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THE ROCKETEER

THURSDAY, MAY 7, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

VOL. 48, No. 18

China Lake captures OPM wellness recognition

Award salutes the total program approach to employee well being used by Naval Weapons Center

By Peggy Shoaf
Staff Writer

China Lake's innovative Employee Health Services Program recently received top recognition from the Office of Personnel Management with the OPM's 1991 Director's Award for Outstanding Employee Health Services Program.

Capt. Douglas W. Cook, Betty Miller and Pat Oliver, representing NWC, received the award for China Lake at the National Conference on Federal

Employee Health and Fitness Programs held in Denver, Colo., April 8.

Capt. Cook was the commander of the now disestablished Naval Weapons Center at the time China Lake applied for the award. Miller and Oliver, from China Lake's Wellness Program Office, coordinated the efforts in putting together the nomination package.

According to a release from OPM, the award is designed to recognize federal organizations providing effective employee health programs for their employees, to identify and publicize exemplary programs and to encourage

the establishment and improvement of high quality health programs. NWC was one of six organizations so recognized.

In a letter included in the ceremony's program, President George Bush said, "I am pleased to congratulate the administrators and staff of the Outstanding Employee Health Services Programs that are receiving the 1991 Director's Award from the Office of Personnel Management. Each of the 66 programs that were nominated for this award is truly noteworthy, and you can be proud of having been selected as the best among them."

"By developing creative, comprehen-

sive methods to improve the health and fitness of your employees, you have made your agency's operations more pleasant, more vigorous and more efficient. You can take pride in the scope of your achievement, in the health and the morale of your coworkers, and in the improved service that they will give to our Nation," he wrote.

The China Lake EHS program consists of seven separate programs, each with its own administration. The programs include the Employee Assistance

Please see **HEALTH**, Page 10

Patent team reaps honor

By Peggy Shoaf
Staff Writer

Rebuilding China Lake's patent program and successfully protecting the Navy's interests in China Lake inventions recently earned members of China Lake's Patent Counsel Office the Naval Weapons Center Team Award.

Capt. Douglas W. Cook, commander, and Bill Porter, technical director, of the now disestablished Naval Weapons Center, presented the awards to Melvin J. Sliwka, Harvey A. Gilbert, Stephen J. Church, Donald E. Lincoln, Stuart H. Nissim, Gloria J. Erickson, Shelley D. Salisbury, Debra J. Kuehn and Joy Adams.

According to Sliwka, head of the Patent Counsel Office, in 1988 the Chief of Naval Research and the commander of NWC asked him to reinvigorate the Navy patent program at China Lake.

"This was accomplished by

Please see **PATENT**, Page 6

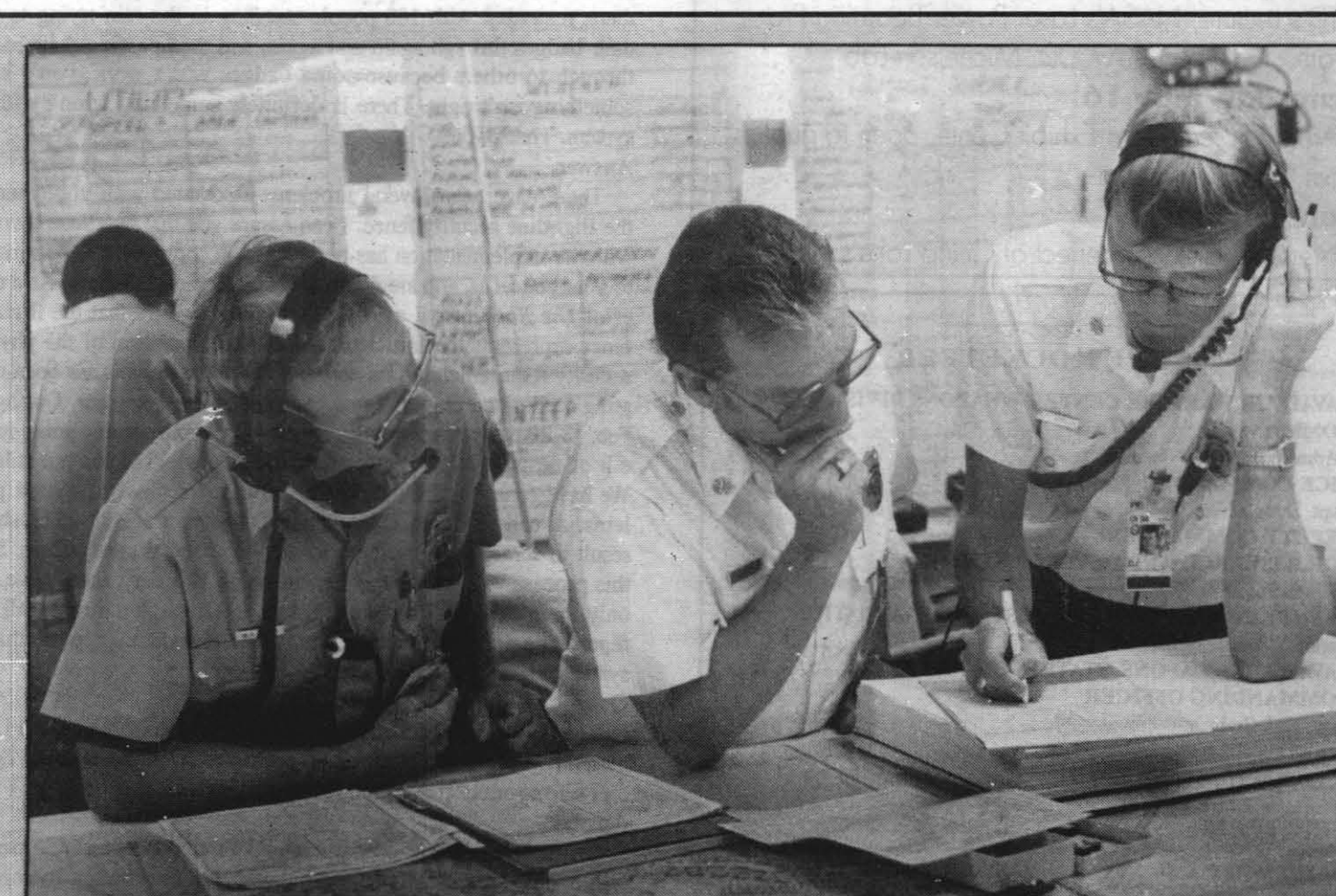


Photo by Terry Pascarella

RESOURCE ALLOCATION—China Lake Fire Chief Lee O'Laughlin (center) and Deputy Chief Darrell Johnson (right) discuss how to best use fire resources during last week's disaster drill. China Lake Fire Dispatcher Bill Hutto looks on, ready to relay decisions to units in the field.

That's No Bull!

Ens. John Wood is China Lake's new Bull Ensign

3

When is a disaster not a disaster?

During the annual disaster preparedness exercise

7

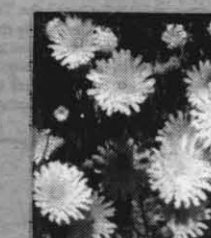
American Heritage Week

Walk/Run opens the celebration this year on June 8

12

The Weather Report

	Max.	Min.	Gusts	Precip.
Wed	96	58	19	-
Thurs	91	61	23	-
Fri	90	53	11	-
Sat	95	51	21	-
Sun	98	59	14	-
Mon	99	58	19	-
Tues	89	65	30	.01



COMMENTARY

China Lake Calendar

- Thursday, May 7**
•Josh's Jamboree, Desert Empire Fairgrounds
- Friday, May 8**
•MWR celebrates Fitness Month with Station Gym Open House
- Sunday, May 10**
•Mother's Day Brunch, Seafarer Club (See Pg. 15)
- Tuesday, May 12**
•Military Transition Assistance class
•WACOM monthly lunch, Seafarer Club, 11 a.m.
- Wednesday, May 13**
•TD's Lecture, NASA's Laser Power Beaming Program, 1:30 p.m., 1000D, Michelson Lab
- Saturday, May 16**
•Armed Forces Day; Exhibit Center open to public from 9 a.m. to 4 p.m.
- Sunday, May 17**
•New hours go into effect at China Lake's NEX

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION
COMMANDER
RADM. William E. Newman
VICE COMMANDER
Capt. Douglas W. Cook
DEPUTY COMMANDER
FOR RESEARCH AND DEVELOPMENT
William Porter
DEPUTY COMMANDER FOR TEST AND EVALUATION
Gerald Wroust
NAVAL AIR WEAPONS STATION CHINA LAKE
COMMANDING OFFICER
Capt. B. J. Craig Jr.

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CATHY PARTUSCH
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The Commanding Officer's Desktop

The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-4127 or mailed to "CO's Desktop, C/O Code 0033, NAWS, China Lake.

Question
Captain Craig, if you review all these calls that come in, I wish you would go out to the airfield and try to get through that darn turnstile. The other day, only one person's badge would work! Those turnstiles are no good. They are a hindrance, making people late for work, late for meetings and getting a very bad attitude.

And...
There seems to be a problem with your turnstiles. The one at VX-5 has been broken for the past four days now and the other ones always seem to be messed up. There's always someone there working on them. We need to review this problem and get it fixed. It took us over ten minutes to get through the gate and we almost missed a flight. It's not a lack of planning on our part, but a lack of good, working gates. Thank you.

And more...
Captain, I appreciated the article in the paper about the turnstiles, but I think it whitewashed the issue. If you had been standing out there yesterday, with 100 people standing in the rain trying to pass their badges through again and again, and then passing their badges through to others because some badges won't work, you'd know something isn't right. There is definitely something wrong with the system. Thank you.

Answer
There have been several problems associated with implementing the flightline security fence. I can assure you that everyone involved with the implementation has heard enough complaints to be sensitive to your concerns, and are doing their best to address them. As a reader of *The Rocketeer*, I am sure that you are aware that the flightline fence represents the initial phase of implementation of the physical security requirements for aviation assets. The system has been operating well since the problems occurred during the rain. During the Feb. 18-20 time frame we averaged 1453 people per day going in and out of turnstile #1, 2114 for turnstile #2 and 1317 for turnstile #3. We have centralized the reporting process for those who have problems. A call to China Lake Police Dispatcher at 939-3313 should result in someone being there to help in five minutes or less. Since this process was fully implemented on 18 February, there have been only three calls per day for assistance. Although a single call may represent a delay for multiple employees, it certainly appears that the system is working much better.

Question
The motorcycle parking area on the west side of Michelson Lab is on a hill. This makes it extremely awkward to deal with and I do not feel safe or comfortable using it. Thank you.

Answer
Thank you for your concern in regards to the motorcycle parking at the west gate of Michelson Laboratory. The Station motorcycle instructor looked at the parking area and attempted to foresee problems that could occur in parking or holding the motorcycles up. He felt that anyone with the skill necessary to ride should not incur too much difficulty. In the motorcycle course given here at China Lake, the students are taught how to properly mount and park a cycle and you may want to sharpen your skills by taking the course. Contact Ray Page at the Safety Office at 939-2315 and he will be happy to discuss this and if desired show you how to safely use this area for parking your motorcycle.

New phone number for 'Desktop' column
Because of the changeover to the Center Telecommunication System, the number to the Commanding Officer's Desktop is now 939-4127. Questions dealing with the NAWS China Lake will be answered by Capt. B.J. Craig, the commanding officer. Questions about the NAWCWPNS will be answered by RADM. William E. Newman, commander, or Capt. Douglas W. Cook, vice-commander.

Pages From The Past

May 7, 1982
Mark Stenger was the latest China Laker to win a prestigious Sloan Fellowship; he will attend the MIT School of Management. . . The RPV Technology Branch personnel have begun work on crating QF-4 full scale aerial targets. . . LCdr. Ralph Schoen took command of the Naval Sea Cadet unit here. . . China Lake Civil Air Patrol members, led by Phelps Ter-Hun, unit commanding officer, took part in an exercise near Lake Mead, Nev.

May 5, 1972
NWC Technical Director H.G. Wilson received the Navy Superior Civilian Achievement Award during a visit by the Center's Advisory Board. . . At the same Advisory Board meeting, Ben Hudson and Leroy Riggs were presented L.T.E. Thompson Awards. . . Gene Boehme, Credit Union manager, announced ground breaking of the new building at NWC. . . Capt. Dickson Alderton was named the new NWC deputy commander.

May 4, 1962
RADM. Sherman Burroughs USN (Ret.) and Capt. W.E. Hollister, USN (Ret.), two former NOTS commanding officers, returned for brief visits last weekend. . . PAL service between Inyokern and LAX starts May 8. . . VADM. W.F. Raborn, deputy chief of naval operations (development), was a NOTS visitor last week, meeting with Dr. W.B. McLean and Capt. C. Blenman. . . According to a *Rocketeer* headline a 'biting bandit', a dog, is on the loose and the victim faces a series of rabies shots.

May 7, 1952
Marian Anderson was one of the artists signed to appear at the China Lake Concert Series this year. . . Donald Steel won a Sloan Fellowship from MIT. . . Reserve Volunteer Unit 11-1, commanded by LCdr. W. B. Plumb, USNR, won a coveted "Navy E". . . Joe Fox of Ridgcrest was among the onlookers at a recent Atomic Bomb test near Las Vegas. . . Richard Hotin of the NOTS Photo Lab took the cover photograph for May's *Sunset* magazine.

Housing says...

Pest control advice available

Housing says. . . Sam Comacho, the pest control coordinator, will be at the Self-Help Store Monday, Wednesday and Friday from 2 to 3 p.m. starting May 11. Comacho will have brochures, answer questions and provide information on proper procedures for using all new pest control products now available at the Self-Help Store. Pest control products will only be issued during this one-hour period.

SATO has new telephone number

With implementation of the new telephone system, the official travel office of SATO travel has a new phone number. The number, which has been in effect since May 4, is 446-9057. China Lakers needing to reach SATO for official travel purposes should write down the new telephone number of 446-9057.

