

Competency exam for CSUB/CSUC undergrads scheduled for Jan. 19

The Upper Division Writing Competency Examination will be given Jan. 19, 1993. CSU, Bakersfield and CSU, Chico undergraduate students may satisfy the writing competency requirements by passing this examination.

CSU, Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to

taking this writing examination.

CSU, Chico undergraduate students planning to take CSCI 172: Systems Architecture must pass the writing exam prior to the beginning of the course.

The examination fee is \$12. Checks must be made payable to CSU, Bakersfield.

Contact Denise at 939-2648 to arrange to take the exam.

NAVY HOTLINE

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



Peace on Earth

Best wishes,
Elaine Buchanan
Advertising Rep

EARTHQUAKE insurance

NOW AVAILABLE

If your present insurance company still can't offer you Earthquake insurance then maybe this would be the best time to change over to an insurance company that offers this important coverage, State Farm Insurance. When it comes to Earthquake insurance State Farm is the largest, strongest and best company to have in your corner. And only Gary Charlon-State Farm Insurance can offer you the following:

- ✓ Free video taping of your homes contents
- ✓ Open on Saturdays
- ✓ 24 hour emergency number
- ✓ Evening appointments
- ✓ Quickest claim service available

Call our office today for a free quote

375-5091

Gary Charlon, Agent
STATE FARM INSURANCE
425 W. Drummond Avenue
375-5091

Navy Channel 17

Monday - Friday, December 21-25

5:30 p.m.: Navy News This Week

6:00 p.m.: 1991 Kemper Open

6:25 p.m.: They Shouldn't Call Iceland Iceland

6:53 p.m.: Chalk Talk on Counseling

7:15 p.m.: Local News — Recycling

KNID

---- : CH 17

Rack Mount Computers 486 33MHz \$2,495

Complete system with 256K cache, separate I/O-bus clock, socket for Weitek 4167 coprocessor, true 33MHz 486 CPU & chipset, 120MB super-high performance hard drive, 4MB RAM, one parallel & two serial ports, 1.2MB/360K floppy disk drive & 1.44MB floppy disk drive, 1024x768x256-colors 1MB VGA noninterlaced monitor & card, Microsoft-compatible mouse, 101 enhanced keyboard, Windows 3.1, MS-DOS 5.0. with system and monitor each in their own standard rack mount case. No-hassle 3-year parts & labor warranty on entire system. Add a CD-ROM drive for \$220. Local Bus version & local bus cards available for all our 486 systems. Complete 486DX system with 14" monitor and computer rack mounted, only \$2,295. These are off-the-shelf products, stock to one week delivery. Rack mounted

Macintosh systems are available, one week delivery. We have rack mount solutions for most needs: data capture & signal processing cards, printers, line conditioners, more.

Computing Technology's
Computer Store
251 Balsam Street 375-5744

COLOR

The word gets *your* attention.
Imagine how Full Color will get *their* attention.

- Full color reports and overhead viewgraphs
- Color photo enlargements and reductions
- Letterhead and Stationery
- Invitations and Greeting Cards
- T-shirt transfers, buttons, badges
- Typesetting and Layout Service Available

*Government Credit Card and BPA accepted,
Government Pricing Available

Aide Stationers

Office Supplies
Business Furniture

209 W. Ridgecrest Blvd
Monday thru Friday 8am to 6pm
Saturday 10am to 5pm

375-7733

THE ROCKETEER

THURSDAY, DECEMBER 17, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

VOL. 48, No. 50



Season's Greetings

CLASSIC CHRISTMAS—Wreaths are becoming popular decorations for truck grilles—from minis to 18-wheelers—but this one is special, since it's attached to AEAN Brent Oliver's "cherry" 1959 Chevy pickup, conveniently painted bright red. Airman Oliver has been stationed at NAVWS China Lake for 15 months, but only recently brought his pickup to the Station.

Photo by Terry Pascarella

Hutmacher earns 1992 Hays Award

Bill Hutmacher, a China Laker since 1972, won the 1992 B.W. Hays Award for Production Support at ceremonies held Monday afternoon. "He exemplifies what production support is all about," said Burrell Hays of the fourth member of the Engineering Department to capture this honor.

Matt Anderson, head of the Engineering Department in the Naval Air Warfare Center Weapons Division, noted Hutmacher and the three winners of Golden Rung Awards were examples of excellence in the overall production support effort at China Lake and NAWCWPNS. The winner heads the Systems Electronics Branch in Code C25 Systems Engineering Division.

Joining Hutmacher as honored employees this year were Bret A. Combs, of the Microelectronics Branch, James Walters of the Missile Guidance Branch and Mary Beth Borst of the Missile Systems Branch.

