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June 8, 1990

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WEATHER HEADING



	Max	Min	Peak Gusts
Thurs.	79	57	30
Fri.	83	47	16
Sat.	92	52	14
Sun.	101	58	23
Mon.	102	61	29
Tues.	98	63	27
Wed.	97	67	24

DoD official says no early-out plans department-wide

WASHINGTON (NNS)--Rumors of Department of Defense (DoD)-wide early retirement programs for civilian employees are unfounded, according to top DoD personnel officials.

"We don't want to lose good people unnecessarily," said Frank Cipolla, acting deputy assistant secretary of defense for civilian personnel policy. "Despite wishful thinking of some people, DoD is not currently planning a department-wide early-out." Cipolla noted at least five percent of the total DoD workforce would have to be facing involuntary separation before a department-wide early-out would be considered.

Farewell party set for Capt. Dropp at Seafarer Club

Captain Robert Dropp, Naval Weapons Center deputy commander for support and commanding officer of enlisted personnel, will end a 35-year military career with a retirement party on June 21 and a formal retirement ceremony June 22.

The retirement party in his honor is set for the NWC Seafarer Club. A no-host social hour begins at 6 p.m. with the program and presentations starting at 7 p.m. Tickets are \$7 each.

For reservations, contributions or presentations, call Pat Pickett at NWC ext. 2211 or Protocol, NWC ext.1365, no later than June 19.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 23, June 8, 1990

Five individuals, Code 39 honored at NWC's EEO Awards ceremony

"Truly a celebration," is how Capt. Douglas Cook, Naval Weapons Center Commander, described Tuesday evening's Equal Employment Opportunity Awards ceremony. As EEO officer, Capt. Cook joined Deputy EEO Officer Kathy Kraft in presenting awards to Bill Collier, Barbara Anderson, Rosemary Fabiano, Paul Colter, Jerry Stein, and the Intercept Weapons Department.

The EEO awards ceremony, an NWC tradition for nearly two decades, is the centerpiece of the American Heritage Week celebration, now in its fifth year.

Guests were welcomed by emcee Dr. Jon Wunderlich, who also served as department head liaison for the American Heritage Week committee. Opening the ceremonies, the NWC color guard paraded the colors, while Sandra Raines of the Protocol Office sang the

National Anthem accompanied by the 15th Air Force Band.

The festivities began with NONOSINA Polynesian Performers presenting a colorful tour of the Islands of Tahiti, Hawaii and Samoa.

Taking the podium, guest speaker Geri Jewell put the audience at ease with self-effacing humor. "Basically, my problem isn't Cerebral Palsy, it's others' perceptions of Cerebral Palsy," explained the



Geri Jewell

actress and comedienne. "I was born this way. I don't wake up some days and say, 'Oh God, I have CP again!'"

"CP is not a disease, it's a condition," she said seriously, defining the disorder as a head injury (sustained at any age--before, during or after birth) that causes brain damage affecting the central nervous system. "CP has been my greatest teacher, my most valuable lesson, a blessing in disguise."

Over the years she has been perceived as drunk, on drugs, mentally retarded, mentally ill, suffering greatly, or even as an (Continued on Page 10)



EQUAL OPPORTUNITY--Bill Collier (center) was judged to be the NWC employee who personally contributed the most to the EEO program this year. At Tuesday evening's EEO Awards ceremony, Kathy Kraft (far left) and Capt. Douglas Cook

(second from right) presented the award while Collier's family looked on. Collier is joined by his wife, Sandra and children William III, Kandice (holding award) and Alexis. Additional photos of award winners will be in the next Rocketeer.

Seven share SATS Team Award honors

Seven China Lakers were honored Monday as they became the latest group to be saluted with the Naval Weapons Center Team Award. Capt. Douglas W. Cook, NWC Commander and Bill Porter, Technical Director made the presentations at the weekly

Commander's Meeting. Captain Cook noted this was another example of NWC's strength, teams of people pooling their efforts to solve difficult problems.

The seven, responsible for design, development and integra-

tion of the Semi-Active Test System (SATS) are: Gerald Puckett and Ron Greiger from Aerosystems Department's Threat Systems Branch; Dennis McKeen of the Threat Engineering Branch; Raymond Swanson, Beverly Chartier and Sharon Wright of

the Radar Development Branch and Charles Mattson of Range Systems Engineering Office.

In making the nomination, R. P. Gotzler, head of the Radar Development Branch, said the award was recommended (Continued on Page 8)



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MARINE DONATION--Judy Banks accepts a check from First Sergeant Vigil of the Marine Aviation Detachment for the High Desert Women's Center. Assisting in the presentation of funds raised by enlisted Marines of the MAD, WACOM, Ray Hockett and John Hampton, were Sgt. Lea and Sgt. Bebee. Photo by PHAN Gary Brady

Reservist: twice the citizen

"Being in the Reserves is like having two full-time jobs. It's the opportunity to be 'twice the citizen,'" says Capt. Eric Haupt of the U.S. Navy Reserves. He's the unfamiliar uniformed officer who's been working out of the Protocol Office in Michelson Laboratory the past two weeks. The Protocol Office is a great place for a people person like Haupt.



Capt. Eric Haupt, USNR

The Southern California insurance executive spends two weeks on active duty with the reserves each summer in addition to two days per month.

This summer he chose to spend his two weeks active duty at China Lake to witness operations from an administrative aspect. Haupt says the experience should benefit him in his current assignment with a volunteer training unit at Pt. Mugu. The unit consists of senior officers,

and its mission is to augment command at various sites in case of mobilization.

The added senior officer "horsepower" onboard the Naval Weapons Center was appreciated last week when visits by an assistant secretary of the Navy, an admiral, and two elected officials kept NWC Command busy.

Furthermore, China Lake is Haupt's mobilization site. In the case of national emergency he would be ordered here to act as air liaison officer between Pt. Mugu and NWC.

This, however is not the captain's first time at China Lake. Often in his past twenty-odd years in the reserves, he brought his special helicopter unit here for mobilization exercises. The one-of-a-kind unit, known as HAL-5, was formed to provide support to Navy Seals on covert operations. As a result of their unique mission, the unit's members were called to duty more often than most reservists. For example, in 1987, Capt. Haupt, as the HAL-5 commanding officer, was called away from his principal business for 150 days (compared to the average of 36-40 days for reservists in general).

"I'm glad to be back at China Lake--this has been my first opportunity to fly an aircraft since my change of command in late 1987," he related. The helicopters NWC uses for range tours for visiting officials are the same, and in one case exactly the same one, as the aircraft he piloted in



The Skipper Sez...

QUESTION

Civilian employee and resident on the base. I have heard lots of rumors recently and I would like to know if they are true or not. One of the rumor concerns civilians living on base will be asked to leave within the next couple of months. If this is a fact, then the word should be put out so people can prepare. Thank you.

ANSWER

Due to the increased number of military family housing requirements, the decision was made to ask eight civilian residents who have occupied the Site B Capehart housing three years or more to relocate off base. We offered tenants relocation cost if they vacated within 45 days; others have been allowed 90 days to vacate.

Prior to official notification to civilians on March 28, I invited residents of the Site B Capehart and other interested residents of the Center to an open meeting on March 14 to explain in detail the necessity for this decision. Those occupants of the Site B Capehart housing who have not occupied present quarters for three years can continue occupancy until this three year limit is reached.

At the present time, we do not have the need to move civilian personnel in order to meet military requirements. It is difficult to forecast what the future requirements will be, particularly in light of the continuing reviews and studies going on relative to draw down of Defense facilities.

Please be assured, however, that every effort will be made to honor the written commitments with civilian residents. Additionally, please understand that the housing policy of the DoD, Navy and the Naval Weapons Center remains unchanged, i.e., to meet the housing requirements of military personnel first.

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.



TWICE THE MANPOWER--AZ1 Kevin and AZ2 Ann Erickson are a Navy couple who have successfully integrated military life into their marriage. In fact, they recently re-enlisted for three years in a dual administration of oaths by Lt. James Burks (left) of VX-5. Both have orders to NAS North Island, Calif., assigned to different commands. Photo by PH3 Robert Foster

Code 38 gives new look to Lab's lobby

Display is tribute to department's employees

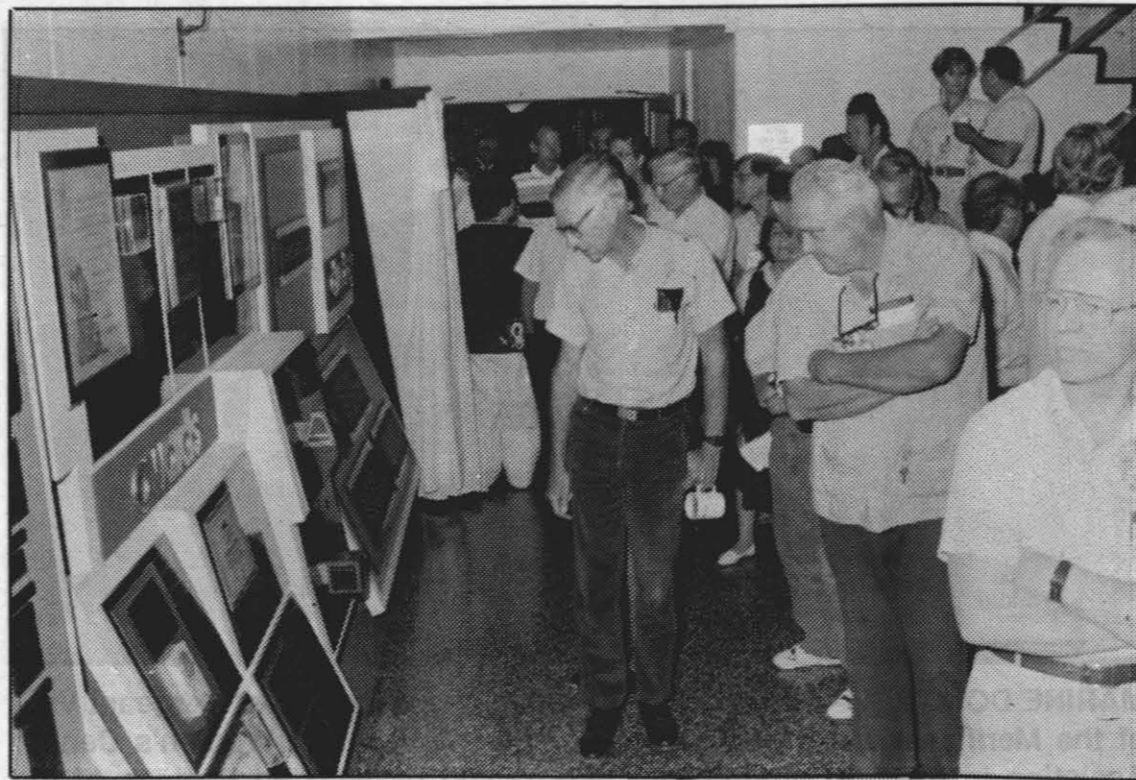
Something is different about the North lobby of Michelson Lab. Thanks to the ingenuity of June Deatherage, a technical communication specialist from the Technical Information Department (TID), the Research Department (Code 38) now has a highly visible tribute to its most notable personnel. And it's recycled!

