

Someday I hope to be seen on the Big Screen!

NEW! 21" Magnitron Display \$2499

This Amazing new technology is based on the Trinitron technology of Sony. Mitsubishi's new MagnaTron does an amazing 1600 by 1200 resolution and provides an additional 10 square inches more than Sony'S 20" trinitron of viewable screen area for your desktop!



Make Your Own CD ROMs! \$2499

It is TRUE! This is not Optical Media. This is true CD ROM technology.

It is TRUE! This is not Optical Media. This is true CD ROM technology.

This means you can put approximately 650 Mb of data (images, text, whatever) on a CD and use the disk in a regular CD ROM player. Compare this technology at \$5000 elsewhere!



Powerbook 180c 4/80!

\$2499

This is the last of them! No other models have this model's
Active Matrix Color and the Math Co-Processor power of the PowerBook 180c.
We've managed to get only two of these and they'll be gone fast.
Don't wait. Call in your order today! These units are in stock!



Mac Ilsi 4/80 Complete System \$999

This is a final closeout special! Includes New Mac Ilsi, 4Mb RAM, 80Mb Hard Drive, Apple Color Plus Display, Apple Extended Keyboard II, Mouse, and One Year Warranty!

Authorized Service Genter

OFFECULU

InfoSystems
Consulta Conta

VISA/MasterCard/Discover

# THE ROCKETEER

THURSDAY, JUNE 30, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 13

# Fire Division sends crash crew to aid White Fire effort

Armitage Field serves as drop point for incoming firefighters

By Mike Vradenburg

rash rescue firefighters from the Naval Air Weapons Station China Lake spent many hours listening to radio communications between ground control and the pilots, and watched carefully as the helicopters dropped water and transported troops last week at the fire in the Kern River Valley, known as the White Fire.

The China Lake crew were on hand at the Onyx heliport in case one of the numerous helicopters or airplanes fighting the fire crashed. The fire trucks, normally located at Armitage Field, are specially designed with four wheel drive and a high wheel base clearance to go into rough terrain and hot, hazardous conditions. The crash rescue vehicles carry water, foam and Halon 1211 extinguishing agents, items needed in case of a helicopter or airplane crash.

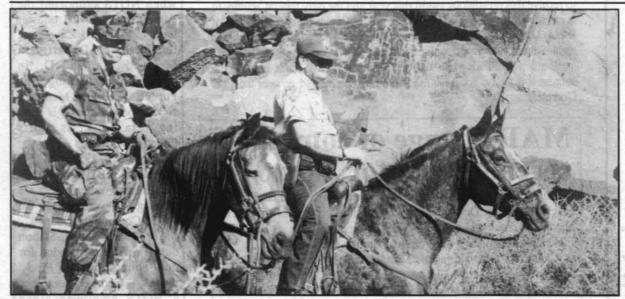
China Lake firefighters go through months of classroom training and hands-on hot drills to make them proficient driving those vehicles and performing this specialized form of firefighting.

This is the second wildland fire China Lake firefighters have provided support for this season.

NAWS management also provided support for the Please see FIRE, Page 15



**WATCHFUL EYES** are kept on arriving and departing helicopters at White Fire staging area by Mike Vradenburg (left) and Larry Allen, who were part of a NAWS China Lake Fire Division crew standing by to assist in the event one of the choppers crashed.



ROCK COPS—AD1 Chris Cook and CLPD Sgt. John Griffiths regularly patrol the Petroglyph Canyons

Renne honors bestowed upon Tim Mahoney

Injection loader effort leads to presentation of prestigious award Wunderlich's tech transfer efforts earn skipper's nod

Former head of transfer office says the work was its own reward Saturn ad Employee's hand

Employee's handicapretrofitted car is subject of magazine marketing

**June Rooks** 

featured in

# CL horse patrol provides age-old answer to modern security problem

By Terry Trahey

Lake, Calif., have an age-old solution to the problem of patrolling areas that are impassable to even four-wheel-drive vehicles. They have a modern day horse patrol. This horse patrol is responsible for patrolling vast stretches of the Station perimeter and remote ranges.

The China Lake horse patrol dates back to 1944, when the Naval Ordnance Test Station (NOTS) China Lake was being established.

The remoteness of China Lake caused its first commanding officer, Capt Sherman E. Burroughs, Jr., to be concerned for the morale of his men. He was always on the lookout for an opportunity to augment the limited recreational resources.

Please see HORSE PATROL, Page 18

# Weather

			501	
	High	June 1	Gusts	Humidity
Wed	99	70	33	23-11%
Thurs	98	56	26	25-11%
Fri -	103	63	24	- 1
Sat	100	61	21	Dir Do
Sun	104	61	14	-
Mon	106	66	20	30-11%
Tues	107	67	18	31-11%
		June 2	2-28	
Wed	109	66	20	25-11%
Thurs	112	66	19	18-11%
Fri	113	67	20	25-11%
Sat	107	71	21	-
Sun	114	68	26	-
Mon	115	-74	19	19-12%
Tues	117	74	21	29-11%

#### China Lake Calendar

Thursday, June 30

•The new Teen Center opens with a dance, 6-10 p.m. Wednesday, July 6

 Marine Aviation Detachment change of command, 9 a.m., Schoeffel Field.

Friday, July 8

• Dr. Orlando Madrigal of Cal-State University, Chico, will be at China Lake. Call 939-2648 for appointments

 Mammography screening unit will be at the Administration Building. Call (800) 458-3385 for an

Friday, July 22

 Mammography screening unit will be at the Administration Building. Call (800) 458-3385 for an

# THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAdm. Dana B. McKinney VICE COMMANDER Capt. Roger K. Hull

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

DEPUTY COMMANDER FOR TEST AND EVALUATION

NAVAL AIR WEAPONS STATION CHINA LAKE COMMANDING OFFICER

Capt. Charles A. Stevenson

Public Affairs Officer CATHY PARTUSCH

BARRY MCDONALD

PEGGY SHOAF

KATHI RAMONT

when the High Desert Newspapers, Inc., 224 East Ridgecrest Blvd., Ridgecrest, CA 93555, (619) 375-4481 commercial enterprise (CE) newspaper is an authorized publication. Contents of THE ROCKETEER not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense of Department of Defense of the Content of the Rocket R

are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc.

The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Air Weapons Station, China Lake. Correspondence and material for publication should be addressed to: Editor, THE ROCKETEER, Code C08033, Naval Air Weapons Station. Phone: 939-3354. FAX: 939-2796

Deadline for receiving stories and photos is 4 p.m., Wednesday the week before publication. Published by High Desert Newspapers, Inc., a private firm in no way connected with the DoD or U.S. Navy, under exclusive written contract with the Naval Air Weapons Station, China Lake. This commercial enterprise newspaper is an authorized publication for members of the military services. Contents of The Rocketeer are not necessarily the official views of, or endorsed by the U.S. Government, the Department of Defense, or NAWS, China Lake. The appearance of advertising in this publication, including inserts and supplements, does not constitute endorsement by the Department of Defense or of the products or services advertised. Berything advertised in this publication shall be made available for purchase, use, or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation, or any other non-merit factor of the purchaser, users, or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising.







By RAdm. George H. Strohsahl

#### NAWC commander says good-bye

This is my final opportunity to address NAWC employees. The plan is that I will be relieved as COMNAWC by RAdm. Bill Newman on July 8 in a ceremony at the Washington Navy Yard. This also marks my completion of 35 years of commissioned service in the Navy and retirement from active duty.

Over these years in uniform I have seen many changes occur in our Navy, most for the good, but an occasional mistake has been made as well. I have seen defense buildups and drawdowns, times of general peace and times of war. Throughout it all there have been some stabilizing elements counterbalancing the tendency in Washington to make wild swings in one direction or another as the political, social and economic tides sweep through.

The consistent element that has provided the foundation for a continued strong Navy in the face of short term change is the steadfastness and dedication of our people, both in and out of uniform. Our Sailors and Marines, at sea and in the air around the globe, are using the tools they are given to get the job done, despite the hardships, the separations and the periodic political disfavor. Likewise, on the home front, the civilian and military employees of our technical activities, striving to provide quality weapons, ships and aircraft that give the deployed forces the fighting edge, form a strong stabilizing influence in the system.

Today we face new challenges and the prospects of yet more change. BRAC-95 planning is underway, as is the reengineering of NAVAIR. The budget is said to be in freefall descent, and the future existence of the NAWC command may be in doubt. Though all these trials and tribulations are ahead, I just want each of you to know that I expect your future contributions to be as great and as important as your past ones.

Your technical expertise and ability to deliver quality products to customers will continue to be a dominant factor in the strength on this great Navy. No matter what the future organizational structure becomes, the work of the Navy will continue to get done by hard working, honest people such as yourselves.

The president himself has recognized the excellence of the work accomplished by the Naval Aviation Systems Team through his award of the Presidential Quality Award for 1994. We are the only federal activity to receive this prestigious award this year and the only federal activity to ever receive it twice. The NAWC is nothing more than a collection of about 22,000 dedicated and talented people trying to get the job done right. So it is your award, well earned and well deserved.

Thank you all for your support. You, not I, have made NAWC the success it is today. You have made me most proud as I go over the side.

# MAD change of command ceremony set for July 6

Colonel Richard W. Chambliss will relinquish command of the Marine Aviation Detachment to Col. John J. Moyer July 6. The change of command ceremony will take place 9 a.m. at Schoeffel Field aboard the Naval Air Weapons Station China Lake.

Chambliss took over as the Marine Aviation Detachment, China Lake, and as executive advisor for Marine Corps Programs on the command staff of the Naval Air Warfare Center Weapons Division, China Lake, July 22, 1992. He will report to the Naval Ordnance Command, Indian Head, Md., for duty as the chief of staff.

Moyer will come to China Lake from the NATO command of Naval Striking and Support Forces, Southern Europe in Naples, Italy, where he served as the assistant chief of staff for plans and

The Marine Corps Band from San Diego will provide the music for the change of command ceremony. After the ceremony, a reception will be held at the Seafarer Club.

#### **Pages From The Past**

June 29 & July 6, 1984

John Pearson of NWC's Research Department received the Navy's second highest civilian award, the Navy Superior Civilian Service Award. . . . Ray Miller, Ordnance Systems Department, won the L.T.E. Thomp son Award. . . . Three Air Force Academy cadets are at China Lake taking part in a summer research program. . Luch Lambert-Shaughnessy has been named NWC's Hispanic Employment Program

June 28 & July 5, 1974

Rear Admiral Roland G. Freeman took command of NWC at a ceremony yesterday, relieving RAdm. Paul E. Pugh, who retired with 33 years service. . . . Lt. J.P. Esposito was killed when his A-7E crashed near Baker Range during a project flight.

. .NWC's new Technical Director G.L. Hollingsworth was scheduled to report aboard on Monday. . . . Former TD W.B. McLean retires on Sunday from the Naval Underwater Center in San Diego, ending a 32-year

June 26 & July 3, 1964

Commander of the Naval Ordance Test Station, Capt Charles Blenman Jr., retires next Tuesday; he will be relieved by Capt. Leon Grabowsky, NOTS XO. .Four records were set by the SNORT facility recently when NOTS supported the Air Force's Titan III booster tests. . . Richard J. Zabelka of the Research Department received his Ph. D. in mechanical engineering from Purdue. . . . Chuck Mangold, NOTS sports director, is leaving to take over as sports director at Edwards AFB.

July 1 & 8, 1954

R.G. Selfridge, A.C. eClert and Walter Mader are running for a vacancy on the NOTS Community Council. .Cdr. John Cathcart, Station dental officer, is headed for

duty aboard the USS Piedmont. . . . George Thompson, a NOTS employee since 1946, received a 30-year federal service pin. . . . For the first time, a submariner, not an aviator, Capt. Robert F. Sellars, is in command of NOTS. . . . Cdr. J.I. Hardy is suceeding Cdr. T.J. Walker III as the Station experimental officer

June 30, 1994

Low-cost pregnancy screening services will be offered by the Kern County Health Department, 250 W. Ridgecrest Blvd., from 8 to 10 a.m. July 5, 12 and 19. Available services include pregnancy testing, counseling, health education and referral informaiton on prenatal and family planning services. There is a \$5 charge for each pregnancy test. Medi-Cal will be accepted. Credit cards, insurance

be accepted. Family planning clinics will be offered by the Kern County Health Department, 250 W. Ridgecrest Blvd., from 9 a.m. to 3 p.m. July 13 and 26. New patients or those returning after

three years are required to attend the informational family planning class, prior to being given an appointment. Classes will be offered from 1:30 to 3:30 p.m. July 5 and 19. Sliding scale fees will be based on income and family size. Medi-Cal will be accepted as payment. Depo-Provera injections will be available at the clinics starting July 1

forms and large bills, however, will not

####

Marylou Slinkard will be the featured artist at Maturango Museum's Sylvia Winslow Exhibition Gallery, July 9 to Sept. 7. A preview reception is scheduled from 7 to 9 p.m. July 8 with the artist in attendance. Slinkard's "Country-Western" is a collection of oils, watercolors and pencil drawings. Museum hours are Wednesday through Sunday 10 a.m. to 5 p.m. Admission is \$2 for adults and \$1 for children, ages 6 through 17.

The Commander's House, a two-story Victorian-style building in Independence, operated by Inyo County, is now open. The house is furnished to reflect life in the Owens Valley in the late 19th Century and includes some furniture built by soldiers at Camp Independence. It is located on the corner of Edwards and Main streets, and is open from noon to 4 p.m. Saturdays and Sundays through Labor Day.

The Eastern California Museum can be contacted for further information at

# Fire permits required in certain areas, other areas limit activities

Throughout southern California, as warm temperatures and not-so-gentle breezes dry new Spring vegetation, fire danger is extremely high and several have already been experienced.

As the administrator of approximately 13 million acres of public lands in southern California, the Bureau of Land Management is seeking the public's help to prevent more potentially disastrous wildfires within the region. The fire season traditionally begins

on May 1. In support of state and local wildfire prevention laws and regulations, BLM prohibits certain activities on public lands, including: use or possession of all fireworks; possession or discharge of a firearm using incendiary, tracer, steel core or armor piercing ammunition; ignition or burning of any tire, petroleum product, wires or magnesium, hazardous or explosive material; use of all off-road vehicles without a properly installed spark arrester (required at all times throughout the year) that does not meet BLM, U.S. Department of Agriculture-Forest Service or the Society of Automotive Engineers recommended standards; and use of campfires or barbecues except where and when authorized or permitted.

Beginning June 1 through the end of fire season, campfires and barbecues are

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M.

THE MONDAY BEFORE PUBLICATION

allowed by permit only in Stage 1 areas, which include the high desert area, Sierra foothills. Invo/Panamint, the East Mojave National Scenic Area and the Santa Rosa Mountains National Scenic

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, in the foothills of the San Bernardino Mountains, in McCain Valley recreation area, and on all public lands outside the California Desert Conservation Area. During periods of extreme fire danger, all Stage 1 areas may be elevated to Stage II.

Campfire permits may be obtained at all local BLM offices and fire or ranger stations, as well as from BLM rangers on patrol. No fee is charged for the per-

Any person convicted of knowingly and willfully violating a Fire Prevention Order can be fined up to \$1,000, receive up to 12 months in jail, or both. That person also is liable for the cost of damages and suppression of the wild fire.

For further information, contact BLM's California Desert District office at (909) 697-5200 or the BLM office in

# ROCKETEER CLASSIFIEDS

#### TO PLACE AN AD CALL 375-448

ALL ACTIVE/RETIRED **MILITARY PERSONNEL & THEIR** DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged (prepaid), PER ISSUE, as follows: 1-20 Words ..... Each additional word

١
ı
1
2
2
3
3
4
4
5
֡

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M.

OR DROP IT BY THE DAILY INDEPENDENT

224 East Ridgecrest Blvd.

#### 1 PERSONALS

WYCOFF'S VIDEO DATING SERVICE Select someone special. 10 day free membership, 384-5359, 24 hrs. (0714)

CHAMPUS Supplements for active duty and retired military. Call for free information, 371-3900, (0825)

LEARN HOW to do your own horoscope. Beginning astrology classes now forming. Licensed, professional astrologer with 10 years experience. 371-7827. (0630)

**BILLS KILLING YOU? Bankruptcy** can help! Charles Quinlan, Paralegal 375-1757. (0714)

TIRED OF BAR SCENES? Meet someone compatible! Star Connection 371-STAR. (0714)

#### 15 SERVICES/SCHOOLS

DELUXE LANDSCAPING Offers lawn maintenance, sod, sprinklers, rock, etc. 377-4419 (0714)

**20 RENTALS** \$\$\$ \$100 OFF FIRST MONTH

RENT! 2BR, 1BA, w/d hookups. \$370/mo., incl. lot rent. Call 446-4850. (0630)

\$\$\$ 100 FIRST MONTH RENT MH & RV lot for rent. \$185/mo. W/T/sewer pd. 446-4850. (0630)

3BR, 2BA, north location, gar., stove, d/w, w/d hkup, fenced yd. \$540/mo. + \$500 sec. 446-7166.

#### **30 BUSINESSES**

PROTECT YOUR FAMILY Wills. trusts, estates, Charles Quinlan, Paralegal 375-1757. (0714)

#### 35 AUTOMOTIVE

YAMAHA SECA TURBO, \$1,000 384-1277. (0630)

1982 YAMAHA 650 TURBO, \$1200 OBO. 1982 Honda 450 Nighthawk, \$600 OBO. 384-1277. (0630)

READY FOR A SPORTS CAR? '92 Toyota MR2 Turbo, loaded, w/T0tops & ext. warranty. Will sell or trade for sport utility truck of equitable value. 446-4203 Eves.

1993 MAZDA MX3 10k miles. A/C, AM/FM cass., tint, warranty, Like new. Good gas mileage. \$11,000.

SAND RAIL VW Dual port & carbs with another frame and trans axle. \$%2,000, 371-4920. (0630)

#### 40 MISC. FOR SALE

DAHON FOLDING BIKE. Used little, Red. \$100, 446-2205, (0630)

ROLAND D-20 Synthesizer w/multi track sequencer. MIDI Capable as workstation or controller. Excellent condition, rarely used. Make offer Call Steve 446-0874. (0630)

RCA VHS CAMCORDER with rechargeable batteries, charger/power supply, strap, hard carrying case. \$475. 446-2205.

**45 PETS & SUPPLIES** 

FREE KITTENS to good homes. Already litter box trained, on solid food. Call Steve. 446-0874. (0630)

MINIATURE POTBELLIED piglets. \$200 & up. Hand-fed baby Cockatiel. \$30 & up. 377-4419.

**GET** 

# Another trout stocking planned

While the weather in the Indian Wells Valley has been scorching, anglers in the Eastern Sierra region are enjoying temperatures in the high 70s to mid 80s in the higher elevations and in the 90s in the lower elevations.

Before the 4th of July weekend, another stocking of the Alpers rainbow trout is planned in North Lake, South Lake, Lake Sabrina and Intake II.

Fishing at Bishop Creek seems to be doing better than at a lot of the lakes. Mini jigs and meal worms have been very successful, as have salmon eggs.

Action has slowed down a bit at Lake Sabrina, reads a report from the Bishop Chamber of Commerce. The inlet is the best bet if shore fishing. Try dunking crawlers or green power bait. Trollers are doing fairly well using flashers and worms or woolly buggers. Fly and bubble set-ups have been successful in the

At South Lake, anglers are catching

fish, but are having to work for what they get. Crawlers and green power bait are the baits of choice.

Float tubers have been doing well in the evening at Intake II, while mini jigs and meal worms are working best off the

If fishing North Lake, the fly and bubble in the evening is the best bet. Woolly buggers and matukas are best.

Anglers are catching plenty of perch at the Pleasant Valley Reservoir. Try using mini jigs and worms around the boat ramp in the evening. The heat has slowed trout fishing down, but if that's the planned catch, try for them in the early morning or evening.

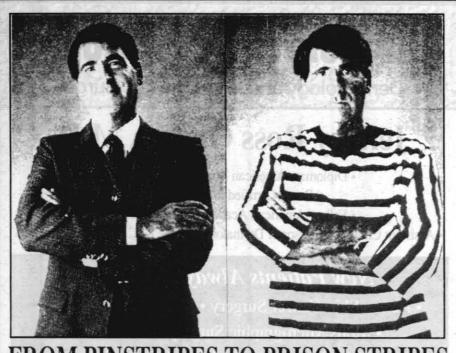
Action isn't bad at Haiwee. One angler caught a 10-12 pound trout. Try using float tubes with all types of artificial baits for best results.

Big Pine Creek has been producing a lot of nice pan-sized trout for anglers using fluorescent red power bait.

# Spring volleyball competition ends



BOMBS AWAY takes first place in the NAWS China Lake Volleyball League competition. Karen Rivers, gym manager, presents the first place trophy for the spring league to PHC J.T. "Chris" Christian, coach of the VX-9 team. Members of the team watching are (I to r) Diane Jenguine, Fred Schilling, Eduardo Garcia and Alfredo Rodriguez. The next volleyball season has already begun. Games are played every Tuesday and Thursday evening at the NAWS gym.



# FROM PINSTRIPES TO PRISON STRIPES

county jail.

Cable theft is a crime punishable by a stiff fine, imprisonment, or both. And cable thieves can get caught, because improved technology makes it easier to identify homes that are illegally receiving basic premium ser-

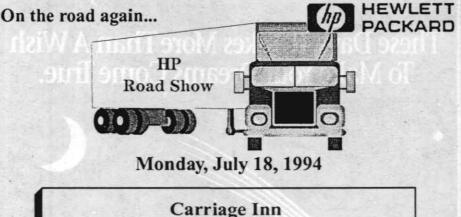
We don't want anyone to go to jail for stealing cable TV, so we're offering a painless solution. Just bring your unauthorized or tampered converter box to the address below. We'll exchange it for an unaltered one. Or repor

Cable Theft Hotline: 371-6840

BENCHMARK

Cablevision

CABLE THEFT IS A CRIME



"Apache Room" 9:00am to 3:00pm

Featuring demonstrations of the following Hewlett-Packard Test Measurement products:

- ★ Digital Design & Test
- ★ Vector Signal Analyzers
- ★ RF Network Analyzers
- \* Reconfigurable Modular
- ★ EMC Receiver Measurement
- Instrumentation, VXI
- ★ Low Cost, Basic Bench Test Instruments
- ★ Dynamic Signal Analyzers

#### and introducing...

HP 53131A Universal Counter HP 34401 A Digital Multimeter

HP 54542A Portable Digital 1 GSa/s Oscilloscope HP 89440A 1.8 GHz Vector Signal Analyzer HP 8546A EMC Receiver

> For more information please call: Phil Arnold (619) 375-8885 or (818) 779-2307

# VX-9 tests water-based camouflage paint for use in desert environs



Story and photos by PHC (SW) J.T. Christian

Tou hear the sound of a jet overhead. Glancing up, expecting to view a familiar gray aircraft, you instead spy what appears to be a chunk of sand flying through the air. You have just seen one of the planes participating in the latest evaluation process taking place at Air Test and Evaluation Squadron Nine. Commander Naval Air Force Pacific., (AIRPAC), has selected VX-9 to test and evaluate a new desert camouflage aircraft paint. By the end of June, four F/A-18 "Hornets" will be repainted in two tone browns.

First used in Desert Storm on an emergency basis on A-6 aircraft, this water-based paint, in comparison to the oil-based or poly paints currently in use, seems to have several distinct advantages. Last summer, AIRPAC selected then VX-5 as the test squadron to thoroughly evaluate the paint's capabilities in a desert environment and climate. A lead-in testing period of nine months was held with only the flaps and speed brakes of a single F/A-18 painted with the new paint. When the results of that small test were reviewed, AIRPAC approved VX-9 for more extensive testing.

Being water-based, there were major questions, "Will the paint hold up in the harsh desert heat?" "Does it come off in the rain?" While the testing has just begun, the short term answers appear to be favorable. As of June 27, two of the four F/A-18s have been "cammied" and after two weeks of total integration into the flight schedule, neither are showing any signs of the paint melting or running. AMH1 Mavis Black, work center supervisor for the VX-9 Corrosion Shop, says, "This paint flows smoother, adheres better and dries faster in desert heat-much better than we expected."

"Contrary to popular opinion, this paint does not come off when flying through a thunderstorm," said LCdr. K.M. Shanaghan, VX-9 maintenance officer. While washing one of these aircraft with current procedures and materials does fade the water base finish, plain soap and warm water seems to do the

"It definitely works as advertised," continued Shanaghan. "When viewed from above, an aircraft with this new paint is virtually indistinguishable from its desert surroundings. And that is what we are paying good money for." The water-based cammy paint is approximately four times cheaper than the poly paint. The water-based paint costs \$30 a gallon, while the poly runs around \$25 per

LCdr. Will Maloney, former VX-9 maintenance officer, says the water-based paint, "allows us to paint an entire aircraft, something we were not allowed to do before," with virtually no fumes or over-spray considerations to contend with. VX-9's Hangar One should be a much more pleasant and safe place in which to work when spraying with this paint. Since clean-up is simply with soap and water, the current problem of cleaning solvent storage and disposal is greatly reduced. There is no mixing required (poly paints require meticulous two-part



combinations), flaws are easily corrected, it is much easier and safer to remove and it even protects the base poly coat it could be replacing. This new camouflage paint seems to be almost perfect.

"Using this water-based paint requires different spraying techniques than what we are used to," said AMH1 Black. Because the spray is nearly invisible, the painters only see where their spray gun is pointed. Until the paint starts to dry the color or coverage isn't apparent. "At first there were a lot of runs and blotches because we were going over the same area again and again," added lead painter AMS3 Deion Stroschein. "Then we began to trust our aim and the second bird came out much better."

Black said, "Another problem is that both colors of brown look the same when they are wet. We can't tell until the next day if we did our job right." This brings up a subtle advantage. The water-based paint dries in four hours; less in direct sunlight. Poly paints require a minimum of 12 hours to dry. The new paint, then, will decrease maintenance downtime and could prove a vital advantage in a combat situation.

Other than the new spraying techniques required to professionally apply this paint, the biggest drawback appears to be the current application equipment in the Corrosion Shop. The existing equipment, specifically the nozzle tip, is not designed for the much finer mist pattern of the water-based paint. While using equipment designed for one product on a radically different product is a problem, it can be overcome. By experimenting with different fluid-to-air ratios in the poly-utilized spray equipment, VX-9 Corrosion Shop painters determined the tuning requirements necessary to make the water-based paint work.

"Acceptance of water-based camouflage paint for large scale Navy use is largely dependent on VX-9's test report to AIRPAC. Those results will be the direct result of the professionalism of the VX-9 Corrosion Shop," said LCdr. Shanaghan.

BARELY DISCERNABLE as it goes on (below), the new water-based paint being tested by VX-9 gradually forms desert camouflage appearance as it dries.



#### At May and June Quarters

# EOD members earn NAMs, as VX-9 sees Air Medals

Six Navy Achievement Medals highlighted Quarters for Naval Air Weapons Station China Lake on May 23.

Three members of Explosives Ordnance Disposal Mobile Unit 3 Detachment at China Lake received NAMS for their involvement with explosive ordnance disposal operation for the Inyo County Sheriff's Department on Oct. 15, 1993, against a life-threatening terrorist device. They included HTC Joel M. Butler, TM1 Mark J. Burlington and QM1 Michael J. McMullan.

"Chief Butler coordinated the mission flawlessly and made certain that explosive ordnance disposal procedures and safety precautions were strictly adhered to throughout the operation," RAdm. Dana B. McKinney, NAWCWPNS commander, wrote in the cita-

"Petty Officer Burlington planned, coordinated and ensured the expeditious set up of explosives-handling tools, communications, personal pro-







QM1 McMullan

tective clothing, X-ray and video equipment..." McKinney wrote, also noting his attention to procedures and

"Petty Officer McMullan made certain that safety was strictly adhered to during initial reconnaissance, rendering safe procedures and throughout the operation.

Additionally, he gathered all historical information and intelligence with video and still cameras."

AFCM (AW) Michael W. Leonardi received the NAM for service as aircraft intermediate maintenance LCPO while aboard USS Belleau Wood from January 1992 to March 1994.

The citation by VAdm. David B. Robinson, commander, Naval Surface Force, U.S. Pacific Fleet, credits Leonardi's technical expertise, fabrication ideas and welding skills in reconfiguration that resulted in better security,

faster communications and a better working environment. "Recognized as one of the command's damage control experts." Robinson wrote. "(Leonardi's) contributions as a member of the Damage Control Training Team were directly responsible for the command successfully passing a Light-Off Assessment."



ADC Costa

ADC (NAC) Philip A. Costa was presented with the NAM for service with Patrol Squadron 22 from May 1990 to June 1993. During that time he served in several mAnagement capacities. "His superlative performance as Safety and Naval Air Training and Operating Procedures Standardization Division chief resulted in the command passing the annual Commander Naval Air Force, U.S. Pacific Fleet evaluation with a 97 percent pass and receiving a magnificent zero discrepancy rate on administration and records inspection," wrote RAdm. J.R. Ryan, commander, Patrol Wings, U.S. Pacific Fleet. "As Safety Department chief, his organizational skills and attention to detail made every safety standdown a worthwhile and successful

The NAM went to AMS2 Sean E. Corcoran for service as Aircraft Intermediate Maintenance Division Nondestructive Inspection Branch technician at NAWS China Lake from April 1993 to August 1993. "Petty Officer Corcoran devoted more than 65 off-duty



hours assisting an (F/A-18) modification team while meeting all intermediate level support requirements for Station and tenant activities," RAdm. McKinney wrote. "His vast technical expertise and resourcefulness yielded a savings of approximately \$38,000 to the Navy and led to the expeditious completion of the required F/A-18 modifications, allowing the station to continue with its

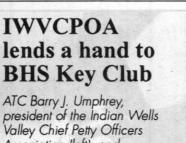
Please see next page

#### **HARP** allows Sailors to go home to recruit

Washington (NNS) - Wanted: Energetic, enthusiastic sailors for two weeks of recruiting duty. Must enjoy interacting with people and be willing to travel. Travel home, that is.