"This award is very important to me," commented Hutmacher, "it is a significant honor." He also noted he firmly believed in the saying, "if you do production support correctly, you'll have successes" and in the "hands-on experience" called for in the Hays Award motto.

Hays, a former head of the Engineering Department and technical director for the Naval Weapons Center, retired in 1986 and established this special award in 1989.

In his remarks, Hays noted he sees exciting opportunities in the future for people who know production support and who understand the production process. He added that he expected growth in the kind of work the NAWCWPNS Engineering Department employees do after 1995.

In praising Hutmacher, this year's award winner, Hays noted he began his production support career working on the Sidewinder AIM-9L effort. He is someone who typifies the motto of the Hays Award, "without the hands-on experience, the China Lake way is impossible."

Previous winners of the Excellence in Production Support winners were Steve Tanna in 1991, Terry Kuhlman in 1990 and Jim Suhr in 1989. The B.W. Hays Award promotes visibility for the production support role and recognition for individuals whose outstanding work has been of special value to the overall production support effort. Nominees are expected to have demonstrated innovative approaches in solving production problems or issues, developed and adopted significant methodology changes in the application of production support disciplines, represented the Engineering Department and NAWCWPNS in the production support of weapons and demonstrated creativity and innovation in the application of technical skills to production support of weapons.

Please see **HAYS**, Page 5

Rocketeer to go biweekly in January

From the Public Affairs Officer:

These are times of transition in the Department of Defense, and China Lake is no exception. Many changes have taken place here over the past year through consolidation and realignment. All departments are feeling the budget crunch, and the Naval Air Weapons Station public affairs staff is no exception.

Due to the need to reduce overhead budget expenditures, numerous public affairs endeavors will be streamlined or cut back, including *The Rocketeer*. Starting with Thursday, Jan. 14, 1993, the newspaper will be published biweekly—on Thursdays of payday weeks only. Because the

Please see **CUT BACK**, Page 5

Pierre St. Amand

Former co-workers
discuss the man
and his career

6

Fluid energy mill installed at Salt Wells

Advances propellant
processing technology
at NAWCWPNS

8

Fire safe Christmas

China Lake Fire Division
offers fire-wise
holiday tips

11



Peace

From the staff of
The Rocketeer

Weather

	Max.	Min.	Gusts	Humidity
Wed	61	32	4	88-49%
Thurs	64	46	6	80-48%
Fri	64	36	20	88-31%
Sat	57	36	21	—
Sun	60	40	28	—
Mon	62	29	7	59-20%
Tues	60	26	9	79-24%



China Lake Calendar

Saturday, Dec. 19

• Breakfast with Santa, 9 a.m.-noon, Seafarer Club

Tuesday, Dec. 22

• Holiday Singing Concert, 6:30-7:30 p.m., Youth Center

Christmas Day

• Free golfing at China Lake Golf Course (Pro Shop and snack bar will be closed)

Thursday, Dec. 31

• Kids New Year's Eve Lock-in Party, 8 p.m.-8 a.m., Youth Center. For ages 5 through 12.

• Teen New Year's Eve Dance/Party, 8 p.m.-1 a.m., Seafarer Club

Friday, Jan. 1

• Polar Bear Plunge, 10 a.m. China Lake Community Pool

• New Year's Day Golf Tournament, China Lake Golf Course

Thursday, Jan. 7

• Bill Porter Retirement Party, 6 p.m., Kerr-McGee Center

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION

COMMANDER

RAADM. William E. Newman

VICE COMMANDER

Capt. Douglas W. Cook

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

William Porter

DEPUTY COMMANDER FOR TEST AND EVALUATION

Gerald Wroat

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. B. J. Craig Jr.

Public Affairs Officer

CATHY PARTUSCH

Managing Editor

STEVE BOSTER

Editor

BARRY McDONALD

Staff Writer

PEGGY SHOAF

Photographer

TERRY PASCARELLA

Staff

KATHI RAMONT

Published by High Desert Newspapers, Inc., 224 East Ridgcrest Blvd., Ridgecrest, CA 93555, (819) 375-4481. This commercial enterprise (CE) newspaper is an authorized publication. Contents of THE ROCKETEER 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.

Deadlines for receiving stories and photos is 4 p.m., Friday for publication on the following Thursday. 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 NAVS, 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. Everything 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, user, or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising.