Deatherage rescued the previously used exhibit from destruction when the old Fuze Department (Code 33) was disbanded a few years ago. As liaison between TID and Code 38, she saw the opportunity to show off Code 38's wealth of talent. With

some clever artistry, archiving, and \$6,000, she put together the Research Department exhibit at a fraction of the cost it would take to make one from new materials.

The permanent exhibit features award winners from the department's inception to the present, along with notable events from department history. As current and future employees make their mark, the "living" display will grow and change.

Ron Derr, head of the Research Department, called Code 38 all hands together for the official unveiling of this department exhibit early this spring.



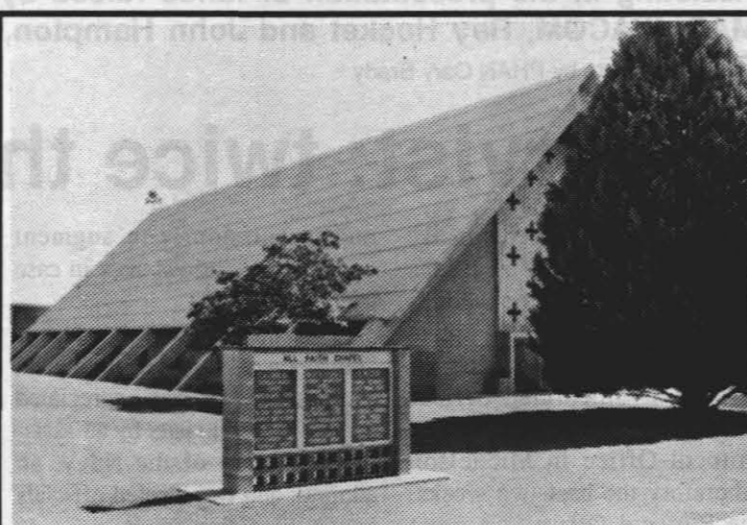
BEHIND THE CURTAIN--A Research Department permanent exhibit now graces the North lobby of Michelson Lab. At the department all-hands unveiling, employees searched the exhibit for familiar names.

Seafarer offers possible blues antidote

Monday is just around the corner. Do you suffer the Monday blues? If so, break out of the Monday rut and start the week off right with a delicious steak or chicken grilled at the Seafarer Club. Every Monday, for only \$4.95, enjoy a nice succulent steak or mouth watering chicken, and help yourself to potato salad (made that day), baked beans, Texas toast and ice tea or lemonade.



LITTLE ANGELS--Fifteen members of the Catholic congregation recently made their first Communion at the All Faith Chapel. Aida Byrd (far left) instructed the older children in the sacrament, while Luisa Cinense and Bobi McDonald (far right) taught the second graders. Father Toni (Chaplain Casimano), who performed the ceremony, stands next to Agnes Winter, who helped to coordinate this important milestone in the children's religious education. The first communicants are (front row, left to right) Camille Pond, Cassandra Shoaf, Jennifer Moore, Kristoffer Clark, Jacob Mireles, Monica Toftner, (middle row) Danielle Ditsch, Jennifer Hiser, Amanda Wegener, Michelle Chapman, Patrick Clark, (back row) Joshua Chapman, Jason DeLeon, Vikki Pickett and Remer Banaban. TID photo



Divine Services

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

Community Events

Community Connection for Child Care and the American Red Cross are sponsoring a Supersitter Workshop at the County Building's Conference Room (400 N. China Lake Blvd.) on Thursday, June 14, from 8 a.m. to 1 p.m. Enrollment is limited to 15 participants. To register, call Community Connection at 375-3234. Participants should plan on bringing a sack lunch.

Tomorrow, (Saturday) the Ridgecrest Games Club will meet at 4 p.m. in the old County Building on Ridgecrest Blvd. This month, new and old members will learn to play modern naval battles. Bring your favorite games or just come for the fun of it. For more information, call Rodney Harris at 371-2182.

On Tuesday, June 12, the Houchin Blood Bank mobile unit will be at the Elks Lodge on Church Street from 1 to 6 p.m. Celebrate the gift of life by donating blood. Potential donors must be in overall good health and not have had recent surgery, have high blood pressure and meet other general physical requirements. No appointment is necessary, and it only takes about a hour to donate a pint of blood.

Following a short business session, Marianne Kistler, the first vice president of the Oasis Garden Club of Indian Wells Valley, will talk about greenhouse construction and use to interested parties starting at 10 a.m. on June 14 at the Garden Center, 713 Ellis Street. The public is invited to attend at no charge. For more information, call 375-9510, 377-5209 or 446-4686.

A.A.R.P. Chapter 24 will hold its monthly meeting this Sunday at 1 p.m. at the Ridgecrest Senior Center, 125 S. Warner. Following the potluck dinner and business meeting, H. B. Kidner, Chairman of the California State Legislative Committee, will speak on the committee's work and the need for guidance from A.A.R.P. Bring a dish and table service for the potluck.

Members of the IWV TV Booster, a not-for-profit television and FM radio translator service in the Indian Wells Valley, will take part in the KCET Public Television pledge drive during early June. IWV Booster members are scheduled to answer phones in the KCET studios from 6 to 11 p.m. tonight (Friday). The volunteers are taking part in appreciation of KCET providing an alternative to commercial television.

Mondays at lunch time enjoy a grilled top sirloin steak or chicken breast on the Seafarer Club's lanai.

Fourteen people from Ridgecrest and Trona, most of them Naval Weapons Center employees, took part in the Monrovia Day Parade as "The Outlaws from Poison Canyon" last month. The Outlaws, a float followed by four riders on horseback won recognition as a featured entry and as the sweepstakes winner.

The entry was sponsored and developed by Linda Lou Crosby and Hart Broesel while Dorothy Saitz designed the float with a Prohibition theme. Ray Griffith designed and built the still on the float. Also taking part were Pam Shillings, Greg Wheelock, Ricky and Shirley Parks, Diana North, Mike and Cyndi Whitehead, Jill Guinn, and Charley Payne while Gene Crowell drove the getaway car.

NWC ties to new CLOTA show

Three Naval Weapons Center employees have key parts in the latest Community Light Opera and Theatre Association (CLOTA) production *Brighton Beach Memoirs*. The show opens Friday, June 15, at the Burroughs High School Lecture Center.

Deanna Ripley-Lotee, a technical manuals logistician in the Fleet Engineering Division is cast as a young widow in the depression-era 1930s, forced by economic pressures to move herself and her two teenage daughters into her sister's household.

This is only Ripley-Lotee's second stage appearance since she starred in CLOTA's 1984 presentation of *Bedroom Farce*.

Mary Preller, an engineering aide in Public Works Department's Engineering Division, won the role of Ripley-Lotee's vivacious teenage daughter, Nora. Preller has appeared in numerous CLOTA and Burroughs High School productions, including a role as a ballerina in the recent staging of *The*

Bungling Ballerinas. Rounding out the NWC contingent of the cast, John Clark will portray Preller's uncle, Jack Jerome. Clark is an Aircraft Weapons Integration Department mathematician. His best known CLOTA roles were in *Tribute* and *Deathtrap*.

Other performers in this somewhat autobiographical play by Neil Simon are Jeromy Dunn as Eugene Jerome, Dan Weston as Eugene's older brother, Carol Ann Ogloza as their mother and Danielle Horgan as Nora's little sister, Laurie.

Reno Venturi is directing the comedy for CLOTA. In addition to the June 15 opening night, other performances are set for June 16, 22 and 23. Curtain time for all shows is 7:30 p.m.

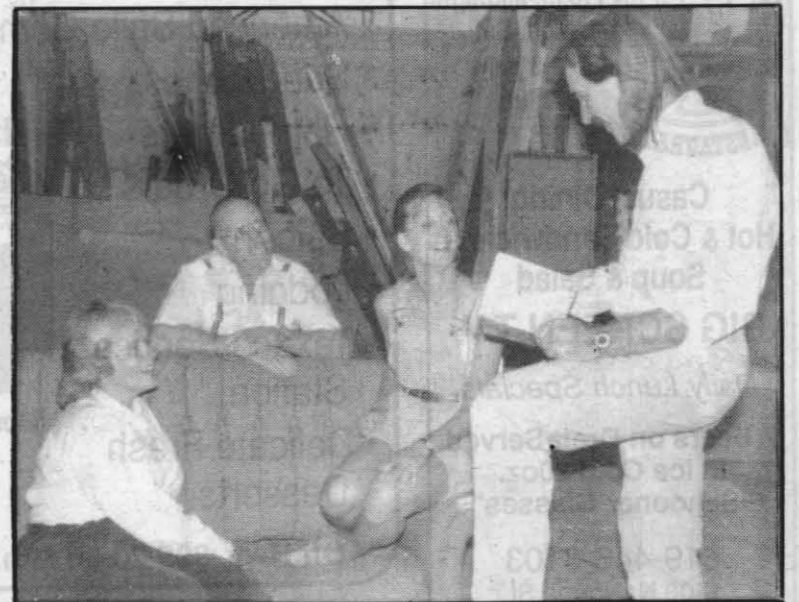
Tickets at \$8 for adults and \$5 for students, senior citizens and active-duty military personnel are available at Ridgecrest Cleaners, The Art Buffet, Richer's Digital Audio, Farris Italian Gardens and the Music Man.