The Navy's Hometown Area Recruiting Program (HARP) provides an opportunity for sailors to go home for 12 days to assist local recruiters in enlisting quality recruits by relating their Navy experiences to their peers.

For more information contact Yeoman 2nd class Ken Williams at Navy Recruiting Command in Arlington, VA. at (703) 696-4597, or DSN 226-4597 or the com-



ATC Barry J. Umphrey, president of the Indian Wells Valley Chief Petty Officers Association (left), and member MAC (SW) Dom Zaffora recently presented a check for \$500 to Steve Metcalf, Burroughs High School Key Club coordinator. The money will help send Key Club members to Minnesota for a problem-solving event focusing on the problems of planet Earth.



Monday, Tuesday, Thursday, Friday 0730-1630 Wednesday 0730-2000, Flex Fridays 0730-Noon 939-3506 939-3507 939-2773 939-2873

# All Faith Chapel Services

Protestant	nee sult	
Sunday Worship Service, East Wing	8:00 a.m.	
Sunday Worship Service, Main Chapel	10:30 a.m.	
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.	
(September thru May)	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 Fellow	vships,	
East Wing, Thursday	7:00 p.m.	
Jewish (446-3613 Messages)		
Weekly Services, Friday, East Wing	7:30 p.m.	
October through June	Stat arti.	
Hebrew Classes, Saturday, 1902 Dibb	2-5 p.m.	
Adult Education, Saturday, 1902 Dibb	10 a.m noon	
September through June		
Religious School, Sunday, 1902 Dibb 9:30 a	.m12:30 p.m.	ľ

Roman Catholic Sunday Mass, Main Chapel 9:00 a.m. Daily Mass, Blessed Sacrament Chapel 11:35 a.m. Confessions, Sundays Confessions, Weekdays Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandy 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m. Adult Education Classes, Thursdays St. Ann's School Library 7:00 - 8:00 p.m. RCIA. St. Ann's School Library 8:15 - 9:45 p.m. Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.

#### **HEAT** from Page 20

June 30, 1994

humidity in your workplace, you must become "acclimatized" to it. Acclimatization is a physiological adjustment or adaptation to heat by gradually getting yourself used to the "climate" you work or live in. Once you've become acclimatized, another important method for reducing heat stress is to follow scheduled work/rest cycles that keep an individual from overdoing it. Another thing to consider is your food and water intake. Most people don't realize that hot foods add directly to body heat and heavy meals reduce your ability to get rid of heat, because they redirect blood flow to your digestive tract instead of to your skin surface. Be sure your noon meal is cool and light, then try to rest for awhile right after eating.

Physical conditions that can hurt your body's natural ability to withstand high temperatures include: dehydration (water loss); diarrhea and antidiarrheal medications; exposure to high temperatures at night; fatigue (it takes work to lose heat); improper work procedures; lack of

#### Snake problems? Call China Lake Police

These Days, It Takes More Than A Wish To Make Your Dreams Come True.

Most of the time, it takes money. And that means starting to

plan now so that you can reach your goals in the future. That's

Payroll Savings Plan at work. Find out how U.S. Savings Bonds are

U.S. Savings Bonds

A public service of this newspaper

Making American Dreams A Reality

why you should invest in U.S. Savings Bonds. With just a little

money from each paycheck, you can buy Bonds through the

making American dreams a reality.

The China Lake Police would like to remind all who work at the Naval Air Weapons Station China Lake that it's snake time again. Please watch out for snakes around your buildings.

Concrete and road surfaces supply them with needed warmth. If you have any type of a snake problem, please contact the China Lake Police Communications Dispatcher at 939-3323. The China Lake Police are the primary contact point for snake removal.

acclimatization; loss of sleep; obesity:

older age (over 40); medications that

inhibit sweating, such as antihistamines,

cold medicines, diuretics and some tran-

quilizers; previous occurrence of heat

stroke; poor physical conditioning;

recent immunizations (they can give you

a fever); recent drug or alcohol use

(within 24 hours) or hangover; skin trau-

ma (heat rash or sunburn); and wrong

type or amount of clothing (tight clothes

restrict circulation and keep air from

Remember, the first step to any medi-

cal emergency is to activate the emer-

gency medical service. This ensures

advanced care and transportation to a

medical facility is not delayed. In addi-

tion, learning CPR and first aid will pro-

vide you with valuable lifesaving skills

to help the victim in the critical minutes

A reminder: Standard First Aid/CPR

classes are being offered at this time on

Station. For more information contact

before the ambulance arrives.

the Safety Office at 939-2315.

flowing over the skin).

Please leave snakes alone until personnel with the proper removal equipment arrive.

# Video Listings

# **KNID & TVIS**

·Monday-Friday, July 4-7 In recognition of Independence Day Navy Channel 17 is featuring selections from "The Bill of Rights in Action," following Navy News.

5:30 p.m.: Navy News

5:55 p.m.: The Bill of Rights in Action: Juvenile Curfews, Public Housing Security. 6:26 p.m.: The Right to Privacy: Drug Testing City Employees

7:00 p.m.: The First Amendment: Library Book Selection

·Monday-Friday, June 27-July 1

5:30 p.m.: Navy News 5:55 p.m.: Berlin in Brief

6:07 p.m.: Achieving Success 6:33 p.m.: Australia/New Zealand

7:03 p.m.: Cactus Jack

#### TVIS

Programs listed below will be available for viewing on Channel 3 in all FOTSequipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program — the room number will be posted in the lobby. Note: We have obtained a subscription to distribute CNN Headline News over the TVIS. CNN Headline News can be seen workdays from 7 a.m. to 5 p.m. on Channel 1.

•Tuesday, July 5

8:30 a.m.: Morris Massey: Dancing with the Boogeyman

9:45 a.m.: Tom Peters: The Leadership Alliance

11:00 a.m.: Wellness: Relaxation Video 1:00 p.m.: Macacademy: Excel 4.0, Part 4 of 5

3:00 p.m.: SAFETY PROGRAMS

•Thursday, July 7

8:30 a.m.: Tom Peters: Liberation Man-

9:30 a.m.: Morris Massey: Flashpoint: Where Values Collide

11:00 a.m.: Wellness: Relaxation Video 1:00 p.m.: Macacademy: Excel 4.0,

Part 5 of 5 3:00 p.m.: SAFETY PROGRAMS

•Tuesday, July 12

8:30 a.m.: IEEE: Revolutionary Concepts in Human/Computer Interactions

11:00 a.m.: Wellness: Relaxation Video 1:00 p.m.: Macacademy: Filemaker Pro 2.0, Part 1 of 4

3:00 p.m.: SAFETY PROGRAMS

•Thursday, July 14 8:30 a.m.: WhereThere's A Will

There's An "A;" How To Get Better Grades In College 11:00 a.m.: Wellness: Relaxation Video

1:00 p.m.: Macacademy: Filemaker Pro 2.0, Part 2of 4

3:00 p.m.: SAFETY PROGRAMS



# Jeffrey Ross Gunter, M.D.

 Diplomate American Board of Dermatology · Board Certified in Dermatology

· Fellow American Academy of Dermatology

Assistant Clinical Professor of Dermatology at the USC School of Medicine

#### New Patients Always Welcome

• Acne • Skin Cancer Surgery • Moles • Skin Diseases

• Mohs Micrographic Surgery • Fruit Peels

Vein Treatments • Pediatric Dermatology

Preferred Provider for GEHA, Blue Cross, Blue Shield, Travelers, Mail Handlers, Aetna, Champus (Tricare), and most others Most major insurances accepted. Medicare Assignment. Courtesy Insurance Billing

Call (619) 384-2592

To schedule an appointment

801 Downs St., Ste. B

During this time of year, in the desert, we can all be exposed to high temperatures whether at work or at home. High temperatures put stress on our bodies. When the body's cooling system has to work too hard to reduce heat stress, it can strain itself beyond its recovery capability. This physical strain-combined with other stresses such as work, loss of fluids, or fatigue-may lead to heat disorders, disability or even death.

All people who live in warm climates or work in hot, humid places can be affected by heat stress, even when they are healthy and young. Typical victims of heat stress include athletes (especially marathon runners), military recruits, seamen in engine rooms, cooks in hot kitchens, laborers, farmers and workers in boilers.

In addition to the medical hazards of heat stress, there is also a higher frequency of accidents in hot environments. Some direct causes of accidents include fogged glasses, slippery hands, sweat in the eyes and dizziness or fainting.

Some indirect causes of accidents

# Heat stress can strike victims of all ages

include irritability and anger, diverting attention from the job, physical discomfort, slower mental and physical reactions and poor judgment.

Some heat stress disorders include heat rash, heat cramps, heat exhaustion, and heat stroke-the most life threatening being heat stroke. Even a sunburn can prevent your body from eliminating heat efficiently and can contribute to one of the more dangerous heat stress disor-

Heat injuries are preventable with proper training, planning and supervision. Steps SUMMER you can take to prepare for heat stress include: understanding the effects of heat stress; knowing the symptoms and treatment for heat stress disorders; and taking personal precautions against heat injury.

So, how do you gain or lose heat? Well, your body has a thermoregula-

tion (Latin for "heat control") mechanism that tries to keep the body's inner temperature at a constant 98.6 degrees Fahrenheit. There are four ways that your body gains or loses heat. They are:

- · Radiation transfer of heat to or from surrounding objects that are not in direct contact with your body;
- · Convection transfer of body heat to or from air moving over the skin;
- · Conduction direct contact with objects that are colder or warmer than the body; and

· Evaporation - cooling caused when air absorbs body moisture from the lungs or skin.

The amount and speed of heat gain or loss depends upon temperature of the air on surrounding

> objects, air movement (wind or fans) and

At rest, the body loses 75 percent of excess heat through conduction, convection and radiation of the body heat from the blood vessels at

the skin surface. As internal

body heat rises from high temperatures or work, surface blood vessels get bigger and the pulse rate increases. putting a strain on the heart and circulatory system. When more blood is pumped close to the skin for cooling, less blood goes to the brain. Bending, squatting or standing up suddenly can result in a momentary blackout, which

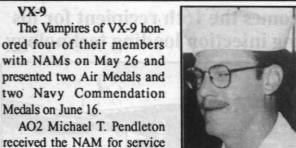
could cause secondary injuries or accidents at a job site.

If the temperature of the air and surrounding objects in your work area rises above body temperatures, then conduction, convection and radiation cause the body to gain heat instead of lose it. The evaporation of sweat becomes the body's most important- and sometimes the only-cooling mechanism.

But sweating can also make things worse by causing you to lose body minerals and fluids. Most people will lose about a quart of sweat an hour while working in extreme heat. This puts even more strain on the circulatory system since it actually lowers the amount of blood in your body. And, just because you are sweating, it doesn't mean you are getting rid of heat, since sweat must evaporate to cool your body. Normally, the faster the air moves over your body, the more sweat evaporates. But, if the air is so full of water vapor that it cannot absorb any more, you can work directly in front of a fan and still not lose any

Finally, if your body's natural defenses against heat are pushed beyond their limits, they may simply shut down, leading to an uncontrolled rise in body temperature that can cause death or permanent damage to the central nervous sys-

If you can't control temperature or Please see **HEAT**, next page



tant of the squadron's Armament Division from March 14 to April 1, 1994. "Petty Officer Pendleton demonstrated exceptional initiative. foresight and attention to detail by personally volunteering to implement the Survival Equipment Asset Tracking

System computer software program, a responsibility outside his normal duties," wrote Capt. Scott C. Ronnie, VX-9 CO, in the citation. Ronnie also noted that Pendleton's discovery that some aircrew safety devices had exceeded their service life "averted a potentially hazardous condition for squadron aircrew and prompted increased emphasis in documenting Aircrew Escape Propulsion System maintenance actions and processing Naval Ammunition Reclassification notices."

June 30, 1994

VX-9

The Vampires of VX-9 hon-

two Navy Commendation

as aviation ordnance accoun-

Medals on June 16.

AT2 Keith B. Anderson, AT2 Kevin Bell and AT2 Jesse Deal were recognized with NAMs for service as APG-73

**ATTENTION NAWS** 

Call US For All Your

Video Equipment &

Maintenance Needs

Base Credit Cards &

PO's Welcome

Call Today!

131 N. Balsam

VIDEO

TECHNICAL

SERVICES



AT2 Anderson



radar technicians with VX-9 from December 1993 to April 1994. During the four-month F/A-18 radar upgrade test, they "displayed exceptional technical expertise in maintaining the new Hornet radar," wrote Ronnie. "(Their) dedication and enthusiasm were instrumental in the accumulation of 241 sorties and 357 flight hours.

(Their) maintenance evaluations have made a critical impact on the development of the radar, the maintenance procedures and documentation, and have ensured that the fleet product will be maintainable and effective."

Air Medal honors with First and Second Strike/Flight awards went to Lt. James A. Winship for his participation in Operation Southern Watch while serving with Tactical Electronic Warfare Squadron (VAQ)138 from March 23 to June 16, 1993. "In the successful completion of his missions, Lt. Winship contributed materially to the success of the United

Trivia Question #123:

and

improve

and

See page 11.

· Playing Cards

Quiz Games

Games

• Magnetic Travel

States efforts," wrote then CNO, Adm. Frank B. Kelso. He also noted that Winship displayed "superb airmanship, steadfast perseverance and unselfish devotion to duty in the face of hazardous flying conditions.'

Lt. Andrew J. Gamble was doubly honored, first with the Air Medal, then with the Navy Commendation Medal for service with VAQ 135. The Air Medal came for his "courage, superb airmanship and loyal devotion to duty," while participating in Operation Southern Watch,

according to the citation by

The Navy Commendation Medal resulted from Gamble's service as tactics officer, Line Division officer and QA officer with VAO 135 from March 1991 to April 1994. "Displaying exceptional initiative Lt. Gamble developed a 'Suppression of Enemy Air Defenses'



reference guide used extensively to by Air Wing Eleven strike planners to formulate strikes that resulted in enhanced air wing effectiveness," wrote VAdm. R. J. Spane, commander, Naval Air Force, U.S. Pacific Fleet. "He was directly responsible for drafting and implementing a plan for all air wing aircraft to operationally check installed electronic warfare equipment, which singularly contributed to the air wing saving tens of thousands of dollars in range costs..."

LCdr. John P. Murray received a gold star in lieu of a fifth award of the Navy Commendation Medal for service as maintenance officer of Helicopter Combat Support Squadron Five from April 1991 to April 1994. "Displaying extraordinary initiative and uncommon attention to detail, LCdr. Murray revitalized all



maintenance programs, which resulted in the improved material condition and readiness of the command's 12 28year-old aircraft," wrote Spane. "His efforts were reflected in grades of excellent with zero major discrepancies during three Type Commander inspections."

740 Bennett

Nice 2 bedroom, 1 bath.

\$375/MO. (+ security)



836#A, 840 #A & B Commercial 2 bedroom, 1 bath apts. with dual cooling.

\$300/MO. (+ security) **CALL FOR FULL LISTING** 



POPPy Property Management & Rental & Service 109 L. Ridgecrest Blvd.



omputing Technology

#### Upgrade your computer to a 386, 486 or Pentium

Upgrade your 286/386-class computer to a complete 386 or 486 or even a Pentium system with a deluxe mini tower & new power upply. Special price on RAM, if needed.

mly \$249 for 40MHz 386

only \$399 for 40MHz 486

black, rack & tower with 256K cache & free labor. Other cases available speeds available Full size tower add \$50 speeds available. Full-size tower, add \$50.

486 66MHz VESA w/ZIF, new case & p.s., \$519.

Credit Card

While you can't turn in an old computer for a new one, you can buy parts upgrades such as in this ad.

100MHz 486 Intel power supply. \$949.

Pentium 60MHz Pentium P5 upgrade inluding motherboard entium CPU, 4MB RAM. IDE hard-drive controller new case & power supply \$1,449. 90MHz add \$499.

Computer Store



NWC COMMUNIT

CORPORATE OFFICE, (619) 371-7013, 701 S. China Lake Blvd.

RIDGECREST CHINA 'AKE LAKE ISABELLA KERNVILLE CALIFORNIA CITY BORON (619) 371-7084 (619) 371-7 31 (619) 379-4671 (619) 376-2251 (619) 373-8472 (619) 762-5650 1323 N. Norma St. 1115 King Ave. / 138 Lake Isabella Blvd. 44 Big Blue Road 7107-C Calif. City Blvd. 27055 Twenty Mule 1

"The Communities' Choice"

FEDERAL CREDIT UNION



# **GOING ON A TRIP?**

Keep Your Kids Occupied.

We Carry:

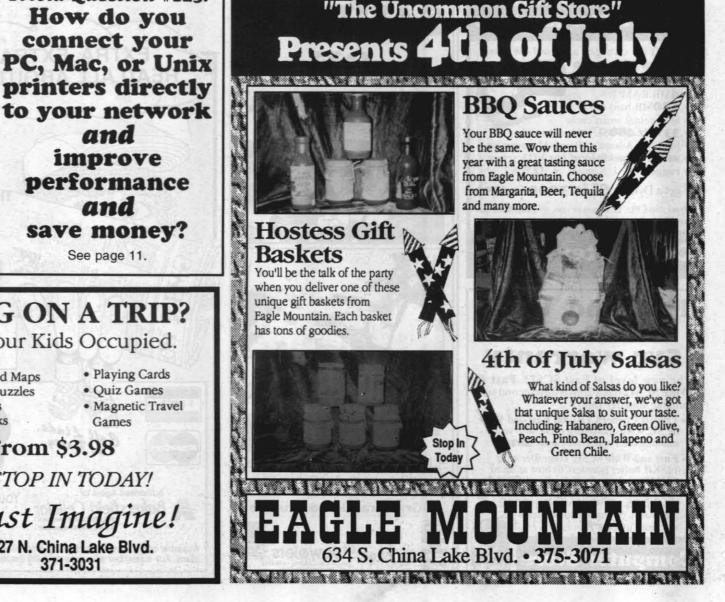
· California Road Maps · U.S. Maps & Puzzles

· Activity Books

Coloring Books

From \$3.98 STOP IN TODAY!

ust Imagine! 827 N. China Lake Blvd. 371-3031



# Clarence J. Renne Award

By Peggy Shoaf

istinguished and outstanding efforts in the design and applicaion of injection loading technology recently earned Timothy I. Mahoney the Clarence J. Renne Award. Mahoney was honored before his family, co-workers and peers at a special ceremony at the CLPL cafeteria when Dan Goss, head of the Ordnance Systems Department, named him the 16th recipient of the award.

The Clarence J. Renne Award was established in 1980 to fulfill two purposes. First, to provide a means of paying continuing tribute to Clarence Renne's leadership, vision and persistent efforts in assuring that the Operating Plant of the Ordnance Systems Department was always ready and safe for use. The second, equally important, purpose was to provide a means of showing appreciation to the people whose oustanding achievements in plant improvement, upkeep or operations carry out the standards of excellence established by Renne.

Mahoney is currently the head of the Propulsion Systems Division's Energetic Materials Processing Section. He was nominated for the award by John M. Robbins, head of the division, for his effort in advancing injection loading technology.

"Mahoney has been in the forefront of the development of the technology for injection loading plastic bonded explosives (PBXs)," Robbins wrote in his nominating letter. "Starting with just a concept in 1985, a lab-scale injection loader was designed, constructed and certified for live operations by 1987. The injection loading of various PBXs into small munition items with excellent load quality was quickly demonstrated. The technologies thus developed were applied to the design of a pilot-scale injection loader installed at Naval Surface Warfare Center, Indian Head (NSWC-IH), Yorktown Detachment, in 1991. Mahoney was instrumental in the design, installation and de-bugging of this second-generation injection loader.

"Initially injection loading was found to be an ideal method for loading submuntions at high production rates with excellent load quality," Robbins continues. "Since then it has been found to be equally applicable to the loading of small to medium-sized warheads, projectiles, precision-shaped charges and even rocket motors (with propellant formulations previously considered too viscous for conventional casting)."

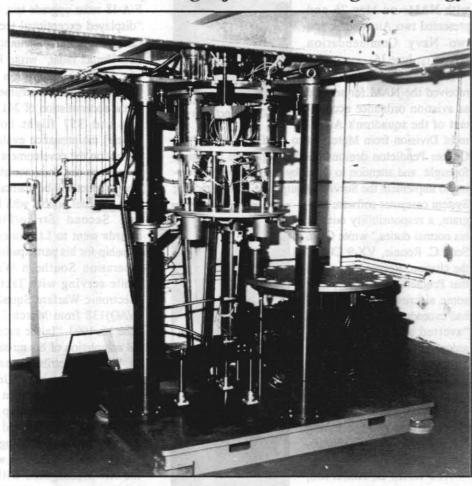
The success of Mahoney's accomplishments are demonstrated with the Please see AWARD, next page

SAVINGS

OF

50% TO 60%

Tim Mahoney becomes the 16th recipient for his efforts in advancing injection loading technology



**READY FOR BUSINESS**—The new injection loader is ready for full-scale testing of loading of various plastic bonded explosives. The loader can handle small munitions up to 34 inches long and 10 inches in diameter.



Sale: You can get a real 486 power

Dynova SLic 4000 or only \$1,296:

- · 4MB RAM • 120MB hard drive
- · 33MHz 486SL\* · less than 6lbs Intel/MS Advanced Power Managemen
- · wonderful backlit local bus VGA screen rugged
   U.S. made
   DOS 6.2

or get a Dynova SLic 3000 for \$999 Intel 486 CPU: Low-power vers. of 486DX include

Computer Store

#### Fast and Wide SCSI2 with **5yr warranty**

The new level of Fast SCSI2. Fast & Wide SCSI2 has a 20MBytes/second sustainable transfer rate

- 1.06GB Conner CFP1060 Fast and Wide SCS12 9.5ms hard disk drive w/5-year manufacturer's warranty only \$829
- Fast and Wide SCS12 controller with 128KB buffer transfers to host at up to 32MBytes/sec., includes Corel SCSI 2 for support of virtually all environment (incl. DOS, all Windows, Unix, OS/2, NetWare), 5-year manufacturer's warranty just \$179

**Computer Store** 





#### HORSE PATROL from Page 18

and if selected, complete a training course on basic horsemanship, care and feeding and are assigned to the remote range patrol. Horses are cared for by the U.S. Army Veterinary Corps Detachment out of Fort Irwin.

A patrol is usually comprised of two or more security force members patrolling an assigned area. The officers and horses are taken by patrol vehicle and horse trailer to a remote area of the Station's perimeter, dropped off and then picked up at a predesignated place and time. They are armed and equipped similarly to their vehicleencumbered counterparts. Griffiths says that this method puts the horse and rider in the area to be patrolled "fresh and alert." Although the pickup point is predetermined, the patrol can deviate and change the pickup point as necessary.

On one memorable occasion in the fall of 1991, some weekend mule deer poachers were arrested. The poachers had entered the Station and were caught at night some six miles inside the perimeter while they were encamped, skinning and dressing the poached deer. Three members of the horse patrol cut the trail and tracked the poachers to their encampment. The area where they were found is inaccessible by any means other than by horse or foot.

Today, miners, hikers, campers and some wandering souls are discovered on these remote Navy ranges. When approached by mounted officers, trespassers appear nothing less than awed by the sight of the approaching Navy cavalry in the middle of the desert.

The horses are also used to provide crowd control at major events such as when the Blue Angels perform at China Lake. The horses and their riders have been well received at local parades also. And, when the horses have "gone to school" at the Children's Center, they have been the hit of the day.

#### MINTHORN from Page 14

of the Navy's foremost experts in solid rocket motors and motor processing."

THE ROCKETEER

It's in that last portion, production processing, that Minthorn feels a lesson can be learned from this experience. "A weapon system is an ecosystem of interrelated parts that must work together to function properly," he said. "And just like life itself, where there is no definitive document that can describe what life is for all people, no technical data package can adequately describe the weapon you're trying to produce. It's not pure science...building rocket motors is an art and design agents need to be production agents, too."

He explained that while motors from different contractors may contain the same amounts and the same formulations of propellant, the actual performance from the motors can be different, because of the different production processes-the "art" factor-used. Designers, he feels, must not only design the motors, but must also help define the processes for making the motors, and then continue to be involved in overseeing the process at work

While becoming involved and working to solve the

problems that were discovered has saved the government money, Minthorn feels the money spent on this effort and that will be spent to screen and refit missiles of this type that are already in the fleet might have been saved if a more thorough oversight process had been established. "By spending a little bit of money to maintain the governments active participation on the production team," he said, "we avoid having to spend many more times that to come in and fix a problem that could have been prevented to begin with. We need to look at the overall life cycle cost, which I believe would be less, by keeping the government involved throughout the life cycle."

About receiving the award, Minthorn says while he appreciates that the effort was recognized, he feels guilty to some extent because he was just doing his job as part of a team. "This actually is due to the blood, sweat and tears of a lot of people," he said. "There were a number of people from different groups in the department, those from the program office, people from Indian Head and some from NAVAIR who should share in this recognition. It was truly a team

#### ROOKS from Page 17

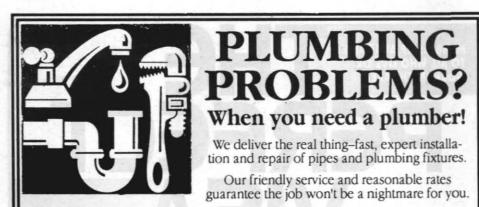
come in & try state-

yet, Rooks said that the advertising company paid all her expenses going to the shoot and that General Motors paid for installation of the equipment retrofitting.

"To me, it was an honor just to be selected to be one of the people introducing the 95 line," she said. "Frankly, I have never really seen an ad with a real handicapped person in it. We're seeing more and more handicapped people on television all the time, but I have never seen advertising from a major automaker before where

they advertise that their cars can be retrofitted for hand controls. And, I am really excited about what that ad will mean to handicapped children.

"I'm looking beyond the picture in a magazine with the Saturn car," she explained. "I'm really thinking about what handicapped kids will think when they see it. I would like for them to think that if you have the heart to succeed, there are no limitations to what you can become in life."



## CARDINAL PLUMBING CO.

1543 N. China Lake Blvd. 446-4004 LICENSED & INSURED Lic. #496447



True Intel 60 to 90MHz P5 Pentium 64-bit CPU plus VESA bus makes this the fastest X86. We offer a wide variety of cost-effective ways to full Pentium performance including:

Upgrade to a Pentium motherboard with VESA high-per IDE hard-disk controller, three empty VFSA slots, with 4MB RAM, one parallel & two serial ports 60MHz just \$1,349. 66MHz add \$199. 90MHz add \$499.

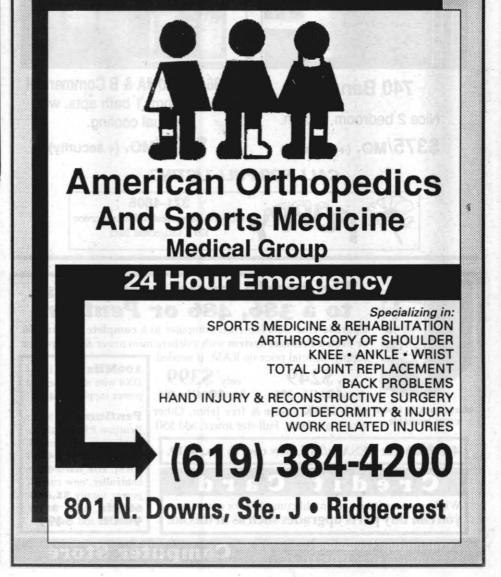
• Complete tower system with 340MB high-performance hard disk

drive. VESA high-performance hard-disk controller. 4MB RAM, one parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024 x 768 x 256-color VGA monitor & very-high- performance Stealth VESA VGA card. Windows 3.1 & mouse, DOS 6.2, enhanced keyboard, two or three empty VESA slots. 3-year, no-hassle parts and labor warranty, 60MHz only \$2,398. 66MHz add \$199. 90MHz add \$499. [I'm using a 90MHz Pentium now, If you need PC power, Pentium

really can increase your productivity. I recover its dditional cost in my time saved every month l

Computer Store 251 Balsam St. 375-5744

Intel 90MHz Pentium power



#### **HORSE PATROL** from Page 1

Burroughs' taking advantage of one of these opportunities reveals not only his regard for his command's welfare, but also his initiative and ingenuity in accomplishing a goal. To meet a recreational need, Capt. Burroughs requisitioned horses from the Army to form the "China Lake Horse Patrol."

Ostensibly, the commanding officer's request to the Army Remount Officer in Los Angeles for cavalry mounts was to combat the serious problem of building supplies and materials being pilfered at an alarming

From the onset, the remounts Snuffy, Jiggs, Buck, Devil, Sherman, Jasper, Four-F and Lee were destined to enjoy the softest duty of their Army-Navy career. Almost immediately after arriving, their mission shifted from "horse patrol" to recreation

Today's horse patrol traces its origin to 1981 with the purchase of three horses to patrol remote weapons test ranges. Besides the security mission, the horse patrol is responsible for the protection of two registered national historic landmarks, Big and Little Petroglyph Canyons and other cultural resources.

Currently, seven members of the NAWS China Lake Safety and Security Department's Police Operations Branch volunteer for this prestigious group. The range patrol includes four trained and well-equipped horses. As in the days of old, these modern day "horse soldiers" patrol nearly impassable mountains and deserts fulfilling their security mission.

Police Lt. Stan Austin and Sgt. John Griffiths supervise the range patrol and the care and feeding of the horses. The unique ability of the horse patrol to get into canyons and over mountains, that even the best fourwheel-drive vehicles are unable to traverse, provides the NAWS China Lake Safety and Security Department

with a cost-effective means of meeting mission goals.

Griffiths stated that in 1986, efforts to replace the horse patrol by use of "off road" motorcycles and "dune buggies" proved ineffective after only one day. This resulted in the increase of horses to seven to meet the increased demands for more patrols of remote ranges.

Patrol officers are regular GS-083 police officers and Sailors of the Law Enforcement Physical Security Division who have been specially trained and certified to serve in the Range Patrol.