The Commanding Officer's Desktop



The Commanding Officer's Desktop phone line, 939-4127 is no longer in service. Commanding Officer's Desktop questions can be mailed to CO's Desktop, C/O Code C08033, NAWS, China Lake 93555, or, using guard mail, address the envelope to CO's Desktop, Code C08033. Questions can still be sent in anonymously, but for a personal reply, please include your name, code and telephone number. If further information is needed, please call 939-3354.

QUESTION

I was led to believe that the rebadging process that recently occurred was for the purpose of tightening security and limiting access of areas to those that work there. It also included updating the vehicle base stickers for all employees that work aboard this installation. With this in mind, why are vehicles of base employees with no stickers, permanent or temporary, allowed to pass through the gates of China Lake?

Since the Persian Gulf crisis is behind us I understand the cut back in some of the security measures was necessary. All anyone has to do is show a China Lake badge as they approach the gate guard and they are waved aboard, no questions asked. Allowing an unregistered vehicle to pass through the gates seems to go against the whole costly reason for rebadging everyone that works on the base. How does the gate guard know the badge belongs to the individual driving the vehicle? The badge could have been lost or stolen. Also, with no sticker on the vehicle, how does the security department know who belongs to that vehicle if it were parked/abandoned near one of the secure buildings/areas? As soon as that vehicle enters the gate we have lost control of it.

Having a base sticker also insures that the driver is properly/legally covered by insurance, has a valid drivers license and understands the rules and regulations of the base. Again, we have lost control of the whole reason behind rebadging the employees of China Lake, SECURITY.

ANSWER

The rebadging and vehicle re-registration effort were two separate actions, not directly related. Our rebadging effort was designed to enhance the security of our restricted areas. Vehicle registration was updated primarily as a convenience to employees. Since badges and vehicle decals expire simultaneously, employees were given the opportunity to reregister their vehicles and save a trip to the Visitors Center. Re-registration of vehicles was not mandated. A secondary goal was to assist employees in de-registering vehicles that were disposed of without the decal having been removed.

The current policy is that only vehicles entering restricted areas are required to have decals. Persons accessing non restricted areas on Station (e.g., community area, gym, base exchange, commissary, public schools, etc.) need only present proper identification (employee badge, military/civilian identification card, community pass, or driver's license) and have a legitimate reason for access. With the exception of periodic THREATCONS, when more stringent procedures were enforced, this policy has remained the same for workday access for six years.

The decal number on a vehicle identifies the registered owner in the same way as a license plate number. The owner of a parked or abandoned vehicle can be identified by the decal or license plate and there is no loss of control. A decal does not ensure that a driver is properly/legally covered by insurance (which can be canceled the day after the decal is issued). A decal does not ensure that a driver understands Station rules and regulations (when a less experienced family member is driving the vehicle). Current OPNAV authorized procedures permits employees to certify that they have the required insurance and understand the adverse ramifications of driving on station without required insurance.

Your concerns are appreciated. The Safety and Security Department periodically reviews current vehicle registration procedures. Requiring all vehicles to have a decal before ingress to the Naval Air Weapons Station would appreciably enhance security, however, it is not warranted at this time.

Pages From The Past

December 17, 1982

Don Decker, Robert Smith, Jack Johantgen and Capt. Gerald Lee were the four latest China Lake winners to win the coveted Michelson Laboratories Award; Capt. J.J. Lahr and Burrell Hayes made the presentations. . . Cleveland Amory, president of the Fund for Animals visited China Lake to see wild horses from NWC ranges available for adoption. . . Cdr. J.W. Kincheloe is ending a 31-year active duty career on Dec. 29. . . NWC fire fighters are busy collecting toys to give to children at Porterville State Hospital. . . Pan Am World Services won a contract for base support services, affecting 295 government employees now doing that work.

December 15, 1972

Walter LaDassor, 47, and Richard Plauson, 36, of the Propulsion Development Department were killed in an accident involving explosive ordnance in a remote area of NWC. . . The Air Force brought high altitude balloons and 12 airmen to China Lake for a joint service test series. . . John Eisel of the Research Department used an NWC Fellowship to earn his Ph.D. in chemical engineering from the University of Utah. . . Cdr. Gary Bailey is now chairman of the Commissioned Officers Mess governing board. . . Special Services and the NWC Youth Center selected Lori Kunkel as the "top girl gridironer" said a Rocketeer headline.

December 14, 1962

Hal Bennett and J.O. Porteus of the Research Department, teamed up and won "Best Paper" honors from the Scientific Research Society of America. . . NOTS ballroomist William C. White, soared to 85,000 feet after launching the "Stargazer" from Holloman AFB, N.M. . . V-5 received its first A-4E Skyhawk. . . Headed by LCDR. Paul O. Erickson, the China Lake Seabee Division 11-2 won its seventh "E" pennant. . . Mr. & Mrs. Joe E. Smith, 404-B Princeton took "Home Beautiful" honors. . . NOTS Executive Officer, Capt. John A. Quense, has been hospitalized at the San Diego Naval Hospital. . . The first and only police woman at NOTS, Sgt. Edna Kelley, retired after 16 years of duty here.

