



# COMMENTARY

## The Commanding Officer's Desktop



### China Lake Calendar

#### Thursday, June 11

- American Heritage Week activities conclude
- Safety Awareness Week activities conclude

#### Sunday, June 14

- Flag Day Ceremonies at Elks Lodge, 3 p.m.

#### Tuesday, June 16

- ITEA luncheon meeting, Carriage Inn, 11:30 a.m.
- Government surplus auction, Warehouse 41, registration begins at 7:30 a.m.

- Seafarer Club Dining Room closes for summer
- Fellows Program Awards, 9 a.m., Michelson Laboratory, Room 1000D

#### Saturday, June 20

- MOWC 5 and 10 K Run/Walk events for crash victims' families, 8 a.m., Solar Park
- High Desert Doubles Tennis Tournament, June 20-21, at China Lake Tennis Courts
- Comedy Night, China Lake Community Pool

### THE ROCKETEER

#### NAVAL AIR WARFARE CENTER WEAPONS DIVISION

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**SURVIVOR FUND DONATION** — Knights of Columbus Grand Knight John Martin [center] presents check for \$500 to Ridgecrest Chamber Military Affairs Committee members Larry Smith and Cdr. John Mills, NAVS XO, for MU-2 crash survivors.

## Letters

### To the Editor:

I would like to take this opportunity to thank the people of this community for the outpouring of compassion that was extended to the girls and me upon the loss of my husband, David.

I do greatly appreciate the meals, expressions of sympathy and the trust fund contributions you have so generously provided. Thanks also to those who gave of their time to organize these efforts.

Please continue to remember us in your prayers, that God's grace would be sufficient for the challenges which lie ahead.

Kelly Garnett



### Pages From The Past

#### June 11, 1982

A highly successful Navy Relief Society fund drive at China Lake netted \$14,266.

PR1 Bill Leuellen logged parachute jump number 45,000 for the Parachute Systems Department. . . LCdr. Douglas G. Heitschmidt is the new protestant chaplain at NWC. . . The Center's new parcourse is now open for physical conditioning business. . . AKA Tim Ballard is the Center's Bluejacket of the Month.

#### June 9, 1972

Hack Wilson, NWC technical director, gave the keynote address at the Burroughs High Graduation ceremony. . . Dr. Robert Rockwell took part in the third annual Biomedical Engineering Society conference. . . Capt. Robert S. Moore, technical officer, left China Lake for Fort Douglas, Utah. . . Alma A. Koch of NWC was named the Tiffin (Ohio) University Alumus of the Year for 1972.

Chief Radioman Leonard Lesniak retired after 24 years duty. . . Merit Promotion announcements from NAWCPNS are relatively brief; however, those now included from other NAWC facilities are sometimes rather lengthy. These might be edited to create room for enlarged type.

Currently, announcements appear more than once by request. If codes were restricted to running an announcement only once, more space might be available for large type. Another idea is to charge for these announcements, which would probably eliminate some.

Merit Promotion announcements from NAWCPNS are relatively brief; however, those now included from other NAWC facilities are sometimes rather lengthy. These might be edited to create room for enlarged type.

One last suggestion is that anyone with access to the VAX can read the Announcements in 10-point type.

**June 8, 1962**  
NOTS sailor, BMI Harold Nethig, received the Navy-Marine Corps MEdal for Korean War heroism that took place 10 years ago. . . Pacific Airlines passengers need to arrive by 6:15 a.m. if the hope to travel that day. . . Donna Huse is the valedictorian for the 17th Burroughs High graduating class. . . The Rocketeer printed a four-page summary of Executive Order 10988 on civil service management - employee relations.

**June 11, 1952**  
Bob Symons, formerly with the Sierra Wave Project completed a 340-mile glider flight from Bishop to Blythe. . . A shortage of pennies has hit the Bank of America and Navy Exchange at NOTS. . . George Bartram is the new Fleet Reserve Association president. . . Dr. Eugen Lieber succeeded Dr. Gilbert Smith as head of the chemistry division. . . Ten-year old David Rogers, a rheumatic fever victim raises parakeets to help pass the time away from school.

### CORRECTIONS, from Page 9

#### Page 7

The absence of a headline on Betty Miller's "Wellness Corner" last week could have been put off as a way to pique your interest, but alas, it was just another oversight. This week's "Wellness Corner" again is devoted to physical fitness assessment times and locations and how to make an appointment.

#### Page 9

Two stories got clipped on this page. The last part of the TD Award story should have said: "(Vic Walking) likes having seen the program progress from wire-wrapped breadboard component testing to 15 engineering models built and a six-for-six successful firing record. Now he and other team members are working on evolving modifications as the independent test series progresses at Point Mugu."

A very critical portion of the ITEA meeting announcement was omitted. What did run explained that the speaker would be George Smith, director, NAWCPNS Threat Simulation Directorate and that the deadline for reservations is Friday, June 12. What got left out was who to call for reservations and what the number is. Further, who would have attended a luncheon on 11:30 p.m.? It's really in the a.m. Please, call Linda Hill at CTA, 446-9431, for reservations.

(On this last one, the same thing has happened on at least one page for the past several weeks and I've always caught it, fixed it and forgot it. Since it actually made it to print, I wanted to root out the bug. With the help of Ralph Kulas of Comarco, who helps with layout, I was able to track down what we've been doing wrong and now know what to look out for.)

## Fellows Awards presentation next Tuesday in Michelson Lab, 1000 D

On Tuesday, June 16, the Fellows Program Awards will be presented at 9 a.m. in Room 1000D of Michelson Laboratory. The awards will be presented by Bill Porter, the Naval Air Warfare Center Weapons Division's deputy commander for research and development.

The Fellows Program, established in June 1988, honors those individuals, whether they are scientists, engineers, mathematicians or other technologists, with formal peer recognition for their continued and outstanding contributions to the technical success of the Naval Air Warfare Center. The awards ceremony for these distinguished and select group of recipients is an annual event.

No reservations are required and all NAWC and Naval Air Weapons Station employees are encouraged to attend.

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## COMMUNITY EVENTS

# What's happening

Need to sharpen your presentation skills or need to practice public speaking? Starting June 16, the China Lake Toastmasters will conduct "Speechcraft," an eight-week course in the art of speaking and giving presentations. As well as learning parliamentary procedures, the course allows participants to learn about organizing speeches, using body language, vocal variety and so on. The class will meet every Tuesday at 6 p.m. in the Training Center, Room 203. The cost is \$5. Please contact Jim Alley at 927-1266, if interested.

####

Low-cost pregnancy screening services will be offered by the Kern County Health Department, 250 W. Ridgecrest Blvd., by appointment only from 8 to 10 a.m. on June 16 and 24. Services include pregnancy testing, counseling, health education and referral information on prenatal and family planning services. Women who have not had a menstrual period in 42 days or more and think they may be pregnant should see their physician or attend one of these clinics. There is a \$2 charge for each pregnancy test. Medi-Cal, credit cards, insurance forms, or large bills will not be accepted.

####

Family day care home licensing orientations are conducted by the Community Connection for Child Care on the fourth Tuesday of every month at 1:15 p.m. and are open to any interested persons. The June orientation will be on June 23 at 440 W. Robertson, Ridgecrest. Although appointments are not necessary, individuals are encouraged to call 375-3234 the day of the orientation to confirm place and time. This orientation is not part of the family day care home licensing provided by the Naval Air Weapons Station China Lake.

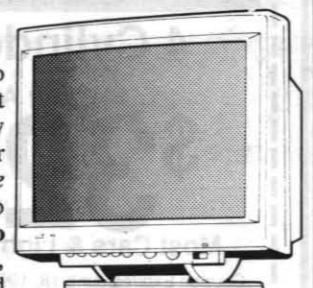
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- Hats
- Balloons
- Baskets



### COOKIE EXPRESS

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## Tickets for Women's Center's 'gift giveaway' are now on sale

The Women's Center of the Indian Wells Valley will hold its 1992 Gift Giveaway June 30. Winners will be announced on KLOA radio's morning news. Tickets are \$1 each or 6 for \$5. They are available at the Women's Center business office, 815 E. Inyokern Road, China Lake.

Prizes include vacations at the Show Boat Hotel Casino and the Flamingo Hilton in Las Vegas, free video rentals from Major Video, a \$75 gift certificate

## Cerro Coso offers summer classes for children 6 to 17 years of age

Summer Youth College at Cerro Coso Community College begins June 15. Classes, ranging from one to five weeks, are geared toward youth 6 to 17 years of age. Schedules and registration forms are available at the college, Kern County Library, Ridgecrest Chamber of Commerce, Maturango Museum and Kerr McGee Center. All classes are filled on a first-come, first-served basis.

"Calling the World," offered on Thursdays June 18 through July 16, will be held from 8 to 9:30 a.m. Each class section costs \$5. The course introduces worldwide communication by speaking to ham radio operators. This class is for youth 12 to 16 years of age.

Other classes include ceramics, photography without a camera, cross stitch, cartooning, and watercolor painting.

neer life by baking bread, making beef jerky and dipping candles. It is offered from 1 to 2:30 p.m. from June 22 through 25. The course fee is \$25.

"A Pioneer Adventure with Mrs. Daniel Boone" will be offered to children 6 to 8 years of age. This course teaches how to survive the rigors of pio-

## NAWS television Channel 17 seeks volunteers to monitor programming

Television volunteers are needed! The NAWS China Lake Public Affairs Office and the Video Project Branch of the Technical Information Department need military volunteers to stand four-hour television watches at Navy Channel 17 KNID.

## New Military Admin phone numbers

Not only does the Military Administration Department at the Naval Air Weapons Station China Lake have new offices, located in the Headquarters Building, it has new phone numbers.