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1-20 Words	\$2.00 Flat
Each additional word after 20 words	10¢ each

CLASSIFICATIONS

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

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

1 PERSONALS

FIL-AM DANCERS Will perform Philippine Native and Cultural Dances for club events, organizations & other activities. For more info call 371-3062 or 371-7742. (0506)

LOOKING FOR a long lost friend or relative? Looking for that roommate that you had such good times with? Let us do a computer search of the entire US for you. Database of over 100 million. No Find - No Fee. Only \$300! BC Marketing (603) 644-3422. (0603)

10 HELP WANTED

MATURE PERSON to watch two children, our home. Occasional days, eves and weekends. 446-1901. (0513)

15 SERVICES/SCHOOLS

RESUMES THAT GET INTERVIEWS. Don't Pay Too Much! Call Us. (619) 446-1629. (0527)

NEW DECORATOR IN TOWN Featuring home interiors and gifts accessories. Call now for info. Book a party and mention this ad, receive an additional 20 merits. 446-6239. (0522)

LANDSCAPE installation and maintenance, sprinkler systems installed. 371-1571. (0513)

20 RENTALS

BEST 1BR IN R/C. Free cable makes \$350/mo. a bargain! Prime location, convenient to shopping. Quiet, excellent condition. 375-5425. (0506)

20 RENTALS

REDUCED \$30. Spacious 2BR, 1BA Triplex: D/W, G/O, laundry room, fenced patio. Very cooperative landlord. Section 8 applicants welcome. Discount for seniors or 9 mo. lease. \$405/mo. W/T pd. Leave msg. at 375-7384. (0520)

LOOKING FOR a long lost friend or relative? Looking for that roommate that you had such good times with? Let us do a computer search of the entire US for you. Database of over 100 million. No Find - No Fee. Only \$300! BC Marketing (603) 644-3422. (0603)

25 REAL ESTATE

GREAT BUY Beautiful 3BR 1.75BA custom home near new Gateway School and NAWS Back Gate. Del gar w/pwper, FP, many other amenities. \$79,500. 375-1577 (0506)

CHECK WITH SILVER STAR LAND AND CATTLE CO. for properties near the Haiwee Reservoir in Olancha, Cartago, Lone Pine and Independence. Agent Marlene (619) 876-5526 120 Ac. Ranch with 2 houses OWNER ANXIOUS. 5 Ac. with older mobile \$70k. 1.59AC. with Newer triple wide mobile (2 parcels) \$80k. Many 5 ac. parcels near the Haiwee from \$7k. Small house in Cartago \$35k. Comm. bldg. on lot \$30k. WAGON WHEEL RV PARK IN OLANCHA MUST SELL!! MOBILES IN PARKS \$20,000. (0506)

35 AUTOMOTIVE

'89 Pontiac Grand Am, four door sedan, white exterior, grey interior, air, asking \$7,500 or best offer. Call 375-3855, ask for BJ or after 5pm 446-5188. (0527)

1985 OLDS FIRENZA. 2DR hatchback, 4 cyl, fwd, ps, pb, ac, am/fm/cass, sunroof, tilt wheel. \$3,750 OBO. 446-2854. (0527)

1979 YAMAHA XS1100. Full fairing and luggage compartments, AM/FM stereo cassette, cruise control. Low miles. Looks and runs excellent. \$1250 OBO. 446-7331. (0506)

UTILITY TRAILER. 4'x6', 2 axle, 16" sides, great for hauling motorcycles, wood. New seals and bearings, current registration \$325. Call 446-1928 after 5. (0514)

40 MISC. FOR SALE

8 foot pool table, \$600 OBO. 377-3554 after 3:30 pm. (0520)

Baby bedding for Sale. Only used twice. \$25. 446-9132. (0527)

SALE FRISBEE @ 459 Monte Vista, Ph. 375-7243: Carpet w/pad; 10-spd wheelmat, auto rack; desk, chairs, exercise, crafts, paintings, misc. stuff. (0506)

SALE: Paintings, nature crafts, rustic collectibles by Donnie Woods. 458 E. Monte Vista Fri/Sat. Ph. 375-7243. (0506)

Bentwood rocker, 2 dressers, high chair, playpen, car seat, baby carrier, walker, clothes - infant on up, waterbed w/mattress, drawers, headboard & heater - set up like daybed, Mikasa china - brand new, sewing machine, glass top kitchen table w/4 chairs, Lane Wall-a-Way recliner, coffee table, MCS stereo components & speaker w/cabinet, sewing machine cabinet, dining room table w/6 chairs, foam baby crib mattress, baby seat for bicycle, coffee maker, can opener, Toastermaster deluxe oven broiler, mixer w/attachments & many other small misc. yard sale items. 446-7763. (0603)

40 MISC. FOR SALE

MOTHER'S DAY IS COMING. Buy a lovely gift for your loved one. Blue Fox Jacket or O'Possum ankle length coats. Never worn. Both xint cond. 446-6239. (0506)

5 piece living room set. \$600 OBO. 446-7172. (0522)

MAUVE COLORED Carpet and drapes. Xint cond. Carpet is 17'x13' w/6'x9' dining area (foam padding to fit), \$200. Drapes are Mauve w/white specks, 120x84, (fits sliding glass doors). Also 72x63. Drapes come w/hoods. \$100 OBO. 446-5760, call anytime, leave message. (0506)

Mother of Pearl - Black Lacquer Grandfather Clock - \$350 OBO. 384-2430. (0507)

Summer time is here. Swim and vacation in Lake Tahoe. Timeshare - Tahoe Seasons Resort. Sleeps 6, in-room spa. Take over payments. 384-2430. (0507)

45 PETS & SUPPLIES

ENGLISH BULLDOG for sale. No papers. Call 446-4689. (0520)

50 GARAGE SALES

YARD SALE - Sat. & Sun., May 9 & 10, 7:30 a.m. til ?? 903 Withington, on base. (0506)



What's happening

On May 18, the Kern County Health Department, 250 W. Ridgecrest Blvd., will hold an immunization clinic from 8:30 to 11 a.m. and from 1 to 3 p.m. Cost for each immunization is \$3, with a maximum charge of \$10 per family per visit. Reservations are not required.

####

Cerro Coso College Opera Lab will perform "The Bartered Bride," by Smetana, under the direction of instructor Mary Lee Thomas at the College Lecture Center May 8, 9, 14 and 15. The show starts at 7 p.m. Tickets, available from cast members and at the door, are \$4 for general admission and \$3 for senior citizens, military and students with I.D.s.

####

Paintings by Los Angeles artist Terry Locke will be featured at the Cerro Coso Community College Fine Arts Gallery from now through May 22. The gallery is open Monday through Thursday from 9 a.m. to 9 p.m. and Friday from 9 a.m. to 4:30 p.m.

####

Jean McCammon, a kindergarten teacher at Faller School, will present a program entitled "Kindergarten Readiness" at Community Connection for Child Care at 7 p.m. on Wednesday, May 13. Registration, which needs to be made by May 8, may be made by calling Community Connection for Child Care at 375-3234.

####

Directed by Lois M. Ward, the Cerro Coso Community College Choir will present its 1992 Spring Concert on Saturday, May 16, at 7:30 p.m. in the Cerro Coso Lecture Center. Tickets, available from choir members and at the door, are \$3 for adults and \$2 for students.

####

On Saturday and Sunday, May 30-31, the Tehachapi Wind Fair will take place at the Tehachapi Fair Grounds from 8 a.m. to 5 p.m. Parking is \$1 and admission is free. While the emphasis is on family fun, there will be a serious side — promotion of wind power and other forms of alternative energy. Learn more about the wind's value to the Tehachapi area and southern California.

####

Starting May 28, the Cerro Coso Community College Fine Arts Gallery will host the annual Students Show. During the opening, set for at 6:30 p.m. on May 28, winners of the art drawing will be selected and awarded their prizes. Tickets, \$1 each, for the drawing are still on sale at the college book store and information desk.

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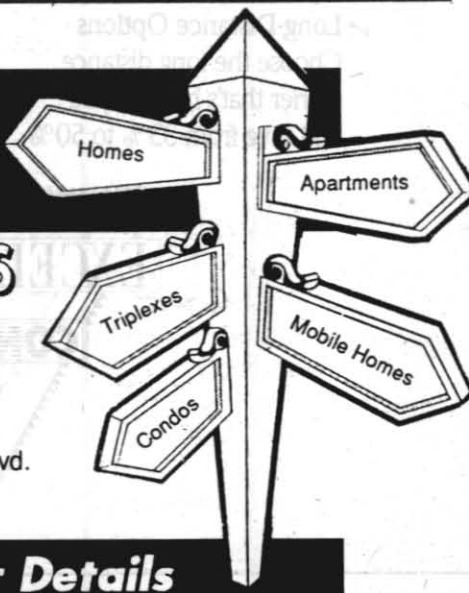
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Josh's Jamboree starts today, May 7

Scott McQuaid headlines second All Sports Concert

Scott McQuaid and The Dreamers, Larry Bastian and Bonnie Owens will be the featured entertainers during Burroughs High School's second annual All-Sports Concert set for Saturday, May 16, at Burroughs' football field. The event starts at 7 p.m.

Tickets, \$10 each, are on sale at various locations throughout Ridgecrest, the Burroughs High School Activities Office and all members of the high school's athletic programs. For more information, call the Activities Office at 375-4476, ext. 35.

Hume Lake Ranger District opens 1992 firewood season

Sequoia National Forest's Hume Lake Ranger District has opened its 1992 firewood season. Permits for gathering firewood can be purchased, at \$10 per cord, at the district office, 35860 Kings Canyon Road, Dunlap. There is a two-cord minimum, with a maximum of 10 cords per permit.

The permits allow individuals to col-

lect dead-and-down wood on National Forest lands. Spark arrestors are required for all chainsaws. State law requires a 14-ounce (minimum) fire extinguisher or a shovel be within 25 feet of where a person is working with a chainsaw.

For more information about the 1992 firewood season, call the Hume Lake Ranger District at (209) 338-2251.

Public lands near Inyokern reopen

Public lands along the eastern edge of the El Paso Mountains, approximately 15 miles south of Inyokern, have been reopened, announced Bureau of Land Management officials. The land was closed to vehicle use, camping, hiking and other activities beginning April 1 in

an effort to protect a desert tortoise research project. The closure was lifted when the project was cancelled.

According to one BLM official, the area has had a "fantastic wildflower bloom" this year and the public is invited to visit.

Motorcyclists 'Run for the Wall' May 15

Veterans and supporters are invited to "Run for the Wall" on Friday, May 15. The motorcycle pilgrimage, commemorating the 10th anniversary of the Vietnam Memorial Wall, will leave from the T.A. Truck Stop at the intersection of I-15 and I-10 in Ontario, Calif., at 9 a.m.

The group will travel 3,000 miles to unite with "Rolling Thunder," a parade from the Pentagon to the Vietnam

Memorial Wall in Washington D.C. Participants can travel either part of or the entire distance.

The purpose of the event is to create a groundswell of support for all American Prisoners of War and Missing in Action (POW/MIA).

For more information, call Rod Coffey (Bungee) at 310-425-3145 or Jerry Eibert (Evo Red) at 805-964-4544.

50MHz 486 DX2 AVGA Color Workstation

50MHz 486 Workstation: True-50MHz-on-the-CPU (an Intel 486 DX2, not a 33MHz CPU forced to 50MHz). We've tested the throughput and can say performance is identical to 486/50 boards. 256K fast cache (direct-mapped), Weitek 4167 socket. Wide range of BIOS features including I/O-bus speed, disable boot from A, selective test above 1MB, NumLock on/off on boot, shadow ROM, much more. Complete system: 120MB 1:1 high-performance hard disk drive, with 4MB RAM (accepts 1MB & 4MB SIMMs), 1 parallel & 2 serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024 x 768 x 256-color VGA monitor & VGA card, MS-DOS 5.0, enh. 101 keyboard. 3-year parts & labor warranty on entire system.

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MILITARY NEWS



NEW BULL—Capt. B.J. Craig and Capt. D.W. Cook congratulate the new Bull Ensign at China Lake, Ens. John Wood.

Ens. John Wood earns the 'Bull' role at China Lake

When Ensign Mike Corsey became Lieutenant junior grade Mike Corsey, one of the happier people at the Naval Air Weapons Station China Lake was Ens. John Wood. With Corsey's promotion, Wood was next in line for the prestigious role of "Bull Ensign" at China Lake.

With nearly 14-years active duty service, the first 12 years as an enlisted man, Ens. Wood was up to the challenge of becoming the senior ensign of the command.

Joining forces to pin the new "Bull" insignia on Wood's collar were Capt. Douglas W. Cook, vice commander, Naval Air Warfare Center Weapons Division, and Capt. B.J. Craig, commanding officer, NAWS China Lake.

Wood noted the Bull Ensign qualifies for a significant increase in workload

and duties, but not a pay raise. The role adds responsibility for numerous projects that senior officers delegate to the Bull.

Unlike most small ships and commands, where there is only one or two ensigns assigned, China Lake now has five ensigns, four of whom are junior to Wood and can be tasked to take on some of these additional requirements.

Assigned to the Aircraft Department as the "O-level" material and maintenance control officer, Wood says the job fits nicely with his fleet experience with an F/A-18 squadron at Naval Air Station Cecil Field, Fla. His last tour, before promotion to ensign and assignment to China Lake, was with VFA-82.

At about the 11-year mark in his career, as an aviation maintenance chief petty officer, Wood looked for growth.

Norton Sound reunion scheduled

From Wednesday, June 24, through Sunday, June 28, the USS Norton Sound (AV-11/AVM-1) Association will sponsor its 18th reunion at Port Hueneme, Calif. Interested association members, former Norton Sounders, members of attached military units, civil service and contractor personnel who served aboard during her 41-year history of service are invited. For more information, call Robert F. Hovestadt at (805) 485-6144 or write to USS Norton Sound Association, P.O. Box 487, Port Hueneme, CA 93044.

NEX adopts new hours on May 17

New hours will go into effect for the Navy Exchange at the Naval Air Weapons Station China Lake on Sunday, May 17. The new hours are from 9 a.m. to 7 p.m. Monday through Saturday and from 9:30 a.m. to 5:30 p.m. on Sunday.

The previous hours were from 8 a.m. to 8 p.m. Tuesday through Sunday and from 8 a.m. to 7 p.m. Monday.

"We tried the longer hours, but the patronage just wasn't there," said Lt.(j.g.) Michael Corsey, officer in charge of the detachment. "The new hours are the ones most used by our customers."

Lt.(j.g.) Corsey also announced the reopening of the NEX Service Station. The service station and parts store hours are from 8 a.m. to 5:30 p.m. Monday through Friday and from 8:30 a.m. to 4 p.m. Saturday, while the gas pumps are open from 7 a.m. to 5:30 p.m. Monday through Friday and from 8 a.m. to 4 p.m. Saturday. The NEX Service Station is closed on Sundays.

NAWS Galley hours now established

Due to budgetary constraints, the following changes to meal hours at the Naval Air Weapons Station (NAWS) China Lake enlisted dining facilities are now in effect.

Main Galley: Breakfast—Monday through Friday 0600-0630; Saturday, Sunday and holidays, 0700-0730.

Lunch—Monday through Friday, 1100-1145; Saturday, Sunday and holidays, 1100-1145.

