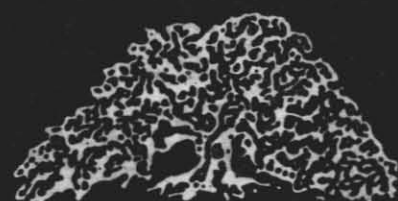


GO WEST



June 1, 1990

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Weather Report

| | Max | Min | Peak Gusts |
|--------|-----|-----|------------|
| Thurs. | 81 | 50 | 20 |
| Fri. | 86 | 46 | 29 |
| Sat. | --- | --- | 27 |
| Sun. | --- | --- | 28 |
| Mon. | --- | --- | 32 |
| Tues. | 80 | 47 | 26 |
| Wed. | 81 | 50 | 33 |

National forest sets early beginning of 1990 fire season

"With our fourth drought year in a row, moisture levels in forest vegetation have dropped to a point we don't usually see until August," said Lee Bealeau, Sequoia National Forest fire management officer in announcing an early start to the 1990 fire season.

The Sequoia National Forest includes the area around Lake Isabella, Kernville and eastern Sierra Nevada between Cottonwood Lakes and Lake Isabella. Many popular recreation destinations for China Lakers are in the Sequoia Forest.

Campfires are still permitted outside of established campgrounds, but only with a fire permit obtained in advance from ranger stations.

Federal Almanac available by mail; full of information on rules, benefits

There are still some copies of the 1990 Federal Employees' Almanac available.

This almanac was completely updated for 1990 and includes a thoroughly revised and expanded section on federal and postal employee rules and benefits.

The price is \$5.95 for a single copy, including postage and handling (\$7.50 via first class mail). Send check or money order to 1990 Federal Employees' Almanac, P.O. Box 7528, Falls Church, VA 22046-1428.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 22 June 1, 1990

Inventions bring new recognition

Six 'Hack' Wilson Patent Awards presented at annual Center ceremony

Six Naval Weapons Center employees were honored with the 1989 Haskell G. Wilson Award on Tuesday afternoon. William Spraker, Willard Simpson, Steven Fowler, George Hennings, James McVay and Jay Bornfleth received the award for patented inventions which have resulted in a substantial payoff to the Navy.

As noted in NWC Instruction 5305.1C, the Haskell G. Wilson Award was named after Wilson because of the support and recognition he gave to creative employees. During his 18 years as deputy technical director and technical director at NWC, he established and nurtured a climate of innovative creativity. At Wilson's insistence, it became the Center's position that Navy laboratories should do the high risk, critical, technical explorations of a weapons development program. He pushed to keep the Center as a whole on the forefront of

technology and for individuals to be recognized for their part in this process.

Wilson and his wife, Jane, were unable to attend the ceremony this year, his friend and colleague, Dr. Carl Schaniel, retired NWC department head, attended in his stead.

Bill Porter, NWC technical director, welcomed awardees and well-wishers on behalf of himself and Capt. Douglas Cook, NWC Commander. Noting the Center's prolific history of patents, Porter urged employees to "continue to be creative and to keep patenting the ideas that need to be patented."

This year, the call for "patents that have paid off" turned up three patents and their six inventors.

William Spraker and Willard Simpson of the Engineering Department's Fleet Readiness Branch developed the Single Chamber Recharger (SCR) for the Sidewinder Missile.

A pneumatically driven and controlled recharger for gas pressure vessels, the SCR's significance, as noted in the patent, is the design concepts regarding size, weight, ease of operation, minimum amount of components, safety, cost and the use of already stock listed items. The U.S. Navy, Army and Air Force are using the SCR to replace recharging units of twice the production cost. Total monetary pay-off to date to the DoD is in excess of \$7 million.

Steven Fowler, George Hennings and James McVay of the Fuze Safe-Arm Division were recognized for their "creativity which has led to major improvements to the U.S. Navy weaponry through the introduction of the FMU-139 Bomb Fuze." According to the nomination, their patented Self-Checking Arming and Firing Controller is significant in

(Continued on Page 6)



INVENTIVENESS REWARDED—Tuesday afternoon Bill Porter (far left), NWC technical director, had the honor of presenting the Haskell J. Wilson award to six NWC employees for "patents that paid off." The patented inventions of William Spraker, Willard Simpson, Jim McVay, George Hennings, Steve Fowler and Jay Bornfleth have resulted in substantial payoff to the Navy. Photo by PHAN Cary Brady

Sheriff salutes SAR team's rescue effort

Helping victims out of man-made or natural hazards challenges the skills of IWV rescuers

In April, Indian Wells Valley Search and Rescue (IWVSAR) responded to the call when a teenager fell approximately 50 feet down a mine shaft near Cerro Coso College. Two rescuers were lowered down the shaft where they stabilized the young man with splints before other team members raised him to the surface and transferred him to a waiting ambulance.

Emergency situations are hardly rare in the desert valley and mountains surrounding the Naval Weapons Center, where man-made hazards

and harsh environment provide countless opportunities for unsung heroes. Historically, the group averages thirteen rescues per year.

Kern County Sheriff's Department singled out the unit for commendation at the department's annual awards luncheon May 17. Unit Captain Jerry Young and Co-captain John Paull invited Roy Parris, head of NWC's Safety and Security Department, and the coordinator for IWV disaster preparedness program, to accompany them on the trip to the

(Continued on Page 8)

China Lake Calendar

Thurs., May 31

...SIGAda meeting, El Charro Avitia, 6:30 p.m.

Thurs., May 31

...Babysitting Clinic, 6 p.m., NWC Theatre

Fri., June 1

...Cdr. Fred Lentz retirement, 7 p.m., Golf Course Clubhouse

Mon., June 4

...Mac User Group, 2:30 p.m., Michelson Laboratory Management Center

Mon. - Fri., June 4-8

...American Heritage Week events

Tues., June 5

...EEO Award Ceremony, 6 p.m., Seafarer Club

Wed., June 7

...TD Seminar, Room 1000D, Michelson Lab, 9 a.m.

Fri., June 8

...S.A.M.E. gold mine tour, meet 8 a.m., Bldg. 981

... "Shotgun" performs at Seafarer Club, 9 p.m.

Wed., June 13

...Comedy Night at Seafarer Club

...Government Surplus Auction, 9:30 a.m., Warehouse 41

Coming Events...

Cdr. Steve Nyland retirement party, June 20

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

Letter to the editor:

There is an aerobics class at Public Works which is celebrating their second anniversary. I would like to thank Capt. Kelley, the Wellness Program staff and Command for giving us this opportunity to improve our health.

I am 54 years old and in good health. When I do get sick, I recover much faster than I did prior to taking an active part in aerobics. Recently I took a fall, but avoided serious injury due to improved muscle tone.

The aerobics program at NWC is an excellent program. It's a shame more people don't take advantage of it. I feel good, I have lots of energy, my cholesterol count is down and its all because I work out with friends three times a week. The instructor, Angela Owens, is excellent.

I hope we can keep this type of program around for a long time to come.

By John Haywood

(Editor's note: For more information about the aerobics programs on Center, call the Wellness Program Office at NWC ext. 2468.)

Wellness Corner



New dietary allowances recommended

By Evelyn D. Harris
American Forces Information Service

"Recommended dietary allowances were first published as a guide to help military meal planners feed the troops an adequate diet in World War II," said Army Lt. Col. Judy Turcotte. She heads DoD's nutrition working group, which promotes good eating habits in the services.

The National Research Council, part of the government's National Academy of Sciences, had been studying human nutrient requirements for nearly half a century before publishing the findings in 1941, she said.

Since then, recommended dietary allowances, or RDAs, have been revised nine times and used for different purposes by various groups. Better known to the public, however, is the term "U.S. Recommended Daily Allowances." Food and Drug Administration officials derived the U.S. daily allowances from the RDAs issued in 1968. Manufacturers use the daily ones as a guide in listing the nutritional content of foods on product labels.

The council again revised the dietary allowances late in 1989. It noted that they are based on the nutritional needs of groups, not individuals, and do not represent either minimal or optimal levels of intake.

Turcotte pointed out several important changes in the dietary allowances.

First, some guidelines changed because the council had formerly based RDAs for adults on ideal heights and weights, whereas the new allowances are based on actual heights and weights in the population studied.

Males and females from ages 11 to 24 are advised to take in more calcium — 1,200 milligrams per day, in recognition of new research indicating that bone formation continues through the early 20s. Previously, the RDA for calcium reverted to 800 milligrams at age 18, except for pregnant and lactating women who require 1,200.

The new guidelines advise smokers to take one-third more Vitamin C than recommended for non-smokers. Studies indicate smoking depletes the body's supply of Vitamin C.

In addition, the council added two new nutrients to guidelines — Vitamin K and selenium. Green leafy vegetables are the best sources of Vitamin K, which is necessary for

maintaining normal blood clotting. Selenium is found in shellfish, kidneys, liver and red meat. It is also found in grains to varying degrees, depending on the selenium in the soil in which they are grown. Selenium deficiencies have led to heart disease in children and women of child-bearing age. However, a diet rich in Vitamin E can lessen the effects of selenium deficiency. Vitamin E is found in whole grains, nuts and oils.

Although some persons — such as pregnant women and people who don't or can't eat sources of key nutrients — will require supplements, a varied diet should supply adequate nutrients, said Turcotte.

Begin Your Day Right

American Forces Information Service

"Military dietitians and food service personnel have traditionally joined the American Dietetic Association in celebrating National Nutrition Month," said Army Col. Martha A. Cronin, chief, Dietitian Section, Army Medical Specialist Corps.

"This year's theme, 'Enjoy the Taste of Eating Right,' reminds us that healthful, nutritious foods can be appealing and taste great," she said.

The Army is using a secondary theme this year: "Breakfast Is the Time of Day to Practice Good Nutrition," Cronin noted. Garrison dining facility studies have shown that breakfast is the meal at which soldiers consume the most saturated fat, according to Cronin. That's because they are choosing the "traditional" breakfast, which tends to be a combination of foods high in fat and cholesterol.

Military dietitians are encouraging service members to choose more whole-grain breads and cereals, fruits and juices, and skim or low-fat milk. Many dining facilities have "breakfast bars" featuring these foods.

Reserve for Cdr. Nyland's retirement

Commander Steve Nyland, head, Procurement Department, is retiring on June 29 after 20 years of service. A dinner will be held in his honor June 20 on the lanai at the Commissioned Officers' Club. This casual dinner includes hamburgers, hot dogs,

two types of salad, baked beans and beverages. Cost is \$5 per person. Festivities begin at 5:30 p.m.

For tickets, reservations or to schedule a presentation, call Julie at NWC ext. 2087 or Willa at NWC ext. 3057. Reservations are needed by June 15.

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

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PRIOR TO FRIDAY PUBLICATION**

1 PERSONALS

California Schools in TROUBLE! Vote for 25 years of experience. VOTE DR. RODRIQUEZ.

I'M DRIVING TO EAST COAST, middle part of June. Looking for someone to share driving & expenses. Call 377-4121. Leave message - OR - SEND RESPONSE to R. Wassel NWC, CODE 61223, China Lake, Ca. 93555

30 SERVICES

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QUALITY CHILD CARE available in my home. Windy Acres acre. 4 years and up. Not licensed. Reference available. 371-2516.

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35 AUTOMOTIVE

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40 MISC. FOR SALE

FULL SIZE BOX SPRING MATTRESS SET - \$60. Call 446-5169.

LARGE CAGE, 2x2x6, galvanized wire, great shape - \$50. "Easy-Glide" cross-country ski exerciser - \$40. 446-4751.

45 GARAGE SALES

YARD SALE: Saturday, June 2. 407 Rowe St. 7 a.m. - 3 p.m. Toys, sofa, misc.

45 GARAGE SALES

YARD SALE: FRIDAY, June 1 ONLY! 1518 LEXINGTON. Behind the "O" Club. Small appliances, dishes, clothes, books, baby swing, sewing machine, couch, knick-knacks.