Aviation Machinist Mate First Class Chris Cook is

only the second Sailor to become a member of this elite group. Cook said, "The horse patrol is great. We cover a large area of the station's perimeter and remote ranges on horseback and I enjoy every minute of the job. This is the most unique job I have had since joining the Navy 15 years ago."

Horses are purchased by the Navy or procured by transfer from other government agencies, such as the Bureau of Land Management. These horses are then trained for remote range operations and for crowd control. Police officers and Sailors volunteer for this duty



on NAWS range perimeter is an additional duty for horse patrol

**FIXING FENCES** 



# Best Bernoulli Upgrade We've Seen... For a limited time, Bernoulli manufacturer IOMEGA will upgrade any Bernoulli or SyQuest or other removable drive

to a Bernoulli MultiDisk 150 drive. Upgrade to: • Bernoulli Multidisk 150 internal for only \$339 (IDE or SCSI)

Bernoulli Multidisk 150 Transportable for Mac or PC for \$449
 Bernoulli Multidisk 150 Dual for Mac or PC for just \$779

Upgrade includes a free 150MB data cartridge!

The MultiDisk reads 44MB cartridges and reads & writes all cartridge sizes above 44MB. It stores 50MB (300MB with compression) and runs just like a hard disk (access 9 to 18ms)

Any working or dead Bernoulli or SyQuest drive can be upgraded to a MultiDisk 150. Any removable working or dead drive can be upgraded to a MultiDisk 150 (this includes hard drive mounted in a frame to plug into a 51/4" drive space).

All you have to do is bring in your working or dead drive, pay the upgrade fee, & pick up your upgrade drive (if not in stock we'll get it in a couple of days).

Computer Store





#### AWARD from Page 6

June 30, 1994

Research and Development Agreement between the Naval Air Warfare Center Weapons Division and Alliant Techsystems, Robbins explained.

Under the terms of this CRADA, Alliant Techsystems has built an injection loader similar to the one Mahoney designed. The loader has now been

installed in its new home at China Lake and is ready for full-scale testing.

"Mahoney was a principal player in the establishment of this CRADA and has worked very hard to advance the state of the art of injection loading technology to its current level." Robbins said.

Upon giving Mahoney the award,



Trivia

WATCHING Tim Mahoney receive the Clarence J. Renne Award from Dan Goss, head of the Ordnance Systems Department, are Stacy, Steven and Nancy



\$595 Behind & In Ear

\$695 In Canal

\$995 Canal Insertion

- Custom made & fitted
- ✓ Advanced circuitry only the highest quality
  ✓ Tiny canal aids, in the ear, behind the ear
  ✓ Price complete includes free no obligation hearing test to determine amplification

needs.

30 Day trial period

Call for Appointment 446-2804 RIDGECREST

902 N. China Lake (619) 446-2804

TEHACHAPI



**FREE Money Orders** W/\$10 Purchase

LOWEST LIQUOR

WE ACCEPT Coupons and Traveler Checks

Food Stamps & CAMEL SPECIAL PACK .99¢
Manufacturer's CAMEL SPECIAL PACK .99¢
CAMEL SPECIAL PACK .99¢ CARTON PRIVATE STOCK \$9.99

STYLE CARTUN \$11.56
With Ad

LARGE
FOUNTAIN SODA 64-Oz. - 99¢

SELECTION
OF
EGGS 89¢ Every Day
BUD, MILLER OR COORS
12 PACK 12 OZ CANS
ONLY \$5.99 With Ad.

Goss said, "I believe that the China Lake Explosives and Propellant Plant and associated facilities are the core element of the Ordnance Systems Department. Through your efforts, you have significantly expanded the processing capability of the plant. The dedication, technical expertise and professionalism you have

demonstrated during your eight years in

the Explosives and Propellant Plant have earned you the right to receive this award."

"It's a great honor to receive this award," said Mahoney, "but it couldn't have been accomplished without the tremendous support I have received from everyone involved in the project, especially the Ordnance Systems Branch."

#### Dance opens Teen Center tonight, 6 to 10

Members of the Morale, Welfare and Recreation Department are gearing up for the "party of the summer." The party, June 30, will officially open the Naval Air Weapons Station China Lake's new Teen Center (old Bank of America building on the corner of Blandy and Rich-

From 6 to 10 p.m., military and DoD dependents can enjoy music, food and games in their own building. Party goers can bring one guest each to the festivities.

In addition to a live radio broadcast by KRAJ, The Heat, there will be door prizes, a barbecue, dunk tank, volleyball games, billiards, television, computers to experiment with, and Sega and Nintendo games to play.

The Teen Center will be open from 10 a.m. to 9 p.m. Monday through Thursday, 10 a.m. to 11 p.m. on Fridays and 10 a.m. to 4 p.m. on Saturdays. The center will be closed on Sundays

Once school starts, the center will switch to winter hours. Trained staff will be available on-site at all times.

For more information about the Teen Center, call James Morrison, the center's coordinator, at 927-TEEN.



Call: 939- 3636 (24 hours) or call the Inspector General at (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 443-6743 (commercia

# PERSISTENT DIARRHEA

**NEEDS MEDICAL ATTENTION!** 

30 years combined experience diagnosing & treating digestive disorders

> board certified physicians latest technology

MEDICARE ASSIGNMENT • GEHA PROVIDER MOST INSURANCES ACCEPTED



HIGH DESERT GASTROENTEROLOGY, INC. 801 N. Downs Suite J Ridgecrest

(619) 371-3494

Raman Patel, M.D. C. Pathmarajah, M.D. P. Dharmaraja, M.D.

no payments for

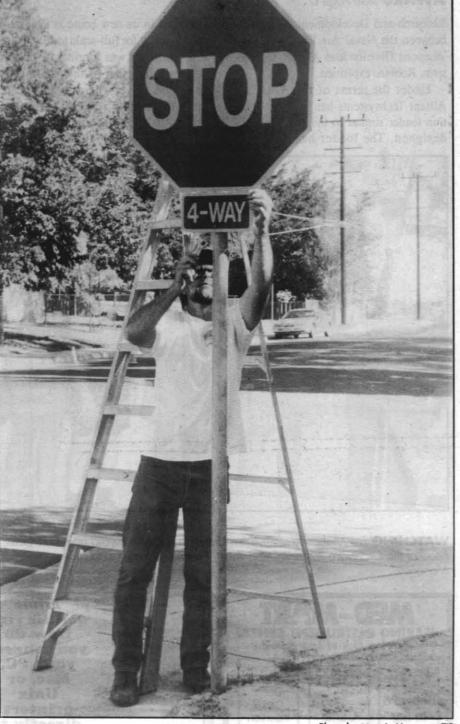


to buy a new Mazda. Hurry Deals Good Thru July 2nd.

Buying a car doesn't get any better than this. Right now, Ridgecrest Mazda will give you low, low 4.75% APR financing. With no down payment required. And this offer isn't good on just a couple of models. It's available on every new 1993 and 1994 Mazda in stock at your Ridgecrest Mazda now. Every sedan, sports coupe, sports car, minivan, sport utility vehicle and truck. Even the new '95 Millenia. The kicker? No payments for ninety days. So you get to drive it away now, and not pay one red cent til fall. The bad news? The deal's off midnight, July 2. So move it. What else could you possibly be waiting for?

# Ridgecrest Mazda

\*4.75% APR. on 36-month terms available to qualified buyers through Mazda American Credit. Dealer participation required. Program available through participating Mazda Dealers only thru July 2, 1994. Program does not apply to leases. Must take from dealer stock by midnight, July 2, 1994. Maximum amount financed is MSRP plus tax, title and registration.



BY ORDER of the commanding officer of Naval Air Weapons Station China Lake, Capt. Charles A. Stevenson, Dennis Medley of the Public Works Department's Sign Shop, puts up a new stop sign at South Knox Road and Stroop Avenue, now a four-way stop. The CO also authorized a four-way stop at Stroop and Sykes Circle and a twoway stop for the crosswalk on Burroughs Avenue (north of the school). In the Hill housing area, the CO ordered a four-way stop at Halsey Street and Nimitz Avenue, and three-way stops at Halsey and Kearsarge Avenue, Blue Ridge Road and Nimitz, and Saratoga Avenue and Inyokern Road. The stop signs, plus a 15-mile-per-hour speed limit, have been authorized to reduce speeding in housing areas. If this doesn't work, said a PW employee, speed bumps could be next.

#### We have the MOST **EXTENSIVE Stock of** fasteners in the Valley

- Plow Bolts
- Carriage Shaker Screen Bolts
- Hex Cap Screws Anchor Bolts
- Acoustical Lag Screws
- **Elevator Bolts**

371-3419

INSUPCO-TOOLS 731 W. RIDGECREST BLVD.

FAX: 371-3422



on offer in- & out-of warranty service or aserJet printers & other HP LaserJet 4 Plus HP computing products.

HP LaserJets are known for having more feature & quality than other laser printers and now the HP LaserJet 4 Plus is here (the 4M Plus will be available soon): faster (12ppm), optional duplex &

HP LaserJets: HP 4L \$699, HP 4P \$999, HP 4 Plus \$1,499, HP 4M Plus \$1,999, HP 4SI

Dealer



Computer Store 251 Balsam St. 375-5744

THE ROCKETEER

# Ad shoot makes June Rooks a 'movie star for a weekend

By Peggy Shoaf

Then friend Mike Reist, a local Marine, took June Rooks to get her leg brace repaired in Bakersfield, she had no idea she would become one of the models introducing the Saturn's 1995 line of automobiles in ads featured in national maga-

Rooks, who works as an operations research analyst in the Naval Air Warfare Center Weapons Division's Weapons Planning Group, noted that trip resulted in her buying a 1994 Saturn SL-1 from Saturn of Bakersfield. Handicapped, due to an illness she had as a child, Rooks asked for special hand controls to be installed. After they were installed, a Saturn agent drove the car to Ridgecrest, fighting the hand controls all the way.

"The story must have circulated on how hard it was for him to drive it down here with the hand controls," Rooks said with a laugh as she pictured him trying to control the car with his hands instead of his feet. After all, imagine making a quick stop. The foot automatically hits the brake pedal on the floor. The agent had to reprogram his brain to give the stop signal to his hands, not his feet—a difficult feat.

"After hearing the story and reading a copy of my biography, which was published in 1988, Saturn decided they would like to feature me in their national campaign," Rooks explained. "I received a call from Saturn's advertising agency, Hal Riney & Partners from San Francisco, and within two weeks I was on the shoot. They move at the speed of lightning!" she said with awe. "I guess the exciting part was after I flew down to L.A., I was picked up by a limo and taken to the Sunset Marquis. It was like being a movie star for a weekend!"

The location of the shoot was in the Santa Monica Mountains National Recreation area, overlooking L.A. "It was a beautiful setting," Rooks said.

"The park rangers closed the park and told the people they could watch from the outside, but would have to move their cars. When the people saw me, they started saying, 'Oh, she looks so familiar. What did she star in last?' Of course," she said with a laugh, "I didn't tell them I was an unknown."

Rooks praised the advertising people, saying they

made her feel very special, asking her if she wanted any special snacks and such. "They even brought a really big camper up there just in case I wanted to take a break"

Before going on the shoot. Rooks said she received a call from the woman who was going to do her makeun and hair. "I nearly died laughing when I was telling my friends about that. You

Own

know, you don't think about things like that. After she made me up I told her I had never seen myself looking so beautiful," she said, tongue in cheek and with a definite twinkle in her eyes.

The pictures taken for the national campaign, which won't be in magazines until September, were of Rooks standing beside a 1995 Saturn. The shoot lasted from around five in the evening until sundown. "They wanted L.A.'s lights for the background," she explained.

While she hasn't received any money for her work

Please see ROOKS, Page 19



Photo by Margie Hammett, TID

POSING AGAIN, June Rooks stands beside her retrofitted 1994 Saturn SL-1





Your Own

Let Norwest Mortgage show you how. We can put you into your own home for the same monthly

payment you are paying now! With today's interes rates, why rent when you can buy? CALL THE HOME LOAN SPECIALISTS

Sheila Miller or Tim Dedmon for Details RWEST MORTGAGE

Carpet • Vinyl • Hardwood

Blinds & Draperies

We have the quality and the professionalism

to make any Interior Concept a work of art!

**Interior Concepts** 

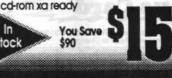
901 N. Heritage Dr.

446-7472 446-3637

350 E. Ridgecrest Blvd. Suite 105 • 384-2636

#### CRMC-FX001D DOUBLE SPEED double speed high performance operation • 250 ms access time powered tray loading double shell-dust-sealed-mechanism

 32k byte built in buffer memory • standard 1/2 hight 5 1/4" internal drive multimedia MPC-2 compliant



Aldus



• IN STOCK • IN STOCK • IN STOCK IN STOCK •

**Edutainment CD 16** 

Sound Blaster

Double Spin CD ROM
 Sound Blaster 16 Sound Card





VESA 486dx66 INCLUDES: 8MB RAM • 340MB Hard Drive • 14' SVGA NI MAG Monitor

 DOS 6.2.1 Windows 3.11 VLB 1MB Video Card

1.44MB 3.5' FDD 1.25MB 5.25' FDD · VLB IDE I/O Card

Mid Tower Case







Apple Macintosh Quadra®





# Getting to do the work is the real award—Wunderlich

By Barry McDonald

tetting to do the work was the real award for me," Elaine Wunderlich said recently about receiving the Commander's Award. "I was very surprised when I got the award, and it made me feel that in some small way I've contributed to the mission of the base. It's important to feel a part of the team, and I've been fortunate in my 23 years here to have always had that feeling. It doesn't matter that I'm not a scientist-I feel I've helped make a difference."

Presented for RAdm. Dana B. McKinney, NAWCWPNS commander, at the May 9 site meeting, by Vice Commander Capt. Roger K. Hull, the award recognized Wunderlich's "dedication and zeal in the Navy's technology transfer program" as head of the Commercial Applications and Transfer Office from its formation until January 1994, when she became head of the Financial Management Division in the Comptrollers Office. The citation specifically noted Wunderlich's efforts in managing and coordinating "CRADAs (cooperative research and development agreements) such as the Software Applications and Computer Networking; Embedded Computing Institute; and the Information Module on the Markov Process."

In all, the office has steered 14 CRADAs into place and those mentioned in the citation represent milestones or firsts in the technology transfer community. The office has collected other firsts along the way, and Wunderlich was quick to point out that those accomplishments were team accomplishments.

The "immediate" team included members of her office and those in the Government and Industrial Liaison Office. The two

offices have shared space opposite the Management Center in Michelson Laboratory since 1992. She said of the five players in the combined team, "The government probably got the work of seven or eight people out of us. Martha Harrington has been involved from the start. She wrote the technology transfer instruction when she was a paralegal in the office of the patent counsel, and she facilitated many of the CRADAs now in effect. Some of those CRADAs took more than a year to complete...you just have to keep talking, keep calling, keep writing, and going back multiple times. Martha never gave up on any

George Linsteadt, who was the first head of the Industrial and Government Liaison Office, retired just about the time the transfer office was forming. "It was disappointing to see George leave just as we were get-

ting established, because he had worked so hard to get recognition for tech transfer, and because we knew his expertise would be so valuable," she said. "But we couldn't believe our good fortune when Chuck Newmyer was chosen to replace George. Chuck's background in dealing with manufacturers was a real plus."

After Newmyer retired as head, Bernie Wasserman, who "was a dynamite scientist," brought his own style of enthusiasm and drive to the effort, she said.

The secretaries of the two offices-Jerrie Peterson and Bonnie Richardson-did more than just clerical



CONGRATULATIONS are offered to Elaine Wunderlich by Capt. Roger K. Hull.

work, too. "They got so involved that they could answer substantive question's about the program over the phone, which freed Martha and me up."

The two offices are part of the Technology Advancement Group, which was once headed by Wunderlich's late husband Jon.

"Jon was an inspiration in so many ways." she said. "He was very helpful in allowing me to see the big picture and was convinced in the value of the program. That meant a lot to me. Now that he's gone, it's one more thing I can look back on that we shared and believed in. Her gratitude and recognition stretches beyond those in the immediate tech transfer family to the legal and technical team members and to those who helped establish the office.

She explained that the seed was planted when she

Jon Unpingco felt her education (BA and MA in business) and financial background (having worked in the Comptroller's Office) would complement patent counsel Mel Sliwka in his work and cooperative effort with George Linsteadt's office. So the two of them started working together, and from that time on, Wunderlich explained, the patent attorneys have played an extremely important role in technology transfer endeavors. When it became apparent, that there should be an

worked as a program analyst in the Office of Counsel.

effort dedicated specifically for tech transfer, upper

management came aboard with support and the office was established. She said succeeding managers have been just as supportive.

"We got support all the way down the line," she said. "We were never told 'no.' And getting industry partners interested in cooperative agreements was easy, because China Lake is so well known in the scientific and technological communities for it's wealth of talent and top notch products.

When it came time to put the offices together they got a prime location in Michelson Lab, where most of the technologists worked. And she said because some of the people at TID became personally involved with the cause they were the first in the field to have a promotional brochure, a professional exhibit and an informational video.

"So when I say a team effort, I mean everybody involved," she said. "They pulled together in typical China Lake style, and everyone gave 100 percent, all the

She repeatedly came back to one theme: the important thing was the work itself. She remembered the time she and Newmyer went to talk to a small contractor about a CRADA. "It was a man and his son and

one laborer in one of those small industrial centers with uphoistery shops and other small businesses," she said. "We sat at a card table in the parking lot on folding chairs and made the deal. And when we were done and suggested he have his lawyer look it over, he said, 'It looks good to me, let's shake on it.' Now that's America...the small businessman. Those are the people we want to help make it with tech transfer. Oh, sure we want to help the Apples and America Cyanamids out there, but its really nice to be able to share technology with the small companies, too.

"American taxpayers have invested billions in the technical research facilities in the Department of Defense. Why not let American companies share in the benefits of whatever research they can?"

# SECDEF signs memo expanding agency waiver authority

Defense Secretary William Perry signed a memo expanding regulation waiver authority for services and defense agencies.

In addition, the memo encourages service secretaries and defense agency directors to waive regulations within

The memo is a part of the Clinton administration's effort to reinvent government. In 1993 the administration charged the Pentagon with cutting internal regulations by 50 percent.

"The president and vice president have charged us to 'radically change the way the government operates-to

shift from top-down bureaucracy to entrepreneurial government." the memo says.

Under the memo's guidance, service secretaries and directors of defense agencies can waive any requirement contained in a DoD directive. They cannot waive directives required by law, and they must coordinate with the defense secretary or deputy defense secretary or with the responsible staff principal. This memo is aimed at activities being streamlined or re-engineered by the Defense Performance Review in support of the National Performance Review.

Only the defense secretary or deputy defense secre-

tary can deny requests for waivers.

Perry said he expects those responsible to act on requests for waivers within five working days of receiving them. The Defense Performance Review office in the Pentagon will track all waivers. Officials at the office said many requests for waivers have already been

"While top priority for such waivers should be on those activities underway in support of the National Performance Review, I urge you to be as comprehensive as possible in implementing the president's and vice president's vision," Perry wrote.

# Lowest Prices In Ridgecrest. For Apple, Compaq, Dell, IBM, Silicon Graphics And More...



Total System Price: 52456

A 1 8 M .		# 100
Apple® Macin PowerBook®	tosh	Apple PowerPools
4 MB/240 ME	540 HD	540
4 MID/ 240 MI	1166-410	aunica
527	49	理理的
LI	-1	

<sup>3</sup> 1944	141
Power Macintosh™ 6100/60 8 MB/250 MB HD/CD-ROM 3601-612	51944
Apple 14" Trinitron Color Display 1355-024	3339
Apple Extended Keyboard 1145-002	5148
	12421

CADA

Total System Price: '2431





**Falcon Is Certified** A Small Business.

**Over 20,000 Products** 

400+ Vendors

**All Major Brands** 

**Employee Purchases** 

**New And Used Sales** 

Ilogo 💆

Microsoft

Office For Macintosh



If you need computer gear, call Falcon Microsystems for the best price in Ridgecrest. With our buying power, nobody beats our rock-bottom everyday low prices. Not superstores. Not specialty shops. And especially not those "promise-you-the-moon" mail-order outfits.

What's more, all of our prices are lower. Falcon makes sure you save on your total order, not just on a few specially-priced items.



4 MB PowerRam

For the best brands and the best prices, call Falcon, your best source for multiplatform hardware, software, and networking products. We're located right here in Ridgecrest, at 730 North Norma Street, Suite A. Reach us at the number below, via fax at 619-375-4448, or via the Internet.

Falcon accepts I.M.P.A.C. VISA, VISA, and MasterCard.

619 • 375 • 7771

tammy\_le\_veque@ falconmicro.com



**Total System Price: 52005** 

THE BEST BRANDS.

THE BEST PRICES.

# NAVAIR receives the President's Award for Quality for second time

By VAdm. William C. Bowes Commander, Naval Air Systems Command

t is with great pride that I announce that President Clinton has formally Lapproved the Naval Air Systems Command the Naval Aviation Systems Team as recipient of the 1994 President's Award for Quality.

This distinguished quality award is being presented to only one government organization this year. We are the only organization to have won this award a second time and are one of three organizations in the federal government to have received this award. Considering the rigorous criteria and judging involved, your victory is no small achievement. It is testimony of the dedication, creativity and level or excellence you and all of our people emulate in all aspects of TEAM performance. This was, in the truest sense, a team effort.

We have made significant progress since first receiving the President's award in 1989, and are recognized as government leaders in the implementation of Total Quality Leadership. This award recognizes a significant milestone in our quality journey. But it is not the end of our quality journey, and we shall continue to look for ways to improve in everything

I thank all of you for the countless hours you have dedicated toward improv-

Pentium

The 60MHz Pentium is many times faster for

ing our processes and, ultimately, the quality, cost and timeliness of our products and services. Clearly taking the time to analyze our processes and search for ways to improve is of critical importance as we face the challenges that lie ahead. We must continue to create ways to increase the efficiency and quality of our work, as our road to success will be paved by the satisfaction of our customers. The President's Award proves that each of you understands the vital role quality efforts play in realizing our goals for the future.

I would like to send special thanks to those of you who were responsible for preparing the award application package, organizing the site visits, meeting with the examiners and to those of you who made the significant improvements that we so proudly showed to the examiners. I recog-

nize that a tremendous amount of work went this process. When we entered the competition it was to help us improve and to get an outside assessment of our progress to date. Winning this award makes your efforts even more significant.

Congratulations again on receiving one of the most prestigious awards in government. You can be extremely proud of what we have accomplished as a team.

#### Quality award presentation ceremony set for July 13

The Presidential Award for Quality, comparable to the Malcolm Baldrige National Quality Award for the private sector, will be preented to NAVAIR in a ceremony at the Seventh Annual National Conference on Federal Quality in Washington, DC, on July 13.

President Clinton announced this year's winner in a letter to Secstary of Defense William J. Perry. "NAVAIR has given us a valuole model for the transformed government we are striving to mild" the President said.

"Faced with the turbulence of a rapidly changing mission and a nrinking budget, NAVAIR undertook a total systems change, to igorously reinvent itself," said Michele Hunt, director of the Feder-Quality Institute (FQI). "By so doing, NAVAIR provides high uality service to its customers at reduced costs, and with higher aployee morale and productivity. It has made itself the ultimate ference point for quality within the federal government." FQI lministers the President's Quality Award Program, which also cludes the Quality Improvement Prototype (QIP) Award.

The Command has successfully pursued quality while undergoig a major downsizing effort. The organization is expected to trink to about 33,000 employees by 1999. NAVAIR's accomplish-

· Decreased the number of days to approve a weapon system gineering change from 150 in FY91 to 65 in FY93.

· Reduced processing times for major procurement requests by 59 percent since FY91

· Maintained a 99 percent quality index (measuring efficiency, timeliness, cost, etc.) at the Naval Aviation Depot at Cherry Point, North Carolina. Cherry Point won the QIP Award in 1988 and 1993.

• Reduced F14 maintenance costs by \$400,000 per aircraft and reduced a 52-week service backlog to two weeks at the Naval Aviation Depot in North Island, San Diego.

· Eliminated ozone depleting substances at the Naval Aviation Depot in Norfolk, Va. The recycling program reduced wastewater by 35 percent and hazardous waste disposal by 61 percent, saving over \$600,000 in treatment costs.

FQI received applications from one civilian and three military organizations for the 1994 Presidential Award, according to Dick O'Brien, administrator of the award program. The examination was conducted by 19 quality experts from eight private companies and 11 federal organizations. Two private sector judges were also judges this year for the Baldrige Award.

The standards and examination are rigorous. Only two other organizations have won the Presidential Award since it was established in 1989. The Air Force Logistics Command at Wright-Patterson Air Force Base, Ohio, won in 1991 and the Internal Revenue Service Center in Ogden, Utah, won in 1992.

# New HP

floating-point & at least twice as fast for other processing as a 66MHz 486. A complete system: Intel 60MHz Pentium (add \$199 for 66MHz or \$499 for 90MHz): 4MB RAM, VESA high-performance hard-disk controller, 210MB high-performance hard disk, parallel & serial ports, 1024 x768x256 color 14" VGA display & VGA card, 1.2MB/360K & 1.44MB floppy drives, full tion Enhancement technol- HP DeskJet 560C tower case, Windows 3.1 (upgrade to Windows for Workgroups \$39.95) & mouse, DOS 6.2, enh. key-

board, 2 empty VESA slots. 3-year, no-hassle parts & labor warranty. Upgrade to Diamond Stealth VESA controller & 340MB hard drive only \$149.

only \$2,249

**DeskJets** Hewlett Packard's newest DeskJet printers

are available now. With all the features and reliability of their predecessors plus 600x300dpi with Resoluogy, 14 TrueType scalable fonts, six other built-in fonts and lots, lots more. We try to keep both these HP DeskJets in stock...

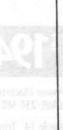
• HP DeskJet 520 just \$299 • HP DeskJet 560C color only \$599

3-year limited warranty

Computer Store

800 US BONDS





• Accessible • Economical RV Storage • Convenient Accessible **BOAT & RV STORAGE AVAILABLE** 

with AMERICAN SELF

STORAGE, you've got the

best for your valuable

professions.

we feature...

At AMERICAN SELF STORAGE

When you store

Call Today! (619) 446-4550 1300 Mahan • Ridgecrest, CA 93555

# RENT TO OWN Furniture Appliances Electronics



- Coffee Tables Mircowaves End Tables • Stoves
- Camcorders Sofas
- Stereos Love Seats
- Washers
- TVs

225 E. Ridgecrest Blvd. • 371-1364

 We can show you how to reach the single most lucrative market in Kern County. We offer services such as copywriting, layout, budgeting and campaign design.

Call Jason Jordan today:

#### FIRE from Page 1

June 30, 1994

local fire by allowing firefighting crews from Oregon, Wyoming and Colorado to land at Armitage Field. The firefighters were then driven by buses to the fire.

The fire began on July 21 behind the Bloomfield Ranch, when a travel trailer on the White Blanket Indian Reservation caught on fire. The trailer fire ignited the surrounding vegetation and spread rapidly through the steep, rocky, inaccessible terrain and into the Bartolas Wilderness area. By Wednesday, July 22, 1,500 personnel were fighting the fire, and the number

of acres burned was estimated at 2,100. Strong winds and high temperatures let the fire burn at will until Thursday, July 23, when air attack and ground support were able to control its spread. The 10- to15-mile-per-hour winds, and air temperatures rising above 100 degrees, made the firefighters' job that much

At the end of the day, 90 percent of the fire was controlled, and the burn area was held at 2,500 acres. Mop-up was started on Friday, July 24, when containment reached 100 percent.



FIRE CREWS from other states streamed off of chartered Boeing 737s last Thursday before bus rides to the fire area.

#### Customer survey will help civilians pick their health insurance plans

The Office of Personnel Manage nent is surveying customer satisfac tion to help rate all Federal Employees Health Benefit Program plans.

Collaborating on the study is the Center of the Study of Services, a nonprofit consumer research organization that publishes Checkbook's Guide to Health Insurance Plans for Federal Employees. The center contracted with each plan to survey a sample of its members, analyze resulting data and provide results to each plan and OPM.

The center worked with survey researchers and health plan representatives to develop the survey. Results will help consumers select plans that meet their needs. Surveys also will help the government administer the health program and help insurers mprove their plans. Surveys went out in mid-May. Nonrespondents will get a reminder postcard. Responses will be confidential.

Survey results will be available during the 1994 open season in

# ESCAPE TO MEXICO!

5 Day packages from Los Angeles Includes Roundtrip Airfare!

Packages include airfare, 4 nights' accommodations, roundtrip transfers, taxes and services of a local Runaway Tours representative.

Call for discount airfares from most major U.S. cities. Airfares based on Sunday/Monday departures. Rates are per person based on double occupancy. July and August rates

Sato Travel

A Full Service Travel Compan (619) 446-7751

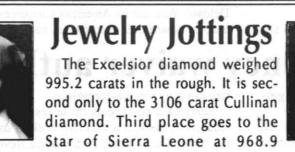
PUERTO VALLARTA 9ust...\$347 Las Palmas Hotel, ocean-view

room. Land-only rate \$81.

MAZATLAN gust... \$372 Riviera Mazatlan, beach section. Land-only rate \$116.

CABO SAN LUCAS Just... \$416 Hacienda Hotel, ocean-view

Land-only rate \$184.



carats...almost seven ounces!

Size has little to do with the enjoyment people get from their fine jewels. We have lovely gems in all sizes, at prices to suit you.