Dinner—Monday through Friday, 1630-1715; Saturday, Sunday and holidays, 1630-1715.

General Colin Powell touts 'joint warfare' in preface of new book published by the DoD

When a team takes to the field, specialists come together to win. Each does his or her best because the other players and the hometown count on them.

So it is when the United States goes to war. And it is necessary to win every time.

"This is our history, this is our tradition, this our future," wrote Gen. Colin

Powell, chairman of the Joint Chiefs of Staff, in the preface of the new Joint Warfare of the U.S. Armed Forces. He started the document, called "Joint Pub 1," seven months before publication. The theme of the 80-page, historically illustrated work appears on the front cover: "Joint Warfare is Team Warfare."

The book's two-fold purpose,

according to Army Col. Pete Herrly, special assistant to the chairman for Joint Pub 1, is to shape doctrine and to reinforce attitudes among military leaders. "(The purpose is) to reinforce the value of joint warfare and how you fight it, and our way of operations short of war," explained Herrly.

Joint Pub 1 is one of 168 joint publications in various stages of develop-

ment, Herrly said. With a print run of 300,000, it will be distributed to war and service colleges and various service training facilities. It will also go to active and reserve component military personnel ranked at and above major and lieutenant commander, sergeant major, master chief petty officer, chief master sergeant and civilians at or above GM/GS-15.



ACHIEVEMENT MEDAL—Petty Officer First Class David M. Bowsby is at attention while LCDr. Paul Townsend, NAVVS China Lake supply officer, presents him with the Navy Achievement Medal for meritorious superior performance of his duties at China Lake. The veteran Navy petty officer was saluted for his efforts last year as maintenance leading petty officer at China Lake's combined bachelor quarters. LCDr. Townsend noted his efforts were particularly noteworthy because manpower assets dropped by 30 percent and the maintenance budget by 50 percent. Bowsby was also commended for his volunteer work on the Command Training Team and off-duty assistance to the local Reserve Naval Mobile Construction Battalion (Seabee) unit in various projects.

Commissary new services

Early shopping hours for disabled customers is one special service being offered by the China Lake Commissary. Disabled persons are allowed into the commissary 30 minutes prior to the regular opening hours, which are Monday, 11 a.m.; Tuesday through Friday, 10 a.m. and Saturday, 9 a.m.

Carry-out service is another special service offered at the commissary.

"Customer satisfaction is our number one priority. It is the key to our existence and the indicator of success for all our efforts," said Deputy Commissary Manager, SHCS R. B. Binaoro. "Our Customer Service Support Team (CSST) is here to answer customers' questions and assure they receive the best in commissary services." He went on to say the Duty CSST could be reached during regular hours at 939-3138 or 939-3281.

The commissary manager also released the second quarter FY 92 status report. From January through March the commissary served 26,732 customers, received coupons totaling \$7,031 and had total sales of \$297, 272.

NMCRS graduates complete training to become effective volunteers

Twenty people recently graduated from the bi-annual course sponsored by the Navy-Marine Corps Relief Society at China Lake. Capt. B.J. Craig, commanding officer, Naval Air Weapons Station China Lake, presented the graduates certificates of completion at a graduation ceremony. Joyce Dinnage of Long Beach NMCRS taught the class.

The newest NMCRS course graduates are Randie Reno, Mary Gibbs, Marty Schnable, Sue MacKensie, Nancy McKinney, Wilda Cuninghame, Julie Gardner, Donna Adcock, Susan Beuy, Sarah Ebsen, Andrea Vaughn, Sr. Chief VanHorn, Jackie VanSickle, RM1 (AW) Ruth Bowsby, Jackie Warren, Linda Schlund, Rhea Hutchinson, Marla Karanagh, Fay Blackwell and AMH1 Florence Toliver.

The graduates learned about the numerous programs offered by the local NMCRS auxiliary, Navy-Marine Corps

relief policy, volunteerism, budgeting, pay and allowances, military benefits, interviewing and office procedures.

Graduates can now decide whether they want to volunteer at the local NMCRS office.



Graduates of the Navy-Marine Corps Relief Society course.

All Faith Chapel Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday (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.

Jewish (375-0385 Messages)

Weekly Services (East Wing), Friday 7:30 p.m.
Adult Hebrew Lessons (East Wing), Saturday (September thru June) 3:00-5:00 p.m.
Religious Education (East Wing), Sunday (September thru June) 9:30 a.m.-12:30 p.m.

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)
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Scripture Classes, Tuesdays (October-January)
St. Ann's Parish Hall 7-8:30 p.m.

Islamic

Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.

Bishop Chamber of Commerce issues a welcome to the 1992 Eastern Sierra fishing season

Members of the Bishop Chamber of Commerce welcome China Lakers to the Eastern Sierra 1992 fishing season.

According to a report from the chamber, plenty of fish are being caught from the Tinemaha Reservoir in the Big Pine area. Successful anglers are using worms and green power bait. Fishing is also good on the Owens River above the reservoir. Use night crawlers and salmon eggs for best results.

In the Bishop area, people are having success at Lake Sabrina. China Laker Paul Baczkiewicz, shore fishing at Sabrina last Saturday, landed a four-pound rainbow. His bait was just common garden worms.

South Lake is still frozen over and fishing there is being discouraged.

Mac's Sporting Goods reported a 4 1/2 lb. brown being caught from Rock Creek over the weekend, while a San Gabriel, Calif., fisherman, using rooster tails, caught an 8 1/2 lb. rainbow from Convict Lake.

Rainbow trout, ranging from 1 lb. 14 ozs. to 4 lb., are biting yellow power bait, night crawlers and lures such as rapallas and needle fish at Crowley Lake.

Fishing is outstanding at June Lake, the report said. A fisherman from Ventura, Calif., caught a 5 lb. 4 oz. 28" long rainbow on yellow power bait. Gull Lake released a 7 lb. 13 oz. rainbow to another lucky angler.

Despite hot weather, Bridgeport Lake is releasing 1 to 2 1/2 rainbows and browns, while Robinson Creek is producing pan size rainbows.

Remember, June 6 is a "free fishing day" for would-be anglers in California. On this day, the Department of Fish & Game will allow recreational fishing in all open public waterways without a fishing license. All other sport fishing regulations — bag limits, fishing hours, equipment restrictions, etc. — apply on both days. Free copies of DFG sport fishing regulations booklets may be picked up at sporting good stores, bait and tackle shops, some department stores and all DFG regional offices.

MWR celebrates fitness month by opening gymnasium May 8

In celebration of fitness month, May, the Morale, Welfare & Recreation Department's Sports Division at China Lake is opening the gymnasium May 8. Adults are invited to use the facility at no charge from 5:30 a.m. to 9:30 p.m.

In addition to its indoor pool, racquetball courts and basketball court, the gym features exercise, fitness and weight rooms.

The exercise room, also known as the cardiovascular loft, houses lifecycles, rowing machines, stair masters and two recently added treadmills. The fitness room, located off of the gym floor, houses a Universal 15-station workout machine, light weights, life cycles and other equipment necessary for the beginning exerciser.

Weight room equipment includes a variety of machines, including a 10-station Nautilus machine that helps tone up the upper torso, arms and legs; an inverted leg press; and a variety of bench presses and weights. During May, from 3 to 4 p.m. Monday through Friday, guided walks through the weight room will be offered. Richard Shadden, gym attendant, will explain how to correctly use and get the most out of each machine.

Visitors don't have to be members of the gymnasium to take advantage of this free offer.

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SPORTS

Youth soccer players enter third week of competition

Members of the China Lake Morale, Welfare & Recreation Youth Soccer League showed improved skills and knowledge of the game as they competed in their third week of play on soccer fields located onboard the Naval Air Weapons Station China Lake.

Division I

Express 6, Tigers 0

Team effort and goals by Trevor Rosenlof, Tommy O'Garra, Jared Zurn and Mathew Doud gave the Express an impressive win. While the Tigers played hard, efforts by Brett Yakota, Naomi McManigal and Tommy Satele weren't enough to stop the Express.

Owls 2, Wolves 0

While Ryan Jacobs, Chris Huthmacher and Sean Daughtry worked at defending the Wolves' goal, the Owls managed to knock in two for the win.

Division II

Express 7, Stallions 0

Goals by Travis Ernst, Travis McGill and Ryan Hennigan gave the Express a victory. Defensive efforts by Kelly Thompson and Scott Saxton kept the Stallions from scoring. According to the Stallions' coach, goalie Tyrone Cook prevented the Express from tallying several more goals.

Division III

Goalbusters 3, Knights 3

In a hard fought game, neither team

could best the other. According to the coach, intelligent plays by Cara Beasley and William Powell, along with goals by Aaron Marshall and Curtis Monastero kept the Goalbusters alive. Defensive moves by Eric Johnson and Paul Daughtry, and goals by Michael Giroux and Donald Little, made the Knights a hard team to beat.

Drillers 2, Kickers 0

Efforts by Beth Butterworth, Tim Witt and Ryan Groves, along with Chris Andrews' two goals, shut out the Kickers. However, according to the coach, the Kickers only had eight players and saw excellent plays from Sandy Grace and Brian Haugen.

Division IV

Blackhawks 7, Jets 1

In a hard fought game against an older and more experience team, moves by the Mark Schramm and James Capazzi weren't enough. Willie Eichenberg, with an assist by Carlos Olson, knocked in the Jets' lone goal. The Blackhawks did not turn in a score sheet.

Liverpool 5, Red Devils 0

While the team played well, the Red Devils couldn't score, noted the coach. However, the team did have strong support from Curtis Allen, Bryan Hartney and Krysti Bare. The Liverpool didn't turn in a score sheet.

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American Heritage Week poster contest announced

Competition open to community youth up to 18 years old

In conjunction with American Heritage Week, a poster contest is planned, announced the American Heritage Week Planning Committee. Stuart Blashill, the AHW Special Events chairman, said the contest is open to all the area's youth up to 18 years old. The posters should be based upon this year's theme "Hands of Many Colors Building a New World" and can be any size up to two- by three-feet.

Posters should be submitted to the AHW committee no later than May 26. They can be submitted by calling Blashill at 939-7991 or Ricky Parks at 939-8128. The AHW Committee will judge posters and prizes will be awarded to those best depicting the theme. Prizes include movie passes, bowling, ice cream, ceramic lessons and video rentals.

According to Blashill, members of the AHW Committee interpret the theme to mean: The global changes that have occurred in recent years have required the efforts, sacrifices and cooperation of many people, from many different cultures. Continuing this transformation

into a world community will require joining of many hands. As we approach the year 2000, we see the joining of these hands as the beginning of many exciting possibilities.

American Heritage Week is an annual China Lake event. It is designed to explore and foster appreciation of the diversity of American heritage. Events scheduled this year include a 5K "Fun Run/Walk" on June 8, food and display booths in Solar Park on June 9 and an awards luncheon on June 11. Ridgecrest will also be participating in the week-long activities with a thematic display at the library and an interpretive program at Maturango Museum on June 6.

According to Blashill, the posters will be used as part of the display at the library and for decorations at the awards luncheon.

The contest winners will be announced at the luncheon.

Special invitations to participate in the contest have already been sent out to various youth groups in the area, including the Boy Scouts, the Girl Scouts, and the Indian Guides and Maidens.



50TH PLANNING—Efforts are well underway to organize the 50th Anniversary celebration at China Lake for November of 1993. Leading the planning efforts are Gerry Schiefer and Cdr. Chip Mills (standing), who represent the current leadership and from the China Lake past, Hack Wilson (left) and VAdm. W.J. Moran (USN Ret.).

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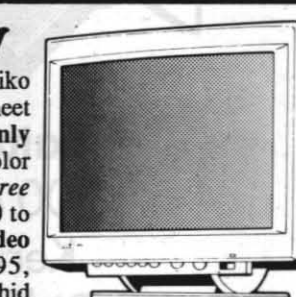
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\$54,000 - 3BR, 2.5 BA townhouse, located on a central park-like courtyard within the complex. Near Wal-Mart. 0% down, seller financing to qualified buyers or all cash.



\$64,000 - 3BR, 2BA, 1100 sq. ft. 3% FHA down. Wide open country and shade trees. Ridgecrest Heights location - clean and price - nice family home.



\$87,000 - 3BR, 2BA, over 1600 sq. ft. FHA 3% down. Huge open great room w/fireplace. Large corner lot with multiple RV access. Newer central location.



\$85,000 - 3BR, 2BA, 1400 sq. ft. FHA 3% down. 3 yrs. new, interesting circulating floorplan. Neighborhood cul-de-sac, with pride of ownership - central location.



\$83,500 - 3+3, 1895 sq. ft. FHA 3% down. Excellent meandering floorplan w/flush gray tones. Corner lot, good NW location.



\$31,000 - 2BR, 1BA plus living and open kitchen/dining. Large yard - north location near commercial business. Needs some work. Conventional financing or cash.

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Luke AFB holds softball tourney

On May 16 and 17, Luke Air Force Base in Glendale, Ariz., will hold its first Arizona Armed Forces Invitational Softball Tournament. According to Lt. Eric North, a coordinator, the tournament will consist of 15-man intramural Class D teams.

Prizes include bat bags, duffle bags, t-shirts and hats, all with the tournament logo. Offensive and defensive

MVPs will receive satin jackets.

Team and individual prizes will go to the top four teams. As a special event, a Home Run Derby will be held, with a Blue TPS bat as first prize.

The entry fee of \$100 is due by May 12.

For more information on registering, call Lt. North at Autovon 853-3482.

Fly fishing classes start May 12

Starting Tuesday, May 12, the Aquabonita Flyfishers will conduct an introductory fly fishing class. The class covers all aspects of fly fishing — equipment, casting, knots, flies, reading the water and more.

Class session will be held at the Grace Lutheran Church, corner of

Norma and Las Flores, starting at 7 p.m. The first meeting will be a general information session. Time on the water will be scheduled during one or two weekends.

For more information about fly fishing, or the class, call Chuck Newmyer at 375-5810.

PATENT from Page 1

putting in place a state-of-the-art law office and patent support system which other Navy laboratories are now just beginning to consider employing," reads the citation signed by Capt. Cook, now the vice commander of the Naval Air Warfare Center Weapons Division.

The citation continues, "Also, highly competent and aggressive patent personnel were recruited, who not only performed their normal patent duties in an outstanding manner, but also successful-

ly challenged and defeated one of the most prestigious patent law firms in the country in litigating two patent interferences."

Sliwka said a patent interference is when more than one party claims the rights to an invention. "The United States Patent And Trademark Office must decide who has the right to it," he explained. "While very few Navy patent teams have attempted to handle interferences in the past, we not only challenged one of the foremost law firms in the country, we wumped their tails good!"