Red Cross sets disaster group meet June 12

Indian Wells Valley's newly formed Disaster Services Committee will hold an organizational meeting Tuesday, June 12, from 12 noon to 1 p.m. in the Flight-deck Room at the Heritage Inn, 1050 N. Norma St.

All interested valley residents and Red Cross volunteers are encouraged to attend this meeting. Volunteers with backgrounds in communications, transportation, food service, first aid, etc. are a vital resource to the community. For more information, call Dan at 375-5059, or Lloyd at 375-7245.

An element of the Antelope Valley Chapter of the American Red Cross, the committee will discuss the chapter's recently revised "Disaster Services Plan."



NEW CAST--John Clark (center) Deanna Ripley-Lotee (left) and Mary Preller listen to advice from Reno Venturi, (right) director of Brighton Beach Memoirs, as CLOTA prepares to open another show next weekend. Photo by Bill Blanc

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Wellness Program schedules classes

Learn parenting tips and about backaches

Childhood Step (Systematic Training for Effective Parenting)
June 14-Aug. 16, 1130-1300, Chapel Annex N. 4. By Janet Butler and Debra Oliver.

Scope: This STEP class is designed for parents with children ages 6-12 years of age. Improving parent-child relationships will be the focus of the ten-week course. The discussions will be based on Systematic Training for Effective Parenting (STEP), which is an educational program widely used in the United States, encourages mutual respect between parent and child, increased cooperation, and effective communication. Parents are given tools to help their children develop attitudes of responsibility and self-reliance.

Deadline: To reserve a spot in this class, call the Wellness Program Office, NWC ext. 2468 as soon as possible. Afterwards, follow up with an On-Center Training Request via department channels to Code 2243.

Everything You Wanted to Know About Backaches

June 14, 1030-1130, Room 1000D Michelson Lab. By Dr. Podell, DC.

Scope: Topics to be covered will include neck pain, tension, sciatica, discs, scoliosis and much more.

Lecture will be on a walk-in basis only. Point of contact is the Wellness Program Office, NWC ext. 2468.

Regular registration for summer session kicks off next week

Regular registration for Cerro Coso Community College's summer session begins next week. Continuing students can register on Monday, June 11, from 9 a.m. to 1 p.m. and from 2 to 6 p.m. New and continuing students register on June 12-14 from 9 a.m. to 1 p.m. and from 2 to 6 p.m.

All registration is done on a first-come, first-served, basis. Appointments will not be accepted. For best class selections, be sure to register early.

For more information, call the college at 375-5001.

Chico advisor visits Center

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center June 25 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has external degree programs in computer science which lead to bachelor's and master's degrees.

Those who wish to see Dr. Madrigal should make an appointment by telephoning Helen at NWC ext. 2648.

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Certification

Recertification courses

From June 25-29, a 40-hour high-reliability soldering course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. This course is for government/contractor personnel needing certification as inspectors or operators.

From June 27-29, a 24-hour update recertification course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. This course is for government/contractor personnel requiring annual recertification as inspectors or operators.

Previous soldering experience is required for the high-reliability soldering course and previous certification to WS-6536 or DOD-STD-2000 is required

for the recertification course. A current eye examination is needed for either course.

To be scheduled, contact the Soldering Technology Training Facility, Code 36812, 446-5571.

Rework/repair course

From June 18 through June 22, a 40-hour rework/repair course will be held at 543 Graaf Street. Running from 7:30 a.m. to 4:30 p.m., this course is for government/contractor personnel who need training in rework and repair processes.

The prerequisites for the course are (1) previous soldering experience and (2) a current eye examination.

To register for this \$750 course, contact the Soldering Technology Training Facility, Code 36812, at 446-5571.

TSP enrolment ends July 31

Eligible federal employees may change contributions according to the current open season regulations

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.

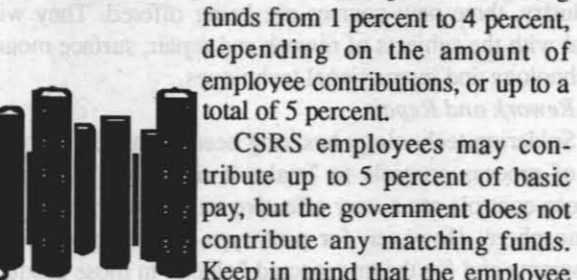
TSP is a plan that provides an employee with an opportunity to save money on a tax-deferred basis in order to supplement annuity benefits from the FERS Basic Benefit Plan and Social Security, or CSRS, if applicable. It is similar to a savings plan which is widely used in the private sector, called "401(K)."

Because of the advantages in participation in the TSP program, employees are encouraged to consider enrollment. The first advantage is that contributions are tax-deferred. For FERS employees, another great advantage is that the government will put in up to 5 percent of basic pay.

The TSP is the third part of FERS and a very important part of future financial security. The government inputs one percent, whether or not the employee participates. Employees may contribute as little as one percent, or a fixed dollar amount under one percent, or a greater amount up to 10 percent of basic pay. The government will put in matching funds from 1 percent to 4 percent, depending on the amount of employee contributions, or up to a total of 5 percent.

CSRS employees may contribute up to 5 percent of basic pay, but the government does not contribute any matching funds. Keep in mind that the employee contribution is tax-deferred.

Employees who want to enroll or change their current election should contact their PMA. For further information, call NWC ext. 2592.



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Procedure change helps pay process

Computers are making a real difference in how the Naval Weapons Center's Office of the Comptroller takes care of getting payroll ready for the 5,000 plus China Lakers.

Thanks to computers and modems, the process has become not only quicker, but safer. No longer does an NWC payroll clerk have to drive the payroll computer tape to Los Angeles and make a second trip if the tape is bad, a personal computer and modem takes the place of the long trip to the Federal Reserve Bank.

It took the efforts of several Comptroller employees to make this new system work, but the benefits have been worth it. What used to take a day's travel for a payroll clerk is now done in less than 30 minutes.

In addition to saving travel time and travel costs, the improved way of doing business has the potential for a real impact on quality of life issues at NWC such as flexibility on turning in time cards and ensuring funds are deposited to the Center employee accounts in a timely fashion.

Since about 95 percent of all NWC employees have their checks automatically deposited into a bank or credit union account, the impact on their quality of life could be immense should problems arise.

Sherri Sweany and Martie Smith were payroll technicians involved in this improvement in the quality of service, while Don Thorpe and Wayne Thompson are computer specialists who assisted and Charlie Cruz, a computer systems analyst, rounded out the Code 28 team responsible for the changes.



PAYROLL SYSTEM--Using a personal computer workstation with a modem to reformat and transmit the data taken from the Unisys mainframe, Code 28 employees took a step toward improving the quality of life at NWC and speeding the process of getting the Center's civilian payroll to the Federal Reserve Bank in Los Angeles. Making this new procedure work are Charlie Cruz, Wayne Thompson, Martie Smith, Sherri Sweany and Don Thorpe. Photo by PHAN Cary Brady

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or call the Inspector General at:

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WHEN'S IT GOING TO BE? Wednesday, June 27, 8:00 a.m. to 9:00 p.m. and Thursday, June 28, 8:00 a.m. to 4:00 p.m.

WHO'S GOING TO BE THERE? DSP Systems, Force Computers, Greco Systems, Interactive Circuits and Systems, Paracom, Paragon Imaging, RO Associates, Uniflex Computing, Vigra, and more.

WHAT ARE THEY GOING TO PRESENT? High Performance VMEbus products, Apple Products, PC Products, Transputers, Ruggedized Computers, Image and Digital Signal Processing Hardware and Software Products, High Reliability Power Supplies, and more!

For Additional Information, Contact:
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West Coast Reps
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La Habra, CA 90631
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Sponsored By : PC Lab, Code 2703 NWC ext. 6631

Can you please explain why I cannot format a high density floppy disk in an 800K drive on my Mac. I don't see why there would be a problem if I only use the diskette in the 800K drive.

I can give you an answer from first hand experience. Just last week I formatted a High Density 3.5 inch floppy in an 800K drive on a Mac in the PC Lab. I was using someone else's machine and I thought the drive I was using was a 1.44MB drive; I was wrong. As soon as I inserted the floppy in the 1.44MB drive in my Mac, I was prompted to initialize the disk. I soon discovered that I had formatted the floppy in an 800K drive. When I tried to initialize the floppy in my 1.44MB drive, it failed to initialize. It didn't work; the floppy was trashed. I threw it in the circular file and grabbed another to start over with.

You might be thinking "Thank you for sharing, Bob; so just how does that affect me?" Well, let me explain a little bit about the differences between the two types of disks. I'll keep it simple, so everyone can see the basic differences and why the high density disks shouldn't be used in an 800K drive.

First, let's agree on a couple of terms; 800K disks are normally labeled as Double Sided, Double Density or DS,DD and 1.44MB disks are labeled as Double Sided, High Density or DS,HD. If 1.44MB and 800K disks were created equal, and they aren't, formatting a 1.44MB disk as only 800K is a total waste of the extra storage space available on each floppy. Not to mention that a box of 1.44MB disks is more expensive than a box of 800K disks. That's it for the moral reasoning. Technically, the magnetic media on the 1.44MB and 800K are incompatible. Therefore, you cannot format a 1.44MB floppy as 800K and expect reliable results. The rule is "DO NOT FORMAT HIGH DENSITY DISKS AS 800K!" However, the flip side to this rule is that you can initialize an 800K floppy in a 1.44MB drive without any problems whatsoever. Just remember, the rule is like a one way street; go the wrong way and it will cost you.

Stay tuned for a breakdown of the low density/high density blues on the IBM PC in the near future.