55 REAL ESTATE

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Editor - STEVE BOSTER Staff Writer - JULIE PAULSEN Staff Writer - PEGGY SHOAF Photographer - PHAN CARY K. BRADY


ter, China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SCF:Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

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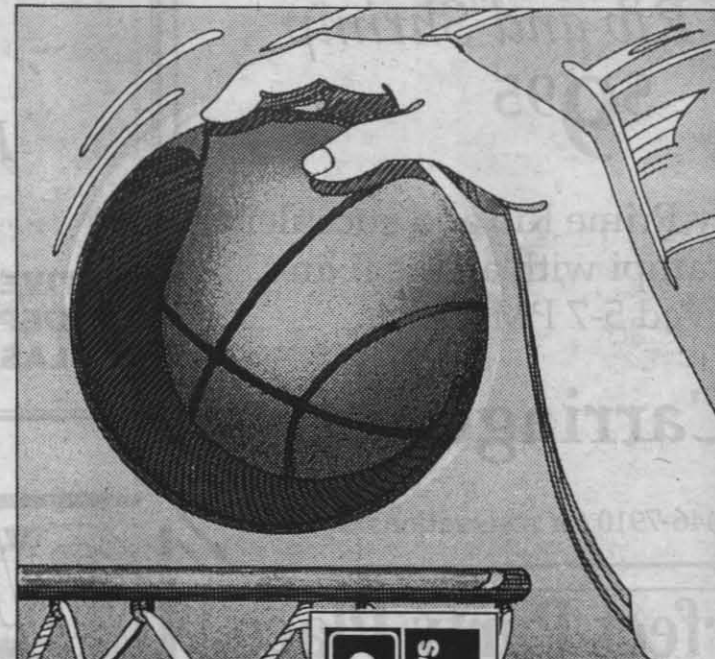
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ASK ABOUT OUR NEW EVERYDAY LOW DOUBLES PRICES!



TWO MORE--Michelle Bloom helps her husband, DK3 D. Bloom cut the traditional reenlistment cake. Petty Officer Bloom, a member of the China Lake Personnel Support Activity Detachment, signed up for an additional two years. Lt. Jeri Busch, PSD officer-in-charge, administered the oath of enlistment last month. Photo by PHAN Cary Brady

NRS office is closed June 11
Please note: The China Lake Navy Relief Society Office will be closed Monday, June 11, while volunteers attend a conference at NAS Miramar. Emergency cases will be seen; call the Naval Weapons Center quarter-deck at NWC ext. 2303.
Regular office hours are Monday, Wednesday and Friday from 11 a.m. to 2 p.m. For more information call NWC ext. 2921.

Navy women put on dress jumper

Navy women at China Lake will join Navy women world-wide in starting a new tradition this summer when they start wearing the service dress white jumper style uniform.
The jumper style uniform is a long-standing tradition for male members of the U.S. Navy. Recent wear tests and surveys of Navy women found overwhelming support for the jumper.
Navy Uniform Division officials of the Navy Resale and Services Support Office expect the new uniform will be on the shelves of Navy Exchange Uniform Shops starting July 15. The retail price is

\$24 per set. This is an optional uniform.
The jumper style uniform has been a part of Navy tradition, in one form or another, since 1825. The first version was a white jumper with a blue collar. Naval history states sailors in those days wore a lot of grease in their hair to keep it out of their eyes while working aloft. A flap was added to the jumper to prevent the grease from getting on the sailor's shirts.
Navy Uniform Division officials say they will make a special effort to ensure an ample supply of accessory items will also be on hand when the new uniform becomes available.

Officers' wives raise funds for dependent scholarships

At an outdoor luncheon on May 22, four scholarship recipients were the guests of the Military Officers' Wives Club (MOWC). Club members welcomed the opportunity to meet the scholars they will be assisting this coming school year.
Money for the scholarships is raised by club members at events such as the creative auction, held in March. Scholarships are open to military dependents meeting grade requirements.
Michelle Aviles, a 17 year old Burroughs Senior, plans to attend the University of Calif. at Irvine as a Bio Science major. Her father, Carlo, is enlisted at VX-5.
Josefa Collins is 26 and married to CT02 Mark Collins. She is the mother of a 2-year

old son and plans to continue studies at Cerro Coso Community College where she is working toward an A.A. degree.
Agnes Catolos, eldest of three children of retired Chief Renato and Lita Catolos, plans to attend Cal Poly San Luis Obispo as a freshman this fall. She wishes to major in biological sciences. At Burroughs she is on the tennis team and has served as Sec/Treas. for the Junior and Senior classes. She also is involved in the NWC Technical Mentor Program.
Monica Figueroa, age 18, was unable to attend the luncheon. She will attend Cerro Coso Community College this fall, while working part-time at NWC. Her father is CTCs Ignacio Figueroa.



SCHOLARSHIP WINNERS--Connie Barr (far left), representing MOWC, joins scholarship recipients Michelle Aviles, Josefa Collins and Agnes Catolos at the scholarship luncheon.

The Skipper Sez...

QUESTION
I was wanting to know if it was possible for the Tech Library to be open for a three to four period hour of time during an evening or the weekend. This is to facilitate the use of the Tech Library for outside research projects for training classes that engineers take on base. I am taking a class on Center that requires extensive research, which I don't have time for during working hours. Thank you for your help.
ANSWER
The primary objective of the Library Division, Code 343, is to be responsive to our customer's information requirements. In order to extend library hours, the major issue to be resolved is staffing. After hours access poses staffing, security and logistics problems. The Library Division needs to determine if this is an isolated request or if there is a demand for this service. With the help of the Library Advisory Board, the library is in the process of surveying their patron's needs. This suggestion will be added to the survey. If there is a demand for this service, the Library Division will change their hours as quickly as staffing permits. If this is an isolated instance, the Library Division will work with the individual customer to fulfill information needs. If anyone else has this requirement, please contact Code 343. An immediate response will give the Library Division an opportunity to respond before the survey results are tabulated.
QUESTION
My question is in regard to professional and technical societies and what the base stand is of their use of Xerox machine and guard mail to distribute announcements of meetings, etc. to the engineering and technical community on base for sessions that are of technical in nature. Thank you.
ANSWER
According to SECNAVINST 5370.2J, "Department of Navy employees shall not use any government property for other than official government business or purposes."
Since professional and technical societies are not official government functions, use of photocopying equipment and guard mail is not appropriate.
All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.



The Grace of God

All of us have experienced the Grace of God in time of great need. We may have been really down and then a light broke through and we rejoiced in it. There is a beautiful moment in the play *Streetcar Named Desire* by Tennessee Williams when this happens to Blanche, a person trying desperately to hold life together.

Her world is falling apart. She is looking for some solid ground to stand on, some center for her life. She desperately needs to be loved. Unfortunately, she is like some persons we all have known who talk all the time and the way they talk all the time repels the very thing they want most, which is for people to love them. That is Blanche's ongoing problem as her life keeps falling apart, until she meets a man named Mitch.

He too has a social problem. He is much overweight and, as he explains to her, he perspires profusely. He is a very lonely person and very much in need of love too.

They get to the point where Blanche is able to share with him one of the tragic moments in her life. She tells him about it and about the terrible consequences and, when she is finished, Mitch takes her in his arms and says, "You need somebody and I need somebody too. Could it be you and me, Blanche?"

Blanche stares at him in disbelief and then, with a soft cry, she gives herself to his embrace. Sobbing in joy and in continuing disbelief, she says in this beautiful line, "Sometimes there's God, so quickly." With that, the scene closes.

This is exactly what most of us have experienced. When we need it most, when the darkness is most frightening, there's God so quick, so real, so present in such a healing way. The tragedy is that it so often dissipates; it fades; it takes no roots.

A failure of trust blocks the continuous, sustained healing that would be possible. The reason is not that the light is taken from us by God. The reason is that we have let it go dim within us. This happens to Blanche in the play and it happens to many of us, time and time again.

Perhaps the reason your life is not growing and being fulfilled is that you have not opened yourself outward to share the light, to communicate it to others. God gives you the light not only because He loves you, but because He wants you to share it with others. Trust in a God who loves you and loves all "others" too!

by Lt. G.L. Goodman, CHC, USNR

Appletalk improvements sought here

This is the second article from the *Networking Services Branch (Code 2711)* addressing Appletalk concerns.

Research continues to find ways to improve Appletalk reliability at the Naval Weapons Center.

Wiring such as that of the NWC Headquarters and Engineering buildings is being analyzed to see if consolidation of multiple ad hoc networks could improve service in the buildings and throughout NWCNet. One FastPath per office is not always the best configuration for the network or the customer.

Several user groups who have minimal intercommunication needs at present have asked to be removed from the corporate network while the improvement

process proceeds. This not only improves service within their group, but lightens the load on the corporate network. We'd like to thank those groups for their help.



Users of Appletalk devices on-Center are being asked to assist in developing uniform names for the devices. This may seem trivial, but when trying to trace corporate network problems it's time-consuming to locate a bridge or printer named

Safe driving is key to summer

It's a scene that happens too often, especially during summer weekends. Travelers anxious to make a quick getaway and begin celebrating the summer weekend, start on the road after a long tiring day. The result -- highway fatigue. This also affects people who drive long hours to reach their destination without taking a break, especially at night.

The ride ahead is long, smooth and monotonous. The environment inside the car is cozy, dark and warm. The sounds of the tunes from the radio are heard just above the constant humming of the engine and the tires on the road. The drive is effortless. The same familiar sights pass the car -- telephone poles, trees and white lines. Soon the driver is lulled to sleep, often resulting in a serious accident. Highway hypnosis is extremely dangerous but can be avoided. Below are some reminders to help you stay alert on the road:

•Get enough sleep before you travel. Try to start your drive early in the morning if possible.

•Keep the car's environment cool. Turn on the air conditioner and/or open windows. Fresh, cool air will help you keep alert.

•Adjust the volume on the radio often. Tune the radio in on a station you do not enjoy. Change the radio station often.

•Keep your body active in the driving process. Shift positions and do not use cruise control.

•Drive in an upright posture. Sitting in an even partially reclining position may induce drowsiness.

•Take frequent breaks. Stop at restaurants, gas stations and rest stops.

•Eat a light meal before traveling. Becoming drowsy after a heavy meal is common.

•Break the monotony in every way possible. Talk to yourself or others, chew gum, sing, etc.

•If all else fails, stop at a motel, rest stop or pull a safe distance off the road and take a refreshing nap.

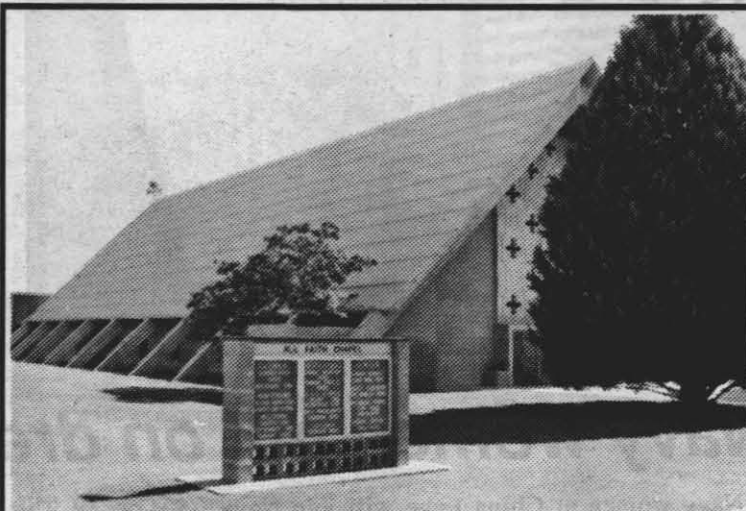
Driving safety demands your full attention. Stay alert on the road and enjoy your summer travels.



IS THIS YOU ON TRAVEL?

PERHAPS IT'S TIME TO CHECK INTO VIDEO TELECONFERENCING.

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Divine Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday 11:30 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Islamic

Jumaa Prayer (Friday at 1905 Mitscher) 1:00 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Main Chapel (During Renovations) 11:35 a.m.
Confession (Sunday), Command Chaplain's Office 8:15-8:45 a.m.
Confession By Appointment Anytime
Religious Education Classes (Sunday) (September thru May) 10:30 a.m.
1902 Dobb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher

Jewish

Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandly) 9:00-10:00 a.m.
Sabbath School (Saturday at 1004 Blandly) 1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain G. L. Goodman, LT, CHC, USNR
Brian H. Zimmerman, Student Rabbi
Hearing Impaired Equipment, Nursery Available
Phone NWC ext. 3506, 2773, 2873

(Continued on Page 7)

GEHA rep sets visit to NWC for June 11

Due to the interested expressed in having a Government Employees Hospital Association (GEHA) representative available locally, Bob Johnson, a GEHA representative, will visit China Lake on June 11 from 7:30 a.m. to 4:30 p.m. He will be in Room 114 at the Training Center for current GEHA policy holders or previous policy holders with pending claims.