This success brought four new patents, which Sliwka said could lead to several patent licenses for the Navy.

Sliwka said interference litigation is very time sensitive. "If you miss one deadline, you lose," he said.

The expertise of the China Lake Patent Team is recognized by other Navy patent offices who frequently call for advice and guidance, Capt. Cook noted in the citation letter. The team's expertise is also recognized by the United States Navy, Office of General Counsel, who requested the team to make a presenta-

tion on patent interference litigation during its January conference.

Since 1988, the Patent Team has grown from one senior attorney, one junior attorney and a part-time secretary to its present team. During this growth, they have increased processing disclosures from 24 to around 89 a year, Sliwka said.

During the past three years, the team has produced a total of 152 new patent applications and 178 amendments, which are responses to United States Patent and Trademark Office actions, Sliwka said.

While the attorneys' knowledge and experience are critical in litigation efforts and processing disclosures, Sliwka said they couldn't do it without their support team. "Lots of paper is generated during a litigation," Sliwka said. "Our support team stayed late and worked weekends getting everything typed and out on time. Our success has definitely been a team effort."

With the creation of the Naval Air Warfare Center Weapons Division, the China Lake Patent Office has assumed the additional responsibility of managing the patent program at the Point Mugu site. Sliwka urges all NAWCWPNS employees to file patent disclosures as rapidly as possible and promises his office will attempt to process them in an expeditious manner so the interests of the Navy, NAWCWPNS and inventor are protected.



TEAM AWARD—The Patent Counsel Team members credited with the success included Melvin J. Sliwka, Harvey A. Gilbert, Stephen J. Church (not pictured), Donald E. Lincoln, Stuart H. Nissim, Gloria J. Erickson, Shelley D. Salisbury, Debra J. Kuehn and Joy Adams.

TD lecture: NASA's Laser Power Beaming Program

John D. G. Rather, assistant director for Space Technology (program development), NASA Headquarters, Washington, D.C., will talk about NASA's Laser Power Beaming Program at the Technical Director's Lecture slated for 1:30 p.m. on Wednesday, May 13, in Room 1000D in Michelson Laboratory.

NASA has developed a concept for a laser power beaming system known as Space Laser Energy (SELENE). It involves a 10 MW free electron laser and a 10 to 12 m adaptive optic mirror to beam the power to space. One of the most attractive sites for this system is near China Lake. A discussion of the advantages and key technical requirements of this system will be given.

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This year we are presenting speaker sessions covering a variety of timely topics, helpful hands-on demonstrations, video presentations offering hints and tips for the home landscaper, and the Xeriscape and Garden Product Exhibition featuring numerous local and regional companies who provide a wide range of products and services. Come and spend the day with us.

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Find relief from the summer heat

China Lake Community Pool opens for limited hours

Warm weather has turned people's thoughts to lazy days by (and in) the pool, said Elaine Arnell, head of the Morale, Welfare & Recreation Department's Sports Division at China Lake. To help beat the heat, Arnell said the China Lake Community Pool will open for limited hours on weekends and Memorial Day from May 16-31. Regular summer hours will go in effect on June 6.

Limited hours include lap swimming from 11 a.m. to 12:30 p.m. and open swim from 12:30 to 5 p.m.

Summer hours are 11 to 12:30 p.m. for lap swim and 12:30 to 7 p.m. for open swim, seven days a week.

Arnell reminds parents that children, age nine or under, must be accompanied by, and under the direct supervision of, an individual who's minimum age is 16 years. Children between the ages of 10 and 11, if left unattended, must pass a swimming proficiency test.

The test, which must be passed annually, consists of swimming four widths of the pool, treading water and floating on the back for one minute each.

Because the outdoor pool is only open to military, Department of Defense employees, DoD contractors and their dependents, patrons who do not have a pool membership must show a government ID (badge) before being admitted. Dependents (10 years of age and older), who do not have an appropriate ID, can get one at the gymnasium. Arnell said ID cards will be issued when the sponsor's ID is shown.

"Let's say you are a DoD contractor," Arnell said, "and your husband works in town. If he wants to go swimming without you, then he would need an ID card from the gym. However, if you both go together, then your ID would suffice."

Summer hours will also go into effect for the China Lake Gymnasium and the indoor pool starting June 8. The gym's hours will be Monday-Friday, 5:30 a.m. to 9:30 p.m.; Saturday, 8 a.m. to 9:30 p.m.; Sundays and holidays, 11 a.m. to 6 p.m.

The indoor pool's hours for Monday through Friday will be: lap swim, 5:30 to 7 a.m.; swimming lessons, 8 to 10:30 a.m.; lap swim, 10:30 a.m. to 1 p.m.; three lanes of lap swim, 5 to 7 p.m.; and three lanes of swimming lessons, 6 to 7 p.m.

On Saturday and Sunday, the indoor pool's summer hours will be 11 a.m. to 1 p.m. for lap swim, and 1 to 5 p.m. for open swim.

Acquacize, a water exercise program that people can join at any time, will keep its current hours of 9 to 10 a.m. on Tuesday, Wednesday and Thursday mornings and 5 to 6 p.m. on Tuesday and Thursday evenings.

China Lake Community Pool Summer Memberships

	Military	DoD	DoD Contractor
Adult	\$30	\$45	\$55
Youth	\$20	\$35	\$45
Daily Fees			
Adult	\$1.50	\$2.00	\$2.50
Youth	\$1.00	\$1.50	\$2.00
Children six years of age and under are free.			
Pool spectator fee is 50 percent of the above fee.			

Mom's get \$1 off

Seafarer Club plans Mother's Day brunch

Mother's Day Brunch — On Sunday, May 10, the Seafarer Club will host a Mother's Day Brunch from 10 a.m. to 1 p.m.

Enjoy a full buffet, including eggs made-to-order, hash browns, sausage, bacon, freshly-made waffles, pancakes, fresh fruit, rolls and muffins, roast beef, turkey, ham and pies. Cost is \$8.95 per adult and \$4 for children age 10 and under. Since this buffet is in honor of Mother's Day, Fred Garcia, the club's manager, said all mothers will receive \$1 off the price.

Happy
Mother's Day



Sign-ups for Summer '92 Youth Basketball are now being taken at the China Lake Youth Center

Sign-ups for Summer '92 Youth Basketball began May 4 at the Naval Air Weapons Station China Lake Youth Center. Games for this six-week league will be played on Saturdays, with practices being held on week-day evenings. The first game is set for July 11, with the season ending Aug. 15. The league is open to children 7 to 17 years of age.

Evaluations will be held on Saturday, June 6, from noon to 2 p.m. A coach and referee meeting will be held from 5:15 to 6:15 on June 17 at the Youth Center. Volunteers are needed for coaching.

Cost for the league is as follows:

E1-E3—\$14.50 for first child, \$12.50 for second.
E4-E6—\$15.50 for first child, \$13.50 for second.
E7-E9—\$16.50 for first child, \$14.50 for second.
01-03—\$17.50 for first child, \$15.50 for second.
04-05—\$18.50 for first child, \$16.50 for second.
DoD—\$19.50 for first child, \$17.50 for second.
06 & above, Dept. heads—\$20.50 for first child, \$18.50 for second.
Others—\$21.50 for first child, \$19.50 for second.
For more information, call 939-2909.

Dinner theatre features 'Broadway Tonight'

On May 8, the Seafarer Club will present "Broadway Tonight, an Alex & Alicia Production. The event begins with a social hour at 6 p.m., followed by a chicken ala' orange dinner at 6:30 p.m. The show starts at 8 p.m.

Tickets, which are available at the club, are \$20 per person.

Reservations, which are recommended, can be made by calling 939-8658.

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memory, Mac 4ea 4MB SIMMs #4MBX8-80
Mac high density floppy drive #M0247
Kensington Trackball ADB mouse for Mac SE & Mac II #62360
Syquest 88MB disk cartridge #SQ800
Seagate 600MB SCSI hard drive (601MB, 16.5ms) #ST4702NM (all SCSI: Mac & IBM)
SyQuest 44MB disk cartridge #SQ400

Ethernet transceiver: thin Ethernet (RG58) #TMS-3, 10BaseT (twisted pair) #TPT-4
1.44MB 3 1/2" IBM floppy disk drive #FD-235HF
interface for all Bernoulli drives: **Mac intfc** #S0700337-Mac-1B; **IBM intfc** #0700210
high-performance Ethernet controller for Mac SE #E4010, for Mac SE30 #E5010
Maxell 2.3GB 8mm certified DAT tape #HSB/12 (same Sony tape #QG112M)
2.88MB floppy 3 1/2" new ED standard floppy kit includes drive, cable & controller #M25342/12068
2.88MB 3 1/2" ED diskettes for above drive #PMF-2ED-VIOU



MWR

Discount tickets at Craftech

Celebrate Armed Forces Weekend at Sea World

Armed Forces Weekend is coming to Sea World of California, and the Craftech Center at China Lake has discount tickets. During the weekend of May 16-17 military families can enjoy a special weekend just for them for only \$12.45 per adult and \$9.45 per child (ages 3-11). As an added bonus, Armed Forces Weekend ticket receipts (received from Craftech) are good for a 10 percent savings on park food and merchandise, plus 20 percent off tours.

In addition to Sea World's newest shows—"Wings of the World," where birds from six of the seven continents perform; and the Shamu New Visions, which allows the audience to see Shamu swimming—guests will be able to enjoy country music by Marty Stuart, country western's hottest new star, and "The McCarters," a female vocalist group; and take part in an outdoor barbecue.

Eat at Wild Bill's Wild West Dinner Extravaganza

Craftech is offering tickets for Wild Bill's Wild West Dinner Extravaganza in Buena Park. Your meal of range stew, salad, chicken and ribs, baked beans, potatoes, corn-on-the-cob, apple pie and ice cream includes two hours of rip snorting wild west entertainment.

Prices for adults Sundays through Thursdays are \$19 per person, plus a surcharge. Regular price is \$27.95 each. Tickets for Fridays and Saturdays are discounted to \$24.50 per person, plus surcharge. Regular price is \$30.95. Children 3-11 are \$14 each, plus a surcharge. Regular prices run up to \$19.95.

Enjoy Military Fun Days at Magic Mountain

Military Fun Days continue through May at Six Flags Magic Mountain. On May 9, 10, 16, 17 and 22-25, enjoy Magic Mountain for only \$12.45 per person (anyone over four feet tall must use an adult ticket). The discount tickets are available at China Lake's Craftech Center; they will not be sold at the gate.

In addition to Magic Mountain's newest roller coaster, Flashback, experience the thrills and chills of Psychone and Viper, and watch the children play in their own special area, Bugs Bunny World.

Take a trip back in time to Merry 'Ol England

Toast Queen Elizabeth's arrival in her flower-filled royal barge, join a thousand costumed performers in the lusty world of Shakespeare's England, delight in hearty food and drink, cheer battling knights, challenge your skills with crossbow and swordplay, and applaud spirited music, rousing theatre and country dance on seven Elizabethan stages in the woods during the Renaissance Pleasure Faire at Glen Helen Regional Park in San Bernardino each weekend, plus Memorial Day, from now to June 14.

From 9 a.m. to 6 p.m., guests are invited to eat, drink and be merry as they step into the past. Discount tickets, on sale at China Lake's Craftech Center, are \$12.50 per adult and \$5.50 per child (age 3-11). Gate prices are \$16.50 per adult and \$7.50 per child.

Glen Helen Regional Park is located at the northern junction of Interstates 15 and 215 in Devore. From Ridgecrest, take U.S. 395 to I-15 to I-215.

Have fun and cool off at Wet 'n Wild in Las Vegas

Wet 'n Wild discount tickets are now on sale at China Lake's Craftech Center for \$14.05 per adult and \$11.65 per child (age 3-9).

Wet 'n Wild, the water park located on the Las Vegas Strip, has a variety of water rides, including its newest attraction, the Black Hole. According to Gary Daning, general manager of Las Vegas' Wet 'n Wild, the Black Hole is a space age-themed enclosed water tube featuring special visual and physical effects unlike any other water ride. Other attractions include a Surf Lagoon for swimming and body surfing; Lazy River for leisurely rafting; a Children's Playground that includes mini-water rides for younger children; and a variety of tube, slide, sled and inner tube rides.

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BASE-WIDE AFFAIR—In the event of a real disaster, a wide range of China Lakers will be needed to help out. Preparing for such a disaster, HM3 Mike Routen from the Branch Medical Clinic and Lt. Julie Grove from the Branch Dental clinic check on one of the victim's from Thursday's mock-drill. In the second picture, LCdr. Paul J. Townsend and Capt. James R. Williams keep a tally of injuries, deaths and damage resulting from the disaster. In the third picture, volunteers from the China Lake Mountain Rescue Group, Phil Wilson and Tom Stogsdill, check on some of the injured.

Photos
by
Terry Pascarella



RESCUE! China Lake participates in city-wide disaster drill

Most China Lakers probably didn't feel the magnitude 6.5 earthquake rock the area last Thursday morning. Only a handful felt the shaker and reported for duty at the Naval Air Weapons Station China Lake Emergency Operations Center (EOC). But most employees

probably did experience the aftermath of the quake as every department aboard the NAWS took part, to one extent or another, in the annual disaster drill.

On the last day of Earthquake Awareness Month in California, the Navy, the City of Ridgecrest, Kern County and other area governmental agencies simulated a major shaker to test the emergency plans for the area.

Aboard the NAWS, at least three buildings, and Murray Junior High School, were collapsed or suffered major damage in the simulation.