The new numbers are:  
Cdr. Chip Mills, XO, 939-2606;  
Lt. Adam E. Paterson, administration officer, 939-2568;

Lt.j.g. Julie Toft, discipline officer and assistant administration officer, 927-1552;

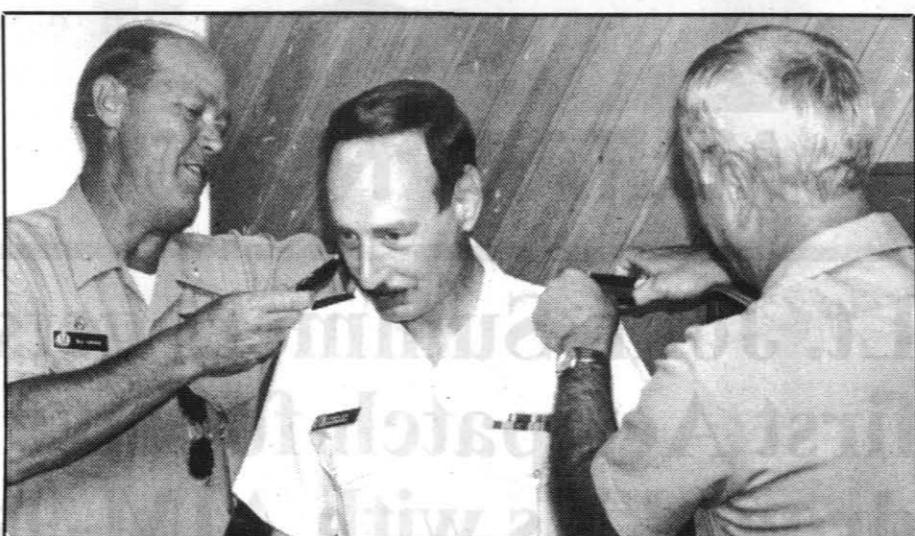
AVCM Billy W. Keeler, command master chief, 939-6501;

OSC Norman D. Colwell, command career counselor, 939-2782;

SMC John C. Smosna Jr., command Equal Opportunity Program specialist, 927-1554;

RM1 Charles Abbott, Drug, Alcohol Program advisor (DAPA), 927-1550;

Volunteers will stand one four-hour watch five nights a week to monitor KNID programming. Interested volunteers should apply via Command Master Chief Keeler by close of business Friday, June 12. For more information call the Public Affairs Office at 939-3511.



**MOVING UP**—NAWS CO, Capt. B.J. Craig and XO, Cdr. John Mills performed pinning ceremony of Command Chaplain S. A. Casimano to commander June 1.

## Chapel Call

By Lt. Gerald L. Goodman, CHC, USNR  
Assistant Command Chaplain



## Transformation

A press conference was held in advance of a large convention of barber and beauty shop suppliers. A disgustingly unkempt man was introduced as the most messed-up specimen of human nature that could be found. The man was dirty from head to foot. His clothes were in tatters. He smelled of alcohol and of the alley in which he was found.

The convention's publicity agent announced plans to transform the man from the worst-looking derelict to the finest looking gentleman in the city. Then a team of barbers and beauticians went to work on the man. They bathed, shaved and shampooed him. They cut and styled his hair. They massaged and manicured him, cologned and perfumed him, dressed him in fine clothes from head to toe.

During each step of his transformation, which took several days, photographs were taken and printed in the newspapers. Everyone who followed the scenario was amazed at the truly remarkable change that had taken place in the man's appearance. One company personnel executive was so impressed he offered the man a good job.

The new employee was instructed to report for work the next morning at nine o'clock. But he didn't appear at nine. In fact, he didn't show up all day. So the personnel officer went looking for him and found him back in the alley where he had been found. There he lay, already drunk, dirty and disheveled. Although the barbers had managed to change the man's outward appearance, there had been no inward change—and the man himself remained as before.

If we really want to change it has to begin from within. God is ready to begin the transformation process in our lives, but we must first give ourselves to him.

"Do not conform any longer to the pattern of this world, but be transformed by the renewing of your mind. Then you will be able to test and approve what God's will is—his good, pleasing and perfect will." Romans 12:2(NIV)

## New Branch Medical Clinic numbers

With activation of the new telephone system at China Lake, new numbers were assigned to key services or functions at the Branch Medical Clinic.

The new numbers are: appointment desk, 939-8000; health benefits advisor - CHAMPUS, 939-8007; patient contact representative, 939-8033; and family advocacy representative, 939-8002.

## Patronize CHAMPUS providers and save

"Participation" in CHAMPUS means that the provider accepts the CHAMPUS allowable charge as his or her full fee for any care provided.

A participating provider will file the CHAMPUS claim for you, too. You will only have to pay your deductible and cost-share amounts, and for any services that aren't covered by CHAMPUS.



## All Faith Chapel Services

### Protestant

Sunday Worship Service, East Wing  
Sunday Worship Service, Main Chapel  
Sunday School, 1008-10 Blandy & 1903-05 Mitscher  
Bible Study (East Wing), Wednesday  
(September thru June)

Men's Prayer Breakfast, East Wing, Thursday  
Officers' Christian Fellowship/Christian Military Fellowships,  
East Wing, Thursday

### Jewish (375-0385 Messages)

Weekly Services (East Wing), Friday  
Adult Hebrew Lessons (East Wing), Saturday  
(September thru June)

Religious Education (East Wing), Sunday  
(September thru June)

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### Roman Catholic

Sunday Mass, Main Chapel  
Daily Mass, Small Chapel  
Confessions, Weekdays  
Religious Education Classes, Sunday  
(September thru May)

1902 Dibb, 1002 Blandy,  
1008-10 Blandy &  
1903-05 Mitscher  
Scripture Classes, Tuesdays  
(October-January)

St. Ann's Parish Hall  
7:30 p.m.  
7:00 p.m.  
11:30 a.m.  
6:30 a.m.  
7:00 p.m.  
9:00 a.m.  
10:30 a.m.  
9:00 a.m.  
10:15 a.m.

Islamic  
Jumaa Prayer, Friday (1002 Blandy)  
(September thru June)

9:30 a.m.-12:30 p.m.  
1:00 p.m.

Mon.-Sat.  
10:30-6 p.m.

### Catholic

By appointment

Religious Education Classes, Sunday

By appointment

Scripture Classes, Tuesdays

By appointment

St. Ann's Parish Hall

7:30 p.m.

7:00 p.m.

10:15 a.m.

11:30 a.m.

6:30 a.m.

7:00 p.m.

9:00 a.m.

10:30 a.m.

11:35 a.m.

## Tennis club plans tourney June 20

China Lake Tennis Club's "High Desert Doubles Tournament" is slated for June 20 and 21 at the China Lake Tennis Courts. During the tournament, the courts will be closed for recreational use.

The tournament is open to all residents of China Lake, Ridgecrest and the surrounding area. Categories offered include Men's and Women's Doubles and Mixed Doubles for "A," "B" and "C" players. Fees are \$9 per person for the first event and \$5 per person for the second event.

Entry forms are available at the China Lake Tennis Courts.

## Cycling championships planned

From August 14 to 16, 1992, USMSA National Cycling Championships will be held at Fort Bliss, El Paso, Texas. Participation in the championship races will be open to all active duty military and active reserves and National Guard men and women. Both licensed and unlicensed cyclists are eligible.

Reduced air fare will be available on American Airlines and TWA for participating active duty military personnel. American Airlines will waive the bike transportation fee to this championship and to all USMSA sponsored, co-sponsored and sanctioned events.

Registration forms will be available soon from USMSA and Fort Bliss Sports Activities Office. Pre-registration, plus a \$25 registration fee, is to be completed by July 17.

For more information, contact Lindy Sorrell, Fort Bliss Sports Activities Office, Fort Bliss, TX 79916. Phone AV 978-6023 or commercial (915) 568-6023.

Awards will be presented after each race to active duty and other military riders in all race categories. Overall winners will be named in each category at the conclusion of each of the three races, based upon a point system.

There are no qualifying races or requirements. Participation in regional competitions prior to the championships is not required. Races will start early Friday morning and continue on Saturday and Sunday mornings. The events will include a Time Trial Race, Criterium Race, and Road Race. There will be men's and women's categories for both United States Cycling Federation (USCF) licensed riders and unlicensed age-groups.

For more information, contact Lindy Sorrell, Fort Bliss Sports Activities Office, Fort Bliss, TX 79916. Phone AV 978-6023 or commercial (915) 568-6023.

Awards will be presented after each race to active duty and other military riders in all race categories. Overall winners will be named in each category at the conclusion of each of the three races, based upon a point system.

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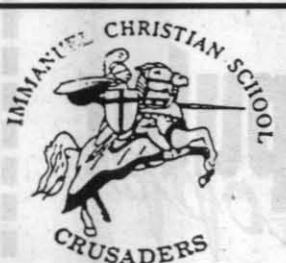
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## McColloch sets another record in King of the Mountain bike series

Jess McColloch broke his own record Saturday during the second part of the King of the Mountain Series, turning in a 2:13 by three seconds during the second stage of the Morale, Welfare & Recreation Department and High Sierra Cyclist co-sponsored bicycle race.

In the Women's category, Shaleen Tooker beat her previous time by one minute and forty-two seconds. She completed the 2.2-mile course with a time of 24:26.

Justin Buckley was the only competitor in the Men's 18 and under category who challenged "B" Mountain for the second time. He finished with a time of 19:23.

Mark Lambert kept his lead in the Men's 19-29 category by finishing first with a time of 19:20. His total points for the first two parts of the race is 20 points. Andrea Serrano has second place with a total of 18 points. He crossed the finish line in a time of 24:31. Jerry Huntley was third in last weekend's race with a time of 29:19, followed by Art Aquero, who finished in a time of 30:09. Elvy Hopkins took fifth place with a time of 32:55.

The third and final part of the series will take place on June 20. Participants are reminded to bring their receipt so there won't be a problem going through Lauritsen Gate.

place with his time of 25:01, earning a two-race total of 14 points. Curtis Martin is in fourth place with 13 points. He finished the second leg of the race in a time of 25:01.

A time of 17:32 earned Dan Buckley a first place finish in the second race of the Men's 35-44 category. He has a two-race total of 20 points. Tom Rafalski earned a total of 18 points with his second day race time of 18:44. Marty Stone crossed the finish line with a time of 18:50, while Kem Park tallied a finishing time of 19:58. Mike O'Connell finished the second day's race in 30:34.