By Bob Beane

•MWR• UPCOMING EVENTS

Friday, June 8th

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

Saturday, June 9th

- Golf Course June Retail Sale X2990
- Matinee, Babar the Movie, NWC Theater
2:00 p.m., 939-2909

Sunday, June 10th

- Military Bowling League*for info, X3471

Monday, June 11th

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

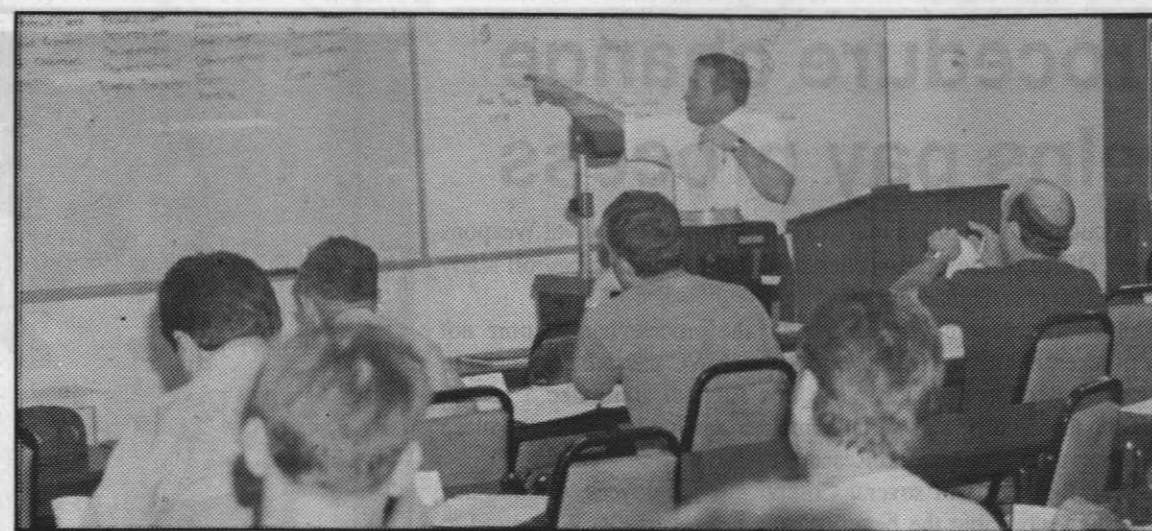
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INCIDENT COMMAND--Dick Rivers, training officer for the China Lake Fire Division, goes over details of the Incident Command System (ICS) in a classroom of 29 fire fighters. The class, part of the Cerro Coso Community College Fire Science Program, attracted students from six fire agencies along with CLFD fire fighters. Photo by Steve Boster

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Three new soldering-related courses

Engineering Department responds with class offering after requests from R&D community; training continues 25-year tradition of meeting government and industry standards for work

As part of the Engineering Department, the Soldering Technology Branch of the Product Assurance Division has been in operation for over 25 years. The branch's mission is to provide the defense procurement arena with a cutting edge of technology in the world of electronic assembly. The branch is basically comprised of two sections that work together to complete that mission. The Program Support Section supplies production efforts with interpretation and compliance verification for the requirements of the electronic assembly standard, MIL-STD-2000. The Training Facility Section completes its portion of the mission by making available a formalized educational system that deals with the requirements of MIL-STD-2000 and provides hands-on instruction for assembly techniques and soldering processes.

The training facilities' most popular course has been the 80-hour instructor/examiner course which has provided training and certification for both industry and government, with over 2,300 personnel on the active certification list. The 80-hour course deals with all of the basic elements of soldering processes and requirements. Now in response to the demand from both the research and development community here at the Naval Weapons Center and the needs of industry, three new courses are being offered. They will deal with the subjects of rework and repair, surface mount technology and instructional techniques.

Rework and Repair

Soldering technology has long been a staunch supporter of process controls to "make it right the first time." Those controls are a very effective tool in any production atmosphere. However, for prototype and developmental programs and for the unexpected "glitch" in those production process controls, there must be an accepted and effective approach to rework and repair. This 40-hour course

will provide hands-on experience in areas such as conformal coating identification, removal and reapplication; printed wiring board repair; pad and trace replacement; jumper wire installation and both surface mount and through hole component replacement. A certificate of proficiency will be issued upon successful completion of this course.

Surface Mount Technology

Surface mount technology (SMT) is the latest contribution from the ever advancing world of electronics. This

information, however, it will remain open and receptive to the growth of this dynamic technology and continue to be a focal point for the exchange of new information. Here again, a certificate of proficiency will be issued upon successful completion of the course.

Instructor Techniques

The 80-hour certification course currently being taught is an intensive effort to provide a knowledge of theory and requirements for high reliability soldering. It is intended to qualify individuals to take that knowledge and incorporate it into a training program at their facility. Questions on actual course development and presentation techniques are often left unanswered in the 80-hour course because its emphasis is on technical aspects. The new course on instructional techniques fills that gap and provide prospective instructors with presentation skills allowing them to effectively communicate with students. They receive hands-on experience with state of the art instructional media and learn effective methods of its application. Topics such as question and answer techniques, interpersonal communication skills, curriculum development, training



plan organization and training program administration are examined in depth. Individuals who successfully complete this course become an asset to their facility with increased ability to effectively communicate information necessary for quality soldering processes.

These three new courses, together with the basic 80-hour soldering course and a three-day recertification course, offer industry and government alike the finest level of instruction with the most current information in electronic assembly technology.

For more information about these courses and when they are offered, call the Soldering Technology Training Facility, Code 36812, at 446-5571.

Several English classes planned

Cerro Coso Community College offers a comprehensive line-up of over 75 courses for the summer term, which begins June 18. Included in the line-up are several courses in English and English skills. The classes are held Monday, Tuesday and Thursday evenings.

From 6 to 8:15 p.m., take *Expository Composition*. Credit for this composition course, taught by Patty Duckworth, can be

transferred to a four-year institution.

Technical Writing will be held from 6 to 8:50 p.m. Clarity and accuracy in written communication will be stressed.

Introductory Composition also meets from 6 to 8:50 p.m. This is a composition course for AA/AS degrees.

For people who have trouble spelling words correctly, *Spelling Improvement* may help. The class, which covers basic principles

of sentence construction and spelling, meets from 8 to 8:50 p.m.

Early registration for courses will be held for continuing students on May 22 from 9 a.m. to 1 p.m. and from 2 to 6 p.m. Regular registration for new and continuing students will be held June 12-14 from 9 a.m. to 1 p.m. and 2 to 6 p.m. Registration appointments are not required.

For more information, call 375-5001.

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We've EXPANDED our Summer Youth College course offerings! For more information or a class schedule call the College at 375-5001.

Cerro Coso Community College
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IN EDUCATION"

SATS team award

(Continued from Page 1)
because of "the significant and long-term technical contributions to the design, development, fabrication, assembly, integration and tests of SATS at NWC's Electronic Warfare Threat Environment Simulations (EWTES) facility."

In the citation accompanying the award, Capt. Cook and Porter noted "SATS is a flight-test range asset and is intended for use as a simulation of modern threat semi-active weapon systems. SATS is the first radar threat simulator available at a U.S. instrumented flight-test range that includes multi-object target tracking radar system and a realistic semi-active missile simulation."

The nomination letter also noted, "the potential benefits to the Navy (as well as the Army and Air Force) from successful development of this modern threat simulator are substantial. Electronic warfare (EW) systems currently deployed on U.S. and NATO strike aircraft, as well as EW systems in development, require realistic simulations of modern threat weapons systems to adequately test and evaluate those systems."

Gotzler added, "this award will honor the special achievements of a dedicated group of people who have... provided significant direct contributions to the successful and timely completion of SATS."

Puckett was recognized for his efforts in factory integration and acceptance tests and EWTES integration.

McKeen was responsible for SATS delivery, installations and system acceptance testing at EWTES.

Mattson was the SATS system engineer for several years and instrumental in the early planning of the program.

Greiger is credited with significant contributions to system factory integration and acceptance testing.

Swanson provided design and development technical services for the missile unit uplink decoder and downlink encoder.

Chartier coordinated hardware contractor efforts in hardware fabrication and testing.

Wright provided display console software modification and integration and is responsible for the interfaces between display console computers and other parts of the SATS system.



SUPER PERFORMANCE--Seven China Lakers became the latest team to earn the coveted Naval Weapons Center Team Award. Their outstanding efforts on the SATS program were cited by Capt. Douglas W. Cook, NWC Commander, as an example of the strengths at NWC. Sharing in this award, presented recently at a Commander's Meeting were: Gerald Puckett and Ron Greiger from Aerosystems Department's Threat Systems Branch; Dennis McKeen of the Threat Engineering Branch; Raymond Swanson, Beverly Chartier and Sharon Wright of the Radar Development Branch and Charles Mattson of Range Systems Engineering Office. Photo by PHAN Cary Brady

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288-6743 (Autovon)

Technical monitors of BCSS delivery orders called to an all hands meeting

On Wednesday, June 13, there will be a **mandatory** meeting for all technical monitors of Boeing Computer Support Services delivery orders.

The meeting will be held in Room 1000D, Michelson Lab, beginning at 10:30 a.m.

Attendance will be taken.
If someone is unable to attend, be sure that a representative will be there. Budget representatives may be invited to the meeting.

representative will be there. Budget representatives may be invited to the meeting.

New Users Manuals will be provided and cost reports discussed.

For further information, call the COTR Office at 446-2938.

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 - EE460N INTRODUCTION TO COMMUNICATIONS SYSTEMS Analog & Digital Communications Systems Beg: June 5
 - EE552N DIGITAL SIGNAL PROCESSING II Digital Signal Processing Beg: June 4
- **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
 - BA 490 SENIOR SEMINAR IN BUSINESS ADMINISTRATION Textbook TBA

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446-READ

Job vacancies available throughout the Center

(Continued from Page 16)
Department. The incumbent performs as an Optical Instrumentation Technician. He/she operates, maintains, and provides limited design and development of highly specialized tracking instruments and the medium- and high-speed film and video cameras used in remote locations in support of gathering test data at NAVWPNCEN test ranges. Typical equipment used within the Branch, but not limited to, are: KTM's, M-45's, and Cine-sextant (ALRITE) laser tracking mounts, 16 and 35mm medium- and high-speed film cameras, specialized shuttered video cameras, recording devices, microwave communications, and other related equipment. **Job Relevant Criteria:** Knowledge of photo-optical and electro-optical systems; ability to fabricate, repair, and modify electro-optical systems; ability to align and test electro-optical systems; knowledge of test and evaluation of weapon systems; and knowledge of NWC range operations. Promotion potential to DT-3, but not guaranteed.