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Secretarial opportunities

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

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

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

No. 31-033, Secretary (Typing), DG-318-1/2, Code 3158 - The incumbent serves as Branch Secretary providing clerical support to the Target Recognition Branch. Experience on the MacIntosh II is desirable. Promotion potential to DG-2. The area of consideration for this position is the 03 Directorate only.

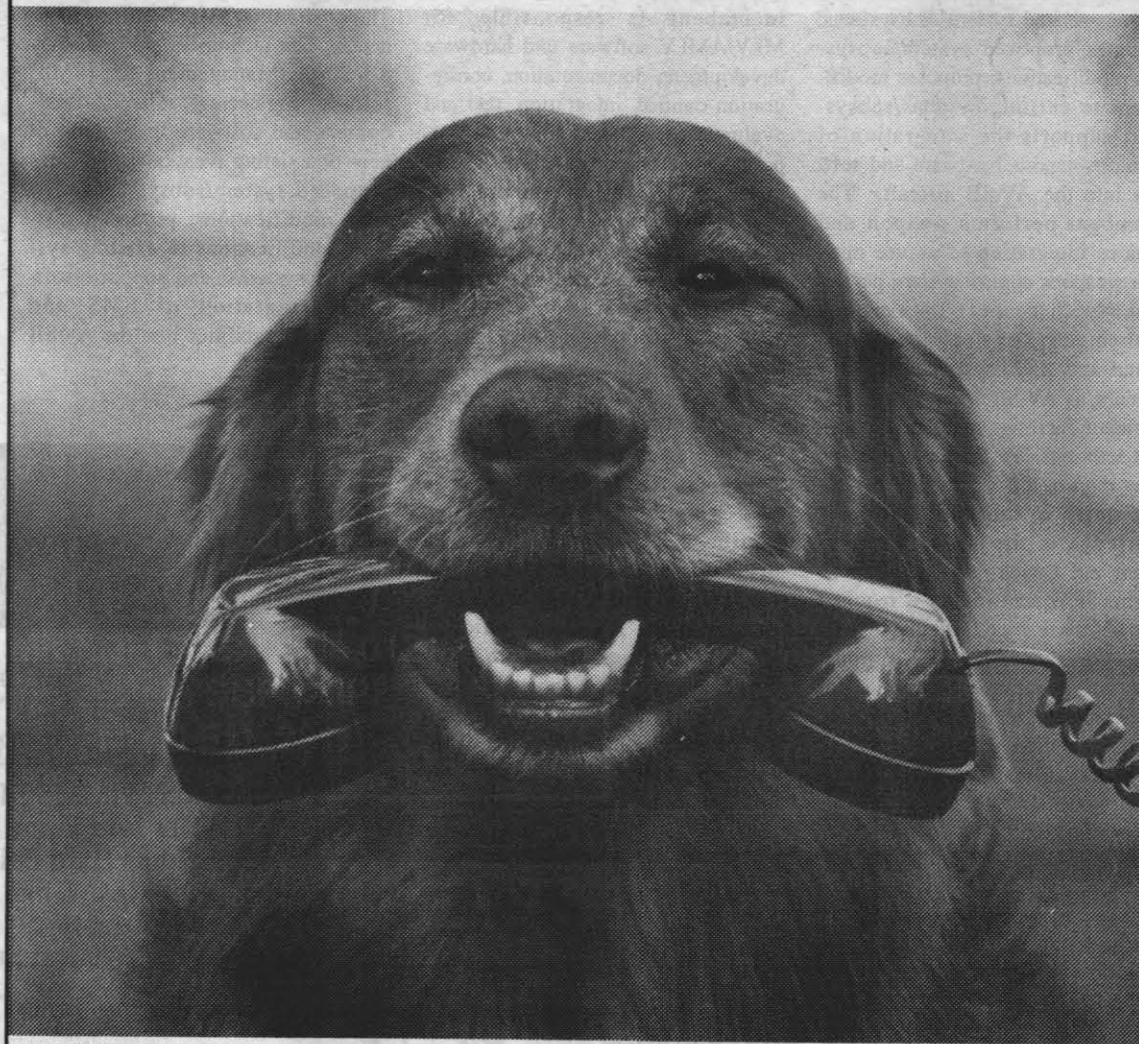
No. 28-003, Secretary (Typing), DG-318-A/1/2, Code 2835 - Position provides secretarial and administrative support to the Head of the Plans and Programs Branch. Also, provides secretarial and administrative support to the Plans and Programs and Resource Analysis Branches. Experience with MacIntosh computers is desirable. Promotion potential to DG-2.

CSUB counselors plan NWC advising

Academic counselors of Cal State Bakersfield will be on Center June 12 to advise current and prospective students in the external degree programs offered by that school.

To make an appointment, telephone Helen Benes at NWC ext. 2648.

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Center residents asked to conserve water

Common sense approach to conservation leads to good management of this vital natural resource at China Lake

With California and the Indian Wells Valley entering the fourth straight drought summer, the Naval Weapons Center's Housing Office in the Public Works Department has developed a common-sense approach to good water management for residents.

As desert-dwellers, Center residents have always been faced with a need for prudent water use; the continued drought simply amplifies the need.

Water users on board NWC are encouraged to use the following recommendations:

- Plant low water usage plants
- Plant ground cover and shrubs rather than grass.

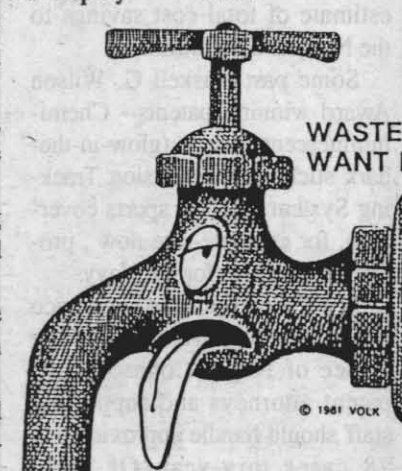
- Use low water flow heads in irrigation systems, located to minimize overspray.

- Have a post-installation maintenance program and regular watering schedule.
- Use borders, flower beds, etc. to catch, retain and use runoff water from lawns.

Other tips for reducing the amount of water used by lawns include:

- Periodically aerating the soil so water can soak in more quickly.
- Using the right type and size of watering equipment.

- Proper placement and regulating of sprinklers.



- Use of a timer to water during periods of low water evaporation.
- Promptly repairing all leaks.
- Keeping sprinkler heads free of grass and other debris.

There are some restric-

tions on watering at NWC. These limits are:

- Residents shall not sprinkle or irrigate unless the watering device is controlled by an automatic shut-off device or a person is home to shut off the water.
- Water users shall not flood all or any part of the premises of another.

Housing area residents can receive citations for excessive watering or irresponsible watering practices. These citations are handled much in the same way as citations for lack of yard upkeep.

Center officials recently completed a review groundwater data and groundwater management practices and stress the need to be responsible users of water resources.

How to help your kids 'just say no'

China Lakers looking for ideas on how to help their children say no to alcohol, tobacco and other drugs can use the following information provided by the Navy Drug and Alcohol Abuse Prevention and Control Division. Clip this article and place it where it can be reviewed often.

One: Talk to your child about alcohol and other drugs. You can help change ideas that "everybody" drinks, smokes or uses drugs.

Two: Learn to really listen. Your child is more likely to talk with you when you give verbal and non-verbal cues to show you're listening.

Three: Help your child develop a good self-image. Praise effort as well as accomplishments and correct by criticizing action rather than the child.

Four: Help your child develop strong values. A strong value system can give children the courage to say no rather than go along with friends.

Five: Be a good role model. Set a good example. A parent's habits and attitudes may strongly affect a child's ideas about alcohol, tobacco and other drugs.

Six: Help your child deal with peer pressure. A child who has been taught to be loving and gentle may need your "permission" to say no to negative peer pressure.

Seven: Make family rules. It's helpful when you make specific family rules about your child not using alcohol or other drugs or smoking. And it's helpful when the child knows the punishment for breaking those rules.

Eight: Encourage healthy, creative activities. Hobbies and school events may prevent your child from using tobacco, drugs or alcohol out of boredom.



SAME chapter slates mine tour of Randsburg's Yellow Aster

On Friday, June 8, the Society of American Military Engineers (S.A.M.E.) is having a trip to a modern-day, high-production gold mining operation located at the old Rand mining district (*Yellow Aster Mine*). The tour, led by Don Harris, mine production manager, will include the foundry operations, open pit mining and the leach fields.

The tour will leave Bldg. 981 Friday at 8 a.m. by bus and will return about at 1 p.m. This tour is first come, first serve for S.A.M.E. members only. There will be room for about 50 people. For membership information, call Ron Gilchrist at NWC ext. 3411, ext. 495. For tour reservations, call Kay Williams at NWC ext. 3411, ext. 366.



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dBASE IV Essentials (lots of dBASE)
80386, The Book (lots on 2/386)
Inside Macintosh (Vols. 1-5 in stock)
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Three patents earn honor

(Continued from Page 1)

that it documents for the Navy, a technique which is key to allowing the use of a microprocessor in a safe-arm device without compromising safety. This technique, which verifies the accuracy of a safe separation delay time that is produced by the microprocessor, was instrumental in permitting the successful design and development of the FMU-139 Bomb Fuze. The fuze has replaced all other bomb fuzes in use by the Navy and Air Force, avoiding the cost of maintaining a number of fuzes in both services. It is estimated \$5-10 million has been saved by the government holding the rights to this patent.

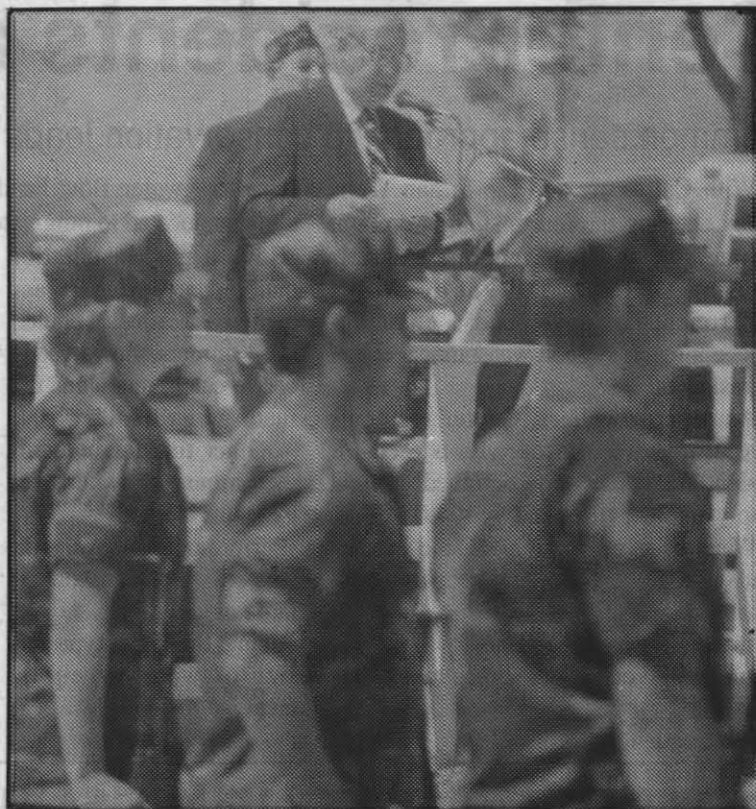
The third award, presented to Jay Bornfleth of the Aircraft Department's Engineering Support Division, cited his "creative contribution which has had substantial benefit to the Federal Government in the area of Remote Auto Braking Systems for Full Scale Aerial Targets (FSATs)." His patented Servo

Type Switching for Remote Automatic Braking System is significant in that it provides auto braking for FSAT Aircraft landing in a No Live Operator condition. When no pilot is on board an aircraft, the patent provides a constant deceleration after touchdown to full stop without endangering the aircraft and airfield facilities. Prior to the patent, Navy FSATs were recovered using their tail hook and airfield arresting gear. The loss of aircraft due to missing the arrestment gear and post landing crash was a high probability, noted the drafter of the patent. Furthermore, the next aircraft selected for drone conversion, the U.S. Air Force's F-86, has no tail hook, nor is its landing gear designed to take the abuse of arrested landings. This suggested a change in the method of FSAT recovery. Cost saving resulting from the patent is measured by comparing cost expenditures that would have occurred to install a talhook system and beefed up landing gear on each

aircraft to the cost for the auto braking system. According to the nomination letter, a conservative estimate of total cost savings to the Navy is \$4.6 million.