In the Men's 45 and over category, Bob Glenn keeps his lead and a two-day race total of 20 points for his finishing time of 23:49. Lou Carboni is in second place with a total of 18 points. He crossed the finish line in a time of 24:31. Jerry Huntley was third in last weekend's race with a time of 29:19, followed by Art Aquero, who finished in a time of 30:09. Elvy Hopkins took fifth place with a time of 32:55.

Hospital Corpsman First Class Wayne Brown urges military and civilian personnel to take part in the blood drive being held at the Naval Air Weapons Station China Lake Branch Medical Clinic on Friday, June 26.

Sponsored by Naval Hospital, Long Beach, the drive will be held from 8 a.m. to 1 p.m. The donated blood will be used by the Armed Services Blood Program.

## Management Analysis Branch changes departments, location and phone numbers

Most of the Management Analysis Branch has switched departments and code numbers, and the personnel have new phone numbers.

The branch manages several programs, including, civilian and military manpower, efficiency reviews, position management, mobilization and commercial activities.

The new branch head is Nancy Crawford, who can be reached at 939-3196.

Other branch members, with their phone numbers, are: Nancy Bryant, 939-8138; Paul Colter, 939-2853; Kay Delger, 939-8141; Dr. John Giovino, 939-8136; Judy Holder, 939-8140; Jean Johanboeke, 939-8135; Lucinda Lundin, 939-3371; Pauline Rowan, 939-3372; and Vivian Ryno, 939-8139.

## Wellness Corner

By Betty Miller  
Wellness Coordinator

This is the fifth year of the Wellness Program's Health and Fitness Assessments.

In the future, we anticipate this service will be offered every other year. So, if you are thinking of waiting until next year, sign up now.

To make an appointment for a fitness assessment, call 939-2468 or use any computer or terminal by connecting to the SCFC VAX.

If you have access to another VAX on the network, log on and type "set host scfc". Once connected to SCFC, type in WELLNESS for both the user name and password. A schedule will appear with instructions for making an appointment. Please use the computer to make your appointment if at all possible.

Sign-ups still being taken for Fitness Assessments

ble. For further information, call 939-2468.

**Physical Fitness Assessment Schedule**  
June 17—CLPL, Bldg. 115—call Kathy Learman (939-7944) for appointment.

June 18—Armitage Field, Parachute Systems Building 2020

June 22 to 24—Michelson Laboratory, B/C Conference Room

June 25—EWTES, Fire Station—Inbox Bret Jacobson for appointment.

June 30 and July 1—NAWS Gymnasium

Physician-attended assessments are scheduled 7-9 July at the Branch Medical Clinic.

## DoD blood drive set for dispensary

Hospital Corpsman First Class Wayne Brown urges military and civilian personnel to take part in the blood drive being held at the Naval Air Weapons Station China Lake Branch Medical Clinic on Friday, June 26.

Sponsored by Naval Hospital, Long Beach, the drive will be held from 8 a.m. to 1 p.m. The donated blood will be used by the Armed Services Blood Program.

People who have questions regarding whether they can donate or not should call Brown at 939-8017.

This site is on the south side of the

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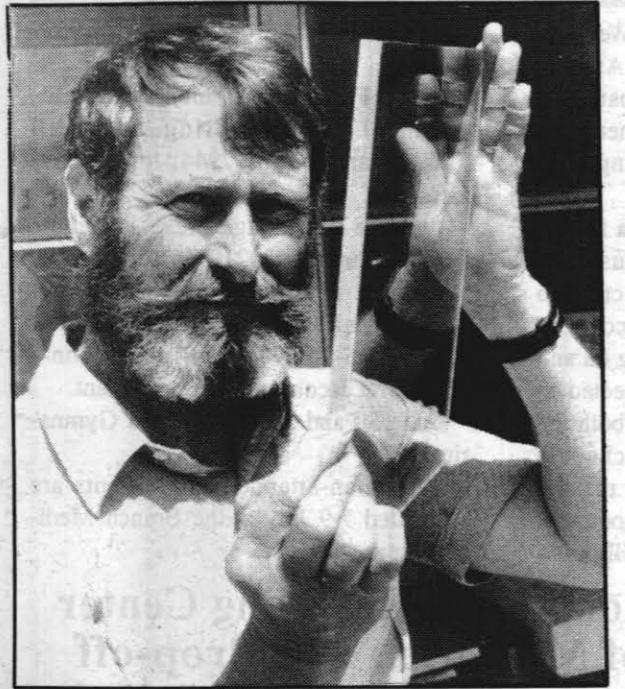
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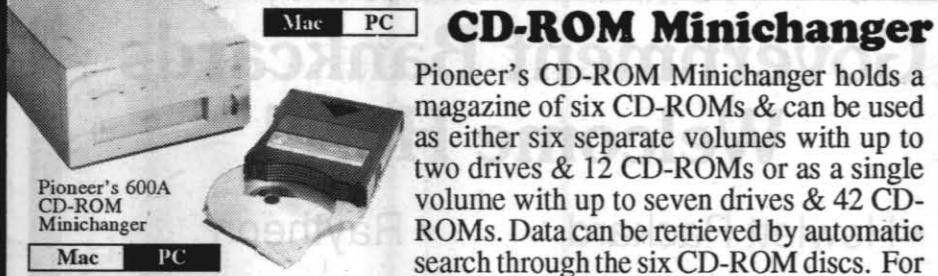
# Imaging glass developed for range test use may yield medical x-ray advances

*Government-contractor team gains in real-time x-radioscopy show Small Business Innovative Research Program benefits government and industry*



**TRAPPED LIGHT** glowing bright green causes edge of 12-inch square piece of radiographic imaging glass to appear frosted in black and white photo. Glass was developed after Jon Rogerson's proposal was funded by the Small Business Innovative Research Program.

According to Lois Herrington, head of the Naval Air Warfare Center Weapons Division Small Disadvantaged Business Office, the objectives of the SBIR Program are to stimulate technological innovation in the private sec-



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By Barry McDonald  
Editor

In 1986 Jon Rogerson had a dream.

He wanted improvements in efficiency, brightness, spatial resolution, contrast and decay time over the polycrystalline gadolinium oxysulfide (GOS) screen scintillator (x-ray-to-light converter) commonly used in real-time x-radioscopic procedures.

In English: he wanted better video pictures of the components inside rocket motors during test firings.

He submitted his dream as an idea for inclusion in the "Program Solicitation" publication for the Small Business Innovation Research (SBIR) Program, and the results, which were beyond his wildest dreams, included the project being recognized in *R&D Magazine's R&D 100 Awards*. The award is presented to developers of the 100 "most technologically significant new products of the year."

Under the SBIR Program, small businesses with strong research and development capabilities in science or engineering are encouraged to submit proposals to solving problems or developing concepts presented in the "Program Solicitation," which is available to all technical small businesses throughout the United States.

According to Lois Herrington, head of the Naval Air Warfare Center Weapons Division Small Disadvantaged Business Office, the objectives of the SBIR Program are to stimulate technological innovation in the private sec-

tor, to foster and encourage participation by minority and disadvantaged persons in such enterprises, to strengthen the role of small business in meeting DOD R&D needs, and to increase commercial application of the results of DOD R&D.

If a company's proposal is accepted, SBIR will fund the first two phases of the development program. The first phase is exploratory to evaluate the feasibility of the concept, which, if proven, qualifies the program for the second phase. In Phase II, considerably more funds are provided, and the program is expected to develop a proven product prototype, technique or process. In the third and final phase, the small business, using non-government funds, is expected to pursue commercial applications for the results of the project.

Rogerson is an electronics technician in the Engineering Section of the Ballistics Test Branch (Code 62114). He has a long association with and is recognized in the field of dynamic radiography—a technique used for determining internal component behavior and evaluation of materials inside operating rocket motors and similar test items.

Real-time x-radioscopy, or dynamic radiography, involves illumination of operating test items with high energy x-rays generated by a linear accelerator. The x-rays passing through the item are converted to light images on a screen (scintillator) and reflected via a mirror into the lens of a video camera. The camera/mirror

Please see next page

## Hot weather doesn't affect fishing results in Eastern Sierra area

Hot weather and some scattered thunderstorms aren't stopping the fish from biting, reads a report from the Bishop Chamber of Commerce.

Near Big Pine, the Owens River is releasing limits of rainbows on power bait, salmon eggs and baby night crawlers.

Anglers are catching limits at Lake Sabrina and South Lake near Bishop. Power bait and the fly and bubble combination are working the best. At Bishop Creek, rainbows are biting power bait and garden worms, and browns are being caught with flies.

The lake near Rock Creek is yielding browns and brookies to anglers using green and yellow power bait, worms and night crawlers.

Rainbows are being caught on night crawlers and green power bait at Convict Lake. One fisherman caught a 5 1/2 lb. rainbow on a fluorescent rapala. Due to recent stocking, great fishing is expected.

Trolling has been excellent at Crowley Lake. Trollers are going 2 1/2 to 4 colors deep. Fishermen are catching their limits using inflated night crawlers and various power bait.

Action at Mammoth Lakes is hot! Use baby crawlers, superduper and crocodiles.

Anglers are seeing plenty of action on the loop at June Lake. Fishing is best in the early mornings or late evenings. Use salmon eggs or night crawlers.

The Bridgeport reservoir is producing one to four pound rainbows. At Twin Lakes, anglers are catching limits of pan size fish by using bait and lures. Action at Virginia Lake is picking up; use bait and lures. Use dry flies on Green Lake. West Walker is calming down, but bait, lures and flies are still effective.

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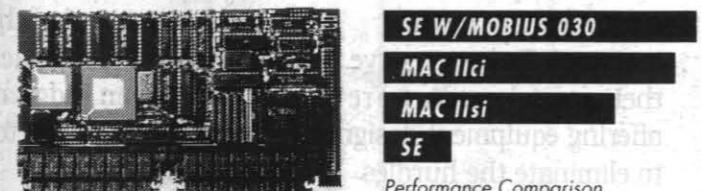
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setup places the camera at a right angle to the radiated energy to protect the camera from the x-rays. The setup is housed in a special enclosure to protect it from the operating test article.