Cdr. Chip Mills, NAWS China Lake executive officer, who ran the EOC, said he was very pleased with the drill's results and the effort put into planning the exercise. Larry Stensaas, emergency management officer for China Lake, echoed Cdr. Mills' views on the success of this drill. He noted it was the first time the Navy had worked extensively

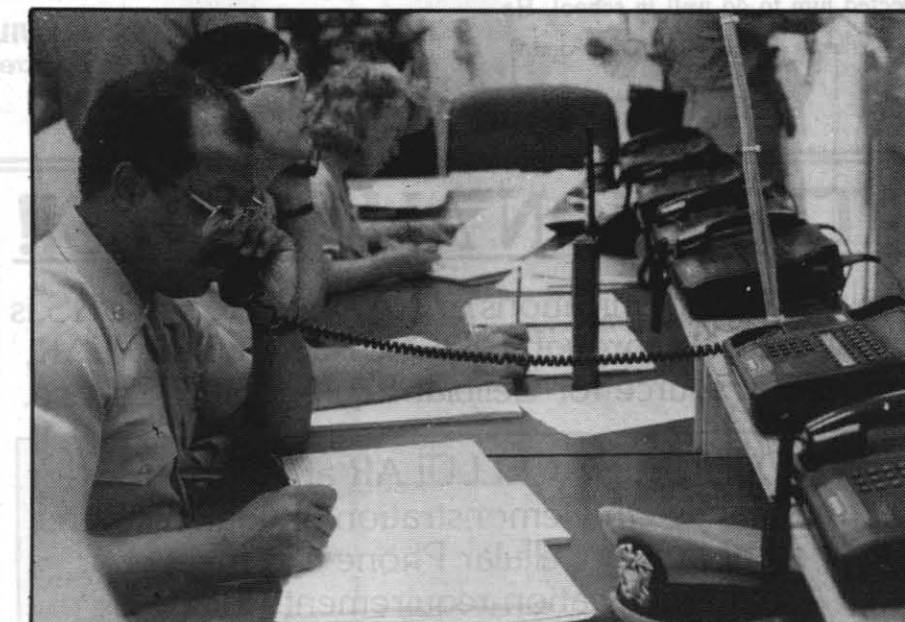
with the City of Ridgecrest's EOC and that effort also went well. Also for the first time, the Sierra Sands School District got heavily involved with all schools tasked to respond to some kind of emergency on site.

For China Lake employees, evacuating buildings and doing a personnel head count was the most visible sign of something unusual. Some simulated casualties to

taken to the Branch Medical Clinic for treatment and in some buildings, simulated fatalities were found.

As has been the case in past drills of this nature, communication breakdowns was the biggest problem area. All the Ridgecrest data was fed to the public works EOC representative via the public works net, placing a burden on that department's radio network. Another communication problem discovered was the inability of cellular telephones to work effectively inside the NAWS EOC, a metal building surrounded with power wires.

Stensaas noted these drills are designed to uncover these kinds of problems in advance of a real emergency or disaster. Another drill is planned later this year.



Cal State Northridge summer classes put stress on electronics and radar offerings

Following are courses being offered this summer for the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. 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.

•EE558N: Signal Detection and Estimation Theory (3 units)

June 1-July 28; Mondays, 4:10-7:10 p.m., and Tuesdays, 9:30-11:30 a.m.; Training Center. By Professor Pettit, CSUN, (818) 885-4722.

Prerequisite: EE550: Random Processes or equivalent or consent of instructor.

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

Text: *Detection, Estimation and Modulation Theory*, Part I (only). Van

Trees, Wiley, 1968.

•EE565N: Radar Systems (3 units)

June 1-July 31; Monday-Friday, 11:30 a.m. to 12:30 p.m.; Training Center, By Dr. Wade Swinford, China Lake, 939-2878.

Prerequisite: EE550: Random Processes or Math 477: Probability for Engineers or equivalent or consent of instructor.

Scope: Covers pulse and CW radars and target cross-section, receiver noise and losses, signal detection and matched filters, pulse compression, target parameter estimation, clutter and interferences.

Text: *Introduction To Radar Systems*. Skolnik, McGraw-Hill, second edition.

•ME586: Optimal Design of Mechanical Systems (3 units)

June 4-July 31; Thursdays, 4:10-7:10 p.m., and Fridays, 10:30 a.m. to 12:30 p.m.; Training Center. By Professor Mincer, CSUN, (818) 885-2078.

Scope: Numerical Design Optimization method has become a powerful and efficient design tool for a wide range of engineering system applications. Since most systems were designed before robust design optimization tools were developed, many systems in operation

today were not really optimized. In addition, the design constraints are in a constant state of flux so that systems really need to be re-optimized due to advancing technologies and changes in resources. This course provides a broad overview of the concept of numerical optimization and the associated algorithms. A wide range of design problems (case studies) are solved using these tools. Commercially available software is discussed, and in some cases demonstrated.

Text: *Numerical Optimization Techniques for Engineering Design; With Application*. G.N. Vanderplantz, McGraw-Hill, 1984.

•IE523: Composite Material Design (3 units)

June 2-July 29; Tuesdays, 4:10-7:10 p.m., and Wednesdays, 10:30 a.m. to 12:30 p.m.; Training Center. By Professor Bavarian, CSUN (818) 885-3917/2166.

Prerequisite: AM340: Advanced Statics and Strength of Materials or equivalent or consent of instructor.

Scope: Introduction to the structural and material properties of composites. Static and dynamic characteristics.

Telephone Services says CASI Project is not complete!

The paid advertisement in the last three issues of *The Rocketeer*, stating that "the CASI Project is complete," is incomplete and incorrect. Until formal CTS system acceptance, currently scheduled for May 10, no part of the system belongs to the government. Also, the additional wiring that was part of the initial installation and designed to support capabilities such as local data networking, will not be available for personnel to simply use at will since it must be managed and controlled with the remainder of the CTS system.

Requests for utilization of any capabilities of the CTS must be made to Code 2714 via a Communications Service Request (CSR). This will insure proper, manageable connections, configuration management, maintenance and documentation of the entire system, and evaluation and selection among competing proposals for use of the installed infrastructure.

For additional information, contact the Telephone Services Branch, Code 2714 at 939-3451.

EDUCATION from Page 8

did not disappoint them. When his family moved to Hawaii, James graduated from high school ninth in a class of over 400 and first in a math competition between all the high schools in Hawaii. James indicated he came to China Lake as a Junior Professional because he could pursue a master's degree while working full time.

Dr. Philip Yoo, operations research analyst in Code 3186, certainly agrees with the adage of obtaining as much education as possible. He has a Ph.D. in economics and is working on a masters of science degree in computer science. He believes, as do others interviewed, that one should take advantage of the educational opportunities available, viewing the completion of a degree program only as a milestone in the continuing process of education. He said that in South Korea education is taken very seriously and that to fail brings shame.

Husnu (Hans) Bayburt, physicist in Code 3933, echoes that sentiment. In Turkey, stated Hans, failure in school is

a disgrace and, therefore, education is taken very seriously. Because of that, he feels, there are not the behavior problems in schools there as we hear about in this country.

All the employees interviewed emphasized the tremendous educational opportunities, as evident by the large number of schools, colleges and universities, in contrast to the countries they came from.

Horacio Estabridis, electrical engineer in Code 3521, was "absolutely amazed" to see the number of colleges and universities when he came to the United States from Peru.

Most of the employees interviewed indicated because of the fewer number of schools in their original homelands, pursuing an education was a competitive process. Charles Ezeike, electronics engineer in Code 3181, stated the competitive process begins in Nigeria as early as entering secondary school.

Reflecting on observations in India, Falguni Shah, electrical engineer in

Code 3113, said, "Because educational opportunities are so great here, we often do not appreciate an education as much. (In foreign countries) education has greater importance because it is harder to come by. When you work harder to get something, you appreciate it more."

Anyone can take advantage of the opportunities in this country. Just ask Robert Do, electronics engineer in Code 3946. He and his family escaped from Vietnam by boat. They came to the United States with practically nothing. Yet, he and all of his siblings went to college. Four are electronics engineers, one is a mechanical engineer, two have bachelor's degrees in business and one is an electronics technician. For Robert, the American dream is alive and well.

Those interviewed are lending their hands to building a new world—to making a contribution where they are at. Like others before them, they realize that in our country, perceived and real obstacles to attaining their goals can be overcome.

Blue Cross/Shield set health presentation

Representatives from Blue Cross/Blue Shield and Code 221 will sponsor a "Your Healthy Best" presentation on Tuesday, May 26, from 9 to 10 a.m. and from 10:15 to 11:15 in Room 211 of China Lake's Training Center.

The presentation will include a brief lecture, a 25-minute video and handing out books and pamphlets, including *Personal One Year Fitness Diary*, *Life With Stress*, *Eating for Health*, *Guide to More Healthful Living*, *The Healthy Heart Book* and a *Self-Help Handbook of Symptoms and Treatments*.

Each participant will also have the opportunity to fill out a health questionnaire/profile that will be scored by a computer and mailed back to the participant.

The presentation is free, but seats are limited so reservations are required. Reservations may be made by calling Cindy Smith at 939-2018 by May 21.

Participants do not need to be enrolled in Blue Cross/Blue Shield.

Houchin Blood Bank plans Ridgecrest area visit for Tuesday, May 12

On Tuesday, May 12, the Houchin Mobile Blood Bank Unit will be at the Elks Lodge, 201 E. Church St. from 1 to 6 p.m.

In preparing to donate blood, the following is advised:

•Eat a meal five hours prior to donating.

•Dairy products or fried foods should be avoided for at least three hours before donating.

•Donors must be between the ages of 17 and 66; however, individuals over age 66 and in good health may donate with written permission from their doctor.

•People who have had yellow jaundice, hepatitis, heart disease, heart surgery, tuberculosis or cancer should never donate blood.

•Donors must be over colds, flu or infections for three days.

•Donors should not be in any of the

AIDS high risk groups nor have any related symptoms listed on the AIDS information sheet.

Those needing blood replacement unit credit should contact the Indian Wells Valley chairperson, Dorothy Jackson, at 375-2059.

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HEALTH from Page 1

Program; Environment; Human Resources Development; Morale, Welfare & Recreation; Occupational Health; Safety; and Wellness.

"We looked at the big picture, not just one program," Miller said. "We took information from all the programs affecting the health and morale of our employees and had Cliff Lawson from the Technical Information Department put it together in one nominating package."

"The Employee Assistance Program is open to all civilian and military employees. Problems addressed through the program include emotional, family, financial, marital, personal and substance abuse. In the past year, it has treated 59 employees for substance abuse and provided counseling to 243 employees."

"Ensuring a quality environment for employees, local residents and future generations is one of the goals of the Environmental Project Office. The staff oversees programs bearing on the health and well-being of China Lakers and the larger community of the Indian Wells Valley. Programs include asbestos abatement, PCB management, underground storage tank monitoring and removal, endangered and threatened wildlife, installation restoration program (identification of abandoned dump sites), recycling, hazardous waste management and

minimization, air-quality control and water quality and conservation.

"Once limited to courses dealing only with job-skills development and professional advancement, Human Resources Development opportunities now cover the full spectrum of personal and professional growth. The program allows employees not only to maximize their professional potential but also to gain the medical, safety, communication and personal-development knowledge neces-

sary for a healthy and productive career.

"The relative remoteness of China Lake has fostered a strong emphasis on the activities of MWR, both for military and civilian members of the work force. MWR contributes significantly to employee health through a range of recreational activities that satisfy physical, social and stress-reduction needs.

"The Occupational Health Program deals with the health of China Lakers in relation to their work. The program is

administered by the Navy Hospital, Long Beach, and covers both medical and preventive services. Health education is also a priority and is done during every physical examination given at the clinic, thereby helping to instill in the patients a knowledge and appreciation of good health practices. Referrals to community resources are made when appropriate.

Please see **Award**, Page 11



PROGRAM HONORED—NVC's EHS Program's nomination package for the OPM's 1991 Director's Award for Outstanding Employee Health Services Program was successful due to efforts by (l to r) Dena Christison, Pat Oliver, Capt. D.W. Cook, Betty Miller, Sue Booth, "Tree" Crabtree, (not pictured) John Powers, Debbie Smith, Vicki Munro, Elaine Arnell and Joan Gage.

AWARD from Page 10

"Perhaps one of the strongest EHS programs at China Lake is the Safety Program, noted the nominating package. Its focal point is the Safety Program Office in the Safety and Security Department. The program spans every operation at China Lake and also educates people in the importance of safety practices in their homes and automobiles. Programs sponsored by the Safety Program Office include occupational safety and health, training, motor vehicle safety and annual safety education.

"The Wellness Program, which began in the spring of 1987, strives to improve the overall health and well-being of military and civilian employees and their families. The program's major elements are health assessment, education, motivation and commitment to a healthy lifestyle.

"A wellness program can result in a substantial improvement in work quality, reduced absenteeism and turnover, and an attractive environment for recruiting new military and civilian employees into

the workforce," said Capt. Cook, now vice commander of the Naval Air Warfare Center Weapons Division.

Miller noted in 1991, working-level representatives of the major EHS programs at China Lake formed an informal working group to discuss resources,

exchange ideas and facilitate interprogram interaction and (where appropriate) shared use of program resources. Plans now call for expanding this group to include other, smaller organizations

and programs at China Lake whose efforts contribute to the health of the base and to the overall health and well-being of employees and their families.

"Programs benefiting the environment, MWR and safety at China Lake have my full support," said Capt. B.J. Craig, commanding officer, Naval Air Weapons Station China Lake. "I congratulate not only the people who originated the programs making this award possible, but everyone who used these programs to create better lives for themselves."

"I congratulate not only the people who originated the programs, making this award possible, but everyone who used these programs to create better lives for themselves."

—Capt. B.J. Craig
Commanding Officer, NAWS

Safety Office sponsors CPR classes

In the event of an emergency, quick and skillful delivery of Cardiopulmonary Resuscitation (CPR) and/or first aid by YOU could mean the difference between life and death of a family member, friend or co-worker.

Just like it sounds, "first aid" is the first help you give someone who is suddenly sick or injured. In a serious accident or in the event of cardiac arrest, first aid can mean the difference between life and death. By knowing and practicing effective first aid techniques, you can also help relieve a victim's pain, prevent further injury and assist medical personnel arriving on the scene by giving them vital information about the victim.

Do you know what to do in the event of an emergency? If not, here's your chance to learn. It's time again for the Safety Office's annual Summer CPR/First Aid training program.

The Naval Air Weapons Station Safety Office at China Lake, in conjunction with Cerro Coso Community College, is presenting a series of Adult CPR and Standard First Aid classes from June 9 through Aug. 13 at the China Lake Training Center.

The Adult CPR class can serve as either initial certification or re-certification in Adult CPR. Topics covered

include adult rescue breathing, how to deal with a choking victim and adult CPR. These four-hour classes will be presented on Mondays through the summer. Certification received from American Red Cross is current for one year.

The full Standard First Aid class also serves as either initial certification or re-certification training. Included in this eight-hour course is the Adult CPR segment (described above) with the addition of first aid topics, such as dealing with bleeding emergencies, wounds and bandaging, splinting fractures, first aid for burns, poisoning, shock, etc. First aid certification is current for three years. These classes will be presented on Tuesday - Thursday between the dates specified above.

There is no cost involved with these classes, and they are open to the entire community. To sign-up for a class, simply call the Safety Office at 939-2315. Class size is limited and usually fill quickly, so sign-up early.

You will become a very important part of the emergency care team as you learn the skills to render life-saving care in the event of an emergency.

There is no other training as basic and as valuable for the entire community. Learn these life-saving skills today.