Some past Haskell G. Wilson Award winning patents-- Chemiluminescent Device (glow-in-the-dark stick) and Television Tracking System (used in sports coverage), for example--are now , producing royalties for the Navy.

NWC Counsel John Umpingco noted at the current rate, the Office of Patent Counsel's five patent attorneys and supporting staff should handle approximately 78 cases this year. Of those receiving a patent, some have the potential for paying off substantially for the DoD. He stressed the marketing of patented inventions to foreign and domestic markets as a means of strengthening the Navy budget. "Keep those patent requests coming in," he said. "You never know when you're going to hit pay dirt, and remember, 20 percent goes to the inventor."



SALUTE--Members of the Naval Weapons Center's Auxiliary Security Force Honor Guard stand at attention during part of Monday's Memorial Day Services in the Indian Wells Valley. Capt. Harry Parode, USN, Ret. was the guest speaker while Navy League Sea Cadets posted the colors for this annual ceremony honoring the men and women of the U.S. Armed Services who gave their lives in defense of the country and freedom. Photo by Steve Boster

Reassignment opportunities

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

No. 31-028, Interdisciplinary (General/Mechanical/Electrical/Electronics Engineer/Aerospace/Physicist), DP-801/830/850/855/861/1310-2/3, Code 3142 - This position is located in the AV-8B Avionics & Weapons Integration Branch, Systems Integration and Evaluation Division, Aircraft Weapons Integration Department. The incumbent will perform weapons engineering, integration of avionics hardware and weapons related systems/subsystems; evaluates proposed system/subsystems modifications; proposes modifications to existing systems/subsystems; supports the integration of avionics/weapons hardware and software into the AV-8B aircraft. The incumbent performs weapon and avionics integration to assure optimum weapons control system performance with respect to weapons requirements, develops laboratory, ground and flight test requirements pertinent to AV-8B testing at NWC, contractor facilities or other government activities. Performance of these duties require the incumbent to have or acquire a thorough working knowledge of the AV-8B avionics system and a wide range of weapons systems. Frequent contact is required with AV-8B Project Engineers, aircrew, contractors, NWC support codes and government activities for the exchange of technical information and coordination of test events. To apply send an updated SF-171 to G. Gillen, Code 3142.

No. 31-029, Interdisciplinary (General/Electrical/Electronics Engineer/Aerospace/Operations Research Analyst/Mathematician/Computer Scientist/Computer Engineer), DP-801/850/854/855/861/1515/1520/1550-2/3, Code 3142 - This position is located in the AV-8B Avionics & Weapons Integration Branch, Systems Integration & Evaluation Division, Aircraft Weapons Integration Department. The position is MLV/AMLV Project Engineer. The incumbent is responsible for MLV/AMLV software and hardware development, documentation, configuration control, integration, test and evaluation. Aircraft projects supported include the F/A-18, A-7, A-6 and AV-8B. The position also provides project engineering support to other avionics and weapons programs who require a software load capability utilizing the MLV/AMLV. To apply send an updated SF-171 to G. Gillen, Code 3142.

No. 31-030, Interdisciplinary (General/Electrical/Electronics Engineer/Aerospace/Operations Research Analyst/Mathematician/Computer Scientist/Computer Engineer), DP-801/850/854/855/861/1515/1520/1550-2/3, Code 3142 - This position is located in the AV-8B Avionics & Weapons Integration Branch, Systems Integration & Evaluation Division, Aircraft Weapons Integration Department. The MLV/AMLV project team performs software/hardware development, integration, test and

evaluation of the Memory Loader Verifier (MLV) and Advanced Memory Loader Verifier (AMLV). Project products support the F/A-18, A-7, A-6 and A/V-8B programs and fleet users. The position is MLV/AMLV Software Engineer. The incumbent will perform software design and documentation, software integration, software enhancements and software corrections. The incumbent receives guidance and direction from the MLV/AMLV Project Engineer, interfaces with software development engineers, contractors and other government agencies in defining and developing MLV/AMLV software. To apply send an updated SF-171 to G. Gillen, Code 3142.

No. 31-031, Interdisciplinary (Aerospace/Operations Research Analyst/Mathematician/Computer Scientist/Computer Engineer), DP-854/861/1515/1520/1550-2/3, Code 3142 - This position is located in the AV-8B Avionics & Weapons Integration Branch, Systems Integration & Evaluation Division, Aircraft Weapons Integration Department. The position is SMS Software Engineer. The incumbent performs AV-8B Stores Management Set (SMS) software engineering, software development and software integration of new or existing weapons; evaluates proposed system/subsystems software modifications; proposed software modifications to existing systems/subsystems; and supports software integration of SMS and weapons capabilities into the AV-8B

aircraft. The incumbent performs software integration to assure optimum weapons control system performance as specified in weapons requirements; develops laboratory, ground and laboratory test requirements pertinent to AV-8B testing at NWC, contractors facilities and other government activities. Frequent contact is required with the AV-8B Project Engineers, aircrew, contractors, NWC support codes and government activities for the exchange of technical information and coordination of test events. To apply send an updated SF-171 to G. Gillen, Code 3142.

No. 31-032, Interdisciplinary (General/Mechanical/Electrical/Electronics Engineer/Aerospace/Physicist), DP-801/830/850/855/861/1310-2/3, Code 3142 - This position is located in the AV-8B Avionics & Weapons Integration Branch, Systems Integration and Evaluation Division, Aircraft Weapons Integration Department. The position is Avionics Integration Engineer. The incumbent will perform avionics engineering and analysis, software/hardware and related systems/subsystems integration, evaluates proposed avionics systems/subsystems modifications, proposes modifications to existing avionics systems/subsystems and supports integration of avionics hardware and software into the AV-8B aircraft. The incumbent performs avionics integration to assure optimum weapons control system performance with respect to weapons requirements, develops

laboratory, ground and flight test requirements pertinent to AV-8B testing at NWC, contractor facilities or other government activities. Performance of these duties require the incumbent to have or acquire a thorough working knowledge of the AV-8B avionics and weapons control system. Frequent contact is required with AV-8B Project Engineers, aircrew, contractors, NWC support codes and external government activities for the exchange of technical information and coordination of test events. To apply send an updated SF-171 to G. Gillen, Code 3142.

New open season for TSP enrollment

Open season for enrollment or change in election in the Thrift Savings Plan (TSP) will start May 15 and close July 31. Pamphlets are being distributed to all employees.

TSP is a plan that provides an employee with an opportunity to save money on a tax-deferred basis in order to supplement annuity benefits from the FERS Basic Benefit Plan and Social Security, or CSRS, if applicable.

Employees who want to enroll or change their current election should contact their PMA or Virginia Spille at NWC ext. 2592.

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• CAL STATE CHICO

- CSCI 171 COMPUTER ARCHITECTURE Structured Computer Organization Beg: June 2
- CSCI 172 SYSTEMS ARCHITECTURE Multiple Processor Systems for Real Times Beg: June 30
- CSCI 223 ARTIFICIAL INTELLIGENCE Artificial Intelligence Beg: July 7

• CAL STATE BAKERSFIELD

- ADM 620 FINANCIAL DECISION MAKING IN ORGANIZATIONS Textbook TBA Beg: June 18
- MIS 477 MANAGEMENT INFORMATION SYSTEMS Management of Information Systems SENIOR SEMINAR IN BUSINESS ADMINISTRATION Textbook TBA



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Promotional opportunities

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

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

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

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

No. 22-003, Personnel Clerk/Assistant (Typing), DG-203-A/1/2, Code 226 - Incumbent performs the following duties for a major department(s): processes all actions affecting appointments, pay setting, separations, conversions of appointment, etc; performs competitive and noncompetitive qualification ratings; performs ranking and may conduct ranking/selection panels; and drafts vacancy announcements for recruitment. At the higher levels, incumbent advises and recommends to supervisors and managers recruitment options for certain occupations (e.g. clerical); participates in various phases of crediting

plan development. **Job Relevant Criteria:** Knowledge of personnel policies and procedures related to staffing; ability to plan, organize, and accomplish work independently; ability to perform a variety of clerical/technical functions; ability to research, comprehend, and apply complex regulatory information. Promotion potential to DG-3.

No. 36-008, Supervisory Research Physicist/Mechanical Engineer, DP-1310/830-3/4, Code 3894 - This position is that of Head of the Warhead Dynamics Branch in the Engineering Sciences Division of the Research Department. The branch conducts research on phenomena associated with the

Electronic Branch of the Systems Engineering Division of the Engineering Department. This section is responsible for analysis, test, evaluation, and production support on the Rolling Airframe Missile (RAM) Program. The duties of the section include resolving technical production support problems at United States and Foreign government based contractor plants entering initial production. The incumbent will supervise a small group of engineers and technicians and provide the overall technical lead. **Job Relevant Criteria:** Knowledge of analog and digital circuit design and analysis techniques; knowledge of and willingness to support NWC EEO program goals and objectives; ability to plan and schedule work as a key team member; ability to communicate with technical and management personnel; ability to supervise. The incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-3.

No. 36-009, Interdisciplinary (Mechanical/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician), DP-830/855/861/1310/1515/1520-3/4, Code 36251 - Area of consideration limited to 03 Directorate only. This position is Deputy Systems Analysis Manager of the Harpoon and SLAM programs. Duties involve leading a team of engineers and scientists in assessing system performance, determining system requirements, and evaluating potential product improvements. Current areas of investigation include survivability, lethality, mission planning, aircraft integration, autonomous target recognition and countermeasures. The position involves extensive interfacing with program sponsors, Navy labs, and contractors. The ability to obtain a top secret security clearance is required. **Job Relevant Criteria:** Knowledge of systems engineering and analysis; ability to communicate orally; ability to communicate in writing. Promotion potential to DP-4, but not guaranteed.

No. 38-001, Supervisory Research Physicist/Mechanical Engineer, DP-1310/830-3/4, Code 3894 - This position is that of Head of the Warhead Dynamics Branch in the Engineering Sciences Division of the Research Department. The branch conducts research on phenomena associated with the

dynamic behavior of conventional warheads and their subsequent interactions with target structures. The research includes both fundamental and applied investigations in the fields of warhead behavior; blast effects in various media; impact and penetration mechanics especially under hypervelocity conditions; the response of structures to intense loading conditions; material behavior under extremely high rate of strain; and the methodology of damage prediction. **Job Relevant Criteria:** Knowledge of and research experience in shock phenomena; knowledge of failure mechanisms in solids; knowledge of detonation theory; knowledge of damage assessment methodologies; knowledge of response of structures and materials to impact and explosive loading; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to present research results to the engineering needs of the weapons community; ability to manage several major projects performed by teams consisting of seven to ten scientists and technicians. The incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4.

No. 39-012, INTERDISCIPLINARY (GENERAL/MECHANICAL/ELECTRONICS/AEROSPACE ENGINEER/PHYSICAL SCIENTIST/PHYSICIST), DP-801/830/850/855/861/1301/1310-3, CODE 39B3 - This position is in the MHIP Project Office, Intercept Weapons Department. The incumbent will provide simulation management support to the program, provide technical direction, integration and coordination for all areas of common seeker simulation taskings. Incumbent will help develop an IR Seeker that can be integrated onto both the Sparrow and Standard Missiles, with tasking areas to include the following: IR search acquisition, track, end game, digital trackers, signal processing, HWIL, and 6-DOF. Another responsibility will be to coordinate common seeker development simulation efforts, with those of Sparrow integration at NWC with Standard integration simulation efforts at APL. Incumbent will report to the MHIP Project Office System Engineer. Previous experience in full scale development is desirable. **JOB RELEVANT CRITERIA:** Knowledge

of simulation methods and techniques; Ability to interface effectively with management and contractors; Ability to lead; Ability to communicate effectively orally and in writing.