In addition to dynamic inspection capabilities, Rogerson's system provides prompt response, capability for electronic data manipulation and image storage and retrieval. At the time he submitted his solicitation to SBIR, the weakest point in such x-ray flaw-detection systems was the x-ray-to-light converter, the initial primary element in the system. His solicitation was directed at improving this element.

They received two very good responses. After evaluation by a contracting officer, the proposal of Industrial Quality, Inc. was accepted.

Teaming with Lockheed Missiles and Space Company, Industrial Quality began working with Rogerson's group in Phase I to demonstrate they could develop a product that would make improvements in the areas the solicitation had specified. Attention was focused on replacing the polycrystalline phosphor screen scintillator

with a high-density glass scintillator. While glass scintillators existed with densities of about 3 grams per cubic centimeter ( $g/cm^3$ ), the new research would examine scintillators in the 3.5 to 4  $g/cm^3$  range.

Satisfied that the project was feasible, SBIR awarded a Phase II contract for a two-year, nearly \$500,000 effort. During that period several different variations of glass scintillator were developed, each with varying levels of improvement. Some versions had characteristics Rogerson didn't need but may have other applications.

**"Usually you gain in some areas at the expense of others...on this project we saw improvement in four of five areas."** —Jon Rogerson

Rogerson was very heavily involved in the effort. While most work was conducted at Lockheed's Mountain View facility, test and evaluation was done at China Lake, Lawrence Livermore National Laboratory and Concord Naval Weapons Station. The final product received by the government is a very heavy and optically clear piece of glass 12 inches square by nearly half an inch thick with a density of 3.8  $g/cm^3$ .

"The glass that was developed in this effort," said Rogerson, "met nearly all of our goals and, in fact, exceeded our expectations. We gained in all but one area. Usually you gain in some areas at the expense of others, but on this project we saw improvement in four out of five."

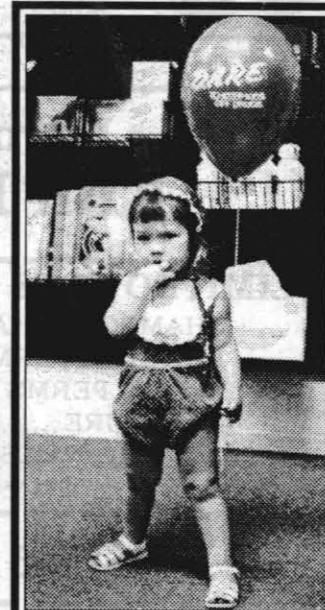
The glass, IQI-301, offers an 80 percent improvement in signal-to-noise ratio, a 250 percent improvement in emitted light brightness and 150 percent improvement in spatial resolution over the granular screen.

Please see **GLASS SCREEN**, Page 8

# Thanks A Bunch! for a Great Grand Opening!



Officer Ortiz of D.A.R.E. Draws the Winning Ticket for the Macintosh Drawing. The winning ticket belonged to Stacy Cox, just home after her graduation from college.



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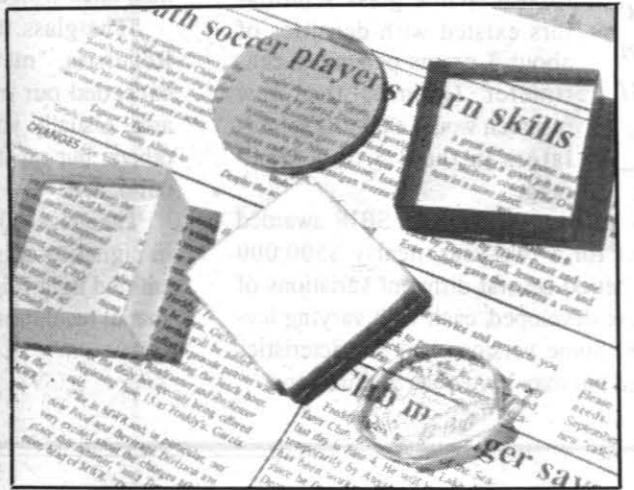
**GLASS SCREEN** from Page 7

The only area of compromise was in decay time—the time it takes to quench to 10 percent of its peak light output after radiation ceases. A scintillator with a slow decay time would have poor resolution in a dynamic application due to lingering ghost images that would tend to overlap and obscure the real time motion. The GOS polycrystalline screen has a decay time of half a millisecond (ms). Existing commercial glasses used for static radiographic imaging and some of the first formulations of the IQI glasses had a decay time of over 10 ms. This was not fast enough for dynamic imaging.

After many attempts, researchers found a quencher that, when made a part of the glass formula, reduced the decay time to 1.5 ms. As a bonus, addition of this quencher also improved contrast sensitivity over the GOS screen.

"We consider the relatively long decay time a small compromise for such a large gain," said Rogerson. "The glass is a major breakthrough for the realtime non-destructive test user where rapid motion is not a concern, since video rates are 30 frames per second."

Rogerson explained, however, for the dynamic testing he does, the glass is only used in certain circumstances. In addition to the faster decay time of the GOS screen, it is less expensive and there is some risk to the equipment during static firing tests.



**ITERATIONS**—Black-edged piece in upper right is final formulation, IQI-301, glass in optimum (half-inch) thickness. On far left is same formulation, three-quarters of an inch thick. Center, top to bottom: circular fiber plate version, mirrored fiber plate and one of hundreds of "early melts" for light output tests.

got an R & D program at no real cost and will see an improvement in our process; a small business got the opportunity to develop an innovative new technology and will share in the profits from sales of the product; and the public will ultimately benefit from improvements the glass will bring to various commercial processes and medical procedures."

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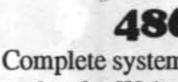
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### Reservations are still being accepted for June 16 ITEA meeting

Reservations can still be made for the June 16 luncheon meeting of the China Lake Chapter of the International Test and Evaluation Association at the Carrizo Inn at 11:30 a.m.

Work is currently under way by Dr. Hans Rohrig of the University of Arizona, a pioneer in medical imaging. He is investigating a fiberoptic version of the same glass chemistry.

Los Alamos National Laboratory has published a paper on the use of the glass in a fiberoptic faceplate for special applications, and Lawrence Livermore National Laboratory is using the glass for a special computer tomography (CT) application.

Rogerson says this development is a true success story for the SBIR Program. "This program provided the opportunity for everyone to win," he said. "We

got an R & D program at no real cost and will see an improvement in our process; a small business got the opportunity to develop an innovative new technology and will share in the profits from sales of the product; and the public will ultimately benefit from improvements the glass will bring to various commercial processes and medical procedures."

June 11, 1992

THE ROCKETEER

### CLINIC from Page 16

"The kids work hard and really have to concentrate. It's a good experience for them. They come out of the clinic into the fall soccer season with renewed self-confidence."

According to Piri, the clinic was started by a former Scorpions soccer coach, Carl Kauffman, 10 years ago and



**WORKING TOGETHER** — Matt Mechtenberg, Chad Shadlock, James Morrison and prospective soccer players prepare for the upcoming youth soccer clinic.

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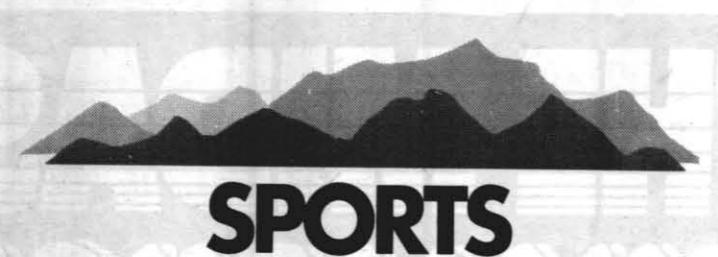
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## SPORTS

### Youth soccer clinic planned

*Registration is being taken on a first-come, first-served basis*

Schoeffel Field is the site of a youth soccer clinic sponsored by the Morale, Welfare & Recreation Department, June 15-19, from 5:30 to 7:30 each evening. Open to grades four through six, the clinic will help participants improve their skill levels, noted John Piri, the clinic coordinator. Coaches and members of the Scorpions Soccer Club will participate in the instruction.

The clinic is limited to 25 players and will be filled on a first-come, first-served basis, Piri said. Cost is \$25 per military dependent, \$27 per Department of Defense dependent and \$29 per all other dependents. At the clinic's conclusion, each player will receive a soccer ball, group picture, t-shirt and certificate of completion.

Participants may register at the Naval Air Weapons Station MWR Youth Cen-

ter. Registration is being taken through the MWR Youth Center up to the first day of the clinic or until the clinic is full.

"Our goal is to teach the youth how to train themselves and have a good time," Piri said.

At the start of the clinic, players will be tested for individual skill levels and be divided into groups based on that skill level. There will also be a dedicated goalie section, Piri said.

At the end of the clinic, participants will be reevaluated to see how they have improved. Awards will be given for the most improvement in different categories. The clinic ends with a soccer game, where players can put their new skills to work, Piri said.

"The clinic is intensive," said Deb Oliver, head of the MWR Youth Center.

Please see CLINIC, Page 17

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## MOWC sponsors run/walk to raise money for Garnett, Rodriguez family members

Members of the Military Officers Wives Club are sponsoring a 10K Run and 5K Run/Walk on June 20 to raise money for the surviving family members of Lt. David Garnett and AEAN Lorenzo Rodriguez, who died in the MU-2 crash at Edwards Air Force Base.

Events start at 8 a.m. in Solar Park. Registration is from 7 to 7:45 a.m.

Proceeds from the \$15 (per person) entry fees will be donated equally to the two families. Ribbons will be awarded to

the first through third place finishers. At the conclusion of the events, a drawing for a variety of prizes will be held.

For additional race information, call AC1 Thomas Cody, 939-5050; OS2 Ron Gray, 939-5276; or Monica Sullivan, 446-7124.

To pre-register, fill out the entry form and mail it, and the entry fee check, made out to MOWC, to MOWC, c/o Monica Sullivan, 1400 Ticonderoga Ave., Ridgecrest, CA 93555.