MR. T's Fine Jewelry

Sierra Lanes Plaza

#### 100MHz 486 \$1,999

True Intel DX4 100MHz\* CPU, VESA bus with 16K CPU cache and 256K write-back external cache. Complete system with 256K cache, system & video shadow RAM, 1:1 200MB high-performance hard drive, 4MB RAM, parallel & two serial ports, 1.2MB/360K & 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, Microsoft-compatible mouse, enh. keyboard, Windows 3.1, full DOS 6.2. No-hassle 3-year parts & labor warranty on complete system. Add a fast. 250ms double speed MPC CD-ROM drive \$159 or 250MB tape drive, \$169. Upgrade to VESA hard drive controller & Diamond Stealth VGA cards, \$119. Upgrade to Windows for Workgroups for only \$39.95. Performance: About as fast as a Pentium for regular use and slower than a Pentium for h



#### VESA 66MHz 486 on sale: \$1,549

True Intel OverDrive 486 CPU plus VESA bus makes this a very fast 486: as fast as or faster than everything (including true 50s & DX2s). 8K on-CPU cache plus 256K fast write-back cache and system & video shadow RAM all work to improve performance. Complete system with 200MB high-performance hard disk, VESA high-performance harddisk controller, 4MB RAM, one parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024 x 768 x 256-color VGA monitor & veryhigh-performance VESA VGA card, Windows 3.1 & mouse, full DOS 6.2, enh. keyboard. No-hassle 3-year parts & labor warranty on complete system. A fast 250ms double speed MPC CD-ROM drive, \$159. 250MB With any of these tape drive, just \$169. Same system but nonVESA is just \$1,499.

upgrade to: 340MB hard dis

drive. \$69 8MB RAM, only \$159 (limited time Windows for Workgroups

40MHz 486 only \$1,399 Complete system with 40MHz 486 CPU, 256K cache, 4MB

RAM. 200MB high-performance hard disk drive, parallel & two serial ports, 1.2MB/360K & 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, MS-compatible mouse, enhanced keyboard, Windows 3.1, full DOS 6.2. Super cases: your choice of high-end towers or baby tower, desktop or rack (rack case costs more). No-hassle 3-year parts & labor

Computer Store

varranty on complete system. Add a fast, 250ms double speed MPC CD-ROM drive, \$159. Add a fast 250MB tape drive for just \$169.

# Minthorn hopes effort will send message about the importance of involvement in production cycle

By Barry McDonald

n a small ceremony at the China Lake Propulsion Laboratory (CLPL) conference room one month ago. Sterling Haaland made an award presentation the reason for which the recipient hopes will send a message about the importance of the government becoming more involved in the weapons programs production cycles. The Deputy Commander's Award for Research and Development went to Martin Minthorn for his technical contributions to the identification and resolution of production problems with the rocket motor of a major missile system.

Haaland wrote in the citation, "Your efforts have saved the government money and, more importantly, precluded the possibility of defective motors entering the fleet."

While it had not been NAWCWPNS' responsibility to monitor the production of the rocket motor in question, the Solid Propulsion Branch in the Ordnance Systems Department became involved roughly three years ago when the program office requested its support in a dispute with a contractor over rejected

The branch developed a failure scenario showing a potential for a motor blowing up on ignition, which could result in the loss of an airplane and a pilot. A more thorough investigation into the production process led to the conclusion that there were problems that needed resolution. About the same time, the contractor experienced a violent explosion of a cold lot acceptance test motor, and production was immediately shut

Minthorn was credited with taking an active role in defining the problems, instituting fixes, installing new quality assurance procedures, defining and directing a requalification program, requalifying the contractor, overseeing resumption of production and continuing to assist the contractor.

"In spite of initially strained relations between the contractor and the Navy, and the fact that Mr. Minthorn had no authority to direct the contractor's efforts, everything was accomplished," wrote John Robbins, head of the Propulsion Systems Division, in the award nomination. "By great dedication and



KUDOS—Deputy Commander for R&D Sterling Haaland presents award to

calm, logical approaches to problems, personal persuasion and commanding respect, Martin Minthorn was a primary influence in getting the contractor to adopt a new policy of statistical process

control and institute a quality assurance program of continuous improvement of motor production processes...(He) has built a well-deserved reputation as one

Please see MINTHORN, Page 19





- UNCERTAIN ECONOMY
- **Higher Taxes**
- Lower Yields
- Volatile Financial Markets?
- THE SOLUTION:
- Personal & Business Financial Planning

Call Today! 446-3544

YOUR TRUST, AND THE SAFETY OF YOUR ASSETS, IS PRIMARY

INDIAN WELLS VALLEY INSURANCE



# Frequency of juveniles setting fires is on the rise at China Lake

than a destructive act—it's

By Lanna Aguilera NAWS China Lake Fire Division

aising children is often a challenge. But the parental enterprise may never be tougher than when a parent learns a child has begun setting

Children as young as two or three years of age can set a fire. Nationwide,

children vounger than age nine are implicated in a large proportion of all fires which are deliberately set.

June 30, 1994

Sometimes, a fire set by a juvenile burns itself out and does little or no damage. However, they may claim lives, cause lifelong pain and disfigurement, and destroy homes and property.

The China Lake Fire Division has responded on two documented incidents of juvenile firesetting in 1992 and six documented cases in 1993. This may not seem like a large number, but even in a small community like ours, the frequency of children setting fires is on the rise.

In other words, juvenile firesetting is a serious topic. When a child starts a fire, it's more than a destructive act - it's an attempt to communicate. In well-adjusted children, particularly the very young,

firesetting may communicate only the need for fire safety education. For a child under emotional stress, firesetting behavior may be a desperate plea for help.

A well-adjusted child may set fires out of simple curiosity. Fire can be a fascinating thing as it glows and dances before young eyes, and smaller children may have no concept of fire's destructive power. Often, curiosity firesetters

respond to simple fire education -Juvenile firesetting is more learning what fire is, and how it can hurt, and how to an attempt to communicate. practice fire safety. The normal age

> range for curiosity about fire is from two to seven years old. However, not all juvenile firesetting arises from simple curiosity. Authorities note the following "warning signs" of a problem firesetter: child has set several fires; child seeks out and collects fire-setting tools; child uses fire to receive attention; child uses fire to hurt animals or other children; and child seems overly fascinated with fire.

If a child you know displays some of these warning signs, immediately seek help from your fire department or a mental health professional. This kind of firesetting is not a "phase" that children go through. It's a cry for help-a cry that can become deadly if it isn't answered.

#### **President Bill Clinton wishes** everyone a 'Glorious Fourth'

When this nation was new, Americans called our anniversary of independence "The Glorious Fourth." The Fourth of July was a momentous day to members of the Revolutionary War generation. That generation was well aware that many citizens of the "old world" looked upon the United States as an experiment bound to fail. Few could conceive of a country ruled not by a king or an aristocracy, but by the will of its people. They believed the vocal opposition that thrives in a democracy would soon lead to grater conflict and ultimately to dissolution. Today, on the 218th occasion of this country's birth, nations the world over are embracing the blessings of democracy. America's once-unique brand of govrnment has prospered.

The 1990s signify a new beginning for the United States. A long and costly Cold War is over. Now, as military missions change, the Armed Forces are also changing to meet the new challenges that the 21st Century will present.

The United States could not have survived and thrived without the dedicated men and women of our Armed Forces. Under civilian control, the Army, Marine Corps, Navy, Air Force and Coast Guard stand ready to defend our precious freedoms at a moment's notice. In the ear-

liest days of our republic, soldiers explored the countryside, opening vast areas of the continent Sailors flew the American flag in every port the world over. These proud citizens braved the threats of foreign enemies. They proved that our democracy could withstand even the devastation of civil war. Whether in securing our own shores or in preserving freedom for peoples around the glove, the United States Armed Forces have proven, time and again, to be the finest fighting force ever

Whatever obstacles we face, whatever foe confronts us, our citizens rest safely in the knowledge that they are protected. On behalf of all Americans, I thank you

Best wishes to all as we celebrate this year's "Glorious Fourth."

Pris Clintan

Reminder: Use of fireworks is illegal at China Lake

# Direct LAN connectivity for your printers

using widely supported enterprise-wide industry printing standards

#### **Enterprise-Wide Printing**



It's a matter of standards. HP, IBM, Microsoft Novell and other industry leaders have been developing printing standards for over a decade. Among

Simple Network Management Protocol (SNMP):
 SNMP enables an administrator to monitor printers or plotters anywhere on the network, configure printers and plotters from a remote PC, view the current status of printers and plotters on the network, update, diagnose, read

wiew the current status of printers and plotters on the network, update, diagnose, reac messages, check job queuing, print test pages, and much more.
 Automatic language switching: The ability of a printer to intelligently switch between page description languages, typically enhanced HP PCL 3 and PostScript Level 2 Software from Adobe, as it receives the print job.
 Automatic I/O switching: The ability of a printer or plotter to intelligently switch between active ports, such as an MIO (see MIO below), serial or Bi-Tronics parallel port, when a data stream is detected.

Automatic network switching: Allows the printer to automatically switch between print jobs being sent from LANs using different network operating systems and protocols. For example, in an Ethernet environment the printer supports HP-UX and SunOS (TCP/IP), as well as NetWare 3.1 and Windows NT (IPX/SPX and LLC/DLC).

. MIO: Modular I/O. An expansion slot on an HP peri that accepts the enhanced network interface cards. HP's advanced printer and plotter offerings, such as the HP LaserJet 4 Plus, 4M Plus & 4Si printers, the HP DeskJet 1200C printer & the HP DesignJet 650C plotters, all have MIO slots. XIO: Expanded I/O. An earlier version of the expansion slot developed for the HP LaserJet III, IIID II & IID printers.

and lots more (see the inset box below for literature).

Free literature: Call or come by and ask for HP's Complete Network Printing Solutions for Every Enterprise: Connectivity Solutions Guide. In addition to technical inon, this 43-page booklet details HP & third-party network interface products and HP & third-party specialty cards such as cards that turn your HP LaserJet into a plain-paper fax. Sharing the MIO specifications with a select group of thirdparty hardware vendors has resulted in a dramatic increase in the number of network solutions available. Now HP JetDirect than 95% of the network environments in use today.



#### **HP JetDirect Cards**

Whether you work in a PC, Mac, or Unix network environment, the solution for connecting printers directly to your LAN is HP JetDirect Network Interfaces. The HP JetDirect cards are part of a complete network printing solution. Simply nstall the appropriate HP JetDirect card into the printer's built-in expansion slot and you are ready to print from anywhere on the LAN.

Hewlett-Packard has an external solution too. Turn any parallel-based printer into a network printer by connecting an HP JetDirect External Network Interface to the parallel port on your printer.

HP JetDirect family of network interfaces' features include...

- connect directly to your Ethernet or other\*
- great location flexibility—doesn't have to be near a server
- · ease of use and manageability
- · support for all major network operating
- support industry printing standards
- even PC parallel-port connections
- · reduced processing load on network serve · multiple network operating system support\* • installation in just minutes
- · much less expensive than alternatives

 many third-party products are available for HP MIO and XIO slots ..and JetDirect cards are affordable: Most HP JetDirect cards cost about \$300

(some, such as TCP/IP are a bit less and some, such as cards with both BNC/thin Ethernet and RJ-45/10Base-T interfaces on the same card, are a bit more). Call our Phil Rogers for exact pricing: 375-5744.

\*Interfaces available for other protocols/hosts/OSs: AIX. Arcnet. Banyan. BNC/thin coax. Centronic parallel. IBM LAN Server. Local Talk. Microsoft LAN Manager. Mac, Novell, mainframes. VAX/VMS. HP3000/MPE. RJ-45/10Base-T. RS232. SCO. SunOS, TCP/IP. Token Ring. UNIX, Wang VS/DIS, Microsoft Windows NT. Microsoft Windows for Workgroups. Call if you're not listed, there are more available



ved performance, interoperability through automatic protocol switching and support for up to 12 network operating systems as well as manageme capability through support of Simple Network Management Protocol.



## Wellness Program seeks people interested in becoming instructors for HIV/AIDS training

President Bill Clinton signed a directive requiring all Federal employees to receive HIV/AIDS training. The Secretary of the Navy requires a minimum of one hour of training for all personnel by Dec. 1, 1994. The Wellness Program, coordinator of the training, is looking for people who are willing to be trainers for this

The Wellness Program wants to create a pool of trained instructors: people who have a concern for this epidemic. A Bureau of Medicine and Surgery instructor will be here the second week of August to "train the trainers." For civilians, this will be a two-day Red Cross HIV/AIDS Education Instructor Course. Military will receive a third day for Navy policy.

With multiple people trained in the subject of HIV/AIDS, there is more knowledge spread throughout the workplace. It gives us more options for training

Attempts will be make to provide options other than the Station Theater. With multiple trained instructors, work groups might be able to have the training delivered at their work site.

Another possibility is that OPM may be broadcasting a training session, via satellite, that can be transmitted to conference rooms on TVIS.

If you are interested, please contact Betty Miller at

#### Reserve names ombudsman

Washington (NES)-Families of Navy reservists have a new advocate with the appointment of Jeanie M. Hutton of Deer Trail, Colo., as the Naval Reserve Force

Hutton, the wife of a reserve chief petty officer, took the position last fall. One of her first goals as the NRF ombudsman is to set up an infrastructure that will sup-

Hutton's toll-free phone number, 1-800-618-8100, makes her more accessible and responsive to families that need her assistance.

One of the principal tools Hutton has to aid reservists' families is a guide to resources and agencies around the fleet. When people call with a specific problem, she can usually point them toward the help they



# New silver dollars honor POWs, Vietnam veterans and military women

Washington-The contribution made by military personnel in pursuit of international stability was fully acknowledged by Congress last fall with the passage of legislation that encouraged the honoring of, and repayment to, American veterans. That legislation has resulted in the issue (July 29, 1994) of three commemorative silver dollars honoring prisoners of war, Vietnam veterans and military women. It now provides a constructive means for these veterans to receive the highest tribute of all: remem-

June 30, 1994

Each of the silver dollars issued by the United States Mint includes a S10 surcharge. Surcharge proceeds will directly benefit three memorial projects, which will serve as permanent legacies for future generations. The projects are repairs to the Vietnam Veterans Memorial, creation of a POW museum and

establishment of a memorial to military

In accordance with the authorizing legislation, only 500,000 of each silver

valid on orders post-marked on or before Sept. 9. dollar will be produced and no coins will be minted after April 30, 1995. A three-

The three-coin set pre-issue proof price is \$79 and the uncirculated set is \$75. They will go to \$91 and \$87, respectively, after Sept. 9. Each coin pre-issue proof is \$31 with the uncirculated price of \$27. After Sept. 9 coins will go for \$35 and \$32, respectively.

coin set and individual coins may now

be ordered, and discounted prices are

The U.S. Veterans Commemorative Silver Dollars may be purchased by calling 1-800-777-VETS or by writing: Customer Service Center, United States Mint, 10001 Aerospace Road, Lanham, Md. 20706.



for Level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position.

#### DOD EMPLOYEES, CALIFORNIA RESIDENTS ONLY

No. 6313-003-4, (3) Telephone Mechanic, WG-2502-10, Information Systems Department, Communications Division, PM Telecommunications Branch NAVAIRWARCENWPNSDIV P6313—Area of Consideration: DOD employees California residents only. Opening Date: 6-2-94. Closing Date: 7-2-94. Selecting Official: Bob Keeling, (805) 989-7400, DSN 351-7400, HRD Contact: Ana I. Anderson, (805) 989-3241, DSN 351-3241. Permanent Change of Station Authorization: Negotiable. Summary of Duties: The incumbent installs and relocates various types of standard telephones, electronic loud speaker telephones, answering units, buzzer systems, loud ringing bells, magneto telephones, terminal boxes and connecting blocks. Installs associated drop wire, protectors, and inside wiring; and runs cross-connects at terminal cabinets. She/he locates and clears trouble conditions; replaces faulty circuit elements; and makes shop repairs on various types of telephones and related equipment. Replaces defective parts, tightens connections, and cleans instruments. Job Element: \*Ability to do the work of the position without more than normal supervision. SCREEN OUT ELEMENT

No. 6313-004-94, (1) Telephone Mechanic, WG-2502-11, Information Systems Department, ications Division, PM Teleco cations Branch, NAVAIRWARCENWPNSDIV, P6313—Area of Consideration: DOD employee California residents only. Opening Date: 6-2-94. Closing Date: 7-2-94. Selecting Official: Bob Keeling (805) 989-7400, DSN 351-7400 HRD 3241. Permanent Change of Station Authorization: Negotiable. Summary of Duties: The incumbent is responsible for testing inside and outside circuits of the system to locate and clear troubles, and to make line tests for new installations Incumbent will be required to test and maintain the various integrated circuits associated with logic circuity of the automatic station identification system. (AIOD). Installs, maintains, and repairs central office and relaying apparatus in accordance with manufac-turer's maintenance manuals. Maintains motor genturer's maintenance manuals. Maintains motor generators, flotrals, and ringing machines, related power, and supervisory equipment by standard approved methods. Job Element: "Ability to do the work of the SCREEN OUT ELEMENT.

#### CURRENT APPOINTABLE DOD EMPLOYEES IN CALIFORNIA

No. P22-001-TS4, (1) Interdisciplinary: Compute Engineer/Electronics Engineer/Computer Scientist, DP-0854/0855/1550-03 (GS-13), Naval Air Warfare Center Weapons Division, Aircraft Weapons Systems Directorate, Aircraft Weap Integration Department/Fighter, Software Systems Engineering Division, P2241—Area of Consideration: Current Appointable DOD Employees in California. Opening Date: 6-2-94. Closing Date: 7-2-94. Selecting Official: Gary (805) 989-9536. HRD Contact: Theres Smith, (805) 989-3322. Permanent Change of Station Authorization: No. Summary of Duties: Incumbent formulates, models, evaluates, advises, or adaptability, and/or operational utility of systems and system concepts. Performs state-of-the-art designs to take advantage of new concepts, techniques, or principles in the research, development, or test and evaluation of new and advanced systems. Quality-Ranking Factor(s): Extensive experience building working) real-time Ada software systems (preferably with TARTAN Ada) in the lead software systems design capacity. Extensive experience as an Ada programmer and software integrator in real-time avionic systems. Experience with VAX and IBM mainframes and avionics laboratory equipment.

No. P22-002-TS4, (1) Electronics Engineer, DF 0855-03 (GS-13), Naval Air Warfare Center Weapons Division, Aircraft Weapons Systems Directorate, Aircraft Weapons Integration Department/Fighter, Avionics Laboratories sion, P2231—Area of Consideration: Current Appointable DOD Employees in California. Opening Date: 6-2-94. Closing Date: 7-2-94. Selecting Official: Hin Chan (805) 989-9018

Contact: Therese Smith, (805) 989-3322 Permanent Change of Station Authorization: No. Summary of Duties: Incumbent plans, schedules, coordinates, and/or conducts detailed phases of echnical work in part of a major project or in a total project of moderate scope. Performs state-of-the-art designs to take advantage of new concepts, teches, or principles in the research, development, or test and evaluation of new and advanced systems. Performs work involving test, reliability, quality, main tainability, evaluation, or product improvement of equipment, subsystems, and/or systems for development, production, test and evaluation, or Flee support. Quality-Ranking Factor(s): Extensive nce in the integration of both hardware and software for a complex system with several major Experience of real-time software design with Jovial and/or Ada high-level languages. Experience in Avionics, Radar, AWG-9, APG-71, and IRSTS systems in fighter aircraft and MIL 1679, MIL 1553 760 software development and electrical standards.

#### NATIONWIDE NAVY EMPLOYEES

No. 6501-005-94, (2) Contract Specialist, GS-1102-12, Naval Air Warfare Center Weapons Division Point Mugu, Services and Information Directorate. Procurement Department. Procurement Division #3, P6530, Point Mugu, California-Area of Consideration: Navy emplo ees, Nationwide. Opening Date: 6-2-94. Closing Date: 7-2-94. Selecting Official: Sam Rainwater, (805) 989-7243, DSN 351-7243. HRD Contact: Ana Anderson, (805) 989-3241, DSN 351-3241 Permanent Change of Station Authorization: tiable. Summary of Duties: The incumber must have experience with RDT&E with contracts greater than or equal to one million dollars. The ncumbent will serve as the principal contracting sor on the F-14 program to customers of the Division, including representation as the Procurement Division authority at conferences and meetings. The incumbent will support the customers, Systems Commands, NAVSUP, and other DOD and ment agencies. Quality-Ranking Factor(s): edge of contracting principles and procurement procedures as they apply to Navy RDT&E programs DAWIA Critical Position: Employee must meet mandatory experience, education, and training requirements for a Level II Contracting Position.

#### **CURRENT PERMANENT DOD EMPLOYEES NATIONWIDE**

Works Department, Housing Division, Facilities Support Branch, P7352—Area of Consideration: Current Permanent DOD Employees Nationwide.
Opening Date: 6-2-94. Closing Date: 7-14-94. ing Official: Eileen Rickard. (805) 989-7250. IRD Contact: Tonya McGraw, (805) 989-3321. enent Change of Duty Station Authorized: No. Summary of Duties: At the target level, the incumbent supervises the day-to-day operations of the Facilities Management Branch of the Housing the work assigned to the accomplished by full time employees, temporary duty military personnel, additional worker trainees, and/or temporary employees. Provides technical expertise regarding housing projects to other functional managers as required to public Works. Plans, directs, and coordinates budgets and schedules maintenance operations for Facility Management Branch. Ensures the continuing short- and long-range requirements of the various projects, including the utility operations services, nance, and repair of dwelling units, mainte nance and replacement of equipment/furnishings and maintenance and repair of other real property. Quality-Ranking Factor(s): Knowledge of housing procedures and workflow to counsel and supervi

No. P73-020-TMC4, (1) Housing Manager, DA-

Notes 1 and 2 apply.

Readvertised due to Pay Plan, Grade, Summary of Duties, and Quality-Ranking Factor changes and also to extended closing date.

#### NATIONWIDE/CURRENT APPOINTABLE DOD

No. P6312-AA-94, (6) Data Communications Equipment Operator, GS-392-5/6/7, Services and Information Directorate, Information Systems Department, Communications Division, Data and Video Branch, P6312. Area of Consideration: wide/Current Appointable DOD Employees Opening Date 6-30-94. Closing Date: 7-14-94. Selecting Official: P. J. Robles, DSN 351-4704.

#### LONG-TERM OFF-CENTER ASSIGNMENT

The following is a 364-day NSTEP assignment in Washington, DC, beginning in August 1994. Only DP-3s and DP-4s in series 801, 830, 855, 861, 1310, 1515, 1520, and 1550 with a minimum of 3 to 5 years of experience at NAWCWPNS are eligible to apply

Staff Assistant, Major Range Test Facility Base Support (N912). This position is located in the Tes and Evaluation Division (N912), T&E Infrastructure Branch (N912R). The incumbent's duties will support the Navy's Major Test Range Facility Base (MRTFB) facilities and related programs and will include but not be limited to: presentations to OPNAV, SECNAV, OSD, Joint Service mmittees, and other appropriate organizations; preparation of and participation in MRTFB budget reviews; coordinating programming documents; liaison with SYSCOM's; reviewing studies related to Navy test resource capabilities; and coordinating responses to congressional and other government inquiries. The incumbent will receive: experience in administering the RDT&E test resource program at the OPNAV level; knowledge of daily OPNAV operations; and short-term training related to OPNAV fiscal

For further information, call present incumbent, William Bruton, at DSN 225-9104 or Dr. Bob Schwartz, nnology Advancement Group (C02501), at 939-3241.

Apply by submitting a current SF-171 to C6201 (Saundra Wydra Building 2335, Room 202, 939-2434) P625 (Genevive Zavala, Building 211, 989-3318) by COB Thursday, 14 July.

#### NAVAL MEDICAL CLINIC, CHINA LAKE JOB OPPORTUNITY

to, NM04191, Industrial Hygienist, GS00690-5/7/9/11, Naval Medical Clinic, China Lake—Area of eration: Appointable DOD employees, Southern California. Opening Date: 6-2-94. Closing Date: Open until filled. Permanent Change of Station Authorization: No. Summary of Duties: The incumbent inspects industrial areas to determine if the correct standards and guidelines are applied to occupational health in the workplace; uses a variety of scientific equipment to determine the extent of everity of exposure to hazardous conditions; minimizes or eliminates worker exposure by designing o instructions associated with the industrial hygiene program. Quality-Ranking Factors: Knowledge of industrial hygiene sampling procedures and techniques,\* knowledge of occupational safety and health egulatory requirement, ability to make industrial hygiene investigations and make recomm Promotion potential is to the GS-11 level

This element will be used as the quality-ranking factor if there are less than 10 qualified applicants.

To apply submit completed SF-171 to Human Resources Office (Code 231), 100 23rd Avenue, Naval Construction Battalion Center, Port Hueneme, CA 93043-4300. Point of contact is Yvonne Langerica at (805) 982-2423/2416. DSN 551-2423/2416.

Permanent Change of Duty Station Authorized: Negotiable. Summary of Duties: The incumbent is the Data Communications Equipment Operator in the message-handling functional area of the Data and Video Branch at the NAWCWPNS Point Mugu. function includes responsibility to the Commander for distribution of all incoming message traffic, adminis-tering the respective support systems, providing ion/training of users, maintaining histor records, and managing code and subject directories. The incumbent performs operation and maintenance of the message distribution system. Quality-Ranking Factor(s): Must demonstrate a thorough familiarity with the Defense Message System including GATE Guard operations, MTF Editor, Message Dissemination Utility, IBM PCs, and is procedures. In addition, must be able to acquire a Top Secret security clearance.

\*No. P73-002-MG4, (1) Environmental Engineer DP-0819-3, Naval Air Weapons Station, Public Works Department, Environmental Division. Environmental Engineering Branch, P7321—Area of Consideration: Current Appointable DOD Employees Nationwide. Opening Date: 6-16-94.
Closing Date: 7-14-94. Selecting Official: Ron
Dow, (805) 989-7412. HRD Contact: Mary Lou rrez, (805) 989-3230. Permanent Change of Duty Station Authorized: Yes. Summary of es: The incumbent plans, schedules, coordi nates, and/or conducts detailed phases of technical work in part of a major project or in a total project of moderate scope. Invents, conceives, plans, and/or and evaluation in problem areas of more than average difficulty and complexity. Formulates, analyzes, models, evaluates, advises, or performs design studies on the feasibility, suitability, adaptability, and/or operational utility of systems and system concepts. Plans, arranges, schedules, conducts, collects data, and/or analyzes results of tests of major technical and organizational impact. Serves as a technical staff specialist and consultant for an organizational group responsible for the application of advanced concepts, techniques, or evaluations. Serves as a technical manager in part of a major program or of a a smaller total program requiring substantial inter-fac-ing, controlling, directing, coordinating, planning, and scheduling across broad organizational lines and interaction with top NAWCWPNS management, sors, other agencies, and/or private industry. Prepares and writes proposals to sponsors soliciting support for NAWCWPNS activities. Quality-Ranking Factor(s): Knowledge of environmental engineering principles and practices.

\*Readvertised due to lack of highly qualified

#### **REASSIGNMENT OPPORTUNITIES**

This column is used to fill positions through

reassignment or voluntary change to lowe grade only. All applications must mee by the Office of Personnel Managemen nformation concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Managemen Advisors. Applications should be filed with the person whose name is listed in the announce ment, i.e., at China Lake the selecting official: a Point Mugu the HRD Contact.

#### REASSIGNMENT COLUMN

#### ALL FOUR SITES

No. C21-008, Computer Scientist, DP-1550-3, (Multiple Vacancies). F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A), C2195—Area of Consideration: NAWCWPNS. Opening Date: 6-30-94. Closing Date: 7-14-94. Selecting Official: Charles Bechtel, (619) 939-5210. HRD Contact: Kym Noh. (619) 939-2393. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: This posi-tion is located in the F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A). The branch computer software for the F/A-18 aircraft. The ncumbent will provide software engineering support for (1) analyzing and documenting aircraft mission system requirements, (2) developing software designs for embedded computers, (3) translating software designs into source code, and (4) testing the resultant embedded computer programs. knowledge of embedded systems software development, DOD-STD-1679A, and DOD-STD-2167A is desirable. Incumbent must have experience in software engineering practices and assembly language programming. The incumbent must be able to work well in a team environment and display effective communication skills and be able to obtain and maintain a Secret clearance. Full performance for this position is DP-3. Duty station is at NAWCWPNS China Lake. Send a current SF-171 to Charles Bechtel, C2195.



# NAVAL AIR WARFARE CENTER WEAPONS DIVISION



#### **ANNOUNCEMENTS**

#### ALL FOUR SITES GENERAL ANNOUNCEMENTS

#### THRIFT SAVINGS PLAN (TSP) RATES OF RETURN

According to the latest TSP fact sheet. the rates of return for the three investment funds were

CFund FFund GFund 1.66% (0.02)% 0.60% Last 12 Months 4.30% 0.62% 6.15% Numbers in parentheses are negative C Fund-Common Stock Index (Stocks) F Fund—Fixed Income Index (Bonds)

G Fund—Government Securities Note: TSP open season has started and will continue until 31 July. Enrollments or changes should be submitted to your PMA Team before the end of June to be effective

#### TRAINING HISTORY DOCUMENTATION

in the first pay period in July.

Employees should ensure that all informal training received is documented in their training information history. Currently, all training approved on a DD-1556 or an on-board course roster is being entered in the NAWCWPNS Training Information

the forms indicated above. This category of training should be documented in order to meet the 40-hour-per-employee training requirement. You may submit this informal training on a "credit only" form, available from P/C622. Credit for on-the-job training, cross-training, self-directed instruction, satellite training, new equipment familiarization, development assignments, etc. may be documented via this method.

To obtain further information or a form, call 989-3995 (Point Mugu) or 939-0870 (China Lake).

#### EXTRA COPIES OF PERSONNEL LISTING

A few excess copies from the initial distribution of the March 1994 listing of NAWCWPNS employees and phone numbers have been returned and are available at no cost. To obtain copies contact Doris Shepherd at 939-3513 (China Lake) or Coralynn Ana at 989-8811 (Point

through Defense Printing offices at both sites as follows: At China Lake: Fill out a Printing and

Reprographics Request at either the Engineering Building Reprographics Shop, Room 3150, or Bldg. 1041 Print Shop. At Point Mugu: Request copies through

the Records Management Office, P6443, Bldg. 36, Room 1058.

Specify two-sided copies printed on three-hole punched bond paper. Print on demand copies will cost approximately \$4.50 each and will be guard mailed.