NO. 39-013, CLERK (TYPING), DG-303-1, CODE 39B10 - This position is located in the Sidewinder Project Office, Intercept Weapons Department. The incumbent provides clerical assistance such as: preparing travel orders, filing, miscellaneous typing and telephone duties. Promotion potential to DG-2, but not guaranteed. **JOB RELEVANT CRITERIA:** Knowledge of NWC travel procedures; Knowledge of NWC and Code 39 filing and correspondence procedures. RECRUITMENT/CONSIDERATION IS LIMITED TO LABORATORY DIRECTORATE (03). APPLICANTS WHO PREVIOUSLY APPLIED UNDER ANNOUNCEMENT NUMBER 39-010 NEED NOT REAPPLY.

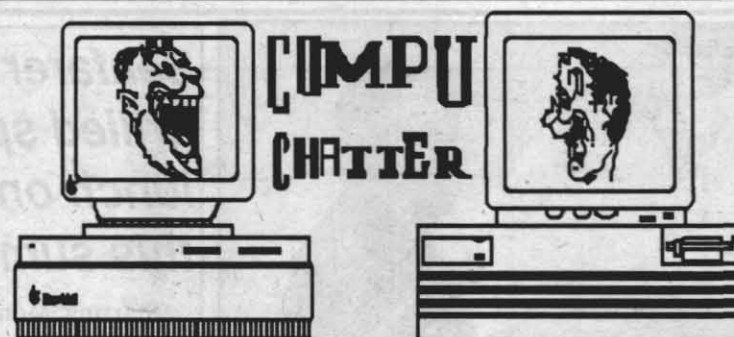
Students need local hosts for summer

Scientists and engineering students are now being employed by the Naval Weapons Center through the Navy-sponsored Centralized Co-operative Education Program (CCEP).

These students are recommended by their respective universities through the university's Co-operative Education Office. An important criteria is the student must maintain an acceptable grade point average.

The students are entry level employees with a starting salary of \$5.76 to \$7.01 per hour and they do not receive any compensation for housing and living expenses.

These students are not from our area, the housing issue makes it difficult for them to move to NWC for the three month employment period. If you are interested in being a host family to one of these students or would like more details, please contact Debi Beck, Co-operative Education Coordinator, Naval Weapons Center, Code 22502, NWC ext. 3371/3372



Sponsored By: PC Lab, Code 2703 NWC ext. 6631

Lookout, Infected Software

For those of you that subscribe to Diskworld by SoftDisk Publishing, Issue #21 is infected with the WDEF virus.

Virus Alert !!!!!

Word has just arrived that a new Macintosh virus is on the horizon. The MDEF or "Garfield" virus was first discovered less than two weeks ago at Cornell University. Do not confuse MDEF and WDEF due to their similar names; they are two completely different viruses.

Due to some of the machine specific nuances of MDEF, portions of the following description are excerpted from the May 20, 1990 Disinfectant 1.8 release notes.

MDEF infects both applications and the System file. It does not infect document files. The Finder and DA Handler also usually become infected. The System file becomes infected as soon as an infected application is run. Other applications become infected when they are run on an infected system.

As with all of the other known Macintosh viruses, MDEF does not intentionally attempt to do any damage, but it is still harmful. MDEF does not beep, display messages or pictures, or do anything other than spread from file to file.

For technical reasons, MDEF only spreads on certain Macs. It causes the old Mac 128K and 512K machines to crash. It spreads "successfully" on the Mac 512KE, Plus, SE, SE/30, II, IIfx, and IIfx+. However, on the Mac IIfx and IIfx+, MDEF will spread from infected applications to uninfected System files, but does not spread from infected systems to uninfected applications. The Mac Portable has not yet been tested with MDEF; Portable users beware.

MDEF has an unfortunate side effect on Vaccine-protected systems. When an infected application is run, Vaccine properly notifies you of the attack, but it only blocks part of MDEF's attempt to infect the System file. In this situation, MDEF cannot spread to applications. However, the System file has been damaged and

the menus will stop working properly; when you click the menu bar, no menu pops down. Specifically, menus will continue to work only in infected applications, they will not function properly in uninfected applications or in the Finder. Disinfectant 1.8 and GateKeeper are both effective in detecting

MDEF and repairing the damage left in its wake.

Aren't viruses fun? For your protection, Disinfectant is available to you through the PC Lab. It is public domain software and is available at no cost. Contact the PC Lab at NWC ext. 6631 for instructions on how to get Disinfectant 1.8.

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Information Systems Group leads effort

(Continued from Page 4)

for updates, much like *Chooser* (even when run in background mode). Help limit traffic on the net by keeping these applications open only as long as needed.

- Let Dave Allen, NWC ext. 3091, know if a site might benefit from change or upgrade. It could easily benefit the entire network.
- Make sure *FastPath* has its own power source so it's not turned off and on each day with a computer.
- Please be patient and keep those trouble calls coming in to NWC ext. 2338!



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Sheriff honors IWV team

(Continued from Page 1)

Bakersfield luncheon to receive the award.

The search and rescue unit was commended for the exemplary training and expertise exhibited by members, making the unit ready, willing and able to respond in emergency situations.

Besides rescuing the lost and injured, unit members provide safety demonstrations and presentations to valley residents and students. An integral part of the valley's disaster preparedness program, the unit trains twice monthly for readiness in emergencies.

The search and rescue organization got its start in the valley in 1964. Membership consists entirely of volunteers who are made special deputies of the Kern County Sheriff's Department. Many, including Young and Paull, are NWC employees.

The unit enjoys a "handshaking" relationship with NWC--in return for a meeting place, utilities, and a place to park their equipment on-Center, they are available to assist their host when requested. For example, they recently put on a safety demonstration for Range Department employees.

The award was appreciated by the team, not only for the pride of being recognized for a good job, but also for the publicity it gives the organization. IWVSAR is funded through the United Way Campaign and private donations. "This kind of recognition lets people know we are out there performing a critical service," noted Paull.

Hopefully, not every valley resident will need to be pulled out of a mine or rescued from the desert and surrounding hills.

Those who do venture out should hold a healthy respect for the harsh environment, note rescue team members.

"If you go anywhere off the main roads, take water, and please tell someone where you are going and when you expect to be back."

Thanks to these dedicated volunteers, valley residents and visitors can be reassured that help is on the way should they ever need it.

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SPECIAL DEPUTIES HONORED--IWVSAR Unit Captain Jerry Young accepts commendation for the unit's exemplary training and expertise from John R. Smith, Kern County Sheriff. Roy Parris, head of NWC's Safety and Security Department, and John Paull, the unit's co-captain (standing left) also attended the awards luncheon.

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Seafarer offers grilled special lunch on lanai this summer

Starting Monday, enjoy a grilled top sirloin steak or chicken breast on the Seafarer Club's lanai. In addition to the entree, enjoy baked beans, potato salad, Texas toast and a cool glass of iced tea or lemonade. As long as the weather is nice, this outdoor barbeque will take place every Monday throughout the month of June. For more information, call the club at 446-6929.



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Survey asks O'Club support & choice

For many years, the Naval Weapons Center's Officers' Club was a principal focal point for social activity until it was forced to suspend operations about a year ago. Recognizing there is an interest in reopening the club if it is financially practical to do so, Capt. Douglas W. Cook, NWC Commander, formed a task group this past winter to look into possible options.

Task group explored many options...

This task group, made up of interested and supportive officers and civilians, has contacted numerous other activities in all three services, consulted extensively with headquarters activities and with private-sector experts, and has assessed a host of varied ideas for reestablishing a viable club operation. The results of these explorations are reflected in two basic options, described below. These options are believed to offer a potential for meeting social and recreational needs at the Center, but can succeed only if a substantial level of patronage can be attained.

Please read how these two basic options would work. Accompanying this issue of the *Rocketeer*, is a brief questionnaire. Answers to this questionnaire will be essential in determining whether there is a sound basis for resuming operation of an enterprise that, while it might not literally be an "Officers' Club" anymore, would restore some of the dining and social amenities the Center lost when the club shut down.

The two options the task group thinks might succeed are:

Option 1: Consolidate all "club" activities at the Seafarer. An addition to the existing Seafarer Club could be built. The result would be a common dining area for all patrons, with separate bar/lounge areas for officers, chief petty officers and enlisted personnel, with civilians of equivalent rank also utilizing these separate bar/lounge areas. A number of other shore activities are taking this approach -- consolidating all clubs with the intent of maximizing the probability that at least one unified club can survive financially. As is discussed later, financial survival is likely to be a major challenge over the next several years.

Option 2: Reopen the Officers' Club in its present loca-

tion as one occupant of a multi-use building. This concept would leave the Seafarer Club "as is," while reopening a portion of the existing Officers' Club building as a dining and social facility for all who are interested in patronizing it. The idea would be to use parts of the 20,000 square foot building for conference rooms and for a weapons display exhibit, with a dining facility located in what has been the club's main dining room. Proponents suggest this would offer a relatively "elegant" dining facility serving lunch and evening meals in the traditional sit-down fashion, to entertain family or official visitors, with the added attractions of on-site conference facilities and an exhibit of locally designed weaponry for the interest of families, official visitors and the public. This would not be literally an Officers' Club, but would have the prestige of one.

The dwindling patronage that forced the Officers' Club's closure is sometimes ascribed by former club members to things like poor service, mediocre food and limited hours of operation such that many patrons became "turned off" and looked elsewhere for dining and entertainment. It has also been ascribed to the relocation of most of NWC's civilians off the base (civilian patronage used to make up 80 percent of the club's total volume of business), the though being once people have left the base at the end of the workday, they don't come back in the evening.

However, similar things have been happening at many other

installations. Military clubs have an unusual financial structure in that certain parts of their costs can be covered by the operating funds available to the Center (Congressionally appropriated or "government" money) while other costs -- actually most of the club's costs of operation -- have to be covered by revenues actually generated by the club. If not enough revenue is generated to cover these costs, the club -- as was the case with NWC's Officers' Club -- may have to reduce its level of service, variety of food offerings and hours of operation in an attempt to stay afloat. Again, as happened with our club, these cutbacks drive away more customers and the cycle becomes a downward spiral leading eventually to suspension of operations.

Self-sufficient operations will be required for any O' Club at NWC...

In recent years, this has happened more frequently because the level of "government money" support to the clubs has been reduced in accordance with Congressional direction. By 1991, this appropriated-fund support will be at zero; the club must be fully self-sufficient. It must bring in enough revenue to cover all operating costs with sufficient profit left over and accumulated to allow for modernization and improvements in the future. This is extremely important to any initiative to reopen the club. It's not enough that a few people want to

see it open again. There has to be a sizeable customer base. The task group fully recognizes such a customer base will be sustained only if the revived club operation is a "class act," offering high quality food, attractive surroundings and a positive social atmosphere.

This is why the answers to the brief questionnaire that accompa-

nies this issue of the *Rocketeer* are so critically important. People interested in replacing what we lost when we lost the Officers' Club, and who are willing to support and patronize a renewed club, should fill out this questionnaire. Comments or suggestions are most welcome; space is provided for these at the bottom of the questionnaire.

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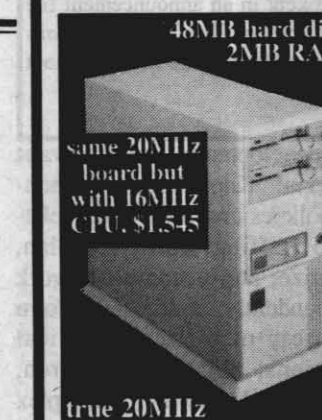
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Community events

In celebration of American Heritage Week, the Maturango Museum is hosting a special Sunday Adventure on June 3 from 3 to 4 p.m. A theatrical presentation by LL & Co., with Linda Lou Crosby, Ricky Parks, Tony Garcia and others, will honor the many wonderful and courageous characters who helped shape the history of our country on the battlefield. Admission is free to members of the museum and for non-members, the cost is \$1 per adult and 50 cents for children.

Cerro Coso Community College's 17th annual commencement exercises are slated for tonight, June 1, at 6 p.m. on the north lawn of the campus. A reception will be held immediately following the ceremony.

On Monday, June 4, the Kern County Health Department in Ridgecrest (250 W. Ridgecrest Blvd.) will hold its monthly immunization clinic from 8:30 to 11 a.m. and from 1 to 3 p.m. Another clinic is scheduled from 8:30 to 11 a.m. on Monday, June 18.