### Military Officers Wives Club 10K Run and 5K Run/Walk

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p.m.-6:00 p.m.

No appointment is required

June 10-11  
Open to All Students

**SUMMER CLASSES BEGIN**  
JUNE 15, 1992

**FALL 1992**  
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No appointment is required

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**FALL CLASSES BEGIN**  
AUGUST 17, 1992

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### Editor's Note

By Barry McDonald  
Editor

In circumstances such as this the editorial "we" would come in very handy. I could simply say, we had a bad week last week and we didn't catch several mistakes, but we weren't responsible for the final proofing—I was.

The following corrections are made with my sincere apologies and no excuses:

#### Page 1

Vice Admiral William C. Bowes, the "commander" who wants to answer your questions, is not the "NAWC" commander. He's the commander of the Naval Air Systems Command (NAVAIR)—the NAWC commander's boss. VAdm. Bowes will be answering those questions today at the EEO Awards Luncheon at 12:30 p.m. and at the all-hands briefing at the Station Theatre at 3 p.m.

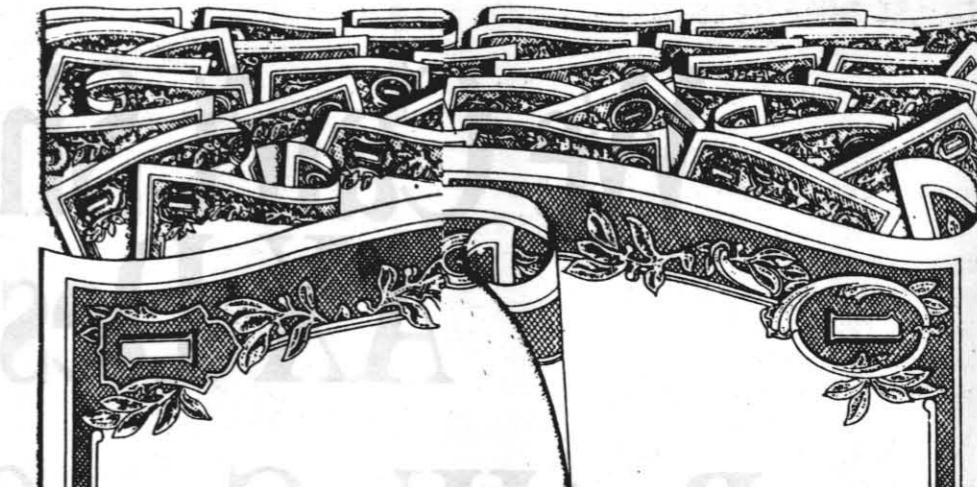
For general information (and because maybe if I write it down I'll remember it):

The Naval Air Warfare Center (NAWC) commander is Rear Admiral George M. Strohsahl.

The Naval Air Warfare Center Weapons Division (NAWCWPNS) commander is Rear Admiral William E. Newman.

Please see CORRECTIONS, Page 23

Corrections...  
Corrections...  
Corrections!



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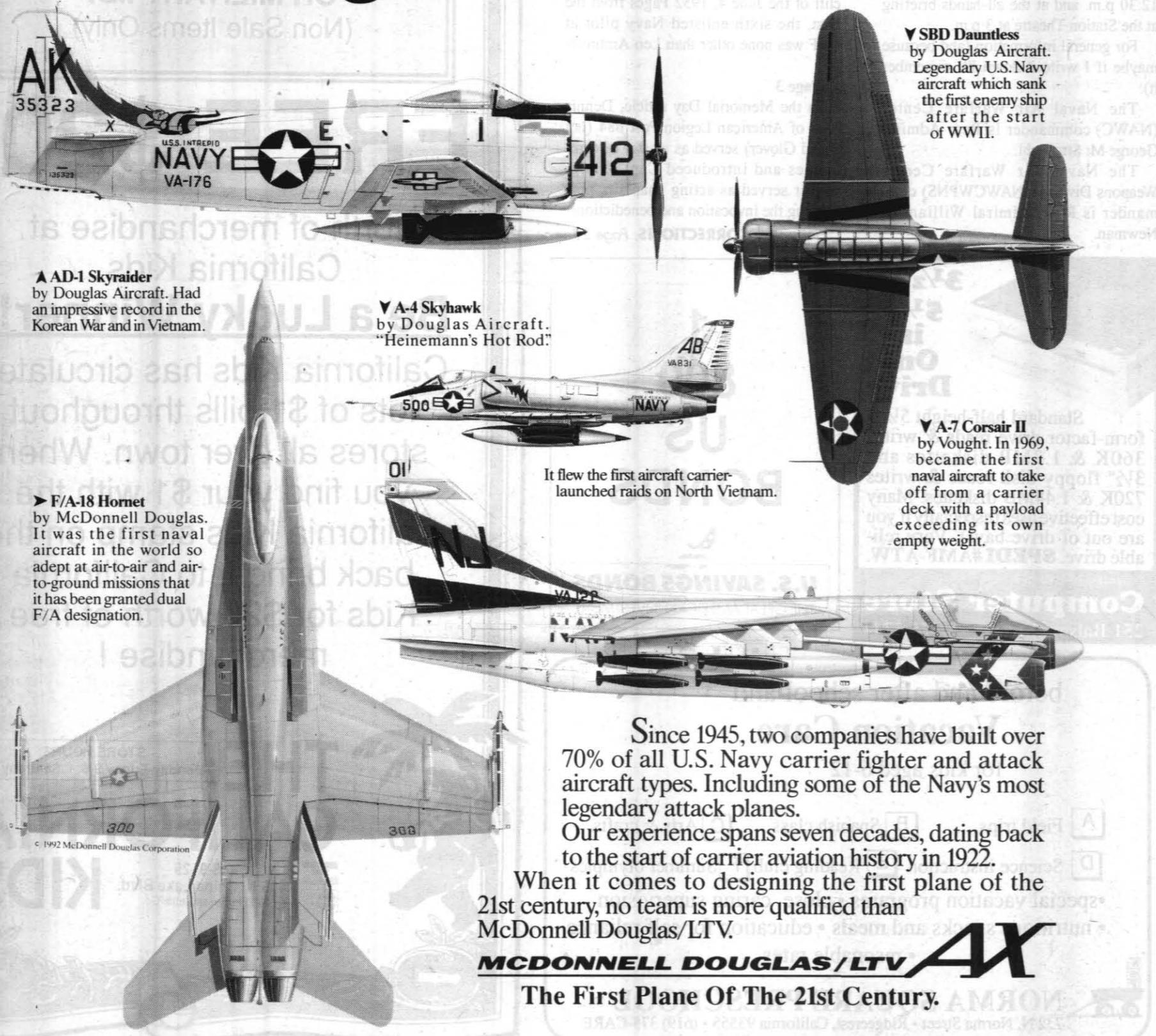


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When it comes to designing the first plane of the 21st century, no team is more qualified than McDonnell Douglas/LTV.

## SOCER from Page 14

### Division II Express 8, Cobras 0

In another shut-out, the Express out-raced the Cobras. Four goals by Travis McGill, three by Ryan Hennigan and one by Eric Olsen gave the Express an impressive lead. Ben Marvin and Joey Adams were instrumental in keeping the Cobras scoreless, despite hard work by Adrienne Manwell, Jacob Butterworth and Bill Gray.

### Flames 3, Stallions 0

Two goals by Matthew Bloudk and one by Michael Drake, along with effective moves by Rachel Woolley and Danny Gardner, allowed the Flames to burn the Stallions. Plays by Aaron Schwartz and Chris Veit showed the Stallions were hard to beat.

### Liverpool 4, Jets 0

According to the coach, the Jets, especially James Capazzi and Mark Schramm, played extremely well against an older and more experienced team. The winning team didn't turn in a score sheet.

### Division III Knights 2, Kickers 0

Erik Johnson's two goals and Rayleen Pearl's, Paul Daughtry's and Shannon Hill's defensive moves resulted in a win. Chani Christensen and Sandy Grace had

several shots at goal for the Kickers, but couldn't get passed the Knights' goalie.

Goalbusters 3, Drillers 1

A superb team effort and accurate shots at goal by Aaron Marshall and Jesse Lesniak, along with plays by Kelly Gartner and David Purcell, resulted in victory. The Drillers had strong support from Ryan Charlton and Chris Andrews. James Fujiwara shot in his team's only goal.

### Division IV Blue Devils 3, Red Devils 1

Efforts by Michelle Drake, Karamie Lovern and Steve Shultz weren't enough to offset the Blue Devils. John Scheiderer kicked in his team's only goal. The Blue Devils didn't turn in a score sheet.

### Liverpool 4, Jets 0

According to the coach, the Jets, especially James Capazzi and Mark Schramm, played extremely well against an older and more experienced team. The winning team didn't turn in a score sheet.

## Wood working class offered

Wood workers can take a Wood Shop class at the Naval Air Weapons Station China Lake Craftech Center every Tuesday evening. An open class, participants can bring projects of their own to work on. The class starts at 5:30 p.m.

To register in either the wood working or safety class, call 939-3252.

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\*Additional parts, services and labor are often needed at substantial extra cost.



## Comedy Night comes to NAWS China Lake on Friday, June 26

Comedy Night is once again coming to the Naval Air Weapons Station China Lake. Professional comedians from Los Angeles will appear at the China Lake Community Pool bandstand area on June 26. The laughs begin at 8 p.m., and cost is only \$7 per person.

A no-host bar will be available and after the show, a DJ will provide music for the guests' dancing or listening pleasure. This Morale, Welfare & Recreation event, which highlights adult humor, is open to any one over 18 years of age.

## Youth soccer teams give their best

With only one more weekend to play, members of the Naval Air Weapons Station Morale, Welfare & Recreation Department's Youth Soccer Program gave their best in last week's competition.