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First Class Buffet

May 10th - 11:00 am
with

**Big Band
X-press**

at 6:00 pm

Buffet.....\$10⁹⁵
plus free admission to
Big Band X-press

\$5.00 cover charge
for band only!

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The LAN Connection

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Bridges/Routers
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446-4523

PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently titled at NAWS, China Lake and from eligible employees of attached activities who are permanently assigned to the China Lake site. 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 China Lake's commuting area. Applications from other groups will be accepted when specified in advertisements listed herein. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications, by the closing date of the advertisement. Evaluation of applicants qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, and awards.

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. 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 does not clearly state the task/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 highly recommended 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 score. Prior to submitting your application, complete Cover Sheet Form 12355/2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this 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 signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive 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 Air Warfare Center, Weapons Division 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 analysis 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 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 the 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. (NAWPCENINIST 12792.2, 14 Dec 90).

MERIT PROMOTION

No. 28-070 Fiscal Accounting Clerk/Assistant, DG-503-1/2, Code 2855, Area of consideration: Current appointable employees of NAWCWPNS. This position is located in the Dispersing Branch, Customer Services Division, Office of the Comptroller. The incumbent will be responsible for, under the direction of the Dispersing Officer, validation and disbursement of civilian payrolls, travel advances and claims, vendor payments, public vouchers, deposits and collections. **Job Relevant Criteria:** Knowledge of Navy Industrial Fund accounting principles; knowledge of document entry systems; knowledge of Integrated Dispersing and Accounting System; ability to work under pressure. Permanent Change of Duty Station (PCS) is not authorized. Employees at the White Sands and Albuquerque sites may submit their applications for China Lake Announcements to the Human Resources Department, Personnel Operations Division, Code 226, NAWCWPNDIV, China Lake, CA 93555. Promotion potential to DG-3. Multiple vacancies. **This ad opens 5/1/92 and closes 5-15-92.**

No. 28-071 Travel Clerk, DG-503-1/2, Code 2854, Area of consideration: Current appointable employees of NAWCWPNS. This position is located in the Travel Branch, Customer Service Division, Office of the Comptroller. The incumbent is responsible for processing travel orders, and processing travel claims for reimbursement of expenses by civilian employees involved in temporary duty station and/or permanent change of station. **Job Relevant Criteria:** Knowledge of travel systems; skill and accuracy in dealing with numbers; ability to learn computerized travel systems; ability to interact with all levels of customers in a positive manner; ability to communicate both orally and in writing. Permanent Change of Duty Station (PCS) is not authorized. Employees at the White Sands and Albuquerque sites may submit their applications for China Lake Announcements to the Human Resources Department, Personnel Operations Division, Code 226, NAWCWPNDIV, China Lake, CA 93555. Promotion potential to DG-3. Multiple vacancies. **This ad opens 5/1/92 and closes 5-15-92.**

No. 28-072 Payroll Clerk/Assistant, DG-544-A/1/2, Code 2853, Area of consideration: Current appointable employees of NAWCWPNS. This position is located in the Payroll Branch, Customer Services Division, Office of the Comptroller. The incumbent is responsible for the maintenance and processing of time, leave, and payroll records. **Job Relevant Criteria:** Knowledge of payroll systems; skill and accuracy in dealing with numbers; ability to learn computerized payroll systems; ability to interact with all levels of customers in a positive manner;

ability to communicate both orally and in writing; ability to perform effectively under constant deadlines and pressure situations. Permanent Change of Duty Station (PCS) is not authorized. Employees at the White Sands and Albuquerque sites may submit their applications for China Lake Announcements to the Human Resources Department, Personnel Operations Division, Code 226, NAWCWPNDIV, China Lake, CA 93555. Promotion potential to DG-3. Multiple vacancies. **This ad opens 5/1/92 and closes 5-15-92.**

No. 00-002, Patent Clerk (Typing), DG-303-1/2, Code 006 - This position is located in the Office of Counsel, Patent Division. The incumbent is responsible for support to the clerical operations established by the Naval Air Warfare Center Weapons Division Patent Counsel is support of the Navy Research. Prepares correspondence, reports, and legal documents as required apart from processing invention disclosures. Assists in the maintenance and record keeping of attorney's dockets, files of invention disclosures, and prepares applications, including statutory bar cases. Deals directly with all levels of Naval Air Warfare Center Weapons Division and NAVAIR management, inventors, the Office of Naval Research, U.S. Patent and Trademark Office, and government contractors. Knowledge of word processing personal computers and software (Wordperfect/Excel) relevant but not required. **Job Relevant Criteria:** Skills in grammar, punctuation, and spelling; ability to communicate effectively both orally and in writing; ability to deal effectively among technical and functional personnel with poise and tactfulness. PCS will not be paid. **This ad opens 5/1/92 and closes 5-15-92.** Employees at the White Sands and Albuquerque sites may submit their applications for China Lake Announcements to the Human Resources Department, Personnel Operations Division, Code 226, NAWCWPNDIV, China Lake, CA 93555. Promotion potential is to DG-2.

No. 31-019, Computer Specialist, DP-334-3, Code 3193. This position is in the AV-8B Systems Engineering Branch of the Aircraft Weapons Integration Department. The incumbent will perform as the AV-8B Radar Engineer. This involves providing engineering support to the Weapon System Support Activity (WSSA) for the AV-8B radar aircraft. As a minimum, this support includes providing system and Weapon Replaceable Assembly (WRA) level radar requirements for software design, functionality, and testing. **Job Relevant Criteria:** Knowledge of the APG-65 radar; knowledge of aircraft avionics and weapons systems; ability to estimate the size and complexity of radar software change required to achieve a desired level of performance; ability to understand test data generated by the radar WRAs; ability to communicate effectively

both orally and in writing. PCS is authorized. This ad opens 5-1-92 and closes 5-15-92.

No. 31-020, Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist/Mathematician/Computer Scientist), DP-801/830/850/855/861/1310/1520/1550-3, Code 3193. This position is in the AV-8B Systems Engineering Branch of the Aircraft Weapons Integration Department. The incumbent will perform as the AV-8B Radar Engineer. This involves providing engineering support to the Weapon System Support Activity (WSSA) for the AV-8B radar aircraft. As a minimum, this support includes providing system and Weapon Replaceable Assembly (WRA) level radar requirements for software design, functionality, and testing. **Job Relevant Criteria:** Knowledge of the APG-65 radar; knowledge of how software in the radar affects aircraft system performance; knowledge of aircraft avionics and weapons systems; ability to estimate the size and complexity of radar software change required to achieve a desired level of performance; ability to understand test data generated by the radar WRAs; ability to communicate effectively both orally and in writing. PCS is authorized. This ad opens 5-1-92 and closes 5-15-92.

No. 31-022, Supervisory Interdisciplinary (General/Mechanical/Electrical/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist) DP-801/830/850/855/861/1310/1515/1520/1550-3/4, Code 31D - This position is the Advanced Systems Project Office Manager located in the Advanced Systems Project Office, Aircraft Weapons Integration Department, Aircraft Directorate. The incumbent is responsible to the Department Head for management, supervision, and administration of the Advanced Systems Project Office. Responsibilities include the planning, budgeting, development, contracting, staffing, supervision, and monitoring of plans, schedules, manpower, progress, and expenditures associated with all aspects of the Advanced Systems Project Office at NAWCWPNS Division. The project manager will place emphasis on the tasks of negotiating and representing NAWCWPNS project status, position, and plans to NAVAIRSYSCOM for the AX Program. **Job Relevant Criteria:** Knowledge of affirmative action principles including a willingness to implement EEO practices; knowledge of NAWCWPNS personnel policies and procedures; ability to plan, organize, coordinate, and manage a technical program; ability to deal with all levels of technical management; and ability to communicate both orally and in writing. Promotion potential to DP-4. The selectee must be able to obtain and maintain a Top Secret clearance. Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to final selection. Incumbent may be required to serve a one-year supervisory probationary period for supervisors. This ad will open 5-1-92 and closes on 5-15-92. PCS is authorized.

No. 36-008, Supervisory Interdisciplinary General/Mechanical/Electronics/Aerospace/Industrial Engineer/Mathematician, DP-801/830/855/861/1310/1520-3, Code 36862 - This position is that of Section Head of the Reliability and Maintainability (R&M) Engineering Section, Reliability and Maintainability Branch, Product Assurance Division, Engineering Department. The section is comprised of engineers and specialist who provide expertise to perform tasks in support of complex weapons systems and related equipment developed or managed by the Naval Air Warfare Center Weapons Division. The incumbent is responsible for the supervision, mentoring and leadership of the section in all facets of a full reliability and maintainability discipline with an emphasis on the use and application of Mil-Std-785, Mil-Std-781 and Mil-Std-470. Incumbent must be able to obtain and maintain a secret clearance. This position requires frequent travel. **Job Relevant Criteria:** Ability to perform as a first line supervisor; Knowledge of Total Quality Leadership concepts and practices; Knowledge of Reliability and Maintainability Standards; Ability to communicate in writing; Ability to communicate orally; Ability to deal with all levels of Management (On and Off Center); Knowledge of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probationary period, which includes mandatory supervisory training. The position is at the full performance level.

No. 36-007, Supervisory Mathematician, DP-1520-3, Code 36863 - This position is that of Section Head of the Reliability and Maintainability (R&M) Assurance Section, Reliability and Maintainability Branch, Product Assurance Division, Engineering Department. The section is comprised

of engineers and specialist who provide expertise to perform tasks in support of complex weapons systems and related equipment developed or managed by the Naval Air Warfare Center Weapons Division. The incumbent is responsible for the supervision, mentoring and leadership of the section in all facets of a full reliability and maintainability discipline. This position requires a strong technical background in the reliability and maintainability discipline with an emphasis on the use and application of Mil-Std-785, Mil-Std-781 and Mil-Std-470. Incumbent must be able to obtain and maintain a secret clearance. This position requires frequent travel. **Job Relevant Criteria:** Ability to perform as a first line supervisor; Knowledge of Total Quality Leadership concepts and practices; Knowledge of Reliability and Maintainability Standards; Ability to communicate in writing; Ability to communicate orally; Ability to deal with all levels of Management (On and Off Center); Knowledge of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probationary period, which includes mandatory supervisory training. The position is at the full performance level.

No. 6300-001, Supervisory Interdisciplinary (Aerospace/Mechanical/Electronics Engineer/Computer Scientist), DP-861/830/855/1550-4, Code 6300 - This position is Head, Aircraft Systems Department located in the Weapons Systems Evaluation Directorate (duty station, China Lake). As Department Head, the incumbent will direct the efforts of a multidisciplinary staff which provides objective test and evaluation of developmental and In-service aircraft systems assigned to mission support cognizance of the Naval Air Warfare Center-Weapons Division. The incumbent is responsible for providing overall management, leadership, and technical expertise necessary to plan, direct, and control the efforts of the department. **Job Relevant Criteria:** Knowledge of affirmative action principles, including a willingness to implement EEO practices; ability to apply avionics integration requirements and techniques; ability to integrate and test embedded computer systems in aircraft and weapons systems; ability to plan, organize, coordinate and manage technical programs or organizational elements (i.e., Department, Division, Staff Office or Project Office). 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. Incumbent may be required to serve a one year supervisory probationary period. The full performance level of this position is DP-4. This ad will open on 5-1-92 and close on 5-15-92. PCS will be authorized.

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. NAWCNAWS is an Equal Opportunity Employer.

REASSIGNMENT COLUMN

No. 1007-001, Interdisciplinary (Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist), DP-830/850/855/861/1310-3, Code 1007 - This position is that of a Test and Evaluation manager in the Strike Systems Department. The incumbent is primarily responsible for providing management and control of the test and evaluation of the Advanced Interdiction Weapon System (AIWS) and/or other missile weapon systems or special projects as may be assigned. 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. This ad will open on 5-1-92 and close on 5-15-92. PCS will not be authorized. Send an updated SF-171 to K. Berry, Code 226, 939-2393.



Naval Air Warfare Center-Weapons Division Naval Air Weapons Station, China Lake Announcements

Submit items to: Code 3415(C9425); FAX 446-2619, Ralph Kulas (contractor); or E-Mail to TID:ANC.



SECRETARIAL CERTIFICATE PROGRAM

The Human Resources Development Division (Code 224) is currently accepting applications for the NAWCWPNS/NAWS Secretarial Certificate Program. The program is divided into two categories. Category I includes 68 hours of training in courses relating to policies and procedures relevant to the Center. Courses include Introduction to TQM, Better Naval Writing, Official Naval Correspondence, Files Improvement and Records Disposition, Interpersonal Communications, Career Expansion Workshop (optional), and Clerical Forum — Travel, Security, Training, and Payroll.

Category II provides the student with a broad preparation for a career in business. Computer Science courses are included to provide sufficient background for utilization of new computer tools that are becoming more and more popular.

A total of 27 units is needed to pass Category II. The 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 80 - Comp Appl - Word Processing; Computer Sci 83 — Comp Appl - Spreadsheet; Computer Sci 83 — Comp Appl - Database; and Bus 54 — Office Personnel Seminar.

Upon completion of the NAWCWPNS/NAWS Certificate, 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.

*NOTE: An agreement has been established between NAWCWPNS/NAWS and the Cerro Coso Community College that certain computer classes taken at NAWCWPNS/NAWS will be given college credit and can be used toward the Cerro Coso Community College Certificate in Business Administration or an Associate of Arts Degree in Business Administration. These same classes will be used as credit toward the NAWCWPNS/NAWS Certificate Program. Some NAWCWPNS/NAWS classes may be used in place of the Cerro Coso Community College classes. Examples are listed below:

Cerro Coso Community College
Computer Sci 70 - Computer Literacy
Computer Sci 80 - Comp Appl - Word Processing
Computer Sci 83 - Comp Appl - Spreadsheet
Computer Sci 86 - Comp Appl - Data Base

NAWCWPNS/NAWS Center
Intro to Mac
Both Beginning Word and Advanced Word
Both Intro to Excel and Advanced Excel
Both Filemaker II or Filemaker Pro and Data Base Design OR Intro to 4th Dimension and Programming in 4th Dimension

For further information, please contact Sue Bristow at 939-2349.