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5

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First Aid and CPR classes set

Cerro Coso, NWC and Red Cross join to train community residents

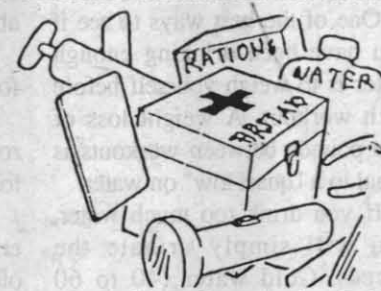
I remember reading once, years ago, of a truly tragic and pointless death. A 15 year old boy, working on his parents' farm, received a severe laceration to his right leg. The boy's father, seeing his son injured, placed a towel over the bleeding leg and helped him into the back seat of the family car. The hospital was 35 miles away. His son complained of the pain at first, and then seemed to settle down for the rest of the trip to the hospital. When they arrived at the hospital, the doctors and emergency room staff worked feverishly on the boy. He died shortly after arrival. Cause of death? Shock -- due to severe blood loss.

How could this tragedy have been prevented? The father, not having had any first aid training, did nothing to actually stop or control the bleeding. The towel he had placed over the injury did little more than absorb the blood. The doctors who treated the boy agreed that if direct pressure to the injury had been applied immediately, the towel applied as a pressure dressing, and the leg elevated on the way to the hospital, the boy would have lived.

A tragic and pointless death? Only if we don't learn from our mistakes. The father did not have any first aid training. *Do you?* How about CPR training?

Far too often those persons who witness or are the first to arrive on the scene of an emergency are not trained to give proper and immediate emergency care. Although emergency medical services are available on the

Naval Weapons Center and in Ridgecrest, it may take several minutes or longer for advanced medical personnel to arrive on an emergency scene. Quick and skillful delivery of cardiopulmonary resuscitation (CPR) and/or first aid by you in these critical minutes could mean the difference between life and death.



Cerro Coso Community College, in conjunction with the Safety Program Office (Code 2405) and the American Red Cross is presenting *Standard First Aid/CPR* training June 11 through Aug. 17. These 8-hour classes will run from 7:30 a.m. to 4:30 p.m. Monday through Friday in the NWC Training Center. Registration is open to the entire Ridgecrest community at no cost. Participants do not have to be NWC employees to attend, but must be at least 16 years of age to be certified. Upon completion, participants will be given both Standard First Aid and adult CPR certification cards. Completion will serve as initial certification and/or annual recertification.

Participants should come to class in comfortable clothing (pants) as there will be a great amount of "hands-on" practice with manikins on the floor. Participants should not attend class if they have a cold, sore throat, fever blister, cold sore or symptoms of any infectious disease.

Prior to attending class, participants should thoroughly review the textbook *Standard First Aid* on which the course and written test will be based. There will be little time during the class to study the content. Books can be purchased from the Cerro Coso College bookstore or the American Red Cross. If you choose not to purchase your own copy, the Safety Program Office, corner of Nimitz and Hussey, has several available for temporary check-out.

CPR and First Aid saves lives. You will become a very important part of the emergency care team as you learn the practical skills to render appropriate, life-saving care. There is no other training as basic and as valuable for the entire community.

If you have sign up for a class and are unable to attend, please advise the Safety Program Office so this training is available to as many people as possible.

To reserve a space in class, call 939-2315 (NWC ext. 2315). By the Safety Program Office

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•Ready, Set, Get Wet!
For the weekend pool hours, call 939-6542.
•Seafarer Lunch Special- Submarine Sandwich

Saturday, June 2nd

•Golf Course June Retail Sale X2990
•Matinee, All Dogs go to Heaven, NWC Theater 2:00 p.m., 939-2909

Sunday, June 3rd

•Military Bowling League-for info, X3471

Monday, June 4th

•Reuben Sandwich Special, Mondays, Seafarer
•Chick'n Grilla Sandwich Lunch Special-Seafarer
•Grilled Steak/Chicken on the Lanai 11 am to 1 pm-Seafarer

Tuesday, June 5th

•CRAFTTECH Daytime Classes-Sign-up Today!
•Well Animal Clinic-CRAFTTECH 10 am to 3 pm X3252
•BINGO-Seafarer, 7:00 p.m. X2581
•Seafarer-Turkey Supreme Sandwich Lunch Special

Wednesday, June 6th

•Seafarer Club-California Beef Sandwich Lunch Special

Thursday, June 7th

•Family night-Thursdays-O'Club Pool Open to All 6pm X2581
•Seafarer-French Dip Sandwich Lunch Special

•SHOTGUN•

LIVE BAND-TOP 40 JAMS
the Seafarer-June 8th-9 p.m.-1:00 a.m.
For further info, x2581

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110MB, 18ms

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Summer heat poses real health threat

China Lakers can use the heat index chart that accompanies this article to better understand how summer's heat can affect their productivity and health. The chart also has tips for avoiding heat disorders.

Chart courtesy Range Metrology Office

| | | RELATIVE HUMIDITY (%) | | | | | | | | | | | | | | | | | | | HEAT INDEX (OR APPARENT TEMPERATURE) |
|-----|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|
| | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
| A | 140 | 125 | | | | | | | | | | | | | | | | | | | |
| 135 | 120 | 128 | | | | | | | | | | | | | | | | | | | |
| 130 | 117 | 122 | 131 | | | | | | | | | | | | | | | | | | |
| 125 | 111 | 116 | 123 | 131 | 141 | | | | | | | | | | | | | | | | |
| 120 | 107 | 111 | 116 | 123 | 130 | 139 | 148 | | | | | | | | | | | | | | |
| 115 | 103 | 107 | 111 | 115 | 120 | 127 | 135 | 143 | 151 | | | | | | | | | | | | |
| 110 | 99 | 102 | 105 | 108 | 112 | 117 | 123 | 130 | 137 | 143 | 150 | | | | | | | | | | |
| 105 | 95 | 97 | 100 | 102 | 105 | 109 | 113 | 118 | 123 | 129 | 135 | 142 | 149 | | | | | | | | |
| 100 | 81 | 83 | 85 | 87 | 89 | 91 | 94 | 96 | 98 | 101 | 104 | 107 | 110 | 114 | 119 | 124 | 130 | 136 | | | |
| 95 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 |
| 90 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
| 85 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 |
| 80 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 75 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 70 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 65 | -13 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 60 | -23 | -22 | -21 | -20 | -19 | -18 | -17 | -16 | -15 | -14 | -13 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 |
| 55 | -33 | -32 | -31 | -30 | -29 | -28 | -27 | -26 | -25 | -24 | -23 | -22 | -21 | -20 | -19 | -18 | -17 | -16 | -15 | -14 | -13 |
| 50 | -43 | -42 | -41 | -40 | -39 | -38 | -37 | -36 | -35 | -34 | -33 | -32 | -31 | -30 | -29 | -28 | -27 | -26 | -25 | -24 | -23 |
| 45 | -53 | -52 | -51 | -50 | -49 | -48 | -47 | -46 | -45 | -44 | -43 | -42 | -41 | -40 | -39 | -38 | -37 | -36 | -35 | -34 | -33 |
| 40 | -63 | -62 | -61 | -60 | -59 | -58 | -57 | -56 | -55 | -54 | -53 | -52 | -51 | -50 | -49 | -48 | -47 | -46 | -45 | -44 | -43 |
| 35 | -73 | -72 | -71 | -70 | -69 | -68 | -67 | -66 | -65 | -64 | -63 | -62 | -61 | -60 | -59 | -58 | -57 | -56 | -55 | -54 | -53 |
| 30 | -83 | -82 | -81 | -80 | -79 | -78 | -77 | -76 | -75 | -74 | -73 | -72 | -71 | -70 | -69 | -68 | -67 | -66 | -65 | -64 | -63 |
| 25 | -93 | -92 | -91 | -90 | -89 | -88 | -87 | -86 | -85 | -84 | -83 | -82 | -81 | -80 | -79 | -78 | -77 | -76 | -75 | -74 | -73 |
| 20 | -103 | -102 | -101 | -100 | -99 | -98 | -97 | -96 | -95 | -94 | -93 | -92 | -91 | -90 | -89 | -88 | -87 | -86 | -85 | -84 | -83 |
| 15 | -113 | -112 | -111 | -110 | -109 | -108 | -107 | -106 | -105 | -104 | -103 | -102 | -101 | -100 | -99 | -98 | -97 | -96 | -95 | -94 | -93 |
| 10 | -123 | -122 | -121 | -120 | -119 | -118 | -117 | -116 | -115 | -114 | -113 | -112 | -111 | -110 | -109 | -108 | -107 | -106 | -105 | -104 | -103 |
| 5 | -133 | -132 | -131 | -130 | -129 | -128 | -127 | -126 | -125 | -124 | -123 | -122 | -121 | -120 | -119 | -118 | -117 | -116 | -115 | -114 | -113 |
| 0 | -143 | -142 | -141 | -140 | -139 | -138 | -137 | -136 | -135 | -134 | -133 | -132 | -131 | -130 | -129 | -128 | -127 | -126 | -125 | -124 | -123 |

| CATEGORY | APPARENT TEMPERATURE °F | HEAT SYMPTOMS | SAFETY TIPS |
|----------|-------------------------|---|--|
| I | 130°F or higher | HEATSTROKE OR SUNSTROKE IMMINENT | SLOW DOWN—STRENUOUS ACTIVITIES SHOULD BE REDUCED OR RESCHEDULED TO A COOLER TIME OF DAY. |
| II | 105°F to 130°F | SUNSTROKE, HEAT CHILLS, OR HEAT EXHAUSTION LIKELY. HEATSTROKE POSSIBLE WITH PROLONGED EXPOSURE AND PHYSICAL ACTIVITY. | DRESS FOR SUMMER—LIGHTWEIGHT, LIGHT-COLORED CLOTHING REFLECTS HEAT AND SUNLIGHT, AND HELPS YOUR BODY MAINTAIN NORMAL TEMPERATURES. |
| III | 90°F to 105°F | SUNSTROKE, HEAT CHILLS AND HEAT EXHAUSTION POSSIBLE WITH PROLONGED EXPOSURE AND PHYSICAL ACTIVITY. | EAT PROPERLY—FOODS (LIKE PROTEINS) THAT INCREASE METABOLIC HEAT PRODUCTION ALSO INCREASES WATER LOSS. |
| IV | 80°F to 90°F | FATIGUE POSSIBLE WITH PROLONGED EXPOSURE AND PHYSICAL ACTIVITY. | DRINK PLENTY OF WATER OR NON-ALCOHOL FLUIDS EVEN IF YOU DO NOT FEEL THIRSTY. YOUR BODY NEEDS WATER TO KEEP COOL. DO NOT DRINK ALCOHOLIC BEVERAGES. |

NOTES: SINCE HEAT INDEX VALUES WERE DEVELOPED FOR SHINY, LIGHT SKIN CONDITIONS, EXPOSURE TO FULL SUNSHINE CAN INCREASE HEAT INDEX VALUES BY UP TO 15°F. ALSO, STRONG WINDS, PARTICULARLY WITH VERY HOT, DRY AIR, CAN BE EXTREMELY HAZARDOUS.

STUDIES INDICATE THAT, OTHER THINGS BEING EQUAL, THE SEVERITY OF HEAT STROKES TENDS TO INCREASE WITH AGE...HEAT CHILLS IN A 17 YEAR OLD MAY BE HEAT EXHAUSTION IN SOMEONE 40, AND HEAT STROKE IN A PERSON OVER 60 YEARS OLD.

| HEAT DISORDER | Symptoms | First Aid |
|-----------------|--|--|
| SUNBURN | REDNESS AND PAIN. IN SEVERE CASES SWELLING OF THE SKIN, BUBBLING, PEELING, AND HEADACHES. | COOL DOWN FOR MILD CASES. IF BUBBLES APPEAR DO NOT BREAK. IF HEALING OCCURS, APPLY DRY STERILE DRESSING. |
| HEAT CHILLS | PAINFUL SPASMS USUALLY IN MUSCLES OF LEGS AND ARMS POSSIBLE. HEAVY SWEATING. | FIRM PRESSURE ON CRAMPING MUSCLES, OR GENTLE MASSAGE TO RELIEVE SPASMS. GIVE SIPS OF SALT WATER (1 TSP PER GLASS) EVERY 15 MINUTES FOR 1 HOUR. |
| HEAT EXHAUSTION | HEAVY SWEATING, WEARINESS, SKIN COOL, PALE AND CLAMMY. PULSE THROTTLE. PAINTING AND VOMITING. NORMAL TEMPERATURE POSSIBLE. | GET VICTIM OUT OF SUN. LIE DOWN AND LOOSEN CLOTHING. APPLY COOL, WET CLOTHS. FAN OR MOVE VICTIM TO AIR CONDITIONED ROOM. SIPS OF SALT WATER (1 TSP PER GLASS OF WATER EVERY 15 MINUTES FOR 1 HOUR). IF VOMITING CONTINUES, SEEK IMMEDIATE MEDICAL ATTENTION. |

Summer months in the Indian Wells Valley can become very hot. Last year, the temperatures ranged up to 118 degrees. During the upcoming hot months, it is especially important that individual bodies have water balance (have the proper amount of body water) prior to a workout. It is difficult for the body to sweat fast enough to get rid of heat if it doesn't have enough water to produce adequate sweat. Be sure to drink water before, during and after any activity which requires the body to work.