### Division I Owls 3, Tigers 0

Goals by Trevor Barney, Spencer Witt and Kirk Hennigan, along with fantastic plays from Brian Caldwell resulted

Please see SOCCER, Page 15

**IT'S FUN AND EXCITING!**

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## Freddy's Place extends its menu during Seafarer Club's closure

While the Seafarer Dining Room is closed for renovations (June 15-Sept. 13), Freddy's Place will extend its luncheon menu.

Enjoy an "all you can eat" pizza and salad bar, and beverage (ice tea, coffee or soda) for only \$5.25 per person. The salad bar will include lettuce, tomato, cucumber, carrots, bean sprouts, potato salad, macaroni salad, broccoli, cauliflower, grated cheese, a fresh fruit tray, plus a hot daily special. The June schedule for the specials are offered below:

### Hot daily specials

- June 15 — Chili Bar
- June 16 — Potato Bar
- June 17 — Steak Fingers with Cajun Potatoes
- June 18 — Taco Bar
- June 19 — Fried Shrimp
- June 22 — Hot Wings
- June 23 — Chili Bar
- June 24 — Spaghetti Bar
- June 25 — BBQ Beef
- June 26 — Fried Shrimp and Fish
- June 29 — Soup Bar
- June 30 — Potato Bar

## Craftech has discount Disneyland tickets

Military Days are being celebrated at Disneyland from June 1-30. Treat family and friends to worlds of fun, all at a magical price of only \$21 per person. Discount tickets, which include free parking, a \$5 value, are now available at China Lake's Craftech Center. Regular price is \$27.50, plus parking. These tickets will not be available at Disneyland's gates, but only through Morale, Welfare & Recreation ticket offices.

Starting June 19 at the Videopolis stage in Fantasyland, guests are invited to a live 25-minute stage show of the animated classic "Beauty and the Beast." Guests will also be able to enjoy the ever-popular "Main Street Electrical Parade," "Fantasy in the Sky," and the rest of Disneyland's more than 60 attractions.

June 11, 1992

June 11, 1992

THE ROCKETEER

## Ideas Column

By Melanie Truesdale  
IDEAS Office

## NASS conference a learning experience

Last week, I attended the 40th Annual Regional Conference of the Southern California Chapter of the National Association of Suggestion Systems (NASS). Whew! What a mouthful — but also what a learning experience. This organization is one of the leading sources for information on how private industry and government agencies are participating in suggestion programs and continuous improvement.

American Airlines was one of the presenters, and what a success story they have. In 1991, The "IdeAs In Action" campaign was created to provide their employees tangible evidence of what can be accomplished when they share the benefit of their collective brain power. The symbol of the power of their employees IdeAs would be the purchase of American Airlines 50th Boeing 757 — a \$50.3 million aircraft. In Jan-

## Government auction is set for June 16

Local Auction 41-2436 of surplus government property will be held Thursday, June 16, at 9 a.m. in Building 1073, Warehouse 41.

Items will be on display from 7:30 a.m. to 2:30 p.m. daily, except week-

Let your imagination go and do some "If only" dreaming. Send in your Ideas. Get something going for you and for NAWCPNS!

If you have questions, you can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, E-Mail at SCF:IDEAS or QuickMail addressed to IDEAS Code\_05.

No. 435, SPEEDI VAX Charges, Laura Exley, Code 25, suggests a revision to the programming of software to allow placing multiple orders with different JOS. VAX charges would be proportioned over all the orders placed during one access.

No. 436, Secretarial Training, Kristin Graves, Code 6443/C3312, suggests secretarial courses offered at the Training Center not start early Monday morning. Monday mornings are hectic with time-card responsibilities and urgent requirements for the week which prevent some secretaries from attending classes without a lot of responsibility shifting.

No. 437, Range Safety Gates, Suzi Sturdy, Code 642, suggests range safety gates be painted a bright color instead of dull yellow. In sunlight they are hard to

see and a potential spot for accidents.

No. 438, Signature on Bankcard Items, Terrie D. Owens, Code 6204, recommends the requirements for "non-buyer"signature for Bankcard purchases be abolished and the electronic signature of the AO on the Statement of Account (SOA) be considered a valid countersignature for such purposes.

No. 439, Tax Exempt Form, Stuart Iskowitz, Code 6443, would like travel to supply a tax exempt certificate with travel orders.

No. 440, Accrual of Bankcard Purchases, Terrie D. Owens, Code 6204, suggests software be modified to accrue automatically items which are received but not included on that month's SOA.

No. 441, Travel Advances, Terrie D. Owens and Lisa Albert, Code 6204, would like travel orders and travel advances to be processed even if a signing official is not available. Tickets would not be released until the correct signatures were obtained.

No. 442, Distribution Reduction of Rocketeer, Cynthia Langham, Code 641 suggests the distribution of The Rocketeer be limited.

fied, purchases have until June 23 to pay for and remove the items.

Because the auction is located within the Naval Air Weapons Station's interior security fence line, prospective bidders without a NAWS pass must stop at the main gate Visitor's Center to get one.

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SUNDAY JUNE 21, 9 AM - 3 PM  
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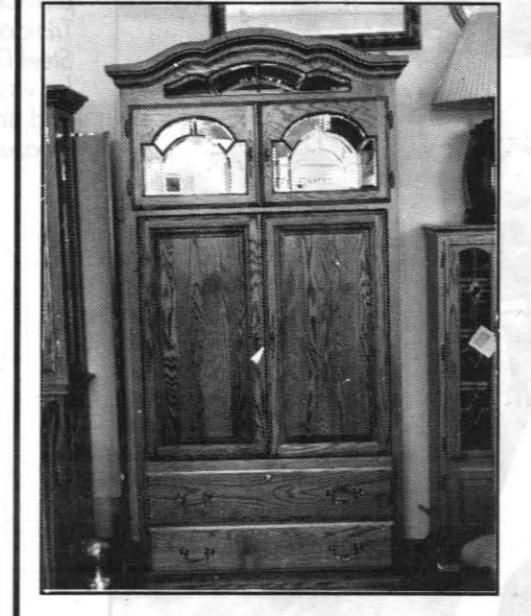
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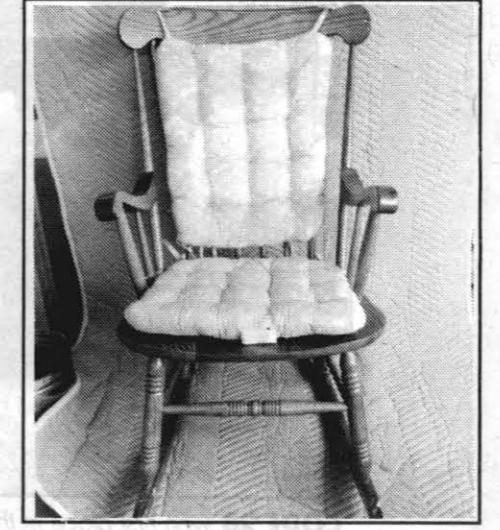
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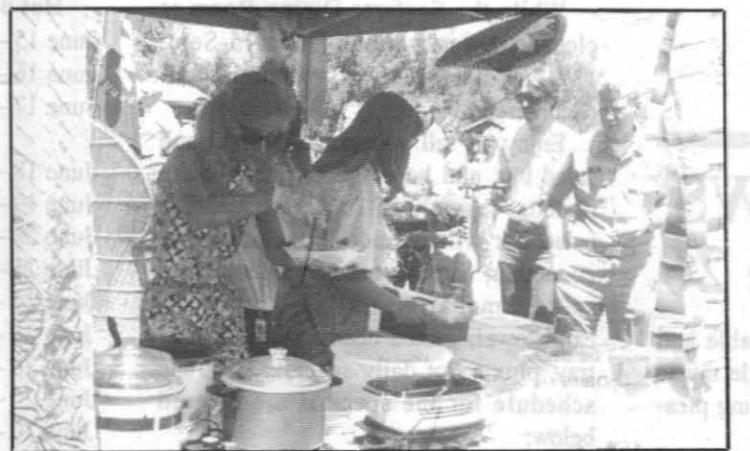
## Food, entertainment, displays and costumes highlight American Heritage Week Food Booth activities



**CHINA LAKERS** took advantage of the variety of ethnic foods and entertainment offered during the day.



**GOOD FOOD** was a highlight of American Heritage Week's food booth day. Ice cream was best dessert for warm summer day.



# *Code 28 wins first place in booth competition*

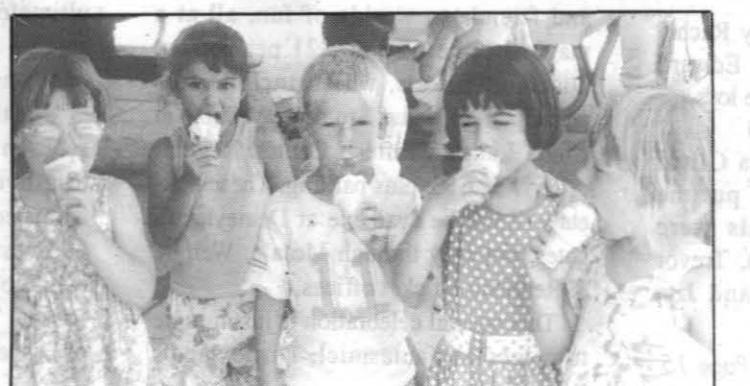
Naval Air Weapons Station China Lake's Office of Comptroller, Code 28, took first place in the American Heritage Food Booth competition. The Morale, Welfare & Recreation Department won second place, while the American Asian Society took third place.

China Lakers taking part in the Food Booth activities were able to try a variety of ethnic dishes, including pansit, meat sticks, fried chicken, BBQ tri-tips, frito pie, tacos, pizza, lumpia, fried rice, noodles, sweet and sour chicken on rice and oriental salad.

While eating, participants were able to listen to the music of Trinidad Calypso Steel Drum Band. Many, young and old alike, let the music take over and took to the empty space in front of the stage to dance.

American Heritage activities continue today with the EEO Awards Luncheon at the Seafarer Club from 12:30 to 2 p.m. VAdm. William C. Bowes, commander, Naval Air Systems Command, will be the guest speaker.