Secretarial opportunities

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

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

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

No. 35-001, Secretary, DG-318-1/2, Code 3525 - Incumbent will provide secretarial and administrative support to ARM Systems Test and Evaluation Branch. Due to branch's mission, this is an extremely dynamic organization. Experience with the MacIntosh is desirable. Knowledge and ability to handle plant account, procurement, etc. are desirable. Promotion potential to DG-2. Previous applicants need not apply. Area of consideration limited to 03.

No. 62-010, Secretary (Typing), DG-318-1/2, Code 6203 - The incumbent provides secretarial and administrative support to the Officer-in-Charge of the Explosive Ordnance Disposal Detachment. Ability to act as office manager in all administrative areas, budget preparation and tracking, monitoring-range radio communication, respond to possible telephone or radio emergency calls, interface with both civilian and military outside authorities is desirable. Experience on MAC SE desired. Promotion potential to DG-2, but not guaranteed. The area of consideration for this position is the 06 Directorate only.

No. 62-013, Secretary (Typing), DG-318-1/2, Code 6231 - This position is located in the Electro-Optical Branch, Instrumentation Division, Range Department. The incumbent will provide secretarial support to the branch head and branch personnel. Knowledge and experience on the MacIntosh computer is desirable but not required. Promotion potential to DG-2, but not guaranteed. The area of consideration for this position is the 06 Directorate only.

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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. 26-012, Interdisciplinary (Civil/Environmental/Mechanical/Chemical Engineer/Chemist), DP-810/819/830/893/1320-2/3, Code 266, (Multiple) - This position is located in Environmental Division of Public Works. Responsibilities include management of various hazardous waste projects. Projects will take the form of studies, investigations, permit acquisitions, clean-ups, regulatory reports and NWC/regulatory liaison. Project problem solving will involve environmental concerns dealing with air pollution, water pollution, hazardous waste handling/storage/disposal/and minimization, regulatory permits, PCBs, underground storage tanks, and asbestos. Most projects will require contract management. Man-datory training will be provided annually. Some travel required. Promotion potential to DP-3. To apply send current SF-171 to Donna Gonder, Code 26302, phone 3411 ext. 317.

No. 62-011, Interdisciplinary (General/Electronics Engineer), DP-801/855-2/3, Code 6232 - This position is located in the RF Targets Branch, Instrumentation Systems Division, Range Department. The incumbent will provide hardware and software engineering for RF targets utilized for missile testing on NAVWPNCEN North ranges. The incumbent will design hardware and software for digital radar systems. He/she also serves as advisor to the Project Office, Range Department and sponsors for performance of existing targets and requirements for new systems. Incumbent will review NAVWPNCEN development staff and contractor activities for technical performance in development and maintenance areas. Must be able to obtain and maintain secret level clearance. Ability to communicate well orally and in writing is desired. Ability to deal effectively with all levels of personnel on Center, with sponsors within the Navy, Air Force, and contractors is highly desirable. Anti-radiation missile background is desired, but not required. Please submit a current SF-171 to Mr. Les Caffee, Code 6232, NWC extension 6422.

No. 31-034, Interdisciplinary, (General/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-3, Code 31332 - This position is located in the Electronic Warfare Simulation Section of the EW Analysis Branch, EW Avionics Division, Aircraft Weapons Integra-

tion Department. The incumbent is responsible for contributing to the design and development of digital simulations for the Strike Electronic Warfare Simulator (SEWS) to be used for evaluating the effectiveness of EW equipment in complex warfare scenarios. The work to be performed is the software modeling of friendly and hostile EW equipment and platforms to be incorporated into the SEWS system. To apply send an updated SF-171 to Jack Clark, Code 3133, ext. 2318.

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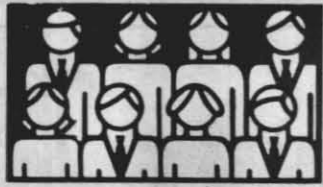
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Personnel News & Notes

Police remain alert for speed zone violations

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations. According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of

concentration for radar traffic enforcement for next week are listed below.
 •Monday -- South Knox Road.
 •Tuesday -- Inyokern Road.
 •Wednesday -- CLPL Road.
 •Thursday -- Blandy Avenue.

•Friday -- Lauritsen Road.
 Violations of traffic ordinances, state or local laws may be cited at any time by CLPD officers, as well as in areas other than the ones mentioned for radar concentration efforts on board NWC.

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. 26-013, Clerk-Typist, DG-322-1, Code 2611 - The incumbent provides clerical assistance for the Management Information Branch. Duties include preparing travel orders and training requests, filing, mail distribution, miscellaneous typing and answering telephones. **Job Relevant Criteria:** Knowledge of NWC travel, procurement and secretarial procedures. VAX/VMS experience is desired but not required. Promotion potential: DG-1.

No. 26-014, Environmental Health Technician, DT-698-1/2, Code 266 (Multiple Vacancies) - These positions are located in the Environmental Division of the Public Works Department. Incumbent will work with engineers, technicians and scientists assisting with the Haz-

ardous Waste and Asbestos Management Programs. Duties include identification, segregation and collection of all hazardous waste generated at NAVWPNCEN; assisting with the management and enforcement of the Center's hazardous waste contractor; assisting management of accidental spills of hazardous wastes or materials; and implementing all the facets of the field program including education, support and maintenance of records as required. Training will be provided. **Job Relevant Criteria:** Basic understanding of hazardous waste program; ability to deal with all levels of Center management; ability to communicate orally and in writing; ability to identify hazardous waste; and ability to interpret and analyze data. Promotion potential to

DT-3.

No. 31-016, Clerk-Typist, DG-322-A/1, Code 3113 - This position is located in the F/A-18 Sensors Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The incumbent provides general office support; participates in security and control of access to restricted areas; assists in control of plant account inventory; and assists in the Branch reference library. Must be able to obtain a Secret clearance. Experience with personal computers desirable. Promotion potential to DG-1. The area of consideration for this position is limited to the 03 Directorate.

No. 31-035, Supervisory Interdisciplinary, (General/Mechanical/Electrical/Engineering/Aerospace/Industrial Engineer/Physicist/Mathematician), DP-801/830/850/855/861/896/1310/1520-3/4, Code 3103 - This position is the Deputy Program Manager in the A-4M/AV-8B/AH-1W Weapon System Support Activity (WSSA). The incumbent will support and represent the Program Manager in execution of all technical and administrative activities. The incumbent will further be responsible for the technical administration of the NWC McDonnell Douglas Aircraft Co. multi-million dollar contract. The Deputy Program Manager will be the technical project leader of the Day Attack Harrier Configuration and aircrew trainer software support as well as other technical projects assigned by project manager. The incumbent will supervise a staff of professional employees. The incumbent will interface with NAVAIR, several NWC organizations, MCAIR and other prime contractors, and other Navy field activities. The incumbent will be responsible for schedules, budgets, monitoring and coordinating technical work, and making presentations to sponsors and NWC management. **Job Relevant Criteria:** Knowledge of aircraft/avionics systems, software engineering, project management, weapons systems integration; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to communicate orally and in writing; ability to comprehend and coordinate a large number of complex technical activities. Promotion potential to DP-4. The incumbent may be required to serve a one year supervisory probationary period.

NO 39-014, ELECTRONICS TECHNICIAN, DT-856-2/3, CODE 3941 - This position is located in the Mechanics and Optics Section, Sensors and Platforms Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The section is responsible for the assembly and testing of state-of-the-art electro-optic seekers. The work will include wiring, checkout, troubleshooting and repair of seekers. Also, incumbent will participate in design reviews of seeker electronics and functional testing of E-O seekers. **JOB RELEVANT CRITERIA:** Knowledge of electrical schematics; Ability to work effectively with technical personnel; Ability to use electronic test equipment. Must be a certified solderer. Must be willing to work in a clean room environment. Promotion potential to the DT-3 level, but not

guaranteed. **No. 62-007, Electronics Technician, DT-856-2/3, Code 62361** - This position is located in the T-9 Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. Incumbent will fabricate, operate and maintain North Range radars and video theodolite systems used for missile and aircraft testing on NAVWPNCEN North Ranges. Incumbent will work with radar transmitters and solid state receivers for pulsed tracking radar systems as well as working on video theodolites subsystems, video cameras and computer controlled devices. Outdoor working conditions and overtime may be required. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit design; ability to troubleshoot digital and/or analog circuits; knowledge of radar and radar systems; ability to communicate orally; ability to communicate in writing. Promotion to DT-3, but not guaranteed. Previous applicants need not reapply.

sible for the preparation and accuracy of final career-ready copy for technical reports produced in the branch. **Job relevant criteria:** Knowledge of NWC Style Guide and pertinent DoD and Navy directives; knowledge of the English language, grammar, spelling, use of abbreviations, and proofreading techniques; ability to prepare and lay out manuscripts in proper format; knowledge of word processing on a Macintosh computer; ability to work accurately under pressure of deadlines; ability to acquire and hold a secret clearance. Promotion potential to DG-3, but not guaranteed.

No. 35-002, Supervisory Interdisciplinary, (Mechanical Electronics/Physicist/Mathematician/Computer Scientist), DP-830/855/1310/1520/1550-3, Code 3576 - This position is Head, Tomahawk Software Branch, in the Attack Weapons Department. The incumbent's primary responsibilities are to maintain and advance the Tomahawk Software Support Activity (SSA). The focus of the SSA is verification and validation. In order to accomplish these, a computing facility with associated simulation software is maintained. Configuration management and data management are accomplished. In addition to directing the branch, this position coordinates several support contracts. Direct contact with the Cruise Missiles Project in Washington, DC, is maintained, as well as, with the prime missile avionics contractor. **Job Relevant Criteria:** Knowledge of life cycle software support for embedded systems; Ability to perform as a first-line supervisor; ability to plan, organize, coordinate, and manage a technical program; ability to communicate orally; knowledge of affirmative action principles including a willingness to implement EEO practices. Promotion potential to DP-4. The incumbent may be required to serve a one year supervisory probationary period.