#### FIP HELP SESSIONS

The Federal Information Processing (FIP) Resources Branch (P/C633) will offer bi weekly help sessions at both Point Mugu and China Lake, titled "Just In Time," for anyone planning to acquire FIP resources (formerly called automatic data processing equipment (ADPE) and anyone who needs to write an Abbreviated System Decision Paper (ASDP). Assistance will be available

System. However, there is a significant When all printed copies are gone, on a one-on-one basis and will be available amount of training that occurs without use of employees may order additional copies at Point Mugu on 6 and 22 July and 3 and 17 August at Bldg. 340A in the mini conference room from 0900 to 1100. At China Lake, assistance will be available on 13 and 27 July and 10 and 24 August at Bldg. 02466, Room 20001B, from 0900 to 1100. Additional dates will be scheduled at both sites as needed. For more information, contact Bonnie Jones at 939-1557.

#### **DAWIA CERTIFICATION AND DP-3 APC APPLICATIONS AVAILABLE**

DAWIA procedures recently announced permit acquisition employees to (1) apply to subsidiary career fields, (2) certify to a higher level in their primary career field, and (3) apply for Acquisition Professional Community (APC) membership at the DP-3

Career field certification applications as well as APC membership applications may be accessed on the C63 Server For additional details and application instructions. contact your head of staff or business

#### CHINA LAKE GENERAL ANNOUNCEMENTS

#### MEDICAL EXAMINATION

Supervisors are reminded that employees who have been sent home as a result of occupational injury or disease must be cleared by the Occupational Health Officer prior to returning to work, regardless of the period of absence.

Employees who occupy positions that have medial standards or specific physical requirements and have been absent from work due to illness, injury, or pregnancy for 5 or more consecutive workdays also must be cleared to return to work by the Occupational Health Officer. If circumstances warrant, a supervisor can require employees who occupy positions with medical standards or specific physical requirements to be examined and cleared by the Occupational Health Officer following a lesser period of absence.

Supervisors will refer employees to the Branch Medical Clinic by completing a Dispensary Permit (OPNAV 5100/9). The employee should ensure that his/her doctor has provided documentation that shows a diagnosis, the date the employee is able to return to duty, and any physical restrictions. If the absence is due to infection or contagious disease, a clearance from the attending physician is required.

#### MAMMOGRAPHY SCREENING

The Wellness Program (C62206) will sponsor a mammography screening for NAWC/NAWS China Lake employees and their spouses. Valley Technological Services (VTS) will have its mobile mammography unit in front of the Administration Building on 8 and 22 July. The cost of the X-ray exam is \$60. Participants must be at least 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology.

To schedule an appointment, call (800) 458-3385.

#### RETIREMENTS

#### MARY WOLVERTON

Mary Wolverton is retiring after 20 years of civil service—4 years at NOL, Corona and the last 16 years at China Lake. A farewell luncheon will be held in her honor at John's Pizza on 30 June at 1100. The High Noon Special and regular menu service will be available. For reservations, resentations, or further information, contact Mikki or Eva at 927-1255/939-3383.

Marie Duff is retiring after many years of federal service. C622 invites all her friends to join in her retirement celebration at the Seafarer Club on 4 July from 1130 to 1300. To make a presentation or reservation, call Pat Nogle at 939-3159 or Lori Ryser at 939-2686 by 11 July.

#### ROGER PECK

Roger Peck is retiring with 34 years of federal service. C622 invites all his friends to join in his retirement celebration and enjoy the High Noon Special at John's Pizza on 2 August. Festivities will be from 1130 to 1300 in the Warehouse. To make a presentation or reservation, call Lori

#### RAY PAGE

Ray Page is retiring from the Safety Office after 25 years of service. A farewell luncheon will be held in his honor at John's Pizza on 1 August at 1130. The High Noon Special will be served. For reservations or presentations, call Sheila or Sue at 939-2314/2386.

LCDR John "Scott" Thompson is retiring. A farewell buffet dinner will be held in his honor on 27 July at the Seafarer Club beginning at 1800. Dinner will be held at 1900 (\$11 per person) and presentations will begin at 2000. To make reservations, presentations, or gift donations, call Rita or Sherri at 939-5464/5037 by 20 July (C871).

#### ROBERT D. GLENN

Robert D. Glenn (C2156) is retiring after over 32 years federal service. A farewell luncheon will be held in his honor at John's Pizza on 27 July at 1100. The High Noon Special and regular menu service will be available. For reservations, presentations, or further information, contact Barbara at 939-0369.

Dave Benson is retiring after 24 years of government service. A farewell luncheon will be held in his honor at John's Pizza on 26 July at 1100. The High Noon Special and regular menu service will be available. For reservations, presentations, or further information, contact liene Welfl at

#### CDR WARREN G. SEAL

CDR Warren G. Seal is retiring after 32 years of active duty in the Navy. A farewell luncheon will be held in his honor at John's Pizza on 22 July at 1100. The High Noon Special and regular menu service will be available. For reservations, presentations, or further information, contact liene Welfl at 939-6108/9.

#### CHARLES A. HAWTHORNE

Charles A. Hawthorne, Head of the Radar Warning System Branch (C2381), is retiring after 36 years of service. Friends and co-workers are nvited to a retirement dinner honoring him at the Carriage Inn on 26 July. For reservations, presentations, and gift donations, contact Sherry o

#### LCDR CHRISTOPHER M. CLEAVER (BEAV)

LCDR Christopher M. Cleaver Is retiring after 18 years of active duty in the Navy. A retirement luncheon will be held in his honor on 13 July at 1100 at the Santa Fe Bar and Grill. To make reservations, gift donations, or presentations, call Tracy Adams at 927-0048 by 11 July.

2B

#### **CSUC COMPUTER SCIENCE** ADVISING

Dr. Orlando Madrigal of Cal-State University, Chico, will be at China Lake on 8 July to advise current and prospective students in the external degree programs offered by the school in computer science. The programs lead to bachelor's and master's degrees. To schedule an appointment with Dr. Madrigal call Denise at 939-2648.

#### **ACADEMIC PROGRAMS AT** CHINA LAKE

NAWCWPNS China Lake sponsors the following academic programs on-site: BS and MS in computer science through California State University, Chico; MS in engineering (options in electrical, mechanical, and systems engineering) through California State University, Northridge; and BS in business administration and MS in administration through California State University. Bakersfield (CSUB). For more information. call Cecil Webb at 939-0878.

#### CERTIFICATE PROGRAM IN **ENVIRONMENTAL MANAGEMENT**

CSUB also offers a certificate program in environmental management at China Lake. The certificate program consists of four 5-quarter unit courses. The cost on a perperson per-course basis is \$400 for an undergraduate course and \$425 for a graduate course. To obtain a brochure or information on the program, call Cecil Webb at 939-0878.

#### LIBRARY PATRON AMNESTY WEEK Attention: All Technical Library Patrons. If you have overdue or "lost" materials from the Technical Library that you have been

dreading to return, have no fear-the week of

11-15 July has been set aside as Patron

all materials with no questions asked. You will even receive a coupon good for one free interlibrary loan (one to a customer). This is a deal you cannot afford to pass up. Start cleaning out your closets and bookshelves now.

#### CALL FOR MARINE AVIATION DETACH-MENT (MAD) PROPOSALS

Amnesty Week. That is right-you can return

Engineers, scientists, technicians, and others with ideas and projects with potential for solving problems specific to the Marine Corps are invited to submit proposals by 28 July for review. Proposals for Landing Force Technology programs, both 6.2 (exploratory development, small-scale proof-of-concept) and 6.3A (advanced development) are needed. A team from the Amphibious Warfare Technology Directorate at Marine Corps Systems Command, Quantico, Va., will visit China Lake in the fall to review the proposals. This will be the only call for proposals from NAWCWPNS China Lake. It is hoped that high value approaches to solve current and future technical problems will be forthcoming

in the critical need areas outlined below. Departmental representatives have already been briefed on the critical technology needs of the Marine Corps in prior meetings (via the Marine Corps Technology Coordination Committee). In general, the department technology base coordinators are good contacts for this information, as well as Col. Richard Chambliss, executive advisor for Marine Corps Programs (C0013) at 939-6603, or Stacey Howard, Technology Advancement Group, at 939-3544.

The following criteria will be used to assess proposals before they are briefed to the Quantico visitors:

#### General criteria:

INTER STATION CHITTIE CERVICE

· Innovative ideas that meet a specific Marine Corps need.

#### Laboratory criteria:

- · Is the effort technology strong, a real technical issue to be resolved?
- · Will the effort be considered high risk?
- · Is there need for integration to
- operational units as part of effort? · Are there unique payoffs to the Marine Corps?

The following topic areas are of critical interest to the Marine Corps technology program at this time:

#### Targeting sensors:

- BDA techniques that automate cueing
- and direction finding; Image magnification for night operations;
- · Multiple-target understanding for close targets at medium to long range;
- Multimode-sensor image registration techniques:
- · Automatically selectable adaptive
- multispectral data-fusion techniques: · Obscurant piercing techniques and
- modeling-MMW or IR; Real-time signal-processing battlefield
- sensors/processors; and · Rapid multitarget discrimination at the
- individual/platform level.
- Weaponry:
- · Target marking for improved visibility for night attack:
- · Solve time of availability problem for time-dependent markers:
- Mark for type of target;
- Grenade/mortar-size non-lethal weapons for embassy guards/special operations;
- · Effective/low-power speed of light weapons;
- Technology for incapacitating weapons;
- · Long-term batteries and power sources; · Improved incendiary rounds, more
- fire-starting materials per round:

- June 30, 1994
- · Technology for fewer/lighter rounds; and · SRAW-type weapon for flame and smoke

#### Mine detection and countermeasures:

- · Passive mine detection techniques. standoff-
- · Individual soldier in stride monitoring/ breaching of mines:
- · 3D long-range radar/buried mine detection:
- · Standoff mine breaching technology;
- · Shallow water mine clearing;
- · Classify minefields and marking; and
- · Autonomous mine detection with robotics/Al/UAVs

The proposals will be evaluated by the above criteria, and further conversations will be necessary to prepare for the Quantico visitors. It is requested that a single-page description of each proposal include the following headings:

- a. Introduction/need/technical problem
- b. Technical status/issues to be resolved/ unique idea
- c. Expected payoff/impact of effort
- d. Approach and planned work by year e. The team players, experience
- A guad chart for each proposal is also requested and must include the following: too left-photo or drawing of approach; top right-summary of technical problem, technical issues; bottom left-summary of approach to resolve issues; and bottom right-major milestones by year.

For further details on requirements and other information, contact Howard, Chambliss, or the department technology coordinators. Regardless of the time of year, the call for high-value approaches to solve critical Marine Corps technology issues is always open. Guard mail, hand carry, or · Defeat advanced forms of reactive QuickMail all proposals (description/quad chart) to Judy Talbot, C0013, 939-6603.

#### POINT MUGU GENERAL ANNOUNCEMENTS

	MORNI	NG RUN		BURE					AFTERNO	ON RE	TURN F	IUN				
SHUTTLE SE	RVICE ROUTE 1							SHUTTLE SE	ERVICE ROUTE 1							
BUS DEPART	S FROM BLDG. 3							BUS DEPART	TS FROM BLDG. 65							
		DEP	DEP	DEP	DEP	DEP	DEP			DEP	DEP	DEP	DEP	DEP	DEP	DEF
BLDG. 3	SECURITY	0630	0700	0730	0800	0830	0900	BLDG. 65	SUPPLY	1455	1525	1555	1625	1655	1725	175
BLDG. 211	HRD	0635	0705	0735	0805	0835	0905	BLDG. 513	<b>ENVIRONMENTAL TEST BR</b>	1456	1526	1556	1626	1656		175
BLDG. 1	CO NAWS	0638	0708	0738	0808	0838	0908	BLDG. 512	13TH STREET	1457	1527	1557	1627	1657	1727	- 1000
BLDG. 5	MEDICAL/CLINIC	0639	0709	0739	0809	0839	0909	BLDG. 50	RANGE INSTR SYS	1458	1528	1558	1628	1658		175
BLDG. 333	TARGETS	0642	0712	0742	0812	0842	0912	BLDG. 365	A/C HANGAR/GRUMMAN	1500	1530	1600	1630	1700	1730	180
BLDG. 372	VX-4	0643	0713	0743	0813	0843	0913	BLDG. 3008	ELEC WARFARE SYS	1502	1532	1602	1632	1702	1732	180
BLDG. 339	AIR TERMINAL	0644	0714	0744	0814	0844	0914	BLDG. 339	AIR TERMINAL	1503	1533	1603	1633	1703	1733	180
BLDG .3008	ELEC WARFARE SYS	0645	0715	0745	0815	0845	0915	BLDG. 372	VX-4	1504	1534	1604	1634	1704	1734	180
BLDG. 365	A/C HANGAR/GRUMMAN	0647	0717	0747	0817	0847	0917	BLDG. 333	TARGETS	1505	1535	1605	1635	1705	1735	180
BLDG. 50	RANGE INSTR SYS	0649	0719	0749	0819	0849	0919	BLDG. 5	MEDICAL/CLINIC	1508	1538	1608	1638	1703	1738	180
BLDG. 512	13TH STREET	0650	0720	0750	0820	0850	0920	BLDG. 1	CO NAWS	1509	1539	1609	1639	1709	1739	180
BLDG. 513	ENVIRONMENTAL TEST BR	0651	0721	0751	0821	0851	0921	BLDG. 211	HRD	1512	1542	1612	1642	1712	1742	181
BLDG. 65	SUPPLY	0652	0722	0752	0822	0852	0922	BLDG. 3	SECURITY	1517	1547	1617	1647	1717	1747	181
SHUTTLE SE	RVICE ROUTE 2							SHUTTLE SE	ERVICE ROUTE 2							eordis
BUS DEPARTS	S FROM BLDG. 3							BUS DEPART	TS FROM BLDG. 7020							
BLDG. 3	SECURITY	0630	0700	0730	0800	0830	0900	BLDG. 7020	MISSILE WPN SUPPLY CEN	1455	1525	1555	1625	1655	1725	175
TRL. 72	TRANS DISPATCH	0637	0707	0737	0807	0837	0907	BLDG. 5-1	TRAINING	1458	1528	1558	1628	1658	1728	175
BLDG. 74	A/C ENGINE SHOP	0640	0710	0740	0810	0840	0910	BLDG. 74	A/C ENGINE SHOP	1459	1529	1559	1629	1659	1729	1759
BLDG. 5-1	TRAINING	0641	0711	0741	0811	0841	0911	TRL. 72	TRANS DISPATCH	1502	1532	1602	1632	1702	1732	180
BLDG, 7020	MISSILE WPN SUPPLY CEN	0644	0714	0744	0814	0844	0914	BLDG. 3	SECURITY 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1510	1540	1610	1640	1710	1740	1810
		SEE TO						VISTA BUS S	CHEDULE							
										CAMA	RILLO					
			oneya oneyajiu seryajiu					ARRIVE POIL DEPARTS PO		0655 1525	0725 1555	0755 1625	0825 1655	1725	1755	1825
										OXNA	RD					
								ARRIVE POIL	T MUGII	0630	0700	0730	0800	0830	0900	

June 30, 1994 **7B** 

#### **OPERATIONS DIVISION NEWS**

#### APPLICATION PROCEDURES

Applications must be received at the Human Resources Department (HRD) Reception Desk, at any site, no later than 5:00 p.m. on the closing date of the announcement. Individual 171s must be submitted for each vacancy. LATE APPLICATIONS WILL NOT BE ACCEPTED UNLESS ON APPROVED LEAVE, TDV, ETC. THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. Please make a copy of your SF-171 application for your own retention before you submit it. (Only applications with original signature and date will be accepted.)

Submit a copy of your latest narrative performance assessment/appraisal of record with any application filed against a vacancy announcement. If the assessment/appraisal does not clearly state the tradeclaries confirmed.

rformance assessment/appraisal of record with any application filed against a vacal does not clearly state the tasks/duties performed, attach a copy of your performan

A supplemental narrative addressing your qualifications to each Quality-Ranking Factor (QRF) is highly recommended. This rmation will be used to identify "highly qualified" candidates to be referred for selection. Additional information will not be epted after the closing date of the announcement.

When multiple grade levels are advertised, applicants will only be rated for the lowest grade level they indicate on their SF-171 they will accept and higher grade levels for which they qualify.

Applicants may review the X-118 Qualification Standards at the China Lake Technical Library; at the Point Muguixtorate/Department Resources Offices; or at any NAWCWPNS Human Resources Department Office.

#### AREA OF CONSIDERATION INFORMATION

Applications will be accepted from "current appointable employees" at NAWCWPNS and, unless otherwise noted in the specific announcement, the tenant commands with approved cross-service agreements. These include employees with career or career conditional appointments; temporary employees with Veterans Readjustment Act (VRA) eligibility or reinstatement eligibility; handicapped employees serving on an excepted Schedule (A) appointment, VRA employees, and temporary employees within reach or an OPM certificate (or equivalent). If a tentative selection is made from tenant, VRA, or temporary applicants, the selection process cannot be completed until a waiver to the hiring freeze is approved by COMNAVAIR. Appointable persons include those with reinstatement eligibility, those within reach on an OPM certificate, and those eligible for noncompetitive permanent appointment (e.g., VRA, handicapped).

- If selection is made below the full performance level, the selectee may be promoted to the next higher level(s) without if ther competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines t incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. PROM TION IS NOT GUARANTEED.
  - First-time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfally illy complete the probationary period will be returned to positions of no lower grade and pay than their former position.
- 3. Drug Testing Designated Position. An applicant tentatively selected for this position will be required to submit to urinally sis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a Department of Defense Testing Designated Position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to great testing on a random basis as the incumbent of a TDP. Further, all Department of Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical doct. tation that may support and are an account of unsale plactice. An inhoritoclas will have the opportunity to sometime to use of a specific drug to a Medical Review Officer. An applicant's test result will be p to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug to to the semploying activity/command.
- 4. This is a Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position. P. L. 101-510 requires that all applications for DAWIA designated positions that are advertised be evaluated utilizing a Quality-Ranking Factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants who would like to obtain more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields should contact their Department Office DAWIA representative or their Personnel Management Advisor. Note: Applicants selected for Critical Acquisition Positions (GS-14/DP-4 and above) will be required to sign a service agreement to remain in that position for a least a 3-year period.
- Merit Promotion Positions for Point Mugu Site Vacancies. Applicants must meet all eligibility requirements (inc when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcer

#### GENERAL INFORMATION

The Naval Air Warfare Center Weapons Division is an Equal Opportunity Employer. Selection will be made on a qual busis without discrimination. Selection will not be made on non-merit reasons such as race, color, religion, tional origin, age, politics, marital status, physical handicap, or membership or non-membership in an employee of

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP).

Incumbent must hold or be able to obtain the appropriate security clearance.

As of 1 August 1992, Mandatory Direct Deposit/Electronic Funds Transfer (DD/EFT) became the standard payment within DOD for pay of certain civilian personnel. Newly hired civilian personnel and employees (not currently enrolled) who are selected for competitive promotion, reassignment, transfer, etc., will be required to enroll in DD/EFT within 60 days. An asterisk (\*) preceding an announcement number indicates a modification has been made to the vacancy advertisement; please note indicates

#### MERIT PROMOTIONS

#### ALL FOUR SITES

Note 1 applies.

No. C85-002-NR4, (1) Materials Handler, WG-6907-5/7, Weapons Department, Magazine Operations Division, C851, Naval Air Weapons Station, China Lake-Area of Consideration: NAWCWPNS. Opening Date: 6-30-94. Closing Date: 7-14-94. Permanent Change of Dut Station Authorized: No. Selecting Official: Jack Kavanagh, (619) 939-6271. HRD Contact: Evelyn McMurdo, (619) 939-2925. The full performance level is WG-7. Summary of Duties: Incumbent will perform duties involving the receiving, storing, issuing, and transporting of ammunition/explosives and components. The major duties and responsibilities are as follows. The incumbent will operate equipment such as electric and diesel forklifts plus trucks up to and including 10 tons; inspect cargo and shipping documents to ensure material is properly marked, stenciled, labeled, tagged, and sealed; assist in the upkeep and cleanliness of all magazines; and periodically inventory and rearrange the nagazine contents. The incumbent will be requir to acquire and maintain a valid commercial driver's icense. Applicants should possess ordnance knowle edge, be able to identify safety hazards, and be able to operate trucks and special vehicles. Quality-Ranking Factor: Knowledge of ordnance and explosives; ability to do the work of the position without more than normal supervision; ability to interpret instructions, documents, etc. skill in use of materials handling equipment and techniques, and dexterity and safety. Supplemental required.

#### CHINA LAKE, SITE ONLY

No. C83-008-BP4, (2) Sheetmetal Mechanic, WG-3806-10, Construction/Maintenance Utilities Division, Public Works Department, C834-Area of Consideration: NAWCWPNS China Lake Opening Date: 6-30-94. Closing Date: 7-8-94. Selecting Official: TBA. HRD Contact: Pris Bonin, 939-3118. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent works with sheetmetal of thickness 10 to 26 gauge (0.019 to 0.125). Occasionally works with thinner metals or up to 1/4-inch thickness. Lays out, fabricates, assembles, installs, and repairs objects and equipment. Works from blueprints, sketches, and oral instructions. Checks blueprints against actual measurements at the job site. Forms, fits, and assembles sections to form unit desired. Fabricates, assembles, and installs boxes, ventilation ducts, gutters, flashing, cornices, cabinets and doors, heating and cooling units, tables, desks, panels, etc. Performs any other related work as assigned. Quality-Ranking Factors: Ability to do the work of the position without more than normal supervision (screen-out element); knowledge of materials, technical practices, and trade theory; ability to use and maintain tools and equipment; ability to operate salely; and ability to apply technical practices of the trade. Must be able to obtain and maintain a Secret clear-

Note: Supplemental qualifications statement is required. (Obtain at Personnel Bldg., Rm. 100.)

No. C83-009-BP4. (1) Carpenter, WG-4607-9. Construction/Maintenance Division, Public Works Department, C834-Area of Consideration: NAWCWPNS China Lake. Opening Date: 6-30-94. Closing Date: 7-8-94. Selecting Official: TBA, HRD Contact: Pris

Bonin, 939-3118. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent builds, repairs, and makes alterations to wood structures of buildings, targets, etc. structs, repairs, and installs various woo cles and items. Lays and repairs various types of roof surfacing, and floor coverings. Quality-Ranking Factors: Knowledge of materials; ability to do the work of the position without more than normal supervision (screen out element): ability to do the theoretical, precise, and/or artistic work; ability to operate safely; ability to use and maintain hand tools and equipment; ability to use sketches, blueprints, and the trade. Must be able to obtain and maintain a

Secret clearance. Note: Supplemental qualifications statement is required. (Obtain at Personnel Bldg., Rm 100.)

No. C83-010-BP4, (1) Electrician, WG-2805-10, Construction/Maintenance Utilities Division, Public Works Department, C834—Area of Consideration: NAWCWPNS China Lake site. Opening Date: 6-30-94. Closing Date: 7-8-94. Selecting Official: TBA. HRD Contact: Pris Bonin, 939-3118. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent plans proposed installations from blueprints, sketches, and/or specifications; cuts conduit pipes to size, thread, assemble, and fuse to building framework, and pulls wire through conduit; lavs out, assembles, installs, and tests electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light and power systems of buildings. Incumbent splices wires, cables, and auxiliary equipment; replaces defective wiring; performs non-scientific electronics work of experimental nature; and maintains and repairs electrical and electronic equipment in boiler plants. Quality-Ranking Factors: Ability to do the work of the position without more than normal supervision (screen-out element); ability to use electrical test equipment: knowledge of electrical theory and equipment; ability to operate safely; to use and maintain tools; to use electrical drawings; and to apply technical practices of the trade. Must also possess knowledge of electrical theory and equipment. Must be able to obtain and maintain Secret clearance.

Note: Supplemental qualifications statement is required. (Obtain at Personnel Bldg., Rm. 100.

No. C84-006-JJ4, Property Control Officer, DG-303-2/3, Police Division, Administrative Branch, C8412—Area of Consideration: China Lake only. Opening Date: 6-30-94 Closing Date: 7-7 July 94. ing Official: Don Cortichiato, 939-2709. HRD Contact: Jean Johanboeke, 939-8135. Permanent Change of Station: No. Summary of Duties: Incumbent provides accountability, inv ry, and maintenance of weapons; provides reports on weapons and ammunition inventories; and receives, controls, and disposes of evidence/property/logs obtained by police officers. Additional responsibili include plant account, building and fleet vehicle maintenance, excessing property, and firearms instruction. Incumbent must be able to obtain and maintain a Secret clearance. Quality-Ranking Factors: Knowledge of SECNAVINST, OPNAVINST, Federal and State laws; experience in use and instruction of high-power rifles, shotguns, and all types of handguns; and verbal and written communi-

Note 1 applies.

No. C85-001-NR4, (1) Secretary (Typing), DG-0318-1/2, Weapons Department, Explosive Ordnance Disposal Detachment, Naval Air Weapons Station, China Lake, CA-Area of Consideration: China Lake only. Opening Date: 6-30-94. Closing Date: 7-7-94. Permanent Change of Duty Station Authorized: No. Selecting Official: LT. Gary McClelland, 939-6188. HRD Contact: Evelyn McMurdo, 939-2925. The full performance level of this position is DG-2. Summary of Duties: Incumbent will provide secretarial and administrative support to the Explosive Ordnance Disposal (FOD) Detachment C8503 Quality-Ranking Factor: Knowledge of NAWS policies and procedures; ability to use the Macin computer; knowledge of Microsoft Word, Excel Filemaker Pro; ability to perform full range of secretarial/administrative support duties, including calendar management, telephones, travel, confer ences, files and record systems; and ability to communicate both orally and in writing and work effectively with all levels of personnel.

#### POINT MUGU SITE ONLY

Exceed One Year. (1) Security Specialist (Loss/Crime Prevention), GS-0080-09, Naval Air Weapons Station, Security Department, Physical Security Division, P7410. Opening Date: 6-30-94. Closing Date: 7-14-94. Selecting Official: D. V. Charles, 289-7510. MRD Contest: Torus McGraw. les, 989-7510. HRD Contact: Tonya McGraw, 989-3321. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as Loss/Crime Prevention Coordinator and is responsible for programs reducing losses of money or property belonging to the federal government and/or federal employees at the NAWCWPNS Point Mugu site. Performs scheduled and unannounced audits to prevent theft; detects security weaknesses and/or compliance with security policy administers an aggressive loss/crime preven training program for all activity personnel; and conducts reinspection/audits for proper compliance with remedial recommendations. The incumbent conducts loss prevention surveys integrating management analyses, loss analysis, and interna inspections and analytical surveys; prepares long-/short-range planning program(s) to eliminate or reduce real property losses; and prepares, submits, and maintains missing, lost, stolen, and recovered government property reports under local and higher authority directives. Quality-Ranking Factor Knowledge of pertinent procedures, guidelines, policies, and higher authority directives necessary to successfully initiate loss/crime preventive processes. Note: Promotion may be made permanent without

No. P74-026-TMC4. Temporary Promotion Not To

#### CURRENT PERMANENT DOD

No. P70-025-MG4. (2) Child Development Program Aide, GS-1702-2/3/4, Naval Air Weapons Station, Morale, Welfare, and Recreation Department, Child/Youth Services Division. P705—Area of Consideration: Current Permanen DOD Employees on the Oxnard Plain. Opening Date: 6-30-94. Closing Date: 7-14-94. Selecting Official: Daniel Savage, 989-7481. HRD Contact: Mary Lou Gutierrez, 989-3230. Permanent Change of Duty Station Authorized: No. Summary Duties: At the target level, incumbent performs the full range of child care tasks in a Child Development Center including ensuring that care provided is in compliance with child development standards outlined in applicable regulations; assisting in planning and conducting an effective child development program to meet the physical, social, emotional, and curriculum plan provided by the supervisor; reviewing and implementing daily schedules and activity plans; and briefing lower grade employees. Helps create adult-made games and play materials (e.g., mixing paint, playdough, and assembling props for dramatic play activities, etc.). Receives children from parents and notes all special instructions that parents may provide. Also conducts daily health checks of children. Quality-Ranking Factor: Knowledge of early childhood development.

No. C27-001-NR4, Chemical Engineer, DP-893-3, Ordnance Processing Branch (C2772), Propulsion Systems Division, Ordnance Systems Department—Area of Consideration: DOD-wide. Opening Date: 6-16-94. Closing Date: 7-14-94. ting Official: Bill Durvin, (619) 939-7517 HRD Contact: Nancy Robinson, (619) 939-8106. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: Incumbent is responsible for the scale-up and processing of solid rocket propellants and explosives and for the casting/loading of the energetic materials into rocket motors or warheads. Plans and conducts the scale-up and proof of new developmental propellant and explosives for-mulations. Monitors contractor processes and leads failure investigations to assure quality throughou product life cycle. Selective Factor: Ability to conduct scale-up of high burn rate, reduced smoke minimum signature, and insensitive propellants.

Quality-Ranking Factor (QRF): Knowledge of propellants and explosives; processing engineering techniques and equipment; rocket motor design and on; and organic and polymer cher DAWIA QRF: Ability to meet the mandatory DAWIA ements for training, experience, and education

#### SCIENTIFIC, ENGINEERING, AND TECHNICAL

UNIX OPERATING SYSTEM, INTRODUC-TION (32 hrs.)

5-8 July; Tuesday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: Noble Nkwocha, C6343

Prerequisite: General computer knowledge (IBM-PC, Macintosh, or VAX),

This introductory course in Unix will cover the basic ideas and features that novice and intermediate users need to use the Unix system effectively. While the course emphasis will be on standard Unix, the hands-on experience will come from a Sun Work Station Upon completion of this course, the student will have working knowledge of the Unix Operating System, the Unix Operating System Kernel and Shells, the Unix File System, and some of the most useful Unix utility programs.

#### LAN TROUBLESHOOTING (32 hrs.)

18-21 July; Monday-Thursday, 0800-1630; 422 Arneill Rd., Suite C, Camarillo.