Following the luncheon, VAdm. Bowes will hold an all-hands briefing at the Station Theatre from 3 to 4 p.m. During the briefing, he will answer as many questions as possible from the audience.



**PROUD** of their heritage, members of the American Asian Society display a number of items depicting their background.



**CODE 28** won first place in the food booth competition.



**UNCLE SAM**, from the American Asian Society wanted everyone to come to the American Heritage Week Food Booth celebration to have a good time and to enjoy a variety of food.

**MUSIC** was provided by the Trinidad Calypso Steel Drum Band for visitors' listening and dancing pleasure.

**Photos by  
Peggy Sha  
and staff**

# PERSONNEL NEWS

## PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

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

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

## NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

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

## MERIT PROMOTION

**No. 36-010 Supervisory Inter-disciplinary General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist, DP-801/830/850/855/861/1310/1515/1520/1550-3/4, Code 36251** - This position is that of Head, Strike Warfare Analysis Section in the Missile Guidance Branch, Systems Engineering Division, Engineering Department. The section conducts analysis of strike and anti-surface weapons performance requirements. The incumbent will be responsible for the management, supervision, administration and leadership of the section and for significant technical duties. Extensive travel is required. **Job Relevant Criteria:** Knowledge of strike and anti-surface warfare weapons, delivery systems, operations and testing; Knowledge of strike analysis methods; Knowledge of missile guidance; Ability to plan, organize, coordinate and manage a technical program; Knowledge of affirmative action principles, including a willingness to implement EEO practices; ability to communicate in writing. Incumbent must be able to obtain and

maintain a Top Secret Clearance. The individual selected for this position will be subject to urinalysis testing for the use of illegal drugs. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. The selectee may be required to serve a 1-year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. This ad closes 26 June 1992.

**No. 62-015, Supervisory Inter-disciplinary (General/Mechanical/Electrical/Electronics/Aerospace/Physicist), DP-801/830/855/861/1310-3, Code 62342** - This position is section head of the E/O Engineering Support Section in the Engineering Support Branch, Instrumentation Division, Range Department, NAWCPNS, China Lake. The incumbent to the Head, Engineering Support Branch, Code 6234. The E/O Engineering Support Section is responsible for the engineering design, development, acquisition, validation, documentation, and deployment of electro-optical Time Space Position Information and engineering sequential data instrumentation systems. The E/O Engineering Support Section also provides sustaining workload and maintaining supervisor's calendar; requires knowledge of current

## SECRETARIAL COLUMN

**No. 62-014, Secretary (Typing), DG-318-2/3, Code 621** - The incumbent will provide secretarial and administrative support to Head, Ordnance Test and Evaluation Division, Range Department, NAWCPNS, China Lake. Duties include prioritizing workload and maintaining supervisor's calendar; requires knowledge of current

procedures relevant to correspondence, personnel, travel, and training. Required to provide training to branch secretarial personnel. Knowledge of a Macintosh II computer is desirable, but not required. Full promotion potential is DG-3.

**No. 39-014, Security Clerk (Typing), DG-086-1/2, Code 39B14** - This position is located in the Technology Office, Code 39B14 of the Intercept Weapons Department. The incumbent will be responsible for assisting in the day to day operations of the office in a variety of areas, such as record management, security management, and administrative support. **Job Relevant Criteria:** Knowledge of NAWC Security policies and procedures. Ability to communicate orally and in writing. Ability to deal effectively with all levels of personnel. Incumbent must be able to obtain and maintain a Top Secret clearance based on a special security background investigation. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. Promotion potential is to a DG-3.

## 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 grade, 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.



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

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



## NEW FAX NUMBER FOR ANNOUNCEMENTS

Do you have an announcement you want published in the NAWCWPNS/NAWS, China Lake, Announcements? The easiest way to submit it is to FAX IT!

Our new FAX number is 939-0945. The FAX is located right where your ads are assembled for each weekly edition of the Announcements. The weekly deadline for submission, Monday at 1500, remains the same. When you send a FAX submission, please make sure to include the name of your point of contact with a telephone number and sponsoring code. (Code 3415)

## SAFETY EYEWEAR APPOINTMENT CHANGES

Effective immediately, all personnel needing to make appointments to obtain an eye examination and/or prescription safety glasses should contact the Branch Medical Clinic directly. The Safety Office will no longer be scheduling these eye examination appointments or issuing any prescription safety eyewear. For more information on prescription safety eyewear, or to make any necessary exam appointments, call the Eye Clinic at 939-8009. (Code 2405)

The significance of Dave's accomplishment," commented Jane Grant, head of the Data Systems and Manpower Analysis Group, "is that it shows how users can program the Mac to help themselves get their jobs done."

Ms. Grant herself will also be on the agenda for Tuesday's meeting to discuss an ongoing conversion of the entire Human Resources Department to System 7. Her discussion will be designed to share "lessons learned" on System 7 benefits and pitfalls.

Another brief presentation will be given by Steve Bouthillier of the PC Lab, who will discuss the VIRT (Virus Incidence Response Team). Richard Schlein, Senior Systems Engineer, Apple Computer, Inc., will also be on hand to hear user messages to Apple.

Time will also be allowed for questions and comments from Mac users. (Code 3406)

## NEW AT THE LIBRARY

Progress has been made! The Technical Library now has Macintosh disks of "Best Practices—How to Avoid Surprises in the World's Most Complicated Technical Process," a manual developed by the Department of the Navy. "Best Practices" is a compacted hypercard stack that works in the Macintosh environment. The manual is an aid to the engineer concerned with the design, test, and production of weapons systems.

Main topics covered in the manual are funding, design, test, production, transition planning, facilities, logistics, and management. Under each main topic are subtopics that show the critical path template. Each subtopic also has a corresponding section that compares the benefits of best practices to the consequences of the currently used approach.

To claim a disk as your very own contact the Technical Library Reference Desk, 939-3380. (Code 3431)

## MAMMOGRAPHY SCREENING

The Wellness Program (Code 2243) will sponsor a mammography screening for NAWC/NAWS employees and their spouses. Valley Technological Services (VTS) will have their mobile mammography unit at the Michelson Lab parking area on 15, 16, & 29 July. The cost of the x-ray exam is \$60. Participants must be 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. Please call (800) 458-3385 to schedule an appointment. (Code 2243)

The Wellness Program, Code 2243, will begin planning for the 1992 China Lake Challenge, which will be Saturday, 31 October. The Challenge promotes physical activity for people of all ages and ability levels and is open to employees of NAWC/NAWS and their families, as well as contracting companies. To make this event happen, we need an energetic, enthusiastic group of people to help with the planning. If you are interested, please come to a meeting in the Training Center on 23 June at 12:30 pm. If you have any questions, contact Betty Miller at 939-2468/0880.

## CHINA LAKE CHALLENGE PLANNING MEETING

Innovative ways people here at China Lake are using the Macintosh computer to help them do their jobs better and more efficiently will be featured at a meeting of the NAWC Macintosh Users Group to be held at 10 a.m., Tuesday, 16 June, in the Michelson Lab Management Center. All government and contractor employees who work on the Mac are invited.

Dave Breitigan, Data Systems and Manpower Analysis Group, Human Resources Department, will demonstrate SNAPI (Simplified NCPDS Automated Personnel Interface), a Mac "front end" he created that has minimized frustration and greatly improved morale for NAWC personnel who must work with the Navy's centralized automated personnel system in Oak Ridge, Tennessee.

Acute emergency situations will, of course, be seen immediately without paperwork.

OPNAV 5100.9 is the Dispensary Permit and is available at Telmar. (Code 2323)

Information Resources Acquisition Management Branch (Code 2741) is researching the need for a Centerwide contract for preventive, remedial, and emergency maintenance on government-owned shredders. A Centerwide consolidated contract will result in a shorter response time, less administrative paperwork, and a negotiated cost.

It will not be a mandatory contract, but it will be an available resource. If you are interested, please call or send a

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

Macintosh emulator for the Amiga. The long-awaited upgrade, both hardware and software versions, is finally available. Contact Gene Schneider, 939-9755, GSSF:SCHNEIDER. (Code 3193)

DESTRUCTION NOTICE ON TECHNICAL REPORTS

Effective immediately, the placement of the destruction notice will be moved from the inside front cover to the bottom of the outside front cover for all limited distribution technical publications (TPs) and technical memorandums (TMs) that are unclassified or confidential. For unclassified, limited distribution reports, the notice will be the last item of text that appears on the cover. For confidential reports, the notice will appear just above the confidential marking. On secret reports, the notice will continue to appear on the inside front cover beneath the publisher's statement. If you have any questions regarding use of the destruction notice, please call the Publications Program Office, 939-3668. (Code 3410)

Time will also be allowed for questions and comments from Mac users. (Code 3406)

Another brief presentation will be given by Steve Bouthillier of the PC Lab, who will discuss the VIRT (Virus Incidence Response Team). Richard Schlein, Senior Systems Engineer, Apple Computer, Inc., will also be on hand to hear user messages to Apple.

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note with the following information: brand and model number, serial number, code, contact and phone number, location, and bar code number. If you have any questions, contact Annabelle Lipinski at 939-3427. (Code 2741)

#### CODE 32 PICNIC

Code 32 is having a picnic at McBride Park on 13 June from 1600-2000. Tickets are \$3.00 for adults (12 and up), \$1.00 for children 5-11, and under 5 free. All tickets will be presale only. Tickets will not be sold at the door. Cut-off date is 5 June. Names with A-M bring salads and N-Z bring desserts. (Code 3273)

#### INTELLIGENCE BRIEFING

The periodic general intelligence briefing will be held on Monday, 15 June at 1000 in the Mich Lab auditorium (Room 1000D). The topic of discussion will be the CIS (former Soviet Union) navy. The briefing will be NO CONTRACT and will last about 1 hour. Questions about the briefing may be directed to Wayne Melton at 939-1505. (Code 3012)

**TAGUCHI-BASED OPTIMIZATION**  
PROBLEM: Your circuit has 13 components for which you need to specify nominal values. You decide to test three values for each component, resulting in 1.59 million possible test configurations. How are you going to do this?