SENSORS SCIENCE AREA PRESENTATION

Honeywell, Systems and Research Center will be at China Lake on 21 May, to make a presentation on Sensors Science. The agenda will include Ring Laser Gyros, Fiber-Optic Gyros, Optically Powered Sensors, Permalloy Magnetometers, Noninvasive Air Data, Optical Disk Technology, Helmet Mounted Displays, Diffraction Optics, and Satellite Earth Reference Attitude Determination System. The presentation will be at the Mich Lab Conference Room B/C from 0930 to 1130. For more information please call Chuck Newmyer at 939-1074. (Code 374)

INFORMATION RESOURCES SYSTEM

TASK TEAM MEETING
The Information Resources System (on-line document storage and retrieval) Task Team will be meeting in the VTC from 1330 to 1630 on Thursday, 21 May. We will be discussing a number of items with personnel from Pt. Mugu. Presentations on current, planned, and dreamed about computer-based storage and retrieval systems will continue. All interested NAWC and NAWS representatives are encouraged to attend. For additional information, please contact Bob Bloudek at 939-0568. (Code 3404/C9404)

GEHA REP TO VISIT CHINA LAKE

Bob Johnson, a Government Employee Hospital Association (GEHA) representative, will be visiting China Lake on Tuesday, 12 May. He will be available to assist you with questions or problems you may have with GEHA from 0730-1600 at the Training Center in Room 113 (annex). Employees can sign in and will be seen on a first-come first-served basis. We will stop signing employees in at 1115 and will be gone to lunch from 1130-1230. (Code 221/C9210)

PRESENTATION BY HONEYWELL

A presentation on High-Temperature Super Conductor Imaging Infrared Seekers will be made by Honeywell on 7 May at 0900 in Lauritsen Lab Conference Room 2. For questions call Dale Lowe at 939-3657/0550. (Code 3573)

APPLIED NEURAL NETWORKS RESEARCH

Boeing Computer Services and the Naval Air

Warfare Center Weapons Division will be presenting a combined briefing on Applied Neural Networks Research at 0830 on 19 May in the Conference Room B/C of Mich Laboratory. A team led by Dr. Thomas Caudell and Mr. Michael Healy of Boeing will present a series of talks on the IR&D projects with which Boeing has been involved. These briefings will include descriptions of work on a ship classification database developed by Code 3158 and information on a hardware implementation of Boeing Neural Nets work in Optoelectronics.

A team of presenters led by Dr. David Andes will deliver briefs in the afternoon on work involving both the Pure and Applied aspects of Neural Networks research performed by a variety of codes from China Lake. For further information, please contact Dr. David Andes at 939-3848, Rick Knaggs of Boeing at 499-5002, or Chuck Newmyer at 939-1074. (Code 374)

LIFE INSURANCE — DID YOU KNOW? . . .

You can increase your life insurance Option B (additional insurance up to five multiples of your salary) one multiple for each person you acquire in your family, (i.e., spouse and children) without getting a physical. You can also elect Option C (family) when you get married or have a child. Option C gives you \$5000 coverage on spouse, and \$2500 on each child. You must elect these options within 60 days of the event (marriage or birth). When you want to sign up, you must see your Personnel Assistant. (Code 221/C9210)

HAVING MONEY PROBLEMS—

HELP IS JUST AROUND THE CORNER

If you don't have the money to pay your bills, you may have a problem. You should be aware of the danger signals:

- You are borrowing to meet regular expenses, such as food and utility bills.
- You can barely make the minimum required payment on bills, but continue to charge.
- You are using one form of credit, such as a line of credit or a debt-consolidation loan, to make payments on other debts.
- You are using 25% or more of your take-home income to pay credit card bills and personal loans (excluding mortgage payments).
- Your revolving credit cards are charged to the limit.
- Checks are bouncing.

- You have no cash reserve.
- You are so far behind on credit payments that collection agencies are after you.

If you find yourself in any of the above situations, you may need help. The Civilian Employee Assistance Program has arranged for a representative from the Consumer Credit Counselors of Kern County, a nonprofit community service agency from Bakersfield, to come to the Naval Air Warfare Center to offer counseling. Your financial situation will be reviewed by a trained counselor. This service is being offered free of charge. All you need to do is call the Civilian Employee Assistance Program Office at 939-2574 to arrange for an appointment.

1992 AMERICAN HERITAGE WEEK 5K RUN/WALK

Help kick off American Heritage Week (AHW) with the 4th Annual 5K Run/Walk! The event begins at 1130 SHARP on Monday, 8 June, from the O'Club Pool parking lot. IMPORTANT: Only those who pre-register will receive a shirt! Wednesday, 20 May is the Pre-registration Deadline for the AHW 5K Run/Walk.

Entry forms are located in the Mich Lab and Administration Bldg, wellness racks (in the main hallways) and in Human Resources Department, 505 Blandy, room 109, or contact your Department Wellness Program Area Coordinator. REMEMBER: Register on or before 20 May 1992 if you want an AHW 5K shirt! If you would like to volunteer or need further details, call Sherril Baker at 939-8108 (Code 226).

CALL FOR NOMINATIONS: TECHNICAL MANAGERS CERTIFICATE PROGRAM AND SYSTEMS ENGINEERING CERTIFICATE

The Call for Nominations for the Technical Managers Certificate Program and the Systems Engineering Certificate Program has been sent to department offices. If you are interested in either of these programs, you may obtain the nomination forms from the Head of Staff in your Department Office. The deadline for submission to Code 034 (C2002) is 29 May.

Each program consists of approximately 400 hours of instruction extended over a 3-year period. All courses are taught during working hours, and many require homework and final exams. There is a comprehensive final exam at the end of each program.

- Prerequisites for both programs are:
- A current Individual Development Plan;
 - 3 years experience in science or engineering (with 1 year at NAWCWPNS);
 - Completion of 40 hours of category 3 classes (refer to brochures).
- Selection factors include:
- A recommendation from your department;
 - Your utilization of previous training opportunities;
 - The relative degree of your need for program management or systems engineering training;
 - Your own interest in and effort to improve your work performance.
- Dorothy at 939-2359 is the point of contact at the Training Center. (Code 034/C2002)

DATA GENERAL ADP HARDWARE MAINTENANCE

The Information Resources Acquisition Management Branch (Code 2741) has a Centerwide contract for maintenance, repair, and preventative maintenance of Data General ADP hardware and attached peripherals. This contract is not mandatory, it has been initiated to provide primary or alternative service support. Contractor: Telos Corporation, Edwards AFB, Trouble Desk: (800) 888-5721
Technician: Quinton Smith (primary) and Williams Hopkins (backup)
Contract Number: N60530-89-D-0283
Current period of performance: Through 30 September 92 (plus two more 1-year options)
Per-Call and On-Call support are both available under this contract.
Cost: \$80 per hour plus parts/materials with

a two hour minimum for Per-Call systems.

A fixed monthly charge is assessed by configuration for On-Call systems.

A 12.5% service charge is applied to the total contract costs for the Code 2741 service center. Data General hardware maintenance is one of 11 contracts in the General Support Account (GNS). Support costs for this account are: Labor=\$50.8K, Material=\$1K, Contracts=\$493K, Transfers=\$5K, and Data Entry Support=\$5K. Code 27 support costs divided by total contract costs provide the formula for the surcharge amount (\$61.8K/\$493K=12.5%).

If you wish to add or delete Data General Computers (with DG or third-party peripherals) to this contract, please contact Linda McCauley at 939-0614. (Code 2741)

TEKTRONIX ADP HARDWARE MAINTENANCE

Code 2741 has a contract for maintenance of Tektronix ADPE and attached peripherals. This contract is not mandatory and has been initiated to provide primary or alternative service to existing maintenance contracts.

Contractor: EOMC, Inc.
Contract Number: N60530-91-D-0135
Contract Type: Per Call (time and materials)
Period of Performance: Currently through 31 Dec 92

Cost: Technician - \$33.00 per hour (1-hour minimum) plus parts (22% material handling charge applicable to parts/materials replaced).

Response: 6-hour response time during the principal period of maintenance, which is Monday through Friday, 0730-1630, with a 1 hour minimum.

A 12.5% service charge is applied to the total contract costs for the Code 2741 service center. Tektronix hardware maintenance is one of 11 contracts in the General Service Account (GNS). Support costs for this account are: Labor=\$50.8K, Material=\$1K, Contracts=\$493K, Transfers=\$5K, and Data Entry Support=\$5K. Code 27 support costs divided by total contract costs provide the formula for the surcharge amount (\$61.8K/\$493K=12.5%).

To place a trouble call, please contact Linda McCauley at 939-0614. You must have the equipment model, serial, barcode number, equipment location, problem description, point of contact, alternate point of contact, and phone number. (Code 2741)

SUN ADP HARDWARE MAINTENANCE

The Information Resources Acquisition Management Branch (Code 2741) has a Centerwide SUN ADP hardware maintenance follow-on contract in place for preventative maintenance and repair of SUN ADP hardware and attached peripherals. This contract is not mandatory; it has been initiated to provide primary or alternate service support.

Contractor: Digital Equipment Corporation
Contract Number: N60530-91-C-0159
Current period of performance: 1 October 1991-30 September 1992 (plus 4 more 1-year options).

Per-Call and On-Call support are both available under this contract

Cost: \$99 per hour plus parts/materials with a 2-hour minimum for per call systems.

A fixed monthly charge is assessed by configuration for on-call systems.

A 12.5% service charge is applied to the total contract costs for the Code 2741 service center. SUN Hardware Maintenance is one of 11 contracts in the General Support Account (GNS). Support costs for this account are: Labor=\$50.8K, Material=\$1K, Contracts=\$493K, and Transfers=\$5K. Code 27 support costs divided by total contract costs provide the formula for the surcharge amount (\$61.8K/\$493K=12.5%).

You must be on the contract inventory to receive service. If you wish to add or delete a system on the contract or need additional information, please contact Linda McCauley at 939-0614. (Code 2741)

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building. Items may be sent to Code 3415(C9425), or by FAX to 446-2619, Code 3415(C9425), ATTN: Ralph Kulas (contractor), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).

DEC HARDWARE IDIQ CONTRACT

The following is a list of items currently available on the DEC Hardware IDIQ delivery order contract N00123-87-D-0091. Orders can be placed by sending a stub with the appropriate signatures including C&S/FIPR approval directly to Code 2741, attention Linda McCauley. For additional information contact Linda McCauley, 939-0614.

CLIN	NOMENCLATURE	QTY. AVAIL.	PRICE
0001AD	VAX/VMS H-Kit	3	\$ 3,112.00
0001AE	VAX/VMS Update Service	3	792.00
0001AF	VAX/VMS Document Set	1	1,495.00
0002AA	Cabinet Mounted Disk Drive	1	16,000.00
0002AB	Rack Mountable Disk Drive	2	14,000.00
0003	High Speed Line Printer	2	19,610.00
0004	32 MB 6000 Memory Upgrade Kit	1	19,320.00
0005	Data Channel Interface	6	7,600.00
0006AA	Cabinet Mounted Disk Drive -1500 MB with Cable	9	14,361.00
0006AB	Rack Mountable Disk Drive -1500 MB with Cable	7	10,461.00
0006AC	6 GB Disk Storage Array -4 RA 92 Drives w/cabinet & cables	10	45,549.00
0007	Data Channel Interface	1	7,600.00
0008AA	Dual Access Master	6	41,600.00
0008AB	Mag Tape Add On Transport	8	20,400.00
0009AC	8 Node Star Coupler w/cabinet	3	6,600.00
0010AB	Disk/Tape Controller Subsystem	4	41,280.00
0010AC	C1780 Cable, 40 meter	11	1,168.00
0010AD	Shielded SI Cable, 25 ft	33	480.00
0011AA	PrintServer 40	1	38,320.00
0011AB	VMS Host Media for LPS40	2	348.00
0011AC	VMS Client Media for LPS40	2	480.00
0012AA	Ethernet Transceiver	20	225.00
0012AB	Ethernet 20M Teflon Cable	18	239.00
0014AA	Multifunction Communication Port Controller -Vax 16-line Asyn Multiplexor & Cabinet Kit	2	5,760.00
0015	Local Network Interconnect	9	1,020.00
0016AA	8-Line Terminal Server -Decserver 200 & License	1	2,480.00
0016AC	Decserver 200 H-Kit	10	150.00
0016AD	Decserver 200 Doc Kit	10	115.00
0016AE	Decserver 200 Doc Service	10	96.00
0017AA	Power Cable Connect, 20 ft	N/A	242.00
0017AB	20 ft Power Cable	N/A	156.00
0017AC	20 ft Power Cable	N/A	172.00
0017AD	20 ft Power Cable	N/A	180.00
0017AE	20 ft Power Cable	N/A	252.00
0018AA	8 Line Terminal Server -Decserver 200 & License	N/A	2,800.00
0018AC	Decserver 200 H-Kit	N/A	300.00
0019AA	Multifunction VAXBI	N/A	2,680.00
0019AB	Cabinet Kit for 0019AA	N/A	1,050.00
TRAINING COURSES			
0021AA	Intro to VAX/VMS Operations	1 pkg	855.00
0021AB	Additional Study Package	EA	45.00
0021AC	VAX/VMS Operator	Up to 15 persons	10,764.00
0021AD	VAX/VMS Operator	1	1,035.00
0021AE	VAX/VMS Syst Manag	Up to 15 persons	12,204.00
0021AF	VAX/VMS Syst Manag	1	1,170.00
0021AG	VAX/VMS Utilit & Comm	Up to 15 persons	10,764.00
0021AH	VAX/VMS Utilit & Comm	1	1,035.00
0021AJ	VAX/VMS Concepts	Up to 15 persons	8,604.00
0021AK	VAX/VMS Concepts	1	855.00
ADDITIONAL SOFTWARE			
0022AA	VAX Fortran License	N/A	12,408.00
0022AB	VAX Fortran H-Kit	N/A	481.00
0022AC	VAX Fortran Documentation Set	N/A	130.00
0022AE	VAX Pascal License	N/A	11,340.00
0022AF	VAX Pascal H-Kit	N/A	465.00
0022AG	VAX Pascal Documentation Set	N/A	101.00
0022AJ	VAX-11 Basic License	N/A	12,720.00
0022AK	VAX-11 Basic II-Kit	N/A	724.00
0022AL	VAX-11 Basic Documentation Set	N/A	195.00
0022AN	VAX ADA License	N/A	44,820.00
0022AP	VAX ADA H-Kit	N/A	1,289.00
0022AR	VAX ADA Documentation Set	N/A	102.00
0029	On-Site Installation	No Charge	233.00

* PRICE REDUCED

RETIREMENT

JOANN JARRETT

A luncheon will be held at 1130 on Wednesday, 3 June, at El Charro Avitia to celebrate Joan Jarrett's retirement after 17 years at China Lake.

To make reservations for the meal (you may order from the menu), gift donations, or presentations, please call Barbara Staab at 927-1154, Edna Skeer at 927-1135 (75 Parsons), Tempest Schardt at 939-4667 (Mich Lab), or Betty Motte at 939-1172 (Engineering Building). You may make gift donations to any of these people from Code 366. Deadline for reservations is 26 May. (Code 366/C2260)

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal emergencies and will be in a nonpay status for at least 10 days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN NOTICE 12630 provides specific information on how to donate annual leave. Send your approved request to Code 221. For additional information, call 939-2018.