No. 62-009, Interdisciplinary Supervisory (General/Mechanical/Electronics/Aerospace Engineer), DP-801/830/850/855/861-3/4, Code 621 - This position is the Associate Head, Ordnance Test and Evaluation Division, Range Department. This division is responsible for propulsion, warhead, and environmental and safety test and evaluation of all-up weapon systems and their components. This includes complete x-ray capability, design and fabrication of specialized test hardware and instrumentation, high-speed camera/video support, and real-time radiography. Must be able to obtain and maintain secret level clearance. Incumbent may later require top secret clearance. **Job Relevant Criteria:** Knowledge of testing and evaluation of ordnance, including test set up/tooling, instrumentation, ordnance safety, and program management; knowledge of ordnance systems design including rocket motors, warheads, and associated components; knowledge of facilities maintenance/design; ability to deal effectively with a large, diverse group of technicians, specialists, wage grades, and professionals, as well as off-Center DoD contracted personnel; knowledge of NWC personnel policies and procedures and ability to support NWC EEO goals and objectives. A one year supervisory probationary period may be required for new supervisors. Previous supervisory experience desirable. Promotion potential DP-4, but not guaranteed.

No. 62-012, Multidisciplinary Technician, (Engineering/Electronics Technician/Photographer), DP-802/856/1060-2/3, Code 62311 (Multiple Vacancies) - This position is the Electro-Optical Branch, Instrumentation Systems Division, Range

(Continued on Page 17)

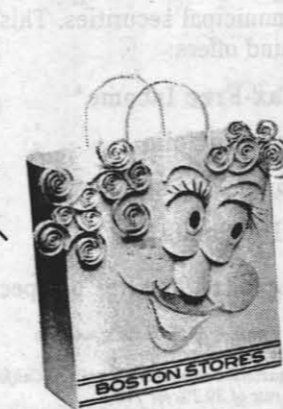
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EEO Awards night

(Continued from Page 1)

overachiever and exceptionally strong person. "All these perceptions are both wrong and right," she said. "It's not my responsibility to change people's belief systems." Along the way she learned first hand of the prejudices people with those conditions have to deal with. It's helped her to realize that "All of us are students and teachers in life--we all have something to give and something to receive."

After a standing ovation for the guest speaker, Capt. Cook took the podium. "As I reviewed our EEO program during the past ten months, I can state that we have made significant improvements," he reflected. "We took a look at our recruiting and selection processes to determine exactly what needed to be done to hire, retain, and advance our minorities, women and handicapped individuals."

"Consider this: more than half the U.S. work force now consists of minorities, immigrants and women. White males are projected to make up only 15% of the increase in the work force over the next ten years."

"I look forward to the time when affirmative action will give way and be replaced by an approach such as managing diversity. . . What we must do is create an environment where no one is advantaged or disadvantaged."

"Managing diversity does not mean controlling or containing diversity, it means enabling every member of our work force to perform to his or her potential. . . to achieve common goals. . . These are exactly the ideals this evening's nominees exhibit in their day to day work," concluded Capt. Cook prior to presenting the awards.

The Employee of the Year award went to the employee judged to have personally contributed the most to the EEO program--Bill Collier of Code 39.

"Your positive image. . . has built a strong recruiting base for NWC. . ."

Over the past seven years he has mentored, nurtured and recruited numerous minority and female candidates for the Junior Professional Program.

"Your positive image with both Tuskegee Institute and Tennessee University has built a strong recruiting base for NWC," noted the Skipper. Additionally, Collier was instrumental in developing a contract proposal which would tap into the talented students in the Nation's historically black colleges.

"Working well with people is one of the most difficult and probably one of the most undervalued attributes necessary to excel at supervision," noted Capt. Cook before announcing Supervisor of the

Year. Barbara Anderson was unanimously chosen from among ten nominees for the award.

As the head of the Travel Branch, Anderson excelled this year in her ability to unify a diverse group to work toward common objectives. She

Three Counselors are credited for 'resolving EEO complaints at the lowest possible level'

hired minorities, disabled individuals, and people of all ages, allowing each to contribute to their fullest. Employees were accommodated through flexible work schedules before it was common practice. The branch also maintains a part time position for single parents faced with child care problems.

Many of Anderson's supporters turned out for the ceremony, attesting to how well she is thought of.

For outstanding performance as EEO counselors, Paul Colter (Code 28), Rosemary Fabiano (Code 31) and Jerry Stein (Code 26) received a special group award. In addition to their normal demanding duties, they took the time to work at resolving EEO complaints at the lowest possible level.

"Your work has contributed to the highest resolution rate within the SPAWAR activities which in turn saves the Navy thousands of dollars in costly complaints," Capt. Cook related. "This is often a thankless job, and it takes people with your professionalism to make it succeed."

The final award of the evening was the Commander's Cup for Excellence in EEO, presented to the outstanding department rated on a number of elements of EEO contributions.

This year's winner, the Intercept Weapons Department (Code 39) had the greatest percentage increase in numbers of women in traditionally male-dominated occupations, and led the Center in the number of overall gains in minority employees during the year.

The department actively supported student programs such as Stay-in-School, Job Training Partnership Act, and Technical Mentor.

Acting Department Head Sandy Rogers walked away with the trophy which will be displayed in the department office before being passed on to next year's winner at this same occasion, the annual EEO Awards celebration.

In conclusion, Wunderlich summed up the evening's festivities: "It doesn't matter how you get up on stage. What matters is what you learn on the steps up. . . EEO is the opportunity for each of us to employ our skills at home, at work and in the community; to develop our potential and use our capabilities."

Volunteer band seeking new players on June 22

Volunteers are still needed for the China Lake All-Volunteer Band. The group is set to provide music for the retirement ceremony of Capt. Robert Dropp, Naval Weapons Center deputy commander and commanding officer of enlisted personnel. The retirement is set for 9 a.m. on Friday, June 22.

Area wind or percussion players are encouraged to sign up. For more information please call Stan Ricker at NWC ext. 3508/2137.

Firewood cutting begins

Firewood cutting season in the Sequoia National Forest is officially open. Personal use firewood permits can be purchased at any district ranger office.

Permits are issued for a minimum of \$10 each. Purchasers can select softwood (pine and cedar) for \$5 a cord, hardwood (mostly oak) at \$10 a cord or a mixture of soft and hard woods, also \$10 a cord. A permit to cut a maximum of 10 cords can be obtained for personal use.

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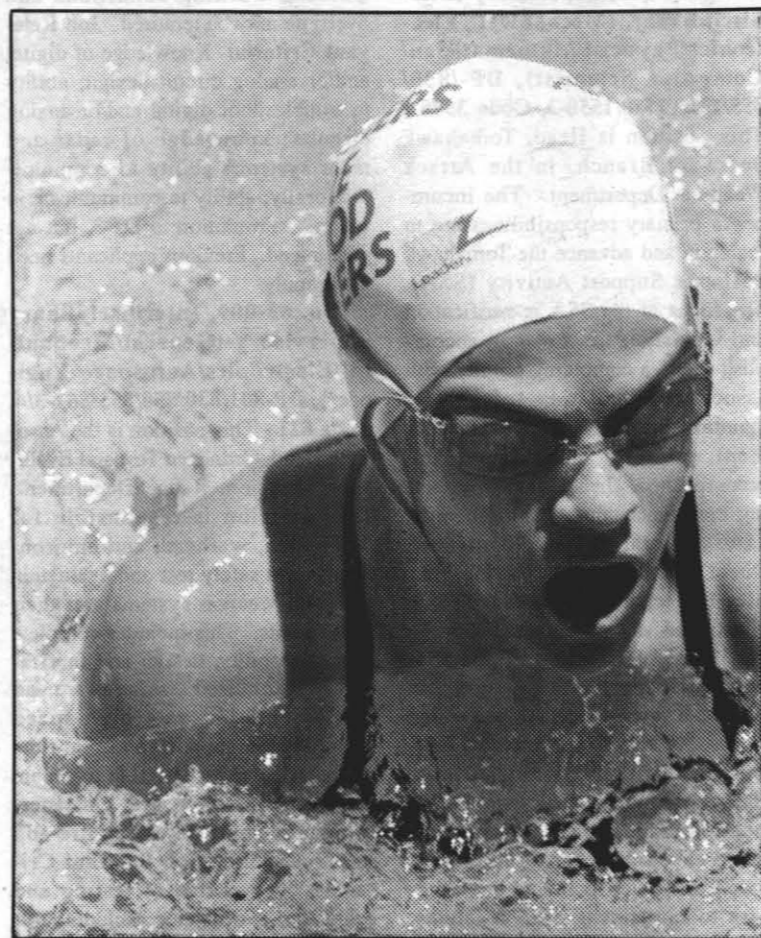


FRANKLIN

ON YOUR MARK, GET SET, GO--More than 300 participants took part in the 5th annual American Heritage 5K Fun/Walk. The photo on the right shows part of the crowd. Photo by PHAN Cary Brady



GETTING SOME AIR--Proper breathing is an important part of swimming a good race. In the picture below, Amy Edman shows she knows the correct style. Photo by Steve Boster



IWV swim team shows good form during Bjorklund meet

With 752 points, the Indian Wells Valley Boys Swim Team swam to an easy victory during the 24th annual Bjorklund Invitation Swim Meet. The event was held last Saturday and Sunday at the Naval Weapons Center Officers' Club pool.

The boys' closest competitor was the Mammoth Lakes Swim Club, who placed second with 363 points.

The Indian Wells Valley Girls Swim Team edged out the competition with a total of 443.5 points. Once again, Mammoth took second place. They finished with a total of 432 points.

The High Desert Swim Team, sponsored by the Ridgecrest Parks and Recreation Department, placed eighth with 12 points.

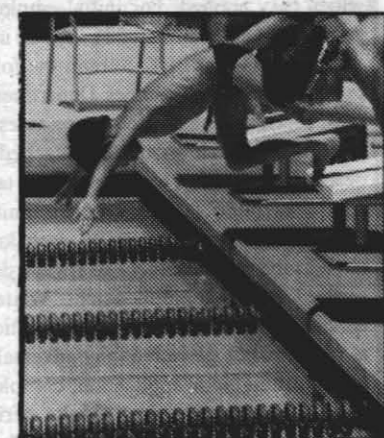
Teams are awarded points each time one of their swimmers place in an event. Seven points are awarded for a win, five for second place, four for third, three for fourth, and so on.

The local boy's team had six high-point winners while the girls only had four.

Indian Wells Valley's top winners for the boys were David Chan, Andy Lopez, Dirk Spoons, Mark Garland, Scott Wilson and Ryan Lopez.

High scorers in the girl's competition for the Indian Wells Valley were Amy Edman, Leslie Pyle, Jodi Pyle and Crystal Diller.