This course will address what installing and troubleshooting networks is and who can benefit from it. Installation and troubleshooting networks provides a complete background for individuals with technical responsibilities for networks. Topics include an overview of networks; an introduction to the equipment used: details of how a network is constructed: network design; lessons in the proper use of network components; construction of widearea network; use of protocol analyzers; and measurement of network performance and analyzing failed networks.

#### TECHNOLOGIES IN NETWORKING (24 hrs.)

18-20 July; Monday-Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: New Horizons Computer Learning Center

Prerequisite: Experience in mainframes or unication, LAN, and microcomput-

Intended Audience: System engineers, system administrators, service technicians, and technical support personnel

This course will cover the fundamental concepts of networking, data communication, connectivity, and other aspects relating to networking technologies. Topics include protocols and standards, network structures, data translation and transmission, and communication protocol

#### AIR-TO-GROUND MISSILE SYSTEMS (32 hrs.)

25-28 July; Monday-Thursday, 0800-1630; Surfside, Main Room. By: Evolving Technology Institute

This course covers all of the air-to-ground missile subsystems. The principal objective of the course is to update practicing engineers on active, semi-active, and passive sensors, and GPS/Inertial Systems as used in modern missile guidance and control. This training provides an overview of the design of tactical air-to-ground missile with the emphasis on modern seeker technology. The course covers design considerations of the autopilots, the missile guidance equations, and the seek and track loops, as well as the missile dev process. The course addresses the application of modern control systems theory to the problem of accurately controlling and guiding a missile to its target.

## C PROGRAMMING LANGUAGE, INTRO-

DUCTION (40 hrs.)
1-5 August; Monday-Friday, 0800-1630;
Bldg. 5-1, Room 23. By: Kevin McNally,

Prerequisite: A good understanding of another high-level language such as Pascal

This course provides an introduction to programming in the language of C. C language declarations, control statements, procedures, functions, pointers, and Input/Output will be discussed in depth. There will be an introduction to software engineering and design as part of the course. The class is structured around a hands-on programming environment on the IBM computer. This includes debugging techniques and reverse engineering and changing a current program to perform additional software tasks. By the end of the course the student should be able to take a software algorithm and implement in C.

#### AUTOCAD 3D AND AUTOLISP (32 hrs.) 8-11 August; Monday-Thursday, 0800-

1630; Bldg. 5-1 Room 30. By: Dave Pendleton, C2872

Prerequisites: Basic knowledge of AutoCAD (Version 10); familiarity with PC and DOS with some programming experience.

This course will provide a review on the basic AutoCAD commands and will cover advanced topics on Dimensions, blocks, menu macros, 3D wireframe models (solid primitives section and profile renderings, and solids editing functions), and AutoLISP programming (syntax and interaction between AutoLISP and the drawing editor).

#### ADMINISTRATIVE, CLERICAL, AND

HARVARD GRAPHICS, INTRODUCTION

6-7 July: Wednesday-Thursday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory

Prerequisite: Prior PC experience.

Students learn to create simple text charts to complex presentations with screen display effects. In addition, students will see how to use effective design in planning charts, how to manage files and import and export data for charts, as well as techniques for printing charts, creating templates for charts, and using special calculations to analyze data.

#### STATEMENT OF WORK PREPARATION (8 hrs.)

7 July; Thursday, 0800-1630; Surfside, Cloud 9 Room. By: In-house Intended Audience: COTR, ACOTRS,

NTRS, AND POCS). Student's will be given the latest go ment and NAWCWPNS guidelines for writing a Statement of Work (SOW). This course will help you to build your SOW writing skills through low-risk in-class exercises. Also, you will receive a current list of people in the Procurement Department who can help you prepare your SOW and provide you with the other documents that comprise the Acquisition Requirements Package (ARP). Information will also be provided on the advantages of using the newly developed ARP Team

#### FXCEL BEGINNING (16 hrs.)

11-12 July; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen

Prerequisite: Basic Macintosh operating

In this class you will learn basic Excel concepts—creating a worksheet; entering values, labels, formulas and notes; worksheet development (editing, moving around, using help, functions, fill copy, absolute and relative addressing, cut and paste, paste special, formatting, insert/delete, rows/columns, borders, save); printing the spreadsheet (print area, headers, footers, page setup); keyboard macros; database operations (named ranges, split windows); charts; and linking workshe

Presentation Method: Hands-On Workshop MS-WINDOWS, INTRODUCTION (16 hrs.)

11-12 July; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Comskil

rerequisite: Prior PC experience.

This course introduces the user to basic functions and features of this graphical user interface package. Students learn how to use the Program Manager to manage the running applications and the File Manager to manager files, disks, and drives and how to exchange information between applications.

#### CAREER TRANSITION WORKSHOP

12-13 July; Tuesday-Wednesday, 0800-Camarillo. By: Julie Streets, P622

This workshop introduces the participant to job change strategies used by successful people. Using a career decision model, the participants will identify their values, skills interests, and accomplishments. They will also analyze their current jobs and career aspirations. Using this information, the participants will develop a career action plan for the future. Participants will also study the latest job search strategies and techniques and become more skilled at networking, resume/SF-171 prepara-

#### WORDPERFECT, INTRODUCTION (8 hrs.) 13 July; Wednesday, 0800-1630; Bldg. 5-Room 23. By: Tectra

Prerequisite: Prior PC experience.

In this course students will learn basic operations of word processing such as how to create, print, and save documents and editing, modifying, and enhancing those documents. Many functions and commands will be demonstrated

#### PRE-RETIREMENT SEMINAR (8 hrs.) 19-20 July; Tuesday-Wednesday, 0800-

1630; Bldg. 5-1, Auditorium. Retirement Planning Services

Employees preparing for retirement face numerous decisions and adjustments. For some, uncertainty about the future creates anxiety and stress. This course equips pre-retirees with information, materials, and methods to cope with these changes and to begin planning for their retirement. ants will have the opportunity to hear experts in the areas of retirement benefits. financial planning, estate planning and health. letion of this course, participants should be able to understand their Federal retirement benefits and make plans concerning their retirement finances, activities, and

#### CPR, BASIC PROVIDER (8 hrs.)

20 July; Wednesday, 0800-1630; Bldg. 5-1, Lounge. By: St. John's Medical Regional

This cardiopulmonary resuscitation (CPR) course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. The participants are certified in the following CPR techniques: one- and two-person CPR, infant CPR, and obstructed airway maneuver in the conscious and unconscious adult and

#### MACINTOSH, INTRODUCTION (8 hrs.) 20 July; Wednesday, 0800-1630; Bldg. 5-

Room 30. By: In-house no Macintosh experience.

In this course you will learn to use the keypoard and mouse to input information to the Macintosh, change software to suit the current ication, view files and folders on a data select and drag icons, open icons through the file menu, activate and close windows, use desk accessories such as Chooser, Finder and Calculator, use the clipboard to transfer information, use some typical applications packages such as a word processor, and/or a graphic program. (Applications to be surveyed may include MacWrite or Word, MacPaint, MacDraw, or MacDraft. This class will not cover these applications in any detail.

The student is referred to other classes offered

Presentation Method: Hands-On Workshop

#### **FANTASTIC FRIDAY WELLNESS** CLASSES

Classes Available on AWS Day

STRESS MANAGEMENT (8 hrs.) 15 July (Fantastic Friday-AWS Day) 0800-1630; Bldg. NSWC Facility, Room 7, 531 W. Hueneme Road, Port Huenem By: Body, Incorporated

If your reaction to stress is feeling over oaded and underaccomplished, you may want to learn more about what you person ally can do about reducing this stress. This course is designed to help you become a nanager of your stress and to learn new actics to deal with it. In this class you wil

- · To deal with constantly changing
- · To deal with stress when you are doing the job of three people.
- To turn negative stress and tension into peak performance.
- To focus on top priorities and make important decisions first.
- · How to attain a personal and wor balance in your life.

The focus will be on interactive, experien ial learning with time for analysis, feedback, and development of action plans for individual participants.

#### OFFICIAL NAVY CORRESPONDENCE

25 July; Monday, 0800-1630; Bldg. Surfside, Cloud 9 Room, By: Thompson &

Intended Audience: Clerical/Administrative employees who prepare correspondence.

This workshop will teach the Department of the Navy standards for writing quality correspondence formats. It applies to all personnel who prepare and approve correspondence. Chapter 11, the local supplement to SEC-NAVINST 5216.5C, will be included in the instruction. The instruction offers specific or detailed instructions on typing the standard naval letter, and covers these areas: stationery size, margins, type, color of ink. sender's symbols, standard Subject Identification Code (SSIC), originator's signature block, copy-to and blind-copy-to blocks, drafter's identification, and the importance of each of the above to a standard letter. In addition, paragraph format, file copies, and standard letter assembly, multiple-address letters and endorsements, general memoranda, and business letters will be reviewed for correctness in preparation.

#### FILEMAKER PRO, INTRODUCTION (16 hrs.) 25-26 July; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen

Prerequisite: Basic Macintosh skills.

In this class you will learn an introduction to databases, how to create your own database, working with information (adding, editing, omitting, etc.), layout formatting (field borders, viewing, drawing tools, moving, resizing, oing and aligning objects, etc.), autodates, field values, auto text, tab orders, buttons and scripts, and networking and passwords. Presentation Method:

#### WORD FOR WINDOWS, INTRODUCTION (16 hrs )

25-26 July; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory Co.

This course covers formatting a document at the character, paragraph, and page levels, as well as the popular Spell Check and Thesaurus options. It is recommended that users have a basic understanding of a

#### **MAMMOGRAPHY SCREENING**

June 30, 1994

mammography screening for NAWC/NAWS Point Mugu employees and their spouses. The Valley Technological Services (VTS) mobile mammography unit will be located in the parking area of Bldg. 36 on the afternoon of 14 July. The cost of the X-ray exam is \$60. Participants must be at least 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. To schedule an appointment, call (800) 458-3385.

#### WEINGARTEN RIGHTS FOR BARGAINING UNIT EMPLOYEES

Per Section 3, Article 5, of the 26 May 1993 negotiated agreement between NAWCWPNS be present at an examination of a bargaining

Point Mugu site and the National Association unit employee conducted by a representative The Wellness Program will sponsor a of Government Employees, Local R12-33 (the of the Agency if the employee reasonably Union), all personnel are reminded that a bargaining unit employee has the right to have the Union present at any examination of an employee in connection with an investigation as provided by the Civil Service Reform Act of

> The collective bargaining unit at the NAWCWPNS Point Mugu site is described as all Wage Grade and General Schedule employees of NAWCWPNS Point Mugu. Excluded are all professional employees. management officials, supervisors, and employees described in 5 USC 7112 (b) (2), (3), (4), (6), and (7),

The Union must be given an opportunity to

believes the examination may result in disciplinary action and the employee requests

Employees who are excluded from the bargaining unit are not entitled to be represented by the Union in any investigative examination.

Direct questions concerning representation to the Employee and Labor Relations Division

#### LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive Labor Representative for the bargaining unit employees of NAWCWPNS Point Mugu is the National Association of Government Employees (NAGE).

The local R12-33 President is Louis W. Roger, located in Trailer 10073; he can be reached at 989-1374.

#### CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

Getting help when you have a problem can be a problem. Do you know that there is someone you can talk to if you or someone in your family is having difficulties? There is no charge for CEAP services, which may be used before, during (on administrative leave), or after working hours. Family members, selfreferrals, and supervisory referrals are welcome. The program is located in Bldg. 2-825 (University of La Verne). All interviews are confidential. For further information, call Martha or Bob at 989-7708 or 989-8161.



#### **HUMAN RESOURCES DEPARTMENT INFORMATION**

The Human Resources Department (HRD) Information section is intended to provide timely HRD information to NAWCWPNS personnel. Any questions or issues pertaining to this section may be addressed to Ron Rogers, P622, (805) 989-3997 (DSN 351-3997), FAX 989-4388 (DSN 351-4388).

#### **EMPLOYEE/LABOR RELATIONS DIVISION NEWS**

#### 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 or medical emergencies and anticipate being in a leave-without-pay status for at least 44 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Tel-Mart) at China Lake. Forms for Point Mugu may be mailed to P621; forms for China Lake may be mailed to C621. For additional information, call Maria Martinez at (805) 989-3222 or Pat Miller at (619) 939-2018.

#### CHINA LAKE

Jill Guinn, C6411 Jill is recovering from a fracture.

Cathy McCune, C29B14 Cathy is recovering from major surgery.

convalescing for 2 to 3 months

William Muhlhausen, C2633 William had a total hip replacement.

Gary Newton, C8342 Gary will be undergoing an unexpected triple bypass open heart surgery and will be

Margaret Mavis, C28 Margaret's daughter is recovering from thirddegree burns on both feet

Stanley Byrd, C2713 Stanley had a heart attack.

Diane Sapp, C8348

Diane had surgery. Rick Grazer, C6111

Rick is under a doctor's care and is unable to return to work. He is the sole support of his

Fred Ullrich, C8341 Fred is recuperating from a hernia operation.

Frank White, C3312 Frank is recovering from pneumonia and valley fever.

2-1/2 months.

Kimberly (Ramirez) Hansing, C2644 Kimberly is on maternity leave

Janet Blackwell, C658 Janet had abdominal surgery and is recovering.

Tracey Stanphill, C834 Tracey has cancer and is undergoing radiation and chemotherapy treatments.

Jean Rongish, C2612 Jean Rongish has undergone surgery on both feet for tarsal tunnel syndrome

Darrell Ferguson, C3241 Darrell is recovering from hip reconstruction surgery.

Howard Gerrish, C2772 Howard obtained severe injuries in an accident.

Denise suffered a stroke and will be unable

to return to work for an extended period of

time. She is a single mother and this is her

Janice Henderson, C6335 Janice is caring for her brother while he is on dialysis awaiting a kidney/pancreas trans-

Larry Kuster CR42

Denise Evans, C6111

only source of income.

Larry has colon cancer and is undergoing chemotherapy and radiation treatments.

#### POINT MUGU

Delia (Dee) Andrade, P7441 Dee is suffering from carpal tunnel syndrome in both hands and is awaiting

Melody had brain surgery.

Melody Dates, P238

Deanna Lopez, P703 Deanna has had complications of pregnancy and will be on maternity leave.

Ethel Wilson, P7325 Ethel will be undergoing a second surgery in 5 months and will be on leave for

Patsy Lopez, P2205 Patsy is having complications with her pregnancy and is on maternity leave.

La Wanda Lint, P7262 La Wanda had surgery on her shoulder.

John Duhon, P7363 John suffered a massive heart attack and has had complications from surgery.

Brenda Davis, P625 Brenda is undergoing treatment for lupus

Jennie Miller, P37121 Jennie is undergoing chemotherapy for bone

Eireen Echiverri, P6137 Eireen will be undergoing surgery.

Ethel Gupton, P6335 Ethel will be undergoing surgery.

Alice Howard-Echols, P726 Alice is suffering from a major depressive

The NAWCWPNS Announcements and Human Resources Department Information are published by the PAO and inserted in China Lake's "Rocketeer" and Point Mugu's "Missile" newspapers on the Thursday before payday. Copies of the insert are provided to the Albuquerque and White Sands sites. Personnel at China Lake, Albuquerque, and White Sands may send items for the Announcements section to C08033, Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796). Personnel at Point Mugu may send items for the Announcements section to P0703, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-8094). Items included in the Human Resources Department Information section are provided by the Operations, Human Resources Development, and Employee/Labor Relations Divisions of the Human Resources Department. The deadline for all submissions is Wednesday at 1700, 8 working days prior to the alternate Thursday publication date. NOTE: All inputs MUST include the sponsor's code and phone number. Any questions or issues pertaining to this insert may be addressed to Ron Rogers at 989-3997 (DSN 351-3997), FAX 989-4388 (DSN 351-4388).

#### **HUMAN RESOURCES DEVELOPMENT DIVISION NEWS**

ON-BOARD TRAINING COURSE SCHEDULE

Nominations for courses should be submitted to the Human Resources Development Division at the site where the course is being held. The On-Board Training Request (NAWCWPNS 12410/2) is used for submitting nominations and is available at SERVMART/TELMART. For further assistance, at Point Mugu contact Mary Glasmann, P622, at (805) 989-3982. classes at China Lake, call the phone number listed in the course announcement. If there is no phone number listed, submit the On-board Training Request form to the Human Resources Development Division, C622. Nomination forms should be submitted as early as possible to preclude courses being cancelled because of insufficient enrollment. NAWCWPNS employees may attend training at any site with supervisory approval and on a space-available basis. On-board training courses are presented at no cost to NAWCWPNS employees.

#### CHINA LAKE COURSES

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

APPLIED SOFTWARE MEASUREMENT (16 hrs.)

14-15 July; Thursday-Friday, 0830-1630. Boeing Training Center, 443 Inyokern Rd.

This course is intended for technologists who are just beginning in the practice of measurement. Attendees must be familiar with the material on estimation and monitoring as presented in the Software Measurement Guidebook or have attended the Software Measurement Fundamentals course. Attendees must bring a calculator.

The course will provide attendees with simulated practical experience in the measurement activities necessary to reach higher SEI maturity levels, i.e., collecting software metric data, developing estimates, monitoring a software project, and reporting on project status to senior management. Attendees will also be shown how to apply practical quantitative support to managers responsible for software development.

To enroll, call 939-2359.

C++, INTRODUCTION (40 hrs.)

29 August-2 September; Monday-Friday, 0800-1600. Training Center. By: John Francis, C2872

Prerequisite: The student must have a basic understanding of ANSI C programming syntax. This course is an introduction to both C++ and Object-Oriented Programming.

This course focuses on the structural framework of an object-oriented language. C++. Syntactic properties of C/C++ are covered in detail, as though C++ was a new language to the student. Object-oriented design methodologies and design tools will be demonstrated and practiced by the student.

A series of small lab projects will lead to complete C++ computer simulation project. Some light outside work will be required. The lab projects can be solved by a small working group or an individual student.

Presentation: Lecture, Hands-onworkshop

Deadline: 15 August

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

**EXCEL ON THE MACINTOSH, BEGINNING** (16 hrs.)

7-8 July; Thursday-Friday, 0800-1600; Training Center. By: Saracen Interactive Prerequisite: Basic knowledge of the

This course is designed for the beginning spreadsheet user. It will familiarize the student with the terminology of spreadsheets and the Excel environment. Students will learn to create, edit, and print simple worksheets using the basic formulas. Upon completion of the course, a student will be able to manually format a spreadsheet, sort data, use Chart Wizard, and apply auto formats.

Presentation Method: Hands-on Workshop Enrollments are on a call-in basis only. To enroll, call 939-0870.

Deadline: 22 June.

HOW TO READ NIF 009 (3 hrs.)

12 July; Tuesday, 1230-1600; Training Center. By: Larry Wailes, DFAS-CL, XEAG

This course is designed to help you read and understand one of the most important reports produced by the Center's Defense Business Operating Fund (DBOF) financial system. This course covers the basic DBOF

concepts of cost center, accounting shop, job order structure, labor acceleration, stabilized rates, and applied overhead. The job order transaction cycle (commitment, obligation, accrual, and cost) is covered for labor; inventory issues; DES orders and contracts for material, services, and equipment; travel; cost distributions and transfers; and bad charges. To enroll, call Pat at 939-3159.

ADMINISTRATIVE POLICIES AND PROCE-**DURES FOR NEW SUPERVISORS (32 hrs.)** 

13,14 July; 31 August; 1 September; Wednesdays-Thursdays, 0800-1600; Training Center. By: Center Staff

Intended Audience: New supervisors during the first-year probation period.

This mandatory 4-day course provides new supervisors with basic information about important NAWC/NAWS administrative policies and procedures.

Topics covered include: a summary of general guidelines (organizational structure of DOD and subordinate commands, safety, security, Privacy Act, ethics, workers compensation, plant account, Drug Free Workplace Program, and EEO including Prevention of Sexual Harassment): affirmative employment (merit promotion, reassignment, special interest programs, interviewing and selecting new employees, reading a 171, and obtaining performance information from previous super visors); employee development, employee awards (and other aspects of the DEMO system): discipline (problem behavior, poor performance); and other topics of interest to

Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory training requirements for the probationary year for safety, security, ethics, and prevention of

To enroll or ask questions, call 939-2686.

STRESS MANAGEMENT (8 hrs.) 21 July; Thursday, 0800-1600; Training Center. By: Dr. Suzanne Hard, Consultant NOTE DATE CHANGE

Do you react to stress by feeling over loaded and under-accomplished. Do you know people who seem to thrive on stress? The workplace and your life are changing at such a rapid pace that sometimes it creates a feeling of hopelessness. Why are people experiencing so much stress today? How much is too much? More importantly, what can you personally do about reducing this stress? This course is designed to help you become a manager of your stress and to learn new tactics to deal with it. Harness the power of stress and focus it to be a positive

To enroll, call 939-2468.

MAKING A JOB CHANGE IN UNCERTAIN TIMES (8 hrs.)

20 July; Wednesday, 0800-1600; Training Center. By: Mike Obradovich

The objectives of this workshop are to orient participants to the nature and significance of the changes in the marketplace; to understand and overcome the "paralysis" that often accompanies unexpected or unwanted changes and help promote a positive mental attitude; to discover the world of opportunities within an economy that encompasses over 400 manufacturing and service industries and over 20,000 documented occupations: to evaluate participant skills and predispositions, strengths, weaknesses, and training needs; to promote lifestyle changes that reduce stress and improve changes for a smoother transition; to develop a realistic, consistent,

The following courses are being offered this fall for the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. Registration will be held at the Training Center on 3 August from 1000 to 1430 Enrollments in courses will be on a first-come, first-served basis. Courses are subject to cancellation by CSUN if there is insufficient enrollment. Classes will be received from CSUN via its Instructional Television Network (ITN) and will be held at the Training Center, Classes for this semester begin on 29 August and end on 16 December. Course descriptions are available from Denise at 939-2648. Book order forms may be obtained at registration or from Denise at the time

AE672: Advanced Topics in Aero-Propulsion Thursdays, 1900-2150; Training Center (via ITN); By Prof. Mincer

EE320: Theory of Digital Systems

Mondays, Wednesdays, and Fridays, 1000-1050; Training Center (via ITN); By Prof. Wong

Mondays and Wednesdays, 1730-1845; Training Center (via ITN); By Prof. Mallard

Tuesdays and Thursdays, 1400-1515; Training Center (via ITN); By Prof. Bekir

EE455: Mathematical Models in EE

Mondays and Wednesdays, 1530-1645; Training Center(via ITN); by Prof. Amini

EE460: Introduction to Communication Systems

Tuesdays and Thursdays, 1530-1645; Training Center (via ITN); by Prof. Pettit

EE470: Electromagnetic Fields and Waves I Tuesdays and Thursdays, 1400-1515; Training Center (via ITN); by Prof. Gillespie

EE480: Fundamentals of Control Systems

Mondays and Wednesdays, 1400-1515; Training Center (via ITN); by Prof. Amini

EE624: Design Automation of Digital Systems Wednesdays, 1900-2150; Training Center (via ITN); by Prof. Roosta

EE639: Robotic Sensing and Computer Vision

Tuesdays, 1900-2150; Training Center (via ITN); by Prof. Wong

Tuesdays, 1900-2150; Training Center (via ITN); by Prof. Wan Alphen

EE660: Modulation Theory

Tuesdays and Thursdays, 1730-1845; Training Center (via ITN); by Prof. Schwartz

EE666: Fiber-Optic Communications

Mondays, 1900-2150; Training Center (via ITN); by Prof. Bekir

EE671: Microwave Engineering Wednesdays, 1900-2150; Training Center (via ITN): by Prof. Gillespie

EE672: Advanced Microwave Circuit Design (formerly EE572) Thursdays, 1900-2150; Training Center (via ITN); by Prof. Mincer

EE683: Optimal Control

Mondays, 1900-2150; Training Center (via ITN); by Prof. Amini

IE606A: Systems Engineering and Operations Research Tuesdays, 1900-2150; Training Center (via ITN); by Prof. Costea

FIN533: Financial Concepts

Tuesdays, 1900-2150; Training Center (via ITN); by Staff

ME485: Principles of Pollution Control

Mondays, 1900-2150; Training Center (via ITN); by Prof. Beatty

Tuesdays and Thursdays, 1730-1845; Training Center (via ITN); by Prof. Epstein

ME501A: Seminar in Engr Analysis

Mondays, 1900-2150; Training Center (via ITN); by Prof. Mincer

ME686: Optimal Design of Mechanical Systems Wednesdays, 1900-2150; Training Center (via ITN); by Prof. Mincer

schedule; and to help participants develop (8 hrs.) high pay-off personal marketing

To enroll, call 939-2451.

June 30, 1994

#### **EQUIPMENT CUSTODIAN (3 hrs.)** 21 July; Thursday, 1300-1630; Training Center. By: Debra Schlick, C6335

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 and will also help equipment custodians 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. A way of accessing CERMS through the ACC2 network will also be explained, and a guide will be distributed.

Enrollments are on a call-in basis. To enroll, call Pat at 939-3159.

#### BUILDING COMMITMENT IN YOUR ORGA-NIZATION (16 hrs.)

26-27 July; Tuesday-Wednesday, 0730-1630; Training Center. By: Linda Andrews and Jack Latimer

This class provides a developmental process that will dramatically improve commitment in your organization. Extensive class exercises and interaction give each participant practical application of the principles and tools. Participants will learn how to: analyze and solve problems, address and resolve conflicts, build collaborative partnerships, understand others, and build commitment in themselves and others to maximize performance and personal satisfaction.

To enroll or ask questions, call 939-2686.

#### MANAGING IN A COMPLEX ORGANIZA-TION (3 hrs.)

27 July; Wednesday, 0830-1130 OR 1300-1600; 1000D, Mich Lab. By: Julie Streets, P622

Do you have the management tools you need to operate effectively in the Competency Aligned Organization? This workshop is designed to give the participants skills for managing in the matrix or "complex" organization. You will learn how a matrix organization differs from the other organizations; identify the demands matrix structure places on the individual and how it impacts everyday operating situations; learn what conditions need to exist for success: identify and apply the skills necessary to facilitate productivity; and apply the basic mechanisms for managing conflict.

Enrollment is on a walk-in basis only.

#### GRAPHICS ON THE MACINTOSH (16 hrs.) 2-3 August; Tuesday-Wednesday, 0800-1600; Training Center. By: Olivia Francis, **OVF Graphics**

Prerequisite: Basic knowledge of the Macintosh operating system.

This course is a brief overview of several graphics programs on the Macintosh using a combination of demonstrations and some hands-on Macintosh work. The student will learn to identify the different features of the programs: the difference between Paint, Pict, Tiff, and Postscript; the use of various graphic documents in an application; getting graphics into the Mac; using a paint and a draw program; using a postscript drawing editor; what to do with your graphics documents; and graphic format resolutions

Presentation Method: Hands-On Workshop

Deadline: 19 July. Enrollments are on a call-in basis only. To

enroll, call 939-0870.

and balanced job/career transition plan and BALANCING CAREER, FAMILY, AND SELF

#### 12 August; FLEX FRIDAY, 0800-1600; Training Center. By: Dr. Suzanne Hard, Consultant

This course is designed to help you discover the keys to achieving and maintaining a healthy personal rhythm. Attitudes, beliefs, and values will be examined. You will learn how to tap reserve energy to meet challenges and demands, and priorities that are manageable for you. Calming techniques will be introduced as well as methods to help you make decisions and take actions consistent with your personal priorities, goals, and values.

Deadline: 27 July.

To enroll, call 939-2468.

#### SECURITY CLASS

UNDERSTANDING INDUSTRIAL SECU-RITY (8 hrs.)

#### 14 July; Thursday, 0800-1600; Training Center. By: Lyn Wilson

Intended Audience: Acquisition personne (Contract Specialists, Contracting Officers) Contracting Officer's Technical Representatives (COTRs), Contracting echnical Monitors, and other personne nvolved in the implementation of classified

This class will discuss the Industrial Security Program, responsibilities of COTRs and acquisition personnel, Contract Security Classification Specifications (DD254s) Foreign Participation, and Unclassified

To enroll, call Lyn Wilson at 939-0986.

#### CAREER TRANSITION AND PLACEMENT CENTER (CTPC)

Operating Changes: Though CTPC IS still offering full-service career transition assistance on a daily basis, its resources have been moved to two different locations. As of this notice the computerized job information bulletin boards and information assistance are now located in Room 100 at Personnel (Bldc 02335). Hours are 0700 to 1700, except 1130 to 1230. The phone numbers at this location are 939-2264 and 939-2265.

Library books, periodicals, and brochures o career planning, job searching, and retirement are available for checkout in Room 100 of the Training Center (Bldg. 00947). PC versions o the Retirement Calculations Programs and PC and Mac versions of SF-171 and Resume Maker are available in Room 103 of the Training Center. Hours 0700 to 1630, except 1130 to 1230.

#### **CSUC COMPUTER SCIENCE PROGRAM**

The following courses are being offered for the fall program for the Cal-State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. Enrollments are on a firstcome, first-served basis (enrollments are limited by CSUC).

29 August-21 December; Mondays and Wednesdays, 1130-1245; Training Center (videotape). By: Professor Melody Duncan, CSUC,

Lab: Tuesdays, 1700-1800; Training Center. By: Howard McCauley, 939-0546

Prerequisite: Pascal or C or consent of instructor.

Scope: This course provides instruction on the representation, application, and processing of data structures as they relate to information representation. ation, parameter passing, recursion, assemblers, compilers, operation systems, and machine organization. Topics include lists, trees, and graphs An analysis of algorithms is also discussed.

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

#### CSC1256: Theory of Computing (3 units)

30 August-22 December; Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By: Professor Kent Wooldridge, CSUC, (916) 898-4022

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor

Scope: This course first covers formal descriptions of computers, languages, and programs, then investigates correctness, behavior, and complexity. Topics include formal grammars and the associated automata, unsolvable problems, recursive functions, and post systems. (Satisfies Computer

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

CSC1278: Computer Networks (3 units)

Systems/Networks area)

30 August-22 December; Tuesdays and Thursdays, 0930-1045; Training Center (via satellite). By: Professor Seung-Bae Im, CSUC, (916) 898-4022

Prerequisite: CSCI152: Operating Systems Programming or CSCI153: Systems Software and CSCI172: Systems Architecture or equivalent of Scope: Covers the concepts, vocabulary, design issues, and techniques currently used in the area of computer networks. Topics include history and evolution, transmission media, interconnection topology, control methods, protocols, types of nodes, network interfaces, performance analysis, diagnosis and maintenance, taxonomy, bridges, and gateways. Case studies of existing state-of-the-art networks are included. (Satisfies Operating

CSCI333: Object-Oriented User Interface Design (3 units) 30 August-22 December; Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By: Professor Jim Murphy, CSUC,

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent of consent of instructor.