Michelle Folk, Budget Assistant, Code 2833

Michelle Folk needed leave to care for her son, who underwent surgery.

Thelma Schuchman, Travel Clerk, Code 2853

Thelma Schuchman is indebted for leave due to caring for her son.

David Conant, Code 3951

David Conant had surgery and is in need of leave.

Alvina S. Quintanilla, Contract Specialist, Code 254

Alvina S. Quintanilla is undergoing daily radiation therapy for inoperable cancer of the naso-pharynx.

Patricia Chan, Program Manager, Code 3402

Patricia Chan needs leave to care for her husband who is terminally ill with cancer.

Elsie Sweet, Architecture Technician, Code 2691

Elsie Sweet underwent orthoscopic surgery on her knee.

Jan Langham, Contract Specialist, Code 258

Jan Langham is undergoing treatment for bronchitis and asthma.

Sherry Moore, Visual Information Specialist, Code 3424

Sherry Moore is indebted for leave following hospitalization for bronchitis and respiratory problems.

Richard L. Lackey, Electrician Work Leader, Code 2673

Richard L. Lackey is recovering from severe pneumonia.

Jesse Ray Lewis, Jr., Police Officer, Code 2413

Jesse Ray Lewis, Jr., has been off work for several months due to back surgery and complications resulting from the back surgery.

Carolyn A. King-DeLeon, Engineering Data Management Specialist, Code 36531

Carolyn A. King-DeLeon is in need of leave to care for her husband during his 12 weeks of intensive metabolic treatment to regain control of his diabetes.

Judy A. Eldredge, Code 2862

Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for Acute Lymphatic Leukemia.

Linda Harinek, Purchasing Agent, Code 254

Linda Harinek underwent open-heart surgery and is unable to return to work until March 1992.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department channels to Code 224. (Code 224)

HUMAN FACTORS (8 hrs.)

11 June; Thursday, 0800-1600; Training Center. By: Carol Burge and Judy Lind, Code 3152.

Required for enrollees in the TMC or SEC Programs. Other scientists, engineers, and technicians involved in development, evaluation, or procurement of human-in-the-loop systems are welcomed on a space available basis.

This course includes information on human capabilities and limitations; the techniques used by Human Factors researchers and engineers to gather, evaluate, and apply data; and the design of human-computer interfaces. Human Factors case studies of specific systems and accidents are used to illustrate the concepts discussed. How to ensure that Human Factors is included in the military system acquisition process is also covered, and examples of Human Factors sections for specification, statements of work, and data requirements are provided.

Presentation Method: Illustrated lectures, discussion, and practical hands-on exercises. Deadline: 28 May.

AIRCRAFT INTEGRATION (24 hrs.)

16-18 June; Tuesday-Thursday, 0800-1600; Training Center. By: Gerald Stites, Code 31D.

Required for enrollees in the SEC Program.

The course is intended to provide the student an understanding of the conceptual design trade-offs and functional partitioning involved in the design of modern avionics systems. Students will have an understanding of the electrical environment of tactical aircraft. Application of wiring, analog and digital inter-

faces, and commonly used interface circuits in this environment will be discussed. Electromagnetic interference effects on the design and troubleshooting of avionics will be considered. Analysis of the hardware and software design of a typical avionics black box will be conducted. Several aircraft cockpits will be discussed to show how the relationship of cockpit displays, instruments, switches and gauges affect avionics design. The class will conclude with the design of several sample avionics design problems. Deadline: 2 June.

AIRBORNE TELEMETRY (24 hrs.)

29 June-1 July; Monday-Wednesday, 0800-1600; Training Center. By: James Rieger, Code 64203.

Required for enrollees in the SEC Program.

This is a system-level perspective of what telemetry is and how it is utilized at NAWC China Lake for weapons system development T & E. This course is not intended to educate someone on how to design telemetry systems; it is intended to educate someone needing telemetry - on what areas/issues need to be addressed. Emphasis will be on airborne telemetry, with added discussion on encryption. Deadline: 15 June.

EMBEDDED COMPUTERS (16 hrs.)

20-22 July; Monday-Wednesday, 0800-1600; Training Center. By: Richard Fryer, Code 31C. **PLEASE NOTE THAT THESE DATES ARE DIFFERENT FROM THE SPRING/SUMMER COURSE SCHEDULE!**

Required for enrollees in the SEC

Program.

Scope: Review of the primary components and tradeoff parameters for embedded computer systems. Covers system development and integration issues, showing where these issues link the rest of systems development from the aircraft platform and weapons level to subsystem integration, software development, and life cycle support.

Reviews the DOD standard computer products and expected near-term developments in embedded computers. Reviews the major issues that systems engineers should be concerned with during project development. Deadline: 6 July.

COST ANALYSIS (8 hrs.)

10 June; Wednesday, 0800-1600; Training Center. By: Alan Vokolek, Code 305. **Required for enrollees in the TMC or SEC Programs.**

Topics include reasons for a cost analysis effort; availability of funds—trends for the 90's and the increasing cost of weapon systems; life cycle costs—the concept, applications, cost analysis techniques, design, cost, and schedule; and the system acquisition cycle—RDT&E production and program reviews. Deadline: 27 May.

AIRCRAFT AVIONICS (16 hrs.)

22-25 June; Monday-Thursday, 0800-1130; Training Center. By: Dean Elliott, Code 319. **PLEASE NOTE THAT THESE DATES ARE DIFFERENT FROM THE SPRING/SUMMER COURSE SCHEDULE!**

Required for enrollees in the SEC Program.

Students will have an understanding of how avionics has evolved over the past 40 years and get a glimpse into where it is going in the next 20. The development process, interfaces, system architectures, and a brief overview of 20 avionics systems will be the topics of discussion. The class material is designed so that when the student leaves the class he has a basic understanding of what avionics is and a top-level understanding of the subsystems used on the fighter and attack aircraft supported at NAWC, China Lake. Deadline: 8 June.

WEAPONS SYSTEMS PLANNING (8 hrs.)

9 June; Tuesday, 0800-1600; Training Center. By: Dr. Richard Kistler, Code 3004. **Required for enrollees in the SEC Program.**

Scope: The course approaches the topic of weapons systems planning in the context of how it really happens—the importance of informal organizational relationships; the marketing of new concepts; and the role of the Navy's formal planning structure, which is often necessarily more reactive than proactive. A number of recent planning studies that may be seen as influential are reviewed. The process required for getting a new system into the Navy budget is discussed. The DNL individual and corporate planning efforts are described. Deadline: 26 May.

PROGRAM MANAGEMENT, PT. II (20 hrs.)

16-18 June; Tuesday-Thursday, 0800-1600; 0800-1130; Training Center. Instructor: TBD.

REQUIRED FOR ENROLLEES IN TMC PROGRAM.

This is a summary course intended to tie the Technical Manager's Certificate Program together and to gauge each student's understanding of the material. Guest lecturers and NAWC case studies will be used to summarize key points of the program.

NOTE: Because this course integrates the program's subject material, it must be taken near the end of the certificate program. Deadline: 2 June.

CULTURAL/GENERATIONAL GAP (4 hrs.)

2 or 3 June; Tuesday OR Wednesday, 0800-1130 OR 1230-1600; Training Center. By Suzanne Hard, Consultant.

Intended Audience: All NAWC/NAWS employees.

Scope: This course will look at the demographic, economic, and cultural impact of four groups on our work place effectiveness. The four groups are *The Twenty-Something Generation*, *The Boomers*, *The Dinosaurs*, and *Gender*. The workforce is changing more rapidly than ever. When values are so different, how do you motivate, coach, and train? The new crop of employees, sometimes referred to as the "Brash Pack", have an attitude...they want access, authority, and answers...and they want it NOW. How do you manage and motivate them? The Boomers (now 30-45 years old) find

themselves squeezed in the middle by their own large numbers. They see the Dinosaurs above who aren't retiring and the Brashers who are pushing from below. Finally, we have the Dinosaurs, the "Command and Control Managers." They are calling many of the shots...they have the history, the networks and the savvy...

Gender differences and styles may also affect your management effectiveness. Did you always want to know how the other sex thinks? You will hear the latest research on how men and women perform similar tasks differently, such as: leading meetings, team participation, project leadership, delegation, and motivation.

This course meets the supervisor's yearly EEO training requirements.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

TEAM PROBLEM SOLVING TOOLS (8 hrs.)

3 June; Wednesday, 0745-1615 (note the unusual time); Training Center. By Bob Huey, Code 15.

Intended Audience: Employees currently (or scheduled to be) involved in Team Problem Solving in CIATS, Tis, PITS, PATS, Quality Circles, Teams, Committees, Quality Boards, etc.

Scope: Acting as a problem solving team, the participants will learn specific tools, practice their use, and determine when and why to use them, develop an understanding of the use of Hard and Soft data; and understand techniques used by facilitators, group leaders, or self-managed teams. Emphasis will be placed on USING brainstorming & NGT techniques, cause and effect diagramming, and multivoting; LEARNING about pareto charts, flow charts, scatter diagrams, why-because pursuit, force field analysis, and other easy to apply tools; UNDERSTANDING when to apply each tool and APPLYING the tool appropriately. Each member should bring a real problem to class so they can choose various tools and apply them to their issues.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

WRITING STATEMENTS OF WORK IS AS EASY AS 1-2-3 (7 hrs.)

9 June; Tuesday, 0800-1500; Training Center. By Mona Bonbright, Code 255.

Intended audience: Employees responsible for initiating a contract or delivery order.

Course Objective: To give the student practical and current guidance in writing Statements of Work for pending contracts or delivery orders.

Scope: The student will be given the latest government and NAWC guidelines in writing a Statement of Work (SOW). This course will help you to build your SOW writing skills through low-risk in-class exercises. Also, you will receive a current list of people in the Procurement Department available to provide you with personal assistance in the preparation of your SOW and the other documents that comprise the Acquisition Requirements Package (ARP). Information will also be provided on the advantages of using the newly developed ARP team process.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll, call 939-2686. If you have any questions, call Mona Bonbright at 939-3838.

STRESS MANAGEMENT (16 hrs.)

2, 4, 9, 11 June: Tuesdays & Thursdays, 0730-1130; Training Center. By: Paulette Solberg.

Scope: This is a 16 hour, 0.5 unit class through Cerro Coso Community College designed to help participants identify stresses in their life. The goal is to provide an opportunity to develop techniques to reduce stress or to deal with it in a positive manner. The class will be a combination of lecture and practice exercises with emphasis on "take home" skills that can be used by participants to more easily relax in the presence of stress.

To enroll, please submit an On Center Training Request to Code 2243. For more information, call 939-2468.

Deadline: 22 May.

RECOGNIZING AND DEALING WITH DEPRESSION (2 hrs.)

21 May; Thursday, 0800-1000; Training Center. By: Victor Rose, Consultant.

Scope: Depression is a very common condition. It is said to be as prevalent as the common cold and yet is far more treatable. Depression affects one out of four women and one out of seven men. This session will explore some of the causes and treatments of depression and how periods of depression can be

used to create periods of growth and enhancement.

Enrollments are on a walk-in basis. Point of contact is the Wellness Program Office, 939-2468.

MACINTOSH FOR BEGINNERS (8 hrs.)

27 May; Wednesday, 0800-1600; Training Center. By: Marjorie Hunter, Code 381.

Intended Audience: Beginners with little or no Macintosh experience.

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

Presentation Method: Hands-On Workshop

Deadline: 13 May

Enrollments are filled as first request received, first approved.

POWERPOINT ON THE MACINTOSH (8 hrs.)

28 May; Thursday, 0800-1600; Training Center. By: Paul Colter, Code 2832.

Prerequisite: General knowledge of Macintosh concepts and usage.

In this class you will: obtain the skills necessary to produce the kind of presentations you've always wanted. Topics include creating, editing and printing presentation slides and charts.

Presentation Method: Hands-On Workshop

Deadline: 14 May

Enrollments are filled as first request received, first approved.

INTRODUCTION TO MESSAGE TEXT FORMATS(MTF) FOR MACINTOSH (8 hrs.)

24 June; Wednesday; 0800-1630; Training Center. By: RMC Hazel, Code 87.

MTF editor is a message preparation program designed for MS-DOS computers that assists message drafters and typists in preparing error free Naval Messages. This program has a user-built Plain Language Address(PLA) directory, provides the typist for required information, provides error messages as required allowing operator to make corrections, spell checks messages, allows importing of other files or messages, draft printing for proofreading and internal routing/release, DD-173 printing and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Naval Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. To enroll call 939-3159. NOTE: THIS CLASS IS FOR MACINTOSH.

INTRODUCTION TO MESSAGE TEXT FORMATS(MTF) FOR IBM (8 hrs.)

10 June; Wed.; 0800-1630; OR 17 June; Wed.; 0800-1130; Training Center. By: RMC Hazel, Code 87.

MTF editor is a message preparation program designed for MS-DOS computers that assists message drafters and typists in preparing error free Naval Messages. This program has a user-built Plain Language Address(PLA) directory, prompts the typist for required information, provides error messages as required allowing operator to make corrections, spell checks messages, allows importing of other files or messages, draft printing for proofreading and internal routing/release, DD-173 printing and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Naval Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not interchangeable. To enroll select either 10 June or 17 June and call 939-3159. These dates are not interchangeable. Please pick your date carefully. NOTE: THESE CLASSES ARE FOR IBM.

INTRODUCTION TO MESSAGE TEXT FORMATS(MTF) FOR IBM (8 hrs.)

10 June; Wed.; 0800-1630; OR 17 June; Wed.; 0800-1130; Training Center. By: RMC Hazel, Code 87.

MTF editor is a message preparation program designed for MS-DOS computers that assists message drafters and typists in preparing error free Naval Messages. This program has a user-built Plain Language Address(PLA) directory, prompts the typist for required information, provides error messages as required allowing operator to make corrections, spell checks messages, allows importing of other files or messages, draft printing for proofreading and internal routing/release, DD-173 printing and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Naval Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not interchangeable. To enroll select either 10 June or 17 June and call 939-3159. These dates are not interchangeable. Please pick your date carefully. NOTE: THESE CLASSES ARE FOR IBM.

DEFENSE CONTRACTING AND SUBCONTRACTING WITH SMALL AND DISADVANTAGED BUSINESS CONCERNS (16 hrs.)

19-20 May; Tuesday-Wednesday, 0800-1600; Training Center. By: CCPO.