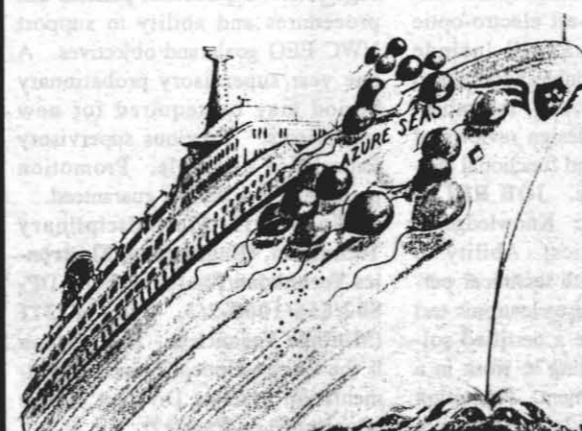
Twenty-six girls' Bjorklund Invitational records were set Sunday and 30 boys' records were



FAST START--Swimmers know a quick start might decide a win or a loss. Above, a competitor gets a quick lead. Photo by Steve Boster

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More than 300 take part in American Heritage run

Cory Sundeen, a Cerro Coso College student, took first place in the Men's Division in the American Heritage Week 5K Run/Walk. Sundeen crossed the finish line with a time of 16:16. In the Women's Division, an employee in the Procurement Department, Kathy Rindt, was the top contender as she finished the race with a time of 19:10.

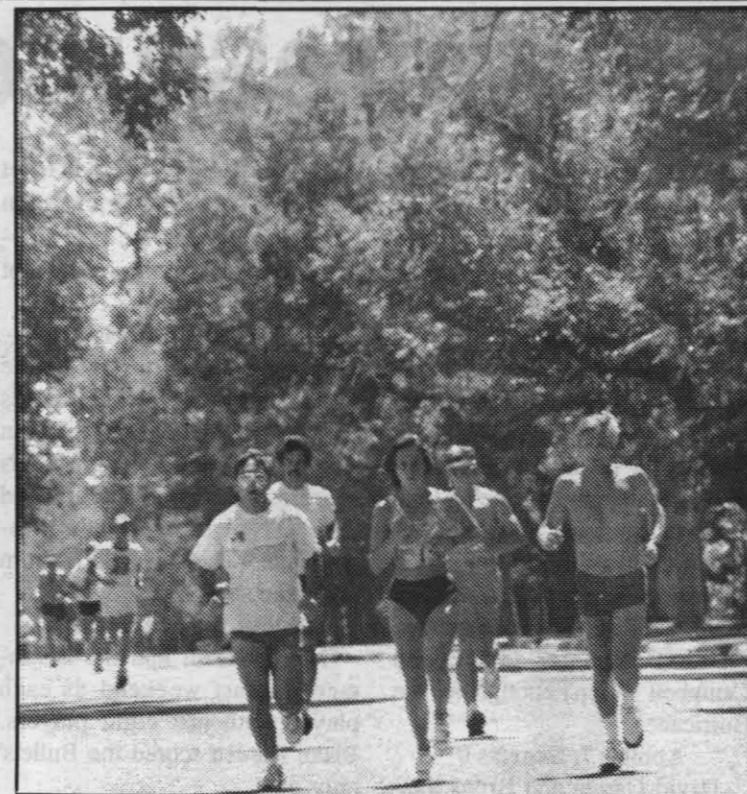
The head of the Product Assurance Division, Engineering Department, Joe Oliver, finished second in the Men's Division with a time of 16:52. The third place finisher was Edward Middleton from the Royal Air Force who finished with a time of 17:25.

With a time of 21:50, Heather Busby, an 11-year old, took second place in the Women's Division. The third place finisher was an NIS agent, Tannis Herr, who finished with a time of 22:24.

According to Sherri Baker, coordinator for the

race, over 300 people participated in this year's event, including a Marine squadron from the Marine Aviation Detachment and members of the Royal Air Force. Five years ago, contestants battled bitterly cold weather, but this year, participants had to overcome temperatures over 100 degrees.

Baker attributed the smooth running of the event to the many volunteers who helped with registering, checking-in and directing the participants. "I would also like to thank Randy Kirkendoll and Brian Ogilvie who helped in all aspects of the race," she said. "In addition, I would like to thank the many military personnel who helped with traffic control. If it wasn't for the numerous volunteers who donated their time and efforts, and the tremendous response from participants, this event wouldn't have been the success it was," she concluded.



COOL IN SPOTS--Participants in the American Heritage 5K Run/Walk appreciated the course as they ran through the shaded housing area. Temperatures were over 100 degrees. Photo by PHAN Cary Brady

Family fishing fun planned

(Continued from Page 13)

At 2 p.m., trophies will be awarded to the child who caught the largest fish in each age group. Tackle and other prizes will be awarded to all registered children...everyone wins! Certificates will be awarded to those youngsters catching their very first fish!

A special fishing area has been provided by the California Department of Fish & Game for handicapped children. The special Handicap Derby will be held at the "old hatchery" facility in Kernville. The department has stocked the pond with lots of hungry trout for these special young anglers to catch.

Help our children funnel their energies in other directions. For further information, call (619) 379-8774 or 376-4774.



DOUBLE TIME--Marines from the Marine Aviation Detachment took part in this year's American Heritage 5K Run/Walk. Photo by PHAN Cary Brady

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Environmental groups praise Coso efforts

Many of this country's leading environmental advocacy groups have recognized California Energy Company's geothermal power project onboard the Naval Weapons Center for making contributions toward reducing "greenhouse gases and ozone depleting chemicals."

Twenty-three of America's top environmental groups created the National Environmental Achievement Award to identify, recognize and honor projects across the country successfully countering environmental threats.

Among the groups supporting this award program for the geothermal development are: Sierra Club, Trout Unlimited, The Nature Conservancy, The Wilderness Society, National Wildlife Foundation, Alliance to Save Energy, The Conservation Foundation, Defenders of Wildlife, Audubon Society and the Union of Concerned Scientists.

"Renew America," an educational and

networking forum for developing of a safe and sustainable environment sponsored the awards under the *Search for Success* program, aimed at finding the most successful of thousands of environmental efforts across the country.

Mike McCloskey said of the program, "Finally, a project focusing on environmental good news." "*Searching for Success* promises to be a resounding success," said Jay Hair of the National Wildlife Federation and Jack Lorenz, executive director of the Izzak Walton League of America added, "After years of media coverage of environmental disasters, the press will now have a store of success stories to draw upon."

The National Environmental Awards Council joined the 23 environmental advocacy groups in promoting the *Searching for Success* program. The council is supported by state and local governments as well as many U.S. senators and representa-

tives. In addition, a wide range of civic groups, businesses and individuals come under the council's umbrella with support for various programs.

In addition, the California State Legislature approved a resolution commending California Energy Co. for "its outstanding efforts in developing clean energy sources for the preservation and protection of the environment." Sponsored by State Senator Don Rogers and Assemblyman Phil Wyman, the resolution also said "while the need for power soars -- the concern for acid rain and the 'greenhouse effect' grows, clean energy sources such as geothermal energy will become the preferred choice."

Since the Coso Known Geothermal Resource Area on land controlled by NWC and Bureau of Land Management is currently generating electricity at the rate of 240 megawatts, the environmental benefits have been immense.

Utility firms have to burn about 10,000

barrels of oil, most of it imported, for every megawatt of power produced in a conventional fossil fuel power plant. This means the power plants now constructed and operating onboard NWC are saving an estimated 2.4 million gallons of oil each year. This is also enough electricity to meet the power needs of 240,000 people for an entire year.

Dr. Carl Austin, head of NWC's Geothermal Program Office in the Public Works Department noted the award is further recognition of the benefits accrued to the Navy by development of the geothermal resource.

During 1989, NWC saved more than \$3.2 million in electricity costs thanks to this development. In addition, the Navy will receive several million dollars a year in revenue from electricity sold to Southern California Edison Company during the 30-year development contract with California Energy Co.

Petroleum geologists visit Coso

One-day trip brought group from Bay Area

Several dozen professional petroleum geologists toured the Coso Geothermal Area on board the Naval Weapons Center last Saturday, courtesy of NWC and the California Energy Company.

The geologists were members of the American Association of Petroleum Geologists attending a meeting in San Francisco. The one-day field trip to China Lake was arranged by Dr. Carl Austin, head of NWC's Geothermal Program Office and Jim Moore of California Energy.

This visit included stops at California's Energy's office, several geologic structures of interest, well pads, an overlook of the Devils Kitchen area and the Navy I power plant.



COOLING TOWERS--When petroleum geologists visited the Coso Geothermal Plant, they saw huge cooling tower at work. The towers are an important part of the environmentally sound development of the geothermal resources at NWC.

BLM imposes fire restrictions on public lands

After four years of drought, public lands in Southern California need the public's help in preventing potentially disastrous wildfires. The U.S. Bureau of Land Management (BLM) reminds the public that all state and local wildfire prevention laws and regulations apply to all public lands within the region.

From now to the end of fire season, campfires and barbecues are allowed, but only with permits, in Stage I areas, which include the high desert area, Sierra foothills, Inyo/Panamint, the East Mojave National Scenic Area and the Santa Rosa-Mountains National Scenic Area.