Scope: Object-oriented design and implementation of graphical interfaces using the C++ programming language. The class will also use either X Windows and the Motif Toolkit of Microsoft Windows and the Object Windows library. Topics include event handling, use of color, graphics contexts, text and fonts, dialogue design, and User Interface Management Systems.

Note: Since Microsoft Windows will be used in Fall 1994, students who have taken CSCl298C-1 or CSCl397C-12 may take this class for credit. (Satisfies Graphics and Image Processing area)

CSCI382A: Information Theory (3 units)

30 August-22 December; Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By: Professor Len Fisk, CSUC, Prerequisite: One upper-division course in math or consent of instructor.

Scope: A mathematical theory of communication dealing with the efficient encoding and reliable transmission of information. This theory can provide the systems analyst or telecommunications specialist with some of the basic tools to design optimal systems. (Satisfies Simulation and

CSCl397C-13: Object-Oriented Design and Programming in C++ (3 units)
30 August-22 December; Tuesdays and Thursdays, 1530-1645; Training Center (via satellite). By: Professor Paul Luker, CSUC, (916) 898-4414

Prerequisite: CSCI397C-10: Object-Oriented Analysis and Design or equivalent or consent of instructor.


Scope: This course, which is a sequel to the analysis and design class, will concentrate on the design and implementation of object-oriente programs using C++. The focus will be on how to implement object-oriented models in C++, with a strong emphasis on good programming practice.

All features of C++ will be examined in detail. Object Modeling Technique (OMT) will be used to express models.

Note: See course syllabus for specific software requirements. Students who have taken CSCl397C-1, 397C-10, or 397C-11 may take this class for credit. (Satisfies Programming Languages and Theory area)

CSCI397C-17: Object-Oriented Programming in Artificial Intelligence (3 units)
30 August-22 December; Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By: Professor Anne Keuneke, CSUC, (916) 898-5998 Prerequisite: Consent of instructor.

Scope: The study of the language constructs of LISP and the basic ideas and techniques of symbol manipulation in Al. Demonstrations of how LISP is used in practice through complete program examples (e.g., breath-first and depth-first searches, planning systems, pattern matching, inference engines, and active values). Programming includes both writing new programs and making extensions to previously used AI systems. Focus, quite natural for AI, is on object-oriented techniques and modeling "real world" systems. (Satisfies Artificial Intelligence and Expert Systems area)



# Get out and get away!

Hiking • Biking • Fishing • Sailing • Golfing Jet Skiing • Sightseeing • Rafting • Camping





# Large & Small Groups

That's right, full catering services. Any group for any occasion and we will bring you the cuisine you've come to love. Plus there are over 20 new food options for groups in our restaurants.

Santa Fe Grill, La Pasta Grill, Mother Earth Cafe & Courtyard

> The Freshest Ingredientsat Great Family Prices!





We Are The Platter People

When it comes to

catering, we build the best platters in the business. Now there are over 25 incredible platter



Beer & Wine

We stock over 100 imported beers and many fine wines to compliment your meal.



Home or Office Delivery Your day sometimes takes control of you and you can't get

away from the home or office... We will come to you.



## **New Light Lunch** at La Pasta

Now for your lunch time dining at La Pasta Grill, we've created a lunch menu that's just right for you. Packed with new items that are quick, simple, and oh so delicious, the new lunch time menu is sure to please



Improvement after improvement makes our facilities a more pleasurable place for you to dine. We have added our new 12' fiber-optic water fountain for you to enjoy on our patio. Plus ... Our facilities are now available for beautiful weddings and receptions. With 12 great indoor room areas and 3 delightful courtyard areas, we have something for everyone!





#### Visit Mother Earth Cafe

If you haven't been to Mother Earth lately we've expanded - more menu ems and more seating. Enjoy your meal outside round the fountain. We're ready to serve you.

We Never stop improving - our food, our service, our facility! We're working hard to be your favorite place to meet and eat.

We make it easy - Ask for your copy of:

- Village Plaza Planning Guide Wedding Guide
- Tour Guide Business Platter Express Menu

· New, Extensive Delivery Menu

# RESERVAT BUREAU

#### 400 Quality Condominium Accommodations

Mammoth Reservation Bureau offers the largest selection of condominiums in Mammoth. Choose from studios to 5bedroom units with locations, throughout the village. Fully equipped units including kitchens, fireplaces, many with VCR's, stereos, telephones and

#### Call Toll-Free for **Instant Reservations**

Our computerized booking system provides up-to-the-minute information on condominium availability, bedding arrangements and amenities. Or write Box 8, Mammoth Lakes, CA 93546 • 619-934-2528



1-800-462-5571

1-800-462-5585

Toll-free from Southern California

1-800-527-6273

# Mammoth...the

# **Perfect Summer Vacation!**

Swimming! Tennis! Golf! Fishing! Sightseeing! Hiking! Cycling! Night life and great restaurants! Mammoth's got it all, including a summer full of special events and more awesome scenery than you could ever imagine!

Mammoth in the summer means sunny, 80° days with no humidity and cool, crisp evenings (sweater required) with a million stars sparkling across the sky.

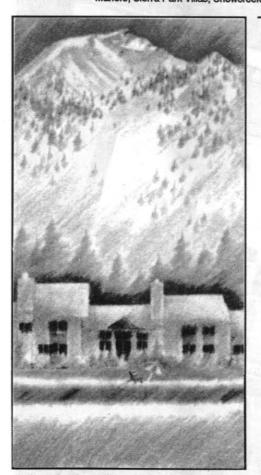
Has Mammoth got summer events? You bet we have! World class bicycle racing!

nationally acclaimed Motocross! Fourth of July festivities! Outdoor concerts! Tennis tournaments! An outstanding Jazz Festival! Arts and crafts shows and much, much more! A challenging 9-hole golf course is right here in town. And guaranteed to take your breath away is the Tioga Pass, gateway to Yosemite National Park – Mother Nature at her unbelievable best – only an hour's drive from Mammoth.

# **Summer Weekly Specials**

for a family of four in a two bedroom condominium

Representing the following complexes: Aspen Creek, Bigwood, Chamonix, Chateau Sans Nom, Chateau Sierra, Courchevel, Crestview, Forest Creek, Forest Meadows, Helios, Heritage, Hidden Valley, Krystal Villa West, La Residence, La Vista Blanc, Mammoth Creek, Mammoth Fireside, Mammoth Point, Mammoth View Villas, Meadow View Ridge, Mountainback, Mountain Shadows, St. Mortiz, San Sierra, Sierra Manors, Sierra Park Villas, Snowcreek, Snowflower, Sunshine Village, Tamarack, Timberline, Val D'Isere, Western Slopes Villas, Wildasinn House, Wilderness View, Wildflower, Winterse



# Call toll-free for additional information and our special summer rates.

#### **Mammoth Summit** Accommodations

1-800-262-7062

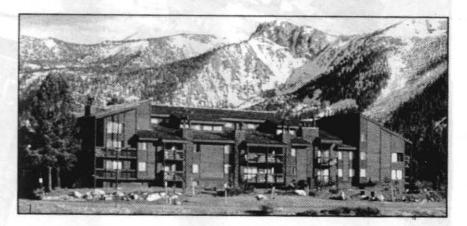
Toll Free from California & Nevada

Meridian Blvd., at Majestic Pines Dr. Box 2187, Mammoth Lakes, CA 93546 • 619-934-7062

# MAMMOTH

# Mammoth Summer

Substantial savings for 5 & 7-night occupancies with discounts up to 20%



## A Special Resort Condominium Experience

## **Summer at The Summit**

Great accommodations will make your vacation special. At The Summit you'll enjoy two swimming pools, several tennis

courts, spas and saunas, all surrounded by spectacular mountains and clear blue skies.

Summit Accommodations rental units feature comfort, convenience and a full range of amenities. All of our condominiums include a fully equipped kitchen, color TV, linens, fireplace and access to our FREE video library. Most units also afford magnificent views of Mammoth Mountain or the nearby Sherwin peaks. Tasteful "Premier" condominiums offer the additional conveniences of microwave oven, telephone, stereo system and VCR. And for uniform the convenience of microwave oven, telephone, stereo system and VCR. And for uniform the convenience of microwave oven, telephone, stereo system and VCR. And for uniform the convenience of microwave oven, telephone, stereo system and VCR. And for uniform the convenience of microwave oven, telephone, stereo system and VCR. And the convenience of microwave oven, telephone, stereo system and VCR. And the convenience of the conveni make sure your visit with us is an enjoyable and memorable experience. Call us at Summit Accommodations. We know about

#### Museums - Visitor Centers —

exhibits including a winter scene of a Paiute camp, traditional willow Paiute and Shoshone artifacts, including baskets, beadwork and and reed shelters, sweat house, and basketry collections, beadwork, clothing and household items. Gift shop features books and Native American arts and crafts.

Open daily all year, except for major holidays. (619) 873-4478

Located 1 mile west of U. S. 395 on West Line Street (Hwy. 168) in

11. Ancient Bristlecone Pine Forest Schulman Grove Visitor Center

The oldest known continuously growing organism in the world is a 4,700-year-old bristlecone pine named Methuselah in the Schulman Grove of the Ancient Bristlecone Pine Forest. Sculpted over centuries by wind, blowing ice and sand, bristlecones develop unique and exquisite shapes of golden-hued wood. The Visitor Center offers interpretive talks, self-guided trails, displays, books and map sales, and picnic area (no drinking water available).

Open daily June 15 through Labor Day

Open weekends Memorial Day through Columbus Day

Located 23 miles east of Big Pine via Hwy. 168. 12. Cultural Resource Center (C.A.A.R.P.)

Dedicated to the Eastern Sierra's archaeological heritage, (offering artifacts displays), information center and gift store. Guided tours available to prehistoric petroglyphs, ancient living sites and unique geologic areas feature narratives of the history and culture of the Owens Valley Paiute and the settlement of the Owens Valley.

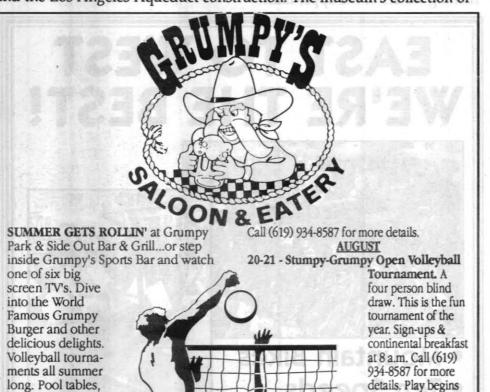
HOURS: 10am to 4pm weekends, or by appointment.

(619) 938-2398 (619) 938-2684.

In the Aurora Pottery studio at 450 Bartell Road in Big Pine. From U. S. 395, turn east on Bartell Road, continue 5 blocks, and look for the

13. Eastern California Museum

Natural and cultural history, with exhibits on Owens Valley pioneer days, the Carson & Colorado Railroad, 19th-century mining operations, and the Los Angeles Aqueduct construction. The museum's collection of



2 & 4 - Firecracker Open Volleyball Tournament. It's a two-person open with late sign-ups at 8:00 a.m. Call (619) 934-8587

video games, shuf

plain old fun -

Mammoth style

fle board and lots of

3 - Tenth Annual Eastern Sierra Regional Chili Cook-Off. The action begins at 9 a.m. Help the judges determine the best. Purse: \$1300. Music in the Park at noon.

tournament. BBQ & music starting at 9 a.m. in Grumpy Park. 16 - Mixed Doubles Volleyball Tournament

37 Old Mammoth Road, Mammoth Lakes (619) 934-8587

garments, is one of the finest in the West. Rare photographs, diagrams, and mementos are part of an exhibit on Manzanar Relocation Camp. Also displayed on museum grounds are antique wagons, tractors, mining implements, a Paiute Indian dwelling, and a reconstructed pioneer town. HOURS: 10am to 4pm daily; closed Tuesdays and major holidays.

(619) 878-2411 ext. 2258.

Located three blocks west of the Inyo County Courthouse at 155 N. Grant Street in Independence.

14. Manzanar National Historic Site

Thousands of people of Japanese ancestry were interned here during World War II. Although few traces of the camp are visible, visitors who wish to explore the site can still find walls, foundations, and the remains of some of the internees' rock gardens. A stone guardhouse with a pagoda-style roof marks the entrance to Manzanar; 2 miles away is the cemetery, marked by a white obelisk monument. Manzanar was added to the National Park system in 1992.

Located on the west side of U. S. 395, approximately 6 miles south of Independence.

15. Eastern Sierra Interagency Visitor Center

Exhibits, displays, maps, brochures and comprehensive selection of books on the Eastern Sierra and High Desert. Informative displays on desert safety and the wilderness ethnic, small rock and mineral collection, native plant garden. Nine agencies from all levels of government - city, county, state and federal - cooperate in its operation.

HOURS: 8am to 4:50pm daily; closed Thanksgiving, Christmas Eve, Christmas, and New Year's Day.

Located 1 mile south of Lone Pine, at the junction of U.S. 395 and

16. Death Valley National Monument - Scotty's Castle & Furnace Creek Visitor Center

Scotty's Castle was built in the Spanish-Moorish architectural style popular in the 1920s. A guided tour takes the visitor back to that era, when owners Albert and Bessie Johnston, along with travelers to the desert, were delighted by master storyteller Walter Scott ("Scotty").

Fee: \$6 Adults; \$3 Children; \$3 Golden Age. HOURS: 9am to 5pm tours; open all year

(619) 786-2392

From Lone Pine on U. S. 395, take Hwy. 190 and continue east to Death Valley. Ten miles beyond Stovepipe Wells, turn left at the sign and continue 30 miles to Scotty's Castle. From Ridgecrest, take Hwy. 178 north through Panamint Valley to Hwy. 190, turn east and continue as described above.

Furnace Creek Visitor Center features exhibits, films and ranger-led programs on the natural and cultural history of Death Valley.

HOURS: 8am to 5pm daily; open all year. (619) 786-2331.

Located on Hwy. 190 in Death Valley.

17. Maturango Museum

Exhibits representing the cultural and natural history of the Northern Mojave Desert, with interactive displays that encourage audience participation, and a hands-on discovery area for children of all ages. New exhibits are featured monthly in the art gallery. Prearranged tours explore Little Petroglyph Canyon and its prehistoric rock carvings. A unique gift shop offers a wide selection of regional books, jewelry and crafts, many created by local artisans.

HOURS: 10am to 5pm daily; Open Wednesday through Sunday. (619) 375-6900.

From U. S. 395, take the Ridgecrest turnoff (Business Loop 395). The Museum is at the corner of China Lake Blvd. (Business Loop 395) and Las Flores Blvd. From Hwy. 14, approximately 50 miles north of Mojave, take Hwy. 178 east through Inyokern to Ridgecrest (14 miles).

A rugged country of enchanting beauty, the Eastern Sierra encompasses more dramatic mountain and desert scenery than any area in North America. Enhance your visit to this remarkable area by exploring its informative visitor centers and museums. Not only will you further appreciate its diverse natural history, you'll discover a fascinating human past, including its Paiute-Shoshone heritage, goldmining heyday, and pioneer ranching period.

# **Museums - Centers** offer summer fun, information, history

17 sites along the Sierras await summer visitors.

1. Mono County Museum

Located in the former Bridgeport Elementary Schoolhouse, built in 1880. Showcase displays of early Mono County featuring open exhibits and an especially fine collection of Paiute baskets. A mining and farming equipment display is featured outdoors.

HOURS: 10am to 5pm (summer only)

Located two blocks from the Mono County Courthouse, next to the County Park.

2. Bodie State Historic Park

"The last of the old-time mining camps." Gold was discovered here in 1859, triggering the Eastern Sierra's greatest mining stampede. At its peak, Bodie claimed 10,000 residents, and dozens of saloons and gambling halls. Over 100 buildings remain standing in Bodie, the largest unrestored ghost town in the American West. Ramble through the streets of Bodie and visit it's fascinating museum, where you can browse through a fine collection of related literature.

HOURS: 9am to 7pm (summer); 9am to 4pm (remainder of year) MUSEUM HOURS: 10am to 5:30pm Memorial Day to Labor Day (619) 647-6445.

Follow Hwy 270 (7 miles south of Bridgeport off U. S. 395) about 13



Horseback riding is a favorite past time along the Sierra Trails.



at 9 a.m. Early regis-

mended because of

tration is recom-

the popularity of this event. Late entries may not be eligible to play.

SEPTEMBER

3 & 4 - Labor Day Volleyball Tournament. Two person play with late sign ups at 8 a.m. Call (619) 934-8587 for more information.

Tournament & Party. Four man blind draw

17 - 18 - End of Summer Volleyball

Dodge Trucks

Eagle

CHRYSLER

# **Events & Happenings** in the Kern River Valley

July Parade, Picnic, Music, Dancing, Fireworks - Wofford Heights Rubber Ducky Race - Kernville August Kernville Rod Run October Valley Artists' Show - Kernville October Early California Days - Wofford Heights October October Sierra Art Fair, Kern River Art Association - Kernville Kernville Stampede Rodeo October Antique & Collectible Show – Kernville October Kern Valley Fat Tire Festival - Kernville October November 17th Annual Christmas Parade -Lake Isabella December Dam Tough Run - Lake Isabella December Children's Christmas Party - Kernville Whiskey Flat Days - Kernville February Sierra Heritage Art Show (Valley February Artists) - Kernville Fishing Derby - Lake Isabella March Easter in the Park - Wofford Heights April 31st Annual Kernville Slalom Kayak April Race Kern Valley Indoor Home & Shopping April Expo - Lake Isabella 11th Annual Kern River Raft Race -April Kernville 6th Annual Discovery Car Show -April Kernville Spring Art-0-Rama Show - Kernville April May 4th Annual Chili Cookoff & Dance -Wofford Heights Memorial Day Parade - Lake Isabella May Children's Fishing Derby - Lake Isabella June Kernville Chamber's Whitewater June Wednesday Country Fair - Lake Isabella June

For further information, please call:

**Kernville Chamber of Commerce** 

P.O. Box 397 • Kernville, CA 93238-0327 • (619) 376-2629

Lake Isabella Chamber of Commerce P.O. Box 567 • Lake Isabella, CA 93240-0567 • (619) 379-5236

Wofford Heights Improvement Group

P.O. Box 341 • Wofford Heights, CA 93285-0341 • (619) 376-4209

From Ice Cream to Specialty Sandwiches



Buy Any Sandwich and Drink and receive a Scoon Ice Cream FREE

Cafe' Kernville (619) 376-3590

Enjoy A Safe & Sane Fourth of July!

# FOR ALL YOUR CAMPING NEEDS

JAMES STORE & JAMES STATION

13432 Sierra Wy., Kernville, CA (619) 376-2424

14606 Hwy. 178, Weldon, CA (619) 378-2207



# ROOM WITH A VIEW!



Enjoy a gorgeous view of Isabella Lake.

# OPENING AUG.

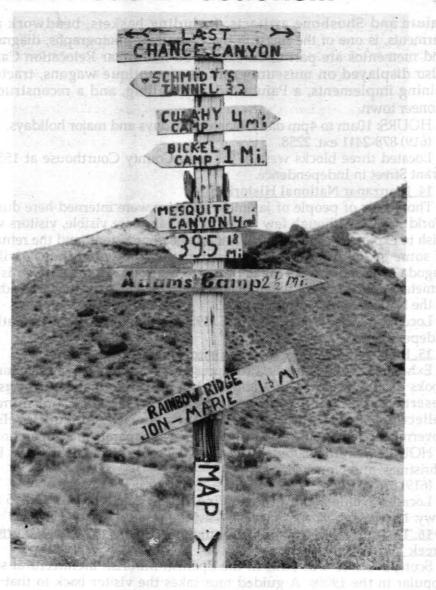
- Completely Remodeled & Landscaped
- Cable TV
- Very Reasonable Rates



BAREWOOD M

7013 Wofford Blvd., Wofford Heights, CA • (619) 376-1910

## Back Road Directions...



# Five Day Tour

intimidating, with their dagger-like leaves. Unique, pod-like, white flowers sprout from the branches each April.

Beyond the Joshua Trees, Walker Pass lies at an elevation of more than 5,000 feet, and offers a spectacular view of the desert valley from high among the pines. The Pacific Crest Trail passes through here, taking hikers on their journey from Mexico to Canada via the Sierra Nevada

The Onyx General Store was established in the late 1800's, land still provides customers with that same old-fashioned service and friendly smile. Try some of their homemade sausages while you're there.

DAY FOUR

The awesome forces of Nature can be seen in the lava flows at Fossil Falls. Black lava cliffs were smoothed and shaped over thousands of years by the waters of the Owens River. Fossil Falls is the site of ancient Indian homesites and petroglyphs. Experienced rock climbers and repellers may want to take the challenge of the dangerously high, smooth cliffs here at the Falls.

Haiwee Reservoir was closed to the public for years, but is now open during fishing season. The crystal clear waters of this lake offers fantastic bass fishing and beautiful scenery.

Further north, in Lone Pine, travelers may recognize the Alabama Hills as the backdrop of many old westerns - featuring the likes of Roy Rogers and Gene Autry. Look closely as you make the scenic drive through these hills and see visions of faces and animals in the shapes of the rocks.

**DAY FIVE** 

East of Ridgecrest via highway 178, travelers are offered a spectacular panoramic view of the Panamint Mountains and the desert valley below. This area is commonly used during testing of experimental aircraft, and

offers a great vantage point for airplane enthusiasts.

Just off highway 190 (leading into Death Valley) travelers will find Darwin Falls to be truly an oasis in the desert! An easy half-mile hike through a canyon brings walkers to the cool waters and lush green of lower Darwin Falls. Don't stop there! Another short hike ends at the rushing waters of the upper falls.

# We Have Below **Market Start**

# Rates

- Fixed-Rate Predictability
- No Neg Am
- More Qualifying Power
- No Payment Shock





Sheila E. Miller & Tim Dedmon (619) 384-2636 350 E. Ridgecrest Blvd. Suite 105

Doug Magit & Mark Shelton (619) 924-2270 800-520-2050 47 Laurel Mtn. Rd. CA DRE LIC. #921887

# EAST TO WEST WE'RE THE BEST!



Ten Speeds

• Exercise Equipment • Racks **Everything You Need!** 



SPECIALIZED

SCHWINN VAKIMA

217 N. Balsam Ridgecrest, CA 93555 (619) 375-4202

# In five days you can see it all

Begin your high desert adventure in Ridgecrest. Located in the northern Mojave Desert, Ridgecrest is easily accessible via highways 395, 14 and 178. Ridgecrest is located just two hours south of Death Valley National Monument, and only 2 1/2 hour drive from metropolitan Los Angeles, or the tranquil Sequoia National Forest.

Ridgecrest is an exciting new travel destination, and is the perfect hub for a wide variety of desert attractions. The unique beauty and history that is the Mojave Desert can be found all around - fascinating geological formations, ancient Indian cultural sites, unspoiled canyon trails, clear blue skies, spectacular sunsets and flawless starlit nights, antique and modern mining operations and endless photographic opportunities.

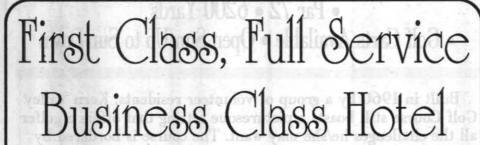
Ridgecrest is also the perfect hub to explore the Eastern Sierra Nevada Mountains. Whitewater rafting, giant sequoias, pack trails among the pines, waterfalls and campsites are all within a short drive from

After a full day of sun, fun and wide open spaces, travelers will appreciate the many amenities Ridgecrest has to offer. We offer first-rate accommodations at affordable prices; Weekend rates are as low as \$39! This town of 30,000 boasts a full range of gift shops, specialty shops and services to meet the visitor's every need.

DAY ONE

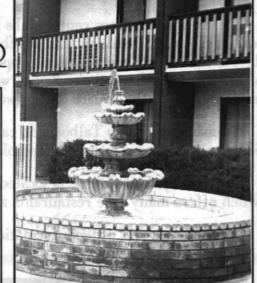
Begin the day in Ridgecrest with a visit to the Maturango Museum. The Maturango Museum offers exhibits and displays featuring both the natural and the cultural history and diversity of the Northern Mojave Desert. They offer changing are displays, lectures, children's activities,

Call the museum at least two weeks in advance to sign up for one of their interpretive tours to Little Petroglyph Canyon. This canyon, located on the grounds of Naval Air Weapons Station, has the largest collection of ancient Indian rock art in North America.



POOL . SPA DINING • BAR

- \* Free Airport Shuttle
- \* Free Breakfast \* Dinner Packages
- Under Perdiem
- \* Spacious Guest Rooms
- ★ Conference Facilities
- ★ 3 Diamond AAA Rating
- \* Business &ervices



The Heritage

1050 N. Norma, Ridgecrest (619) 446-6543

From fishing to revisiting the Gold Rush Days - you can base your travels out of Ridgecrest.

The Naval Air Weapons Station's China Lake Exhibit Center is located on the naval base, but is easily-accessible to the public. This museum features an up-close look at the technical advances made in the defense industry, through research and testing programs here at China Lake. The Sidewinder Missile is just one of the many weapons on display here.

Just twenty miles east of Ridgecrest, the Trona Pinnacles provide an "other-worldly" effect for photographers and other visitors. The Trona Pinnacles comprise North American's most spectacular display of tufa towers. Over 500 towers of stone, some climbing 150 feet into the sky, create the illusion of outer space. Movie fans will recognize the Pinnacles from "Star Trek V".

Step back in time to the wild days of the goldrush in the Rand Mining District. The living ghost town of Randsburg has maintained the look of the late 1800s, when it was a booming gold mining town with over 3,000 residents. Today visitors may stroll through its antique stores, have a sarsaparilla at a genuine soda fountain, or examine a bullet slug still buried in one of the local bars. The Owl, in neighboring town of Red Mountain, is certainly worth a stop. This former "house of ill-repute" still features many of its original furbishings - from the chandeliers to the floor coverings. The Owl offers an antique shop and a one-room bed and breakfast. Guests actually sleep in the madame's chambers, complete with private dressing room and bath - not to mention more of the original furnishings!

Just southwest of Randsburg lies the Desert Tortoise Natural Area. This land is set aside specifically for the protection and preservation of the Desert Tortoise, an endangered species. The NTNA features an informational kiosk display, and self-guided interpretive trails. Visit during April or September to see the Desert Tortoise active!

The Burro Schmidt Tunnel is definitely an example of one man's determination! This 6x6' tunnel was dug by hand through the solid rock of the El Paso Mountains and is approximately 1/2 mile long. It is as safe today as it was upon its completion! Also in this area, take the time to visit Last Chance Canyon. These beautiful pink and white cliffs, dotted with sparkling quartz and opals, are still the site of active mining

DAY THREE

Route 178 East winds its way into the Southern Sierras via a stately Joshua Tree Forest. The gnarled branches of these ancient trees are quite



# **Kern River Valley** Offers Fun For All

They say the Kern River Valley is Southern California's best kept secret when it comes to recreational adventures.

That may have once been true with the expanding recreation theme the area is quickly becoming a prime center for:

**Jet Skiing** Whitewater Rafting Snowmobiling Wind Surfing Snow Skiing **Family Boating** Water Skiing Fishing

Hiking Mountain Bike Riding/Competition

Camping Kayaking Mountain Climbing Hunting

As one can quickly tell the man-made Isabella Lake and the wild and scenic Kern River Valley has transformed the fishing only theme to one which covers an array of family fun activities.

Summer activities are predominant, but the winter season is catching on, too. Shirley Meadows has become a lure to area skiers not wanting to make the long trek to Mammoth or mountains to

With 11,000 surface acres, Isabella Lake is one of the largest reservoirs in Southern California. From fishing (bass, trout, bluegill, crappie and catfish abound) to boating, sailing, waterskiing, jetskiing and wind-surfing, the lake offers one of the best fresh-water recreation site anywhere.

It's also a camper's mecca, with campgrounds ringing the lake as well as up river.

With headwaters near Mt. Whitney, high in the Sierra Nevada, the Kern River is one of the fastest-flowing rivers in the United States. Because of its rugged beauty, Congress has designated both the North and South Forks of the Kern River as Wild and Scenic.

It is known as one of the best whitewater rafting and kayaking rivers in the West, and commercial river outfitters guide thousands of rafting enthusiasts through its pulse-racing rapids each spring and summer.

It's also a favorite destination of trout fishermen.

The Kern Valley is surrounded by Sequoia National Forest - 1.1 million acres of unspoiled beauty, nearly half of which has been designated as wilderness - off-limits to motorized vehicles.

The forest is laced with creeks with native trout, including the Golden Trout, California's state fish.

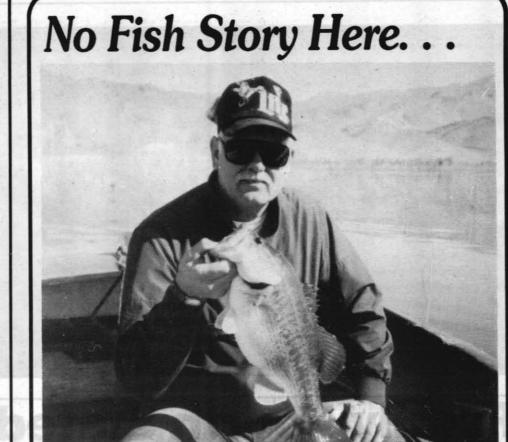
About 50 developed campgrounds dot the forest - nearly 30 of them within an hour of the valley. But if you' rather get off by yourself, there are nearly 1,000 miles of trails to traverse. It's a backpacker's heaven through some of the most beautiful terrain you've ever seen - from lush green meadows to shady pine forests; from towing granite peaks to clear, pure streams.