One of the best ways to see if you have been drinking enough water is to weigh yourself before each workout. A weight loss of two pounds between workouts is equal to a "quart low" on water.

If you drink too much water, you will simply urinate the excess. Cold water (40 to 60 degrees) is absorbed faster than warmer water, but independent of temperature, make sure you drink adequate amounts of fluid. More is better than less.

The opposite is true for salt. Sweat is a very dilute salt solution because the body loses more

water than salt during exercise. This is why replacing water is more important than replacing salt during exercise. Salt can be replaced at mealtime. Do not use salt tablets. If you feel you need additional salt, simply shake more on your food at your next meal.

What about those commercially available electrolyte drinks? Are they a better way to replace the fluid lost in exercise? Generally, water is all you need. In fact, some electrolyte drinks contain so much sugar they are actually absorbed more slowly than water.

The following are guidelines for exercise in heat and humidity.

•Do not exercise in an environment that will not allow heat loss.

•When very hot, humid weather is forecast, choose a cooler part of the day to exercise.

•Gradually increase your exposure to the heat and humidity over a period of seven to 10 days.

•Wear light, cotton clothing to facilitate evaporation of sweat.

•Use your target heart rate as a guide to change the intensity of exercise.

CTA's 9th, 10th, & 11th, Kerr-McGee's 8th, and ...

If you think The Water District recently bought their 14th computer system from us because they wanted local service, you might wonder why, when CTA needed two 12MHz AT computers for the Paris Air Show, they chose our systems. Whether it's...

- Entron's 9th & 10th (two 486 workstations early this month)
- Data Map System's 6th
- University of Alaska's 18th
- Comarco's 20th 25MHz 386
- or CTA's 9th, 10th & 11th (three 386 workstations bought this week)

they buy our computer systems for the same reasons...

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- ★ HOT BUNS CONTEST
WEDNESDAY, JUNE 6
- ★ WET T-SHIRT CONTEST
WEDNESDAY, JUNE 13
- ★ DANCE CONTEST
THURSDAY NIGHTS

Mac User Group addresses accreditation, viruses, training and networking at NWC

Experts will discuss Mac procedures and training at the June meeting of the Macintosh User Group at 2:30 p.m. on Monday, June 4, in the Michelson Lab Management Center.

Rose Benjes of the Safety and Security Department will discuss accreditation for the Mac.

Sharon Hicks of the PC Lab will give an update on computer viruses. She will

discuss the viruses that have been found on the Center's Macs and recommend procedures/software to guard against infection.

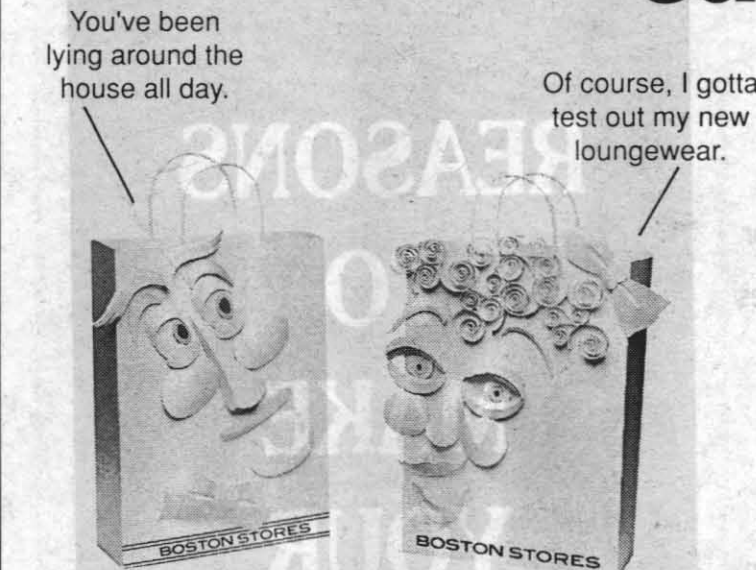
Daryl Vaughn of the Training Center will speak briefly on training opportunities

for beginning and advanced Mac users. David Allen of the Networking Services Office will discuss progress and problems in linking NWC's Macs with other computers to facilitate the NWCNet.

Slip into something more comfortable. The Semi-Annual Intimate Apparel Sale.

Save **25-50%** off.

Save on loungewear, sleepwear, daywear, foundations and more.



LOUNGEWEAR

Selected lounge dresses from I. Appel. Sizes S-XL. Orig. to \$42. Sale 33% off.

SLEEPWEAR

Spring sleepwear. A wide variety of silhouettes in knit, tricot and poly/cotton blends. Orig. to \$26. Sizes S-L. Sale 50% off.
Nicole and Jennifer Dale 2-piece sleepwear sets. Choose from a selection of styles including camisole with tap pant sets and babydolls in poly/cotton blends. Sizes S-L. Orig. to \$24. Sale \$15.97.
Famous maker sleepwear. Choose from a variety of styles and fabrics. Sizes S-XL. Orig. to \$36. Sale 33-50% off.
Cotton blend pajamas. Classic and shorty styles in a variety of prints. Sizes S-XL. Reg. to \$22. Sale 40% off.*

Selected satin sleepwear. Contemporary styles in sizes S-L. Orig. to \$34. Sale 40-60% off.

DAYWEAR

Selected panties. A wide selection including bikinis and briefs in tailored and lace trim styles. Sizes 5-9. Orig. to \$6. Sale 33% off.
Olga cotton briefs. Sizes 5-7. Reg. \$7.50. Sale 33% off.*
Entire stock of Lollipop panties. Reg. to \$5. Sale 25% off.*
Entire stock of regular price Deena, Indulgence and Warner's daywear. Sale 33% off.*
Lorraine "Snip It" slips. Adjustable hemlines in full and half slips. Reg. to \$14. Sale 33% off.*
Selected famous maker daywear. Camisoles and half slips in a variety of lengths and colors. Orig. to \$18. Sale 33% off.

FOUNDATIONS

Entire stock of regular price WOW bras by Playtex Limited. Sale 33% off.*
Entire stock of regular price Playtex foundations. Including "Cross Your Heart," "18 Hour," "Super Look" and "I Can't Believe It's A Girdle" styles. Sale 25% off.*
Entire stock of regular price Olga foundations. Sale 33% off.*
Entire stock of Vanity Fair bras. Sale 33% off.*
Entire stock of regular price Exquisite Form foundations. Including "Lose It," "Magic Lady" and "Fully" styles. Sale 25% off.*
Famous maker foundations. Choose from a variety of bras and girdles. Sale 33-50% off.*

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

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Cooler weather cuts down Sierra fish take

According to the Bishop Chamber of Commerce, the weather has been cool to frigid in the Eastern Sierra regions, especially in the higher elevations. Because the weather has been so unpredictable, it might be best to call (619) 873-3213 Monday through Friday for a current local weather report before heading out.

Anglers fishing the Lone Pine and Independence areas have found results only fair on the creeks. Diaz Lake continues to be a popular spot of shore fishing. The campground fills up early on weekends with

people seeking limits of planted rainbows.

In the Big Pine area, the Owens River has been producing nice-size limits with trout ranging from 1 to 3 lbs. Try fishing near the bridge over Highway 168 east of town or the end of Steward Lane south of town. The best baits seem to be nightcrawlers, veltecta cheese or salmon eggs. Big Pine Creek has also been doing well for those using worms as bait.

The Owens River in the Bishop area has been doing better than Pleasant Valley Reservoir. For trout averaging about 1 lb.

each, try power eggs, power bait or flies. Look for some great fishing at Lower Rock Creek as the area has been double stocked for Memorial Weekend.

The Rock Creek area has been a little on the cold side, so not many people have been out. At Rock Creek Lake, browns have been biting on rapallas and rainbows are caught on power bait or power eggs.

Boat fishermen at Convict Lake can try trolling with flashers and power worms. Castmaster works for shore fishing.

In the Mammoth Lakes area, try a

fly/bubble combo with a hornberg or matuka on Twin Lakes. The inflated nightcrawler and power bait is best at Lake Mary. Anglers at Lake George might try a nightcrawler or power eggs.

Remember, the weather has been cold, snow has been frequent recently at the 9-10,000 foot level. Be sure to have the appropriate clothing for a fun and safe weekend. And anyone going into the backcountry should let someone else know where and how long they expect to be gone.

Make your deal at NWC's own Lemon Lot

Twenty different vehicles are currently available at the Naval Weapons Center's Lemon Lot located in front of the Auto Hobby Center on Inyokern Road. Military and Department of Defense (DoD) personnel are eligible to register their vehicles at the Auto Hobby Center for placement in the Lemon Lot. For further information, about this service, call the Auto Hobby Center at NWC ext. 2346.

Vehicles currently on the lot include a 1990 Ford Escort LX, 1983 Brougham motorhome (23 1/2 foot), 1975 Chevy Scottsdale with camper, 1976 Travette motorhome, 1989 Toyota Fore-runner, 1977 Bradley G.T. on 1971 V.W. Bug, 1987 Dodge Dakota pick-up, 1965 Comet, 1984 Chevy Caprice Classic, 1987 Jeep Wrangler, 1988 Toyota Tercel, 1982 Dodge Omni, 1984 Nissan 300 2X, 1966 Bana - VW, 1988 Jeep Wrangler, 1965 Ford Mustang, 1980 Ford Pinto, 1979 Chevy 1/2-ton pick-up with shell, 1982 Suzuki 750T and a 1986 Ford Aerostar.

Adult hoop play ends at Center

Beginning June 7, there will no longer be adult, noon-time basketball at the Youth Center.

For more information, call the Sports Branch at NWC ext. 6542.

New safety devices available to boaters, swimmers

Since 1985, about 15,000 people in the United States died in recreational swimming and boating accidents. This includes more than 25 in Kern County, most of them on the Kern River below Lake Isabella.

Many boaters, including more than a few Navy people drowned

China Lake anglers bring home fishing derby prize

Bill Kirkpatrick, an employee in the Film & Video Projects Branch, Technical Information Department, has been participating in the *Western Outdoor News* annual Lake Havasu Team Striper Derby six of the seven years it has been in existence. He has never placed in the money (in the top 15), until this year. Another first this year, is women placing in the money. Among them was Kirkpatrick's partner, Loretta King, the Naval Weapons Center's assistant Public Affairs Officer.