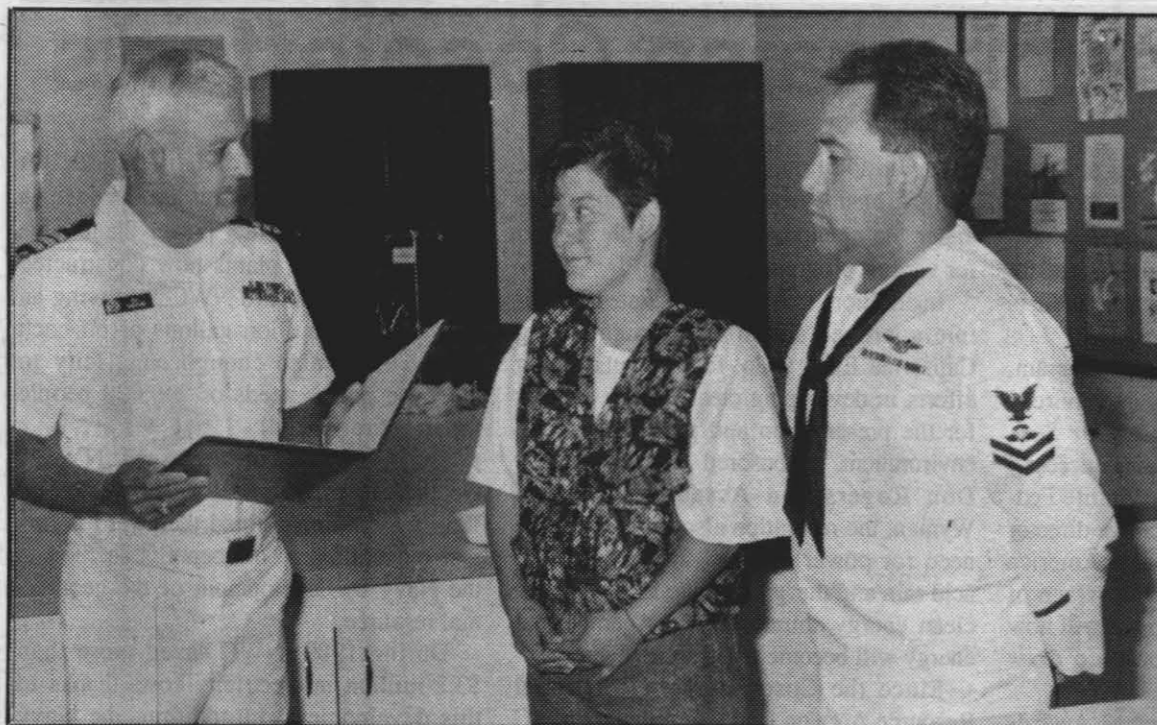
They are prohibited under all circumstances in Stage II areas (except for controlled flame devices such as portable gas stoves) outside of developed recreation sites, the foothills of the San Bernardino Mountains, McCain Valley Conservation Area and all public lands outside the California Desert Conservation Area.

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BON VOYAGE--PR2 Juan Alva left for "C" school and ultimately the *USS Tripoli* recently; but not before reenlisting for four more years with the Navy on May 25. Cdr. Gilbert Baron (left) issued the oath, witnessed by Alva's wife, Vena, at the NWC paraloft. Photo by PHAN Cary Brady

**Aerobic dancers take note:
Schedule revised by Wellness**

Following is a revised schedule for the low-impact aerobic dance classes offered by the NWC Wellness Program (NWC ext. 2468). Participants must be a DoD employee or active duty military personnel to attend. There is no charge, however, participants will be asked to sign an inherent risk form. Participants will also need their badge for ID, a thick towel or mat for floor exercises and supportive shoes.

Airfield -- M, T, Th, F -- 4:40 p.m., Parasytems Bldg.
CLPL -- M, T, W, Th -- 4:30 p.m., Bldg. 115
PW -- M, W, Th, F -- 4:15 p.m., Aerobics Room
PW -- F -- 5:15 p.m., Aerobics Room
Youth Gym -- M-Th -- 5:15 p.m., Youth Center
Youth Gym -- M & Th -- 6 a.m., (with the Military Sweat Program) Youth Center.
Be there for the health of it!

NRS closes shop 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 quarterdeck at NWC ext. 2303.

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Seafarer gears up for grins

John Bizarre and Joan Fagan are just two of the comedians who will keep their audience in stitches as they take part in Comedy Night at the Seafarer Club on Wednesday, June 13. The laughs start at 8 p.m. All three comedians have had extensive experience performing in well-known comedy clubs up and down the western coast. In addition, Fagan has appeared in a number of commercials and Bizarre has brought his act to HBO. Cost is \$5 per ticket bought in advance and \$6 per ticket purchased at the door. Make a night of it and enjoy the Seafarer Club's scrumptious buffet dinner of steamship round of beef from 6 to 8 p.m. Dinner is only \$5.95 per person.

Visiting reservist relates experiences at the Lake

(Continued from Page 3) quip that his business is getting in the way of his community service. In April, Haupt and his wife, Diane, were honored with the 1990 Citizen's Award from the Los Angeles County Public Library system. "Diane is the real volunteer in the family," praised Haupt. She volunteers about 35 hours a week recycling and selling donated books through the book mobile. Husband and wife are members of Friends of the Library, a fund-raising organization. The Haupt's have two children in college and one in high school. What drives Haupt to volunteerism? "I'm a people person," he shared. "If it weren't for the friends we make through volunteer work, it might not be worthwhile." Maybe "thrice the citizen" is more fitting.

Youth resume soccer play

After enjoying a week off for the Memorial Weekend, players in the Naval Weapons Center Youth Soccer League resumed play last weekend. **Division I**
Eagles 3, Hurricanes 0
Two goals by Matthew Bloudek and one by Ben Marvin, along with teamwork and good ball handling by Rodney Sloan resulted in victory. Adam Miller and Timothy Witt also had good moves in the win. Efforts by Kevin Collins, Jared Mickelson, Sheldon Plummer and Megan Campbell weren't enough for the Hurricanes. **Apollos 7, Express 0**
David Garcia and Brian Haugen led their team to victory with three goals a piece. Jack Harrison kicked in the additional goal. Joey Andre-Holzman, Greg Waller and Brett L'Hommedieu also played an excellent game, keeping the Express scoreless. Despite the loss, David Begin, Michael Chambers, Joe Barnes and Chrissi Wolfe showed an understanding of soccer skills. **Cobras 1, Cougars 0**
Defensive plays by both teams made this an exciting match. However, Jerod Ellingson got one by the Cougars' goalie for the win. Kourtney Williams, Ryan Hennigan and Kevin Finch made the Cobras a hard team to beat, while Pat McDonald, Joseph Mitchell and Robert and Ryan Charlon showed the Cobras they also were skillful soccer players. **Stallions 3, Coyotes 1**
Even though Kelly Gartner and Ben Roush played a great

game, the Coyotes couldn't get the best of the Stallions. Quinn Edwards kicked in the lone Coyotes' goal. The Stallions did not turn in a score sheet. **Sounders 2, Owls 0**
Outstanding stops by goalie Ira Mackey and defensive moves by Kevin Boland, Steve Ribultan and Jeff Collins kept the Owls scoreless. Brian Kajiwarra and Rory O'Neil booted in the winning goals. The Owls did not turn in a score sheet. **Bullets 1, Roughnecks 1**
Neither team had the advantage the last weekend as each played with just eight players. Blake Harden scored the Bullets' only goal and Jason Hick kicked in the Roughnecks' one goal. **Joeys 1, Blanton and Karen Behr** gave their all to the Bullets, as Chris Gallo and Matt Lebarre did the same for the Roughnecks. **Division II**
Earthquakes 4, Wolves 2
Johnathan Ford's two goals and efforts by Karla Villegas, Jeff Haack and Chris Brown couldn't stop the Earthquakes as they trembled to victory. The Earth-

quakes did not turn in a score sheet. **Whitecaps 4, Electrons 3**
In an exciting match, the Whitecaps narrowly attained victory by one goal. The victorious goals were kicked in by Jeff Robbins and Robbie Mitchell. Electrons' goals were knocked in by Andy Pape and Adam Szymanski. Justin Weidenkopf and Nathan Mickelsen did an superb job of keeping the Whitecaps from running away with the game. **Jets 3, Rockets 2**
Two goals by Robert Hoffman and one by Josh Chambers boosted the Jets to another victory. Ben Nazek and Laurence French kept the Rockets from getting an extra edge. The Rockets did not turn in a score sheet. **Diplomats 3, Strikers 2**
In another close game, moves by Arthur Walker and Mike Serrano, and goals by John Fath and Clint Jones, fell short as the Strikers fell to the Diplomats. The Diplomats did not turn in a score sheet. **Division III**
Stings 4, Mustangs 1
Motivation and expert plays by Chris Maki and Jolie Ann Robison, along with goals by Nick Prichard, Kevin Nowicki, Ben Coleman and Jonathan Mickelsen, earned the Stings a

victory. According to the Mustangs' coach, if it weren't for the excellent job goalies Abe Souza and Chris Kajiwarra did, the score would have been much higher. **Lancers 3, Furies 3**
Outstanding running defense by Nick Ford and goals by Jared Robison, Chris Potten and Jason Ford, weren't enough to upset the Furies, who had excellent plays by Daniel Bolin, Michael Murphy and Heather Busby. Glenn Conrad and Aaron Knecht had solid shots on goal for the Furies. **Soccers 6, Goalbusters 4**
According to the coach, great teamwork was used to bring the Soccers from behind to victory. Winning goals were kicked in by Jaime Rugg, who knocked in three goals, and Frank Campbell, Gayland Wilson and Thai Gutierrez, who each kicked in one. **Division IV**
Aztecs 2, Renegades 1
Goal keeping by Sean Kajiwarra and defensive efforts by the Eberhart brothers preserved a 2 to 1 victory, noted the Aztecs' coach. James Gonzaga and Steve Sticht had successful shots on goal in the win. The Renegades' coach noted there were several shots on goal, including a penalty kick, that were unsuccessful. However, Tyler Gilliam, Howard Gamble and Joe Mechtenberg played a good game, despite the loss. Jerry Green kicked in the Renegades' lone goal.

Derby gives alternative to drug use

Hey, parents!!! The Kern River Valley Drug Awareness Association is promoting a free fishing derby for children 15 years of age and under at Lake Isabella tomorrow, June 9. Since this derby coincides with the first of California's free fishing day, this is a perfect opportunity for a family outing! The sole purpose of this association is to promote "fishing instead of drugs" for today's youth. Registration for the 1990 "Get Hooked on Fishing...Not Drugs!" fishing derby is set for 7 a.m. on June 9 at the French Gulch Marina on the west shore of Lake Isabella. After registering, participants may fish for any type of fish in either Lake Isabella or the Kern River (bass must be a minimum of 12 inches in length as specified in California fishing regulations). All fish caught may be weighed in to compete for prize awards. Fishing for the derby concludes at 12 noon. During the derby, fish caught can be weighed in at the French Gulch Marina. Free hot dogs and pepsi will be provided from noon to 3 p.m. at the French Gulch Group Camp Grounds. (Continued on Page 14)



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