December 17, 1952

William Urban of the Explosives Department received a \$1,000 scholarship from the Supervisors' Association as the outstanding graduate of the apprentice graduating class. . . George Wilson won the new Buick in the Supervisors' Association drawing. . . Lack of interest resulted in the disbanding of the Ridgecrest Ground Observers Corps according to Civil Defense officials. . . George Johnson of Public Works was the victim of the first car crash on the Switzer Traffic Circle; the car suffered two flat tires, a bent rim and a bent tie rod. . . John S. Rinehard of the Physics Division is presenting lectures at Harvard University. . . Don S. Villars is the new NOTS Research Society president, succeeding W.B. Plum.

RENTAL SERVICE

open 7 days
375-3855

COLDWELL BANKER

BEST REALTY

710 N. China Lake Blvd.
INDEPENDENTLY OWNED & OPERATED

Vacation at Home?

Hacienda Court Apartments

- Swimming
- Raquetball
- Weight Room
- Billards
- Maid Service

rent by day, week or month

150 W. Miguel Ct. 375-5066

Multimedia Kit

Complete, fully MPC compatible multimedia kit includes high-performance Panasonic CD-ROM drive, Sound Blaster Pro with 4W stereo amplifier, joy-stick/MIDI port, 5-source mixer, American Heritage Dictionary, Bartlett's Familiar Quotations, Concise Columbia Encyclopedia, Hammond's Atlas, World Almanac & Book of Facts. By Creative Labs. List \$649, only \$479. We'll install the whole kit for \$25. **CD-ROMs: lots in stock...** We stock a wide range of multimedia & standard CD-ROM packages at **discount prices**. Lots of games, encyclopedias, reference works, kids' stuff, lots more. Come use our on-line index to 2900 CD-ROMs.

Computing Technology's

Computer Store
251 Balsam Street 375-5744

Take a step in the right direction and write today for the free Consumer Information Catalog. Just send your name and address to:

Consumer Information Center
Department MT
Pueblo, Colorado 81009



A public service of this publication and the Consumer Information Center of the U.S. General Services Administration.

China Lake has 288 show up at Clinic to assist DoD's Marrow Donor Program

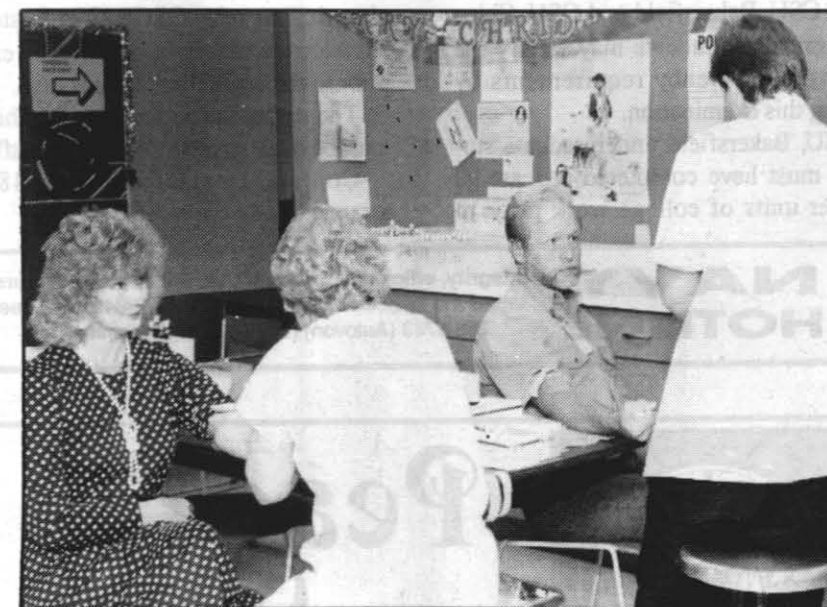


Photo by Terry Pascarella

BONE MARROW SUCCESS—Blood tests were given to 288 China Lake residents at the Branch Medical Clinic on Dec. 8 and 9 for the purpose of being placed on the registry of the DoD Marrow Donor Program. An additional 100 people are scheduled for testing on Jan. 7, which is the last day of the drive. Appointments are still available for active duty military and their dependents, and DoD civilian employees between the ages of 18 and 55 who are generally in good health. Please call the Wellness Program Office, 939-2468, for information or an appointment. The office expressed its great appreciation for all those who have or will participate in the program.