Paved roads through the forest also let motorists enjoy the wonders of the High Country, land such attractions as Giant Sequoia, fire lookouts, Dome Rock overlook, Sherman Pass, blazing displays of wildflowers and, of course, the jewels of the forest, the many idyllic meadow. Pack a picnic and a camera!

You name it, it's in the Kern River Valley: fantastic lake, river and creek fishing; wet and wild whitewater rafting; downhill and cross-country skiing, breathtaking vistas; camping and hiking; giant sequoias and tall pine forests; icy brooks in verdant Sierra

So come - stay awhile - have fun!

For further information call the Kern River Valley Visitors Council at (619) 379-3867.



This Big One at Lake Isabella Didn't Get Away!







Tackle & Fishing Licenses Cold Beer Soda Pop Groceries Sporting Goods Gas & Propane



# Boat Permits • Dry Storage Waverunner, Pontoon, Ski Boat

Rental • Mooring • Fuel
• Fishing Boats
s operated under a special use permit from
the USDA Forest Service.
An Equal Opportunity Employer

Your Full Service Marina Hwy. 155 French Gulch Recreation Area

Lake Isabella, CA 93240 (619) 379-8774



#### High **Point**

At 14,495 feet, Mt. Whitney is the highest point in the 48 contiguous states. It is here where the Kern watershed begins and ultimately fills Isabella Lake. Many recreational opportunities lay at the base of the

# **Family Fourth Slated by Independence**

Park at 2:00.

The Independence July Fourth Central Committee is gearing up for its annual Independence Day celebration. A flag raising ceremony will kick off the day on July 4, at 6 A.M. in Dehy Park. The Lions Pancake breakfast will start at 6:30, also at Dehy Park.

The arts and crafts show begins at 9:00 on the courthouse lawn and will last all day.

Parade entrants will gather at 9:30 at the corner of Highway 395 and will proceed north on 395 to Wall Street beginning at 10:00. The parade will do its traditional reverse back down 395 to receive awards and ribbons at the judging stand. Parade entries must be returned by Sunday, July 3.



400 S.China Lake Blvd., Ridgecrest • (619) 371-2300



The Bishop Community Band is scheduled to perform after the

parade. The Methodist Women will have Pie & Ice Cream in the park at

1:00 and the Boy Scouts will be hosting Olde Time Kid's Games at Dehy

The Independence Day Pit Barbecue will start at 4:00 P.M. with

The day's celebration is scheduled to end at dark with a Fireworks

For more information on any of the July 4 events, call Joel at 878-2405

Bluegrass music provided by the band South Coast.

display at the Independence Airport.

# **Museums - Visitor Centers**

From Hwy. 203, turn south onto Old Mammoth road and continue nearly one mile crossing over the creek, to a broad right curve; at the curve, turn left onto Sherwin Creek Road and follow the signs to the

8. Devils Postpile National Monument

Devils Postpile is an outstanding example of columnar-jointed basalt, a volcanic formation well-developed in only a few sites in North America. An easy 15-minute walk along the San Joaquin River takes you to the foot of the Postpile's 60-ft. tall columns. Spectacular Rainbow Falls, 101 feet high, is located two miles downstream. Offerings at the Ranger Station include: interpretive displays on volcanic geology, trees and wildflowers; books, slides, maps and postcards for sale; evening campfire programs, guided walks to the Postpile; and wilderness

From Main Street in Mammoth Lakes, turn north on Minaret Road and continue 13.5 miles to Devils Postpile. Road closed due to snow from November to June. Shuttle bus from the Main Lodge at Mammoth Mountain Ski Area is required during busy summer months (fee is

9. Laws Kailroad Museum and Historical Site

The legacy of the last narrow-gauge railroad west of the Rockies is preserved at this site, containing the original 1883 Laws Depot. Laws Post Office, and Agent's House, as well as the locomotive, string of cars and exhibits of railroad memorabilia. Tour the train and museum buildings, which house fascinating collections from Owens Valley pioneer days. Reception center has gifts, books and souvenirs, with a special emphasis on railroads.

HOURS: 10am to 4pm daily

(619) 873-5950.

Located 4 miles north of Bishop on U. S. Hwy. 6. Turn right on Silver

10. Paiute/Shoshone Indian Cultural Center

Explore the Eastern Sierra's rich Native American heritage: excellent





# Kern Valley Golf Course

• Par 72 • 6200 Yards

• Golf Carts Available • Open Sun Up to Sun Down

Built in 1960 by a group of volunteer residents, Kern Valley Golf Course still boasts a picturesque setting that offers a golfer all the challenges he/she may want. The course is bordered by the Kern River and features a very unusual amenity. . . a river bed driving range.

The clubhouse offers rental clubs and sells golf equipment as well as clothing. Breakfast and lunch are also offered seven days a week. Club membership is open to the public and most of the members limit their play to week day golf, allowing the public access to the course on the weekends.

Pro-manager is Bob Talbot who calls the course "one of Southern California's finest nine-hole courses.

Kern Valley Golf Course is located a mile from Kernville which offers many fine restaurants and lodging facilities.

For tee times and other information, call (619) 376-2828.

# Open To The Public

# Kern Valley Golf Course

Hwy. 155 • Kernville • (619) 376-2828

Our already low rates

now thru Sept. 30, 1994.

# Old-time Fourth of July fun on tap in Mammoth Lakes

A rip-roarin' good old time awaits visitors to the Eastern high sierra resort community of Mammoth lakes when it holds its annual Fourth of July Celebration July 1-4.

The celebration includes a Main Street parade, chili cookoff, pancake breakfast, arts and crafts fairs, and volleyball tournaments. There's also Old West Days at Sierra Meadows Ranch, a 10k run, a classic car show, and the first-ever Mammoth National Trout Races and auction. The weekend's festivities culminate in a fantastic fireworks show and picnic at nearby Crowley Lake.

Sunset magazine in its July 1994 issue has aptly dubbed the celebration "Stars and Stripes against a High Sierra background".

While events take place throughout the four days, Sunday's festivities take center stage.

After a sumptuous breakfast of pancakes, visitors and locals line the streets to take in one of Mammoth's most popular events. The Fourth of July Parade is unique in that anyone can enter for free. This makes for a delightful melange of clowns, cowboys, bands, floats, and just about anything folks can think up. Last year's parade featured a car driven by a family of deer with a hunter tied to the hood. You never know quite what to expect.

At the conclusion of the parade people filter into the variety of outdoor events including the annual Eastern Sierra Chili Cookoff. Chili cooks from around the west vie for prize money and glory by trying to concoct the chili that will be chosen as best by a team of experienced judges. There's country western music and dancing, salsa contests, chili tasting, and plenty of sunshine.

Sunday's festivities wrap up about a 10 minute drive from town at breathtaking Crowley Lake. During the afternoon, the lake is the scene

**Boat Salvage** 

& Repair

POOR BOYS

Boat - Motor - Trailer Salvage -

Used Parts - Minor Repairs -

From Props to Power Heads

Evinrude - Johnson - OMC -

McCullough - Elgin - Mercury -Mercruiser - Volvo

**Boat Parts 50% Off** 

Call Today! (619) 379-8301 P.O. Box 6095 Mt. Mesa, Lake



Silence is golden for this fly fisherman.

of picnics, water sports, fishing and live music. As darkness descends, fireworks light up the surrounding mountain peaks and the ink-like lake. It's a spectacular setting for a spectacular show.

Visitors to Mammoth Lakes can choose from a variety of accommodations from first-rate motels to family oriented fully stocked condominiums, rustic cabins and even dormitories for low-cost group travel. Mammoth also boasts more than 50 restaurants with everything

from gourmet to fast food. There are great shops too.
All of this in a setting of magnificent Alpine peaks, pine forests, shimmering lakes and the clean, cool air of the high sierra.

For more information on the Fourth of July Celebration, other summer events or just information about the area phone the Mammoth Lakes Visitors Bureau at 800-367-6572. The Visitors Bureau can also arrange lodging reservation referrals at that same number.



**Ancient Indian Petroglyphics** 

MATURANGO

MUSEUM Visitor Center

Museum Store

Art Gallery **Exhibits** 

Field Trips

MUSEUM





# Here Is Your 'Fun' **Information Directory**

Kernville Chamber of Commerce P.O. Box 397, Kernville, CA 93238 (619) 376-2629

Lake Isabella Chamber of Commerce P.O. Box 567, Lake Isabella, CA 93240 (619) 379-5236

Wofford Heights Improvement Group P.O. Box 341, Wofford Heights, CA 93285 (619) 376-4209

Bishop Chamber of Commerce 690 N. Main St., Bishop, CA 93514 (619) 873-8405

**Bridgeport Chamber of Commerce** P.O. Box 541, Bridgeport, CA 93517 (619) 932-7500

Death Valley Chamber of Commerce #2 Post Office Row, Tecopa, CA 92389 (619) 852-4524

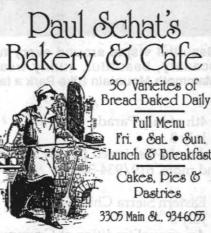
Lee Vining Chamber of Commerce Mono Lake Committee Information Center on 395 P.O. Box 130, Lee Vining, CA 93541 (619) 647-6629

Lone Pine Chamber of Commerce 120 S. Main St., P.O. Box 749, Lone Pine, CA 93545 (619) 876-4444

Mammoth Lakes Visitors Bureau Main Street across from the Post Office P.O. Box 48, Mammoth Lakes, CA 93546 (619) 367-6572 • (619) 934-8006

Ridgecrest Chamber of Commerce 400 N. China Lake Blvd., Ridgecrest, CA 93555 (619) 375-8331

Kern Valley Visitors Council P.O. Box O, Lake Isabella, CA 93240 (619) 379-3667



M•A•M•M•O•T•H "Famously Fresh" on Main Street



• Single and family units • 20'x40' pool

· Kitchenettes available · Barbecue area King, queen, double beds

When you are in the Kern River Valley, look for a friendly face at the

WEST LAKE INN

48 Evans Road (Highway 155) • Wofford Heights



convenient to snow ski area. • Fresh courtesy coffee • Color cable TV

· Free ice · Smoker and non-smoker rooms

WEST LAKE INN Enjoy our clean, comfortable rooms

cheerful down home service, old

fashion affordable lodging from \$24.95. A stone's throw to everything: lake,

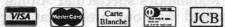
park, theatre, restaurants, stores,

marina, golf course, river, most

Pets welcome (small additional charge)

For Reservations Call (619) 376-6051













# Escape the Heat!

Golf, Tennis, Hiking, Mountain Biking in the cool High Sierra at

# **Snowcreek Resort**

in Mammoth Lakes

Luxury 1-4 Bedroom Condominiums, Fully-equipped

Daily towel exchange, Color cable TV, Phones, FAX available (fee)

Free use of Athletic Club with tennis, swimming, racquetball, hot spas, steam rooms, exercise equipment, and aerobic programs

Preferred T-times at Snowcreek Golf Course (a Ted Robinson designed course)

Discounted green fees

(800) 544-6007

P.O. Box 1647 Old Mammoth Road, Mammoth Lakes, CA 93546 (619) 934-3333



# Mountain Inn's Ultimate Mountain Getaway Package!

► Mammoth Mountain Bike Park

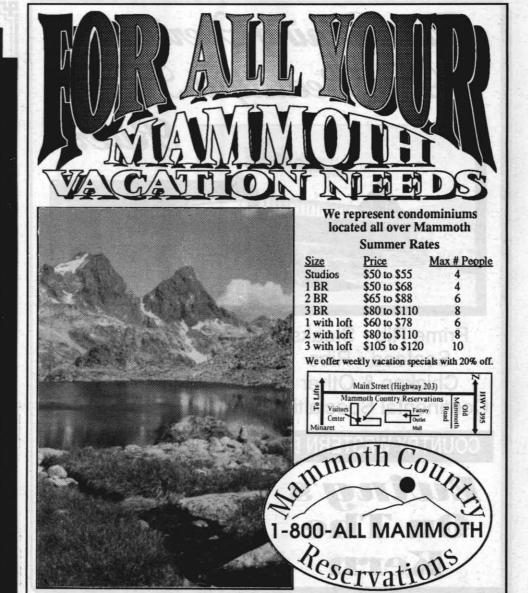
► 32' Climbing Wall

► Ropes & Orienteering Courses

► Hiking, Fishing, Golf & more!

Adventure Lodging Packages for the whole family!

Mammoth Lakes, California



Largest Selection

★ Technical

Paperback/

hardbooks

Cards/Gifts

**Textbooks** 

Computer

of New & Used Books

## In Mammoth...

# **Melting Snow Turns Into Summer Fun Time**

When winter's snows melt, Mammoth becomes a summer vacation paradise the likes of which cannot be surpassed. Summer brings with it warm days, plenty of clear blue skies and activities that are limited only by the imagination of the visitor.

Mammoth's spectacular Alpine peaks, sparkling lakes and flowercovered meadows greet vacationers and recreationists. Fishing season hits its peak. Campers flock to Mammoth's abundant campsites. Cyclists hit the mountain roads. Backpackers explore wilderness backcountry. Sightseers experience natural and historical wonders. Sailboarders glide across windswept lakes.

There's horseback riding, pack trips, ballooning, scenic airplane rides, day hikes, swimming, sailing, hayrides, boating, gondola rides, tennis and golf. Or, you can just get away from it all in a relaxing mountain

Summer in Mammoth also means special events:

Old West Days

The gang at Sierra Meadow Ranch offers up some old west style fun and games for the entire family. Ridin' ropin' and refreshments. 619/934-

Lions Club 10k Run

"The Highest 10k in California", runners challenge themselves and the altitude in this annual event. 619/934-4168.



Beautiful vistas around every turn! The combination of sensational scenery, beautiful, sunny weather and challenging trails makes Mammoth Mountain Bike Park a fabulous place to ride.

4th of July Parade

An old-fashioned parade featuring equestrian entries, floats, doo-dah and more. 619/934-3068.

Eastern Sierra Chili Cook-Off

An annual tradition at Grumpy Park. Great food, music, dancing and plenty of homemade chili. The hottest event this side of Texas. 619/934-

Continued on Page 13







# Summertime In Mammoth

Fireworks at Crowley Lake

A spectacular pyrotechnic display over the lake. There's also a fun barbecue, and plenty of music so get there early and stay late. 619/934-

Mountain Bike World Championships

July 7-10

The best mountain bike riders in the world challenge Mammoth Mountain. Slalom races, dual challenge and the popular kamikaze race highlights this world-class event. 619/934-0651.

Mammoth Lakes Jazz Jubilee

In its sixth season, this event draws bands from across the nation. Fourteen bands perform at nine different venues throughout the town, in one of the hottest new stops on the Dixieland circuit. 619/934-2478.

Sierra Summer Festival of the Performing Arts July 29-August 6

Classical performances by the Eastern Sierra Symphony Orchestra at several locations around town. 619/934-2409.

Children's Fishing Festival

July 30

An event to get the kids hooked on fishing. Tackle, bait and professional instructions are provided. No charge. 619/934-8989 x229.

Fireman's Canoe Races and Picnic

In its 24th year, this event always provides two full days of familyoriented fun and excitement. 619/934-2300.

Mammoth Chart House 5k and 10k Runs

Here's another chance to tackle some high-altitude running. 619/934-

Let the Good Times Roll

In-Line Skating Competition August 13-14

California's highest in-line skating competition. Events include 1k, 5k, and 10k sprint, relay and dual slalom. 619/934-2400.

21st Annual Mammoth Open Tennis Tournament

August 17-21

A tournament for all ages and abilities put on in a fabulous Alpine setting at Snowcreek Athletic Club. 619/934-8511.

Labor Day Arts & Crafts Festival

September 3-5

Artists and craftspersons from throughout the West display and sell their works. Musicians, puppet shows, food and fun in a forested setting. 619/934-7242.





376-2411

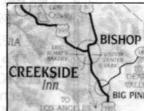
All Major Credit Cards Accepted



CreekSide Inn, in the beautiful Owens Valley, is minutes to camping backpacking, cross country skiing and great trout or bass fishing. . . and we are happy to offer refrigeration facilities for

your trophy catches!
The CreekSide Inn is situated in a peaceful, serene setting. Impeccably

725 North Main Bishop, CA 93514 (619) 872-3044 Fax: (619) 872-1300



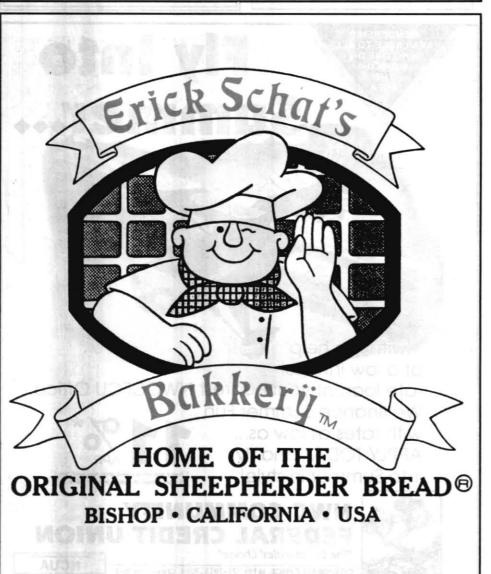
For information and Reservations please call 1-800-273-3550

and pristine stream banked with river

rock. Completing the setting are charm-

ing bridges crossing our namesake creek to the pool and Jacuzzi beyond, with streamside sunken patios for gath-

erings or simply relaxing.



# **Museums - Visitor Centers**

miles east to Bodie. The last 3 miles are unpaved. Road subject to snow closures in winter.

3. Mono Basin National Forest Scenic Area Visitor Center

Featuring interpretive activities and exhibits on Mono Lake, an inland sea at least 700,000 years old. Visitors can view fanciful tufa towers, young volcanoes, huge flocks of migrating birds, and the lake's deep-blue waters. Two galleries are showcased, including the "At Mono Lake" photo exhibit and a changing art exhibit. Regular showings of the film, 'Of Ice and Fire". Bookstore features natural and cultural history publications about the region.

HOURS: Open daily (summer); Thursday through Monday (winter) (619) 647-6572.

Located on U. S. 395 just north of Lee Vining, on a bluff overlooking Mono Lake.

4. Old School House - Mono Basin Historical Museum

Located in Lee Vining's old school house, built in 1925. Displaying both commonplace and delightfully odd artifacts, photographs and equipment chronicling the cultural history of Mono Basin. Outside exhibits feature farming and mining equipment.
HOURS: 12 noon to 8pm Thursday through Sunday (summer only)

(619) 647-6461.

Located adjacent to Hess Park on the east side of Lee Vining. 5. Mono Lake Committee Information Center And Bookstore

The Mono Lake Committee leads the battle to protect Mono Lake from the effects of water diversions. Educational displays, free Mono Lake slide shows and interpretive tours. Store features maps, nature gifts and an extensive collection of regional and environmental books.

HOUSE: 9am to 9pm daily (summer); 9am to 5pm daily (winter) (619) 647-6595

Located along U.S. 395 in the center of Lee Vining.

6. Mammoth Lakes Ranger District Visitor Center Exhibits on geology and human and natural history are featured at

the Visitor Center. Visitor information, natural history bookstore, and wilderness permits. Interpretive programs offered July 1 through Labor Day, featuring wildlife, geology, history, wildflowers, junior rangers, campfire programs and more! On the Inyo National Forest.

HOURS: 6am to 5pm daily (July 1-Sept. 15)

8am to 4:30pm Monday-Saturday (Sept. 15-Memorial Day)

(619) 924-5500 24-hour recording: (619) 934-1094. Located on Hwy. 203 in Mammoth Lakes, 3 miles west of U. S. 395.

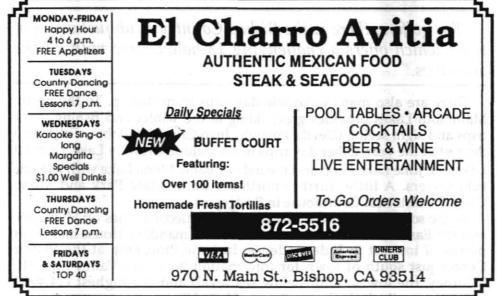
7. Mammoth Museum

This authentic log cabin was hand-crafted by Mammoth pioneer Emmet Hayden in 1927. Exhibits feature old mining equipment, memorabilia and photos of early-day Mammoth Camp. Situated on the edge of a scenic meadow along Mammoth Creek, with picnic tables and a view of the dramatic Sherwin peaks. Mining equipment is demonstrated weekends during summer.

HOURS: 11am to 6pm daily, summer only (July 1-Oct. 1)

Open by request any time, Under permit by the Inyo National Forest. (619) 934-6918 (619) 934-8983.

Continued on Page 15



# Day Long Independence Day Celebration In KRV

Fourth of July has been moved up two days early when it comes to celebration time in the Kern River Valley.

The annual celebration will be celebrated on Saturday, July 2. The Saturday date was picked because of the visitors who flock to the Lake Isabella area for the annual holiday.

The Independence Day celebration is sponsored by the Wofford Heights Improvement Group. The event kicks off at 11 a.m. Saturday with a parade (broadcast live by radio station KVLI-104.5 FM) and continues throughout the day with a carnival-type atmosphere at Wofford Heights Park. Food, fun, crafts and games will highlight the day with the fireworks display set for 9 p.m. followed by a country western band and dancing until midnight.



**Peaceful River Setting** 

with Rustic Country

Charm!

• Pets & Children

Welcome

Major Credit Cards Accepted

River View Lodge

On the banks of the Kern River,

Kernville, CA (619) 376-6019

Continental Breakfast

**Fishing Rods** Reels

 Lures **New Sterling** 

Jewelry . Cards Antique Furniture, Glass Pottery

11305 Kernville Rd. Kernville, CA • 376-3406

Fishing, Fun, and Food

Mini-Mart with a complete line of Bait, Tackle, Beverages, Fuel, Mooring, and **BOAT PERMITS/FISHING LICENSES** 

**RED'S** Kern Valley Marina 9517 Highway 178 Lake Isabella, CA 93240

(619) 379-1634

GENUINE HOSPITALITY

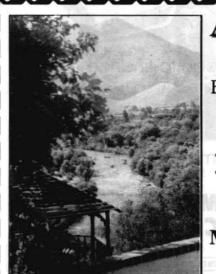
RED's Kern Valley Marina Operates on a Non-Discriminatory under a Special Use Permit with Sequoia National Forest Serv

# **SEA-DOO RENTALS**

damage deposit required. COUPON MUST ACCOMANY RENTAL. Offer good 7/5/94 8/3094.

FISHING BOAT RENTALS

for fuel, damage deposit required. COUPON MUST ACCOMANY RENTAL. Offer good



# A View with the Room!

Enjoy A Scenic View Overlooking the Beautiful Kern River!

#### Rooms Include:

- Refrigerated Air Swimming Pool Cable Color TV
- · Kitchen Facilities Most Major Credit Cards Welcomed

Maples

McCambridge Lodge Motel 13525 Sierra Way • Kernville, CA 93238

(619 376-2288

"One Square Block Filled With Boats

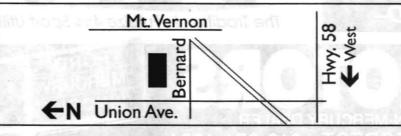
Authorized Johnson dealer for Central California

Present this coupon and receive 1 extra year warranty with any Johnson Motor purchase

GALEY'S

404 Bernard St. • Bakersfield, CA Expires 7-31-94







- · Bass Boats
- Cabin Boats
- Paddle Boats
- Family Boats
- Pontoon Boats Fishing Boats
- Offshore Boats
- Runabout Boats
- Inflatable Boats
- Tournament Boats

GALEY'S MARINE

404 Bernard St. • Bakersfield, CA 93305 805 327-5711

"Boating is our business, not a sideline."

(across from the City Park)





Jet skiing abounds at Lake Isabella.

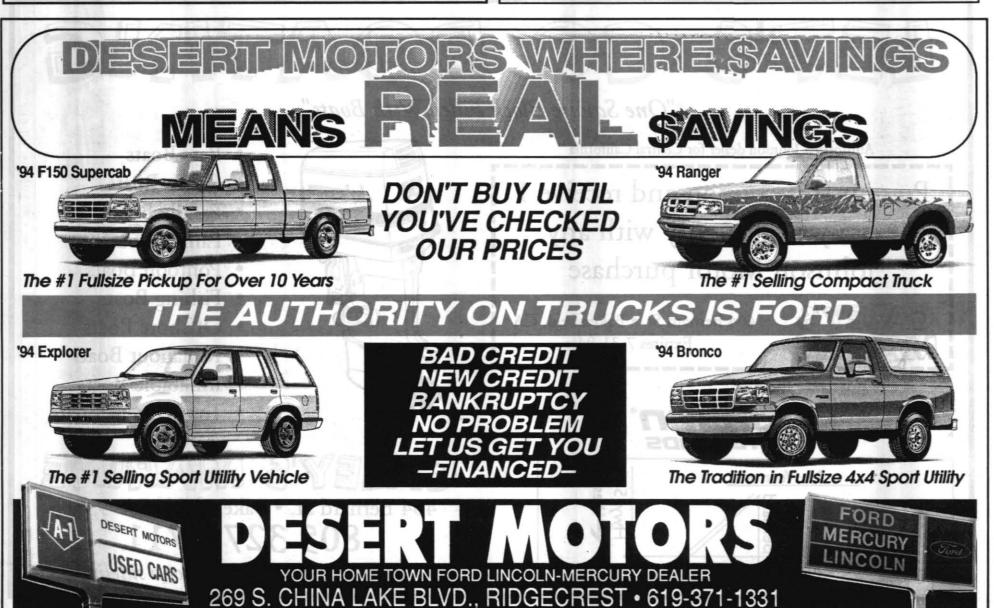
# Simply the best.

- Luxury Accommodations ♦ Sandpiper's Restaurant &
- Lounge & Cafe' Potpourri
- ♦ Full Service Catering Wedding Planning
- Convention Facilities



**M.** Carriage Inn

901 N. China Lake Blvd. & Ridgecrest & 446-7910



# 'Good Old Days' fun lures Bishop visitors

Bishop is nestled at the north end of the Owens Valley, between the majestic Sierra Nevada and the White Mountain ranges.

It had its beginning the 1861 when Samuel A. Bishop drove his cattle herds into this valley and established headquarters on a creek about three miles southwest of the present town. His name was given to the stream (Bishop Creek) and to the settlement, which arose near it.

In 1903, the 540 residents voted almost unanimously to incorporate. Today Bishop's residents are fortunate to live in a year-round vacation land. The seasons provide almost unlimited recreational choices; fishing, hunting, backpacking, hang gliding, pack trips, cycling, 4x4 driving and geological exploring. Fall in Bishop is a paradise for photographers looking for brilliant autumn colors - no need to go to New England.

"There are also many enjoyable day trips from Bishop. To the north, Mammoth Lakes provides great skiing in the winter and fishing, pack trips and sight seeing (Devil's Postpile, Inyo Craters, Rainbow Falls, etc.) the rest of the year. Other day trips north include Crowley Lake, Convict Lake, the June Lake Loop and the indescribable Mono Lake with its eerie tufa towers. A little further north are Bodie State Park and Mono County's historical Courthouse in Bridgeport."

For games, exercise, or just relaxation, there is the beautiful city park on north Main Street. It is comprised of 40 acres of lawn, shade trees, picnic areas, swimming pool, tennis courts, baseball diamonds and a lake with a restful pavilion in the center. There is even a jogging course on the path around the lake and places for volleyball and roller skating. And to take you back to the "good old days," during the summer months a volunteer band plays a medley of toe-tapping tunes from the gazebo at the front of the park.

While visiting the park, be sure to stop in at the Chamber of Commerce building. The friendly folks there will gladly provide you with more detailed information on Bishop and vicinity.

There are other parks nearby, including Bulpitt Park on West Line Street, which is mostly reserved for group picnics and barbecues, and the Millpond recreational complex about six miles northwest of town which offers lake swimming, horseshoe pitching, picnicking, softball fields, tennis courts, a playground, a BMX track for cyclists, an RV park and equestrian center. And while you're out in that area, stop and watch the Eastern Sierra Flyers put their model airplanes through intricate maneuvers at their location on Ed Powers Road.

For golfers, there is the Bishop Country Club just south of town which offers a challenging 18-hole course with all the amenities.

There are two fine museums in the vicinity; the Laws Railroad Museum on Hwy. 6, about three miles north of town, which will transport you back to the days of the "Slim Princess" narrow gauge train, and the Paiute Shoshone Indian Cultural Center on West Line Street.

"For golfers, there is the Bishop Country Club just south of town which offers a challenging 18-hole course with all the amenities."

There are also many enjoyable day trips from Bishop. To the north, Mammoth Lakes provides great skiing in the winter and fishing, pack trips and sight seeing (Devil's Postpile, Inyo Craters, Rainbow Falls, etc.) the rest of the year. Other day trips north include Crowley Lake, Convict Lake, the June Lake Loop and the indescribable Mono Lake with its eerie tufa towers. A little further north are Bodie State Park and Mono County's historical Courthouse in Bridgeport.

To the south you can visit the Ancient Bristlecone Pines off Hwy. 168, and the Eastern California Museum, the Commander's House and other points of interest in Independence. In Lone Pine, stop at the Visitor Center just south of town for information on Death Valley and Mt. Whitney, the lowest (282' below sea level) and the highest (14,495') points, respectively, in the contiguous United States.



**Ancient Bristlecone Pines near** Bishop.

Play It Smart... **Enjoy A** Safe & Sane Fourth of July!



Approved • • •

- On the Wild Scenic Kern River
- Private Baths
- River Views
- Fireplaces · Whirlpool Tubs
- K & Q Brass Beds
- Full Breakfast
- · Afternoon Refreshments
- No Smoking Indoors
- No Pets
- \$79 \$89 + Tax
- Gift Certificates

P.O. Box 1725

119 Kern River Drive Kernville, CA 93238 (619) 376-6750