ANSWER: Using Taguchi Design Methodology, you test or simulate only 27 combinations to find the best values! Code 3293 has successfully used

this methodology to dramatically improve the performance of analog circuits. If we can assist you in using the Taguchi method to optimize your design or experimental series, please contact Gabriel Soto at 939-7775. (Code 3293)

#### CHINA LAKE NAVAL AIR WARFARE CENTER COMPUTER EXPO '92

The "China Lake Naval Air Warfare Center Computer Expo" will be held on Tuesday, June 16. This 1-day showing of advanced office automation will take place at the Seafarer Club from 1000 to 1400.

Over 25 different exhibitors will be on hand displaying the latest technologies in CAD/CAE, graphics systems, desktop publishing, software/hardware security, CASE tools, communications, and much more.

All personnel are invited to attend and there are no registration or fees involved. Refreshments will be served. For more information call (714) 454-9864. (Code 3115)

#### CPR SAVES LIVES!

Have you ever thought about learning the lifesaving skills of Cardiopulmonary Resuscitation (CPR) and First Aid? Are you currently certified in CPR and/or First Aid but your certification is about to expire? If either are true for you, plan on participating in our summer CPR program.

In an effort to train a number of people over a relatively short period of time, the Naval Air Weapons Station (NAWS) Safety Office (Code 2405/C8402) in conjunction with Cerro Coso Community College and the

American Red Cross will be presenting CPR and Standard First Aid classes from 9 June through 13 August. Classes will be running Monday through Thursday between the dates listed above. CPR classes are 4 hours in duration while Standard First Aid classes are 8 hours. There is no cost involved in participating in the classes and they are open to the community.

For more information, or to sign-up for the classes, simply call the Safety Office at 939-2315. Class size is limited so sign up early.

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. Sign up for classes today. (Code 2405/C8402)

#### RETIREMENTS

##### KEN LaBAW

A retirement dinner will be given for Ken LaBaw who will be leaving after 32 years of service at China Lake. There will be a buffet dinner (\$12.50) at Farris' at the Heritage on Thursday, 11 June at 1800. Tickets will be sold by Dee Harrell, Code 315A, at 939-3583; G. B. Valdivia, Code 315, 939-0012; or Rebecca Von Elm at 939-2979 (Lauritsen Laboratory). They will also accept gift donations and serve as contacts for presentations. The deadline for reservations is 9 June. (Code 315A)

##### MELVIN J. McCUBBIN

Mel McCubbin will be retiring from NAVCWPNS after 33 years of federal service. A retirement dinner will be held in his honor on Thursday, 25 June, at the Carriage Inn. Social hour will begin at 1830, dinner at 1930, and presentations will follow. Dinner will be served in the Banquet Room and will include roast round of beef, baked potato, vegetable, salad, rolls, and coffee, tea, or milk for \$12.50 per person (including gratuity). Tickets must be purchased by 22 June. For reservations, presentations, or gift donations, contact Diane Richardson at 939-7325, and Terry Robbs or Kat Nagels at 939-7334. (Code 326)

##### EVELYN BOVES

Evelyn Boves is retiring after 15 years of federal service. There will be a luncheon held at 1130 on Wednesday, 24 June at John's Pizza to celebrate her retirement. If any of her friends from prior codes would like to attend, please do. If anyone wishes to give a gift or make a presentation, contact either Wanda Ott, 927-1364 or Randy Morris 927-1351. All reservations for the luncheon should be made no later than 17 June by calling either of the above phone numbers. (Code 6421/C3921)

#### LEAVE DONORS NEEDED

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

##### Deborah A. Birch, Secretary, Code 642A

Deborah A. Birch received treatment for breast cancer and is indebted for leave.

##### Adriana Ledford, Secretary, Code 2853

Adriana Ledford is in need of leave due to complications of pregnancy.

##### David Conant, Code 3951

David Conant had surgery and is in need of leave.

##### Alvina S. Quintanilla, Contract Specialist, Code 254

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

The NAVCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building. Items may be sent to Code 3415(C9425), or by FAX to 939-0945, Code 3415(C9425), ATTN: Ralph Kulas (contractor), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).



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

#### Consultant

Scope: This presentation will cover the use of computers in relationship to carpal tunnel syndrome (CTS). The main areas of discussion will be:

- the anatomy of the hand
- the etiology and symptoms of CTS
- the relation of CTS to computer use
- treatment of CTS once it is diagnosed
- prevention awareness

This class falls in the category of safety awareness.

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

#### TEAM PERFORMANCE AND CUSTOMER FOCUS (16 hrs.)

30 June-1 July; Tuesday-Wednesday, 0800-1600; Training Center. By John Nienstedt.

Scope: In this age of right sizing, competitive bidding, and budget tightening, surviving and excelling requires much more than trading work for wages. Increasing team performance, empowering employees, and delivering quality customer service are essential. The curriculum of this 2-day workshop includes activities aimed at:

- understanding the effects of our unique behavior styles,
- learning the power of personal values,
- managing priorities to focus effort, and
- "dis-stressing" to raise productivity.

Enjoyable and productive, this program is part lecture, part team exercises, and all audience participation.

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

#### INTRODUCTION TO SUPERVISION (40 hrs.)

22-26 June; Monday-Friday, 0800-1600; Training Center. By Donna Eller Jones.

Intended Audience: Supervisory personnel only.

This course is required for first-level supervisors needing training in basic supervisory ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, will provide fundamental grounding in practical modern concepts of supervision.

Topics include:

- Verbal communication processes and models
- Nonverbal versus verbal communication

Intended Audience: Supervisory personnel only.

This course will familiarize SETs with DOD information, personnel, computer, operations and computer security programs. The class will include procedures and requirements for distribution statements, public disclosure, and classified meetings.

Deadline: 13 July

To enroll call Pat at 939-3159.

Deadline: 13 July

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

#### A NUTS & BOLTS ENGINEERS APPROACH TO REPORT WRITING (4 hrs.)

16 July; Thursday, 0730-1130; Training Center. By: Lois Reed, Code 3517.

The objective of this course is to provide a working-level guide and plan for writing a technical report at NAWC. This is not an English class. Items covered include the importance of technical report writing, sections of a report, material included in each section, and the importance and role of outlines. A basic plan of action and starter outlines are offered that should allow any inexperienced writer to start a report, follow the guidelines, get expert advice at the appropriate time, and produce a very respectable first product. To enroll please call Pat at 939-3159.

#### SECURITY FOR CLERICAL/ADMINISTRATIVE WORKFORCE (7 hrs.)

14 July; Tuesday, 0800-1600; Training Center. By Code 24301.

This course covers: badging and area access procedures; procedures for new employee security clearance; how to arrange for visitors, both foreign and domestic; how to mark and safeguard classified documents; transmission of classified documents; destruction of classified documents; courier card, letters, and memos; and how to get keys made and locks/combinations changed.

Presentation Method: classroom lecture and practical exercises.

Deadline: 29 June.

#### FILES IMPROVEMENT AND RECORDS DISPOSITION (7 hrs.)

15-16 July; Wednesday-Thursday, 0800-1130, Training Center. By: Pam Rivera, Code 3441.

This class is designed to help record keepers understand and apply basic rules related to filing. Topics covered are standard filing procedures; eliminating needless filing; cross-referencing; indexing; and using filing aids such as color codes, labels, file guides, and recommended file folders. Use of the Navy Standard Subject Identification Code

and the use of microfilming, identification of record material, disposal of records, and use of the Federal Records Centers for storage will be discussed.

Deadline: 29 June.

#### EQUIPMENT CUSTODIAN (3 hrs.)

23 July; Thursday, 1300-1600; Training Center. By: Debra Schlick Code 275.

This course is designed to familiarize Equipment Custodians with Accountability For Plant and Minor Property. It will also provide assistance and guidance in the use of Equipment Management forms. It will help Equipment Custodians to understand their duties and responsibilities regarding equipment and accountable assets.

Management responsibilities from equipment acquisitions through useful life and ending with proper disposition will be covered in this course. Also, a way of accessing CERMS through ACC2 network will be explained and a guide handed out.

Enrollments are on a call-in basis. Please call Pat at 939-3159.

#### SECURITY FOR SCIENTISTS, ENGINEERS AND TECHNICIANS (12 hrs.)

28-30 July; Tuesday-Thursday, 0800-1130, Training Center. By: Code 243.

Intended audience: Scientists, engineers, and technicians(SETs) whose duties involve access to classified information or unclassified technical information.

Presentation Method: classroom lecture and practical exercises.

Deadline: 29 June.

#### TRAINER TECHNIQUES (21 hrs.)

28-30 July; Tuesday-Thursday, 0800-1600; Training Center. By: Mim Cartwright and Mary Ann Gallagher.

This 3-day course is for teachers, trainers, or facilitators who would like to

become more effective in leading classes, workshops, or conferences. The emphasis is on skills that encourage the full involvement of students in learning situations. The course covers presentation, coordination, and facilitation skills. It also explores ways of setting and maintaining a good learning climate, the importance of visual aides, and the use of activities such as warm-ups. On the second day, each participant develops a 20-minute "lesson."

Deadline: 13 July

#### INTERPERSONAL COMMUNICATIONS (16 hrs.)

28 July-6 August; Tuesdays & Thursdays, 0730-1200; Cerro Coso. By: Paulette Solberg.

Recent studies indicate that when one communicates with another, 7% of the communication is verbal (words), 38% is vocal (tone of voice, inflection of voice), and 55 % is nonverbal. Communicating, a primary function of every individual, entails getting information to those who need it and listening to what others are saying. This course provides participants with an opportunity to sharpen these skills.

Topics include:

- Verbal communication processes and models
- Nonverbal versus verbal communication
- Effective listening techniques
- Positive reinforcement versus punishment
- Conflict resolution strategies
- Solving communication problems

To enroll call Pat at 939-3159.

Deadline: 13 July

#### TMC FINAL EXAM (4 hrs.)

29 July; Thursday, 0730-1130; Training Center.

TMC Program employees who are completing the curriculum.

Please call Dorothy, 939-2359, to sign up.

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

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