ROCKETEER CLASSIFIEDS

TO PLACE AN AD
CALL 375-4481

OR DROP IT BY

The Daily Independent

224 East Ridgcrest Blvd.

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.....\$2.00 Flat
Each additional word after 20 words.....10¢ each

CLASSIFICATIONS

PERSONALS.....1
LOST & FOUND.....5
HELP WANTED.....10
CHURCHES.....12
SERVICES/SCHOOLS.....15
RENTALS.....20
REAL ESTATE.....25
BUSINESSES.....30
AUTOMOTIVE.....35
MISC. FOR SALE.....40
PETS & SUPPLIES.....45
GARAGE SALES.....50

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 P.M. TUESDAY

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 P.M. TUESDAY

15 SERVICES/SCHOOLS

ROBERT EDWARDS PAINTING - Serving the area since 1979. Call for an estimate 375-1439. Lic. #427485. (1231)

DROP-IN DAYCARE available while you Christmas shop (in town or out), run errands, clean your house, work on that special project or just need time alone. Monday-Thursday, days and evenings. \$1.50 per hour. Call Crystal at 446-3448. (1217)

20 RENTALS

MODERN, clean, 1BR w/walk-in closet, stove, refrig., microwave, pool, on-site laundry, W/T paid. \$325/mo. + dep. Call 371-4984 after 5 p.m. (1217)

2BR APT. w/d hookups in gar. Ceiling fan, G/D, D/W, fenced-in backyard, FP. 371-2238 or 371-5071. (0107)

2BR APT upstairs, small yard & balcony. D/W, G/D, refrig., gar. \$400/mo. with a 9 mo. lease. Also have 3BR Apt. Call Dave at 384-3283. (1217)

35 AUTOMOTIVE

1981 BUICK PARK AVENUE. \$1,500. 375-8646. (1217)

'79 GMC SIERRA GRANDE 4x4 pickup w/shell 350 V8 4 spd., A/C, PB, PS, dual tanks, hitch, \$4,000, 446-7720. (1217)

1980 PLYMOUTH Arrow pickup. Its old but it's in incredible cond. Less than 60k miles and runs like a dream. Good mileage, camper shell, newly upholstered interior, dynamite AM/FM/CASS. sound system. First \$2,500 takes it! 375-4197 eves/wkends or lv. msg. (1217)

40 MISC. FOR SALE

CHILDCRAFT CRIB/YOUTH BED, matching 4 drawer dresser/changing table. White with primary color trim. FREE waterbed crib mattress. \$350. 446-3448. (1217)

FOR SALE - 3 pc. living room set. Earth tone colors \$450 OBO. 446-9633 after 4 p.m. (1217)

40 MISC. FOR SALE

'64 SKI BOAT 15', 90 Hp rebuilt eng., new seats, 18 gal. fuel tank, skis, ropes. Needs lower end work. \$500 OBO. 446-7720. (1217)

3'x4' WOOD DESK w/files. \$100, 446-7720. (1217)

KING SIZE MATTRESS, box springs, \$100. 375-4197 eves/wkends or lv. msg. (1217)

VACATION/SKI RESORT avail. for 1 week. Rent a week at a resort of your choice for \$795. (EX Tahoe, Hawaii, Florida, Europe, etc.) Sleeps 6. 446-6197. (1217)

45 PETS & SUPPLIES

PET GROOMING in my home (on base). Lots of TLC. Call for appt. 446-6399. (1217)

POT BELLIED black & white mini registered male & female piglets. \$250-\$600 each. 377-5807. (1217)

BABY COCKATEILS - \$20 and up. You can hand feed or I will. 377-4419. (1217)

Holiday Safety Tip Corner

The City of Ridgecrest Police Department is proud to join with The Daily Independent in encouraging all citizens to take special precautions this month to insure a safe and joyful holiday season. The holidays are a special time of year. However, statistics indicate citizens' continued vulnerability to burglary, robbery, and other crimes during the holiday season. Check this space for some tips to help you avoid becoming a victim of crime.

Avoid Carrying Large Amounts of Cash. Pay for Purchases With a Check or Credit Card When Possible.



COMMUNITY EVENTS

On Saturday Dec. 19, The High Sierra Cyclists bike club will hold its fourth annual Christmas light ride. This slow-paced ride starts at 6:30 p.m. from Frisbee's Bike Shop on Balsam Street and will wind through selected neighborhoods of Ridgecrest observing the holiday decorations