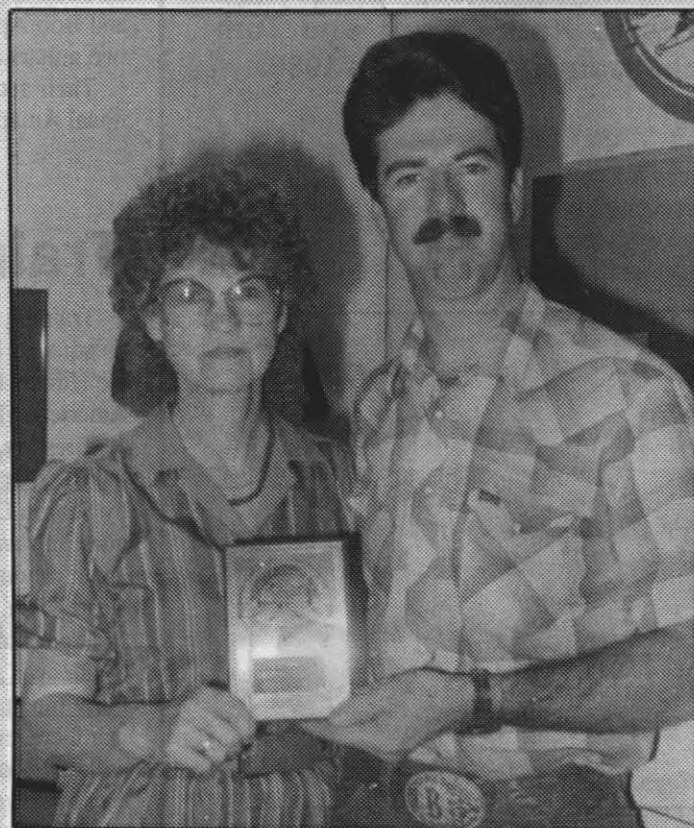
Kirkpatrick and King placed 12th out of 500 two-man (or woman) teams trying for the heaviest two-day catch. The 20-fish limit the NWC team caught weighed in at 39 lbs. and 3 ounces, just 12 ounces shy of 11th place and 2 ounces heavier than 13th place. "The weight difference of being placed in the money was just a matter of ounces," said Kirkpatrick. "We were very fortunate."

For winning 12th place, the NWC team received prizes worth approximately \$350. A catch weighing a total of 56 lbs., 10 ounces, won the first place trophy.

This was King's first fishing derby. "It was fun," she said. "I had never trolled before and I discovered I liked it."

According to Kirkpatrick, King not only reeled in their biggest fish, but she might have let an even bigger one get away. "I never got to see it," said King, "but judging by the amount of pull it put on the line, I'm sure it was a big one."

Another Ridgecrest team, John Peterson and Kurt Fowler, came close to being in the money. They placed 19th with a catch weighing 34 lbs. and 13 ounces.



IN THE MONEY--Loretta King and Bill Kirkpatrick show off the plaque they won at the annual Lake Havasu Team Striper Derby last month.

Hunters have crack at game tags

Application deadlines for Nelson bighorn sheep hunting now coincide with other big game hunting deadlines, requiring would-be sheep hunters to submit applications earlier than in the past. For deer, elk and pronghorn antelope drawings, hunters face application deadlines similar to last year. The 1990-91 licenses and tag applications will be available by June 1.

There are no grace periods. Applications

received by the Department of Fish and Game after close of business on June 25 will be rejected.

The public drawing will be held on July 7 in the first-floor auditorium of the State Resources Building at 1416 Ninth Street in Sacramento. Doors open at 9 a.m. and proceedings should be completed by mid-afternoon.

All of California's most coveted big game

hunting opportunities are typically filled through a public drawing. Despite recent drops in the sales of hunting licenses, the demand for such hunts remains high, said a DFG official.

Applications for big game hunts filled by public drawings should be mailed to the Department of Fish and Game, License and Revenue Branch, 3211 S Street, Sacramento, CA 95816.

devices include:

•Rescue line and throw bag--a bag stuffed with a throwable line and packed in a pouch that floats. A simpler model consists of a floating line attached to a vinyl ball to make it easy to throw. These are good on piers, boats and swimming pools.

•Throwable lifebuoys--manufactured as a horseshoe or life ring that inflates automatically. It is used in rough water operations, on piers and recreational boats.

•Type V Hybrid Vest--floatation device that combines minimum size with maximum floatation. When uninflated it provides

enough buoyancy it has enough buoyancy to keep an average adult afloat. When inflated it provides even more buoyancy. This vest must be worn at all times while underway to meet safety requirements. It's good for canoeing, rafting, kayaking or sailing.

American Heritage Week Schedule



Naval Weapons Center American Heritage Week 4 - 8 June 1990 "Your Past - Our Future"

3 JUNE

TO THE FRONT AND BEYOND "Vignettes of Our Cultures"

Co-sponsored by the Naval Weapons Center & Maturango Museum
Maturango Museum, 1500 - 1700

4 JUNE

5K RUN • WALK

Race Day Registration \$10.00. Call x2736 (Sherri).
Price includes T-Shirts, Refreshments and Awards. Sign-ups begin at 1030, run begins **PROMPTLY** at 1130

5 JUNE

EQUAL EMPLOYMENT OPPORTUNITY AWARDS CEREMONY

Seafarer Club 1800 - 2100
Guest Speaker, Geri Jewell (Actress/Comedienne)
Entertainment by "NONOSINA" (Polynesian Dancers)
\$6.00 per person, Tickets available through your department office

6 JUNE

INTERNATIONAL CELEBRATION

Entertainment by "NONOSINA" (Polynesian Dancers)
Food Booths from 1100 - 1300
Administration Building Lawn

7 JUNE

AMERICANA CELEBRATION

Entertainment by "Circuit Riders" (Blue Grass Band)
Food Booths from 1100 - 1300
Administration Building Lawn

5-8 JUNE

EEO TRAINING EVENTS

Classes will be listed in the Rocketeer & NWC Announcements

Celebrate the past, future during American Heritage Week 1990

Week begins with 5-K running start

Join the Marines...in the American Heritage 5K walk/run, that is. At lunchtime on June 4, a squad of marching Marines will join more than 200 runners and walkers on a course which winds through the NWC housing area. So far 215 China Lakers have pre-registered for the fifth annual event.

All participants are required to check in no later than 11 a.m. on race day in the Officers' Club south side parking lot. Check-in desks open at 10:30. (Please park vehicles in the old "lemon lot" on Richmond Rd., adjacent to the Navy Exchange gas station.) The race begins at 11:30 a.m. sharp.

Pre-registered entrants should check in at the **pre-registration desk** where they will receive their official neon coral T-shirts. Those who registered late (after May 21) will check in at the **late registration desk**; their T-shirts will be available approximately 2 weeks later.

To register on race day, bring a completed entry form

and a check for \$10, payable to *MWR* (check must have SSN and work phone), to the **race day registration desk**. Please do not bring cash. T-shirts may be picked up approximately two weeks later.

Water will be available at the halfway point, or carry your own. Be sure to drink plenty of fluids the day before the race, and before, during and after the event. Fruit, munchies, water and replacement fluid will be available at the finish.

Awards will be presented to the top three men and top three women finishers at the O'Club after the race. A special drawing for prizes will be held for all participants.

Late and race day registrants may pick up T-shirts at the Human Resources Department, 505 Blandly, Rm. 109, approximately two weeks after the event. Call NWC ext. 2736 to verify availability.

For further information, call Sherri at NWC ext. 2736.



5K RUN-WALK

EEO guest speaker offers challenge of healthy perception

Geri Jewell bridges the world of comedy with the world of disability awareness. At this year's Equal Employment Opportunity Awards Ceremony, Center employees, families and friends will have the opportunity to meet the actress/comedienne, known to millions as "Cousin Geri" from the NBC sitcom "The Facts of Life". The Tuesday evening awards ceremony is the centerpiece of NWC's American Heritage Week celebration.

Jewell's reputation as an "inspiration" to her audience is in large part due to her willingness to openly share the perception of her cerebral palsy as one of her "strengths" rather than a disability. She has a knack for sneaking in the back door and making people laugh at those things which usually bring discomfort. Jewell challenges listeners to open doors to new and healthier ways of perceiving themselves, others, and the world they live in.

The EEO awards ceremony, an NWC tradition for nearly two decades, honors China Lakers for their support of and contribution to the EEO program. This year 18 employees, nominated by their co-workers, will be looked at by an ad hoc panel made up of members of the EEO Advisory Committee. The final decision belongs to Capt. Douglas Cook, NWC Commander, and Bill Porter, technical director, based on recommendations of the panel.

Nominated in the Employee Category are: Ted Mason (Code 36), William Collier (Code 39), Cecilio Rivier (Code 36), Richard Wilie (Code 32), Robert Timmermans (Code 28), Paul Colter (Code 28) and Carol Dries (Code 28). In the Supervisor Category are: Arlo Mickelson (Code 39), Robert Licklider (Code 39), Steve Tanner (Code 36), Debra Osgood (Code 05), John Hammonds (Code 24), Jim Bryant (Code 32), William Lawson (Code 35), Mel McCubbin (Code 32), Barbara Anderson (Code 28), Gerald Stein (Code 26), and Rosemary Fabiano (Code 31).

In addition, a departmental award will be given out based on employment statistics for the past year.

Heavy hors d'oeuvres and a no host bar will be featured during the social hour beginning at 6 p.m. The awards ceremony begins at 7 p.m. Tickets are \$6 at the door, call NWC ext. 3317 for reservations.

Employees unable to attend the ceremony can hear Jewell speak on "Personal Challenges and Successes for Living a Fully Integrated Life" on Wednesday from 10-11 a.m. at the Training Center. See training schedule above for details.

Articles and design by Julie Antonio, staff writer

It all began five years ago . . .



EEO AWARDS--An NWC tradition for nearly two decades, the awards were showcased during the first American Heritage Week Celebration. Gerry Schiefer, former NWC technical director, presented awards to Kathy Kraft and Tom Hanchett, among others, in 1986.



ALL AMERICAN DESSERTS--were served up in one of the food booths during the 1986 celebration. The lunchtime event, featuring international and American foods, has proven very popular all five years.



FIVE YEARS AGO--Braving less than ideal weather conditions, these runners took part in the First American Heritage Week 5-Kilometer Run. More than 200 China Lakers have registered for this year's fun run/walk.

. . . and continues next week.

Americana is the sound of bluegrass music

Circuit Riders has become a crowd favorite at Southwestern bluegrass and country music festivals. At Thursday's Americana Celebration on the lawn in front of the NWC Headquarters Building, China Lakers can discover why.

Vocals feature Sharron Stanton, Terry Stanton and Randy Frank, tightly blending their voices to create an "atmosphere" of harmony in which the emotion behind each song can be felt by the audience. Pat Cloud on banjo and Bob Applebaum on mandolin round out the ensemble which includes two guitars and acoustic bass.

Their acoustic music fuzes bluegrass with jazz in progressive, yet traditional American music.

Circuit Riders



Training events help bridge diversity gap

Training events with an emphasis on equality have been scheduled by the Human Resources Department for American Heritage Week.

Tuesday, June 5--Driving Across the Border into Mexico. This seminar by Sharon DelRosario addresses the questions and concerns you may have about driving into Mexico. (Training Center, Rm. 201, 1-2:30 p.m.)

Wednesday, June 6--Personal Challenges and Successes for Living a Fully Integrated Life. During this seminar Geri Jewell, actress/comedienne, will talk about some of her experiences indeveloping strategies for removing or coping more effectively with personal barriers. (Training Center, Rm. 107, 10-11 a.m.)

Thursday and Friday, June 7 and 8--Working with a Culturally Diverse Workforce. This 2-day training, conducted by Suzanne Hard, focuses on some of the most important WORKFORCE 2000 issues. Note: these classes are full.

Effective Communication with Diverse People. This training session, conducted by Lynn Lacey, acknowledges that we each have different styles of speaking, learning and listening, and extra effort is sometimes required to effectively communicate under these circumstances. Note: these classes are full.

Friday, June 8--Overcoming Diabetes. This video/discussion presentation by Gerry Auger will discuss in a positive manner the symptoms and general approaches to control diabetes. Home type equipment and procedures will be demonstrated. (Training Center, Rm. 115, 8 a.m.-4 p.m.)

Enrollments for open classes are on a walk-in basis. As space is limited, please plan to arrive early. Point of contact is NWC ext. 2686.

Polynesians share island culture

Nonosina will present *Polynesia in Song and Dance* at the American Heritage Week Equal Employment Opportunity Awards Ceremony June 5, and again during the lunchtime International Celebration June 6.

The group, made up of young men and women raised on the islands of Tahiti, Samoa and New Zealand perform native songs and dances in traditional costume. It is the group's purpose, through entertainment, to enlighten their audience about the Polynesian culture.

Songs and dances of Polynesia range from a friendly welcome to a rigorous preparation for combat, and the dangerous Samoan fire knife dance. Everyday life, love and fun are depicted in dances requiring grace, dexterity and coordination.

The group has entertained at major theme parks and in various television productions in the United States.



POLYNESIAN DANCERS--Members of the Nonosina Polynesian Revue, these young women and their fellow performers will share an island heritage of song and dance at the EEO Awards Ceremony.

"Your Past--Our Future"..."Your Past--Our Future"..."Your Past--Our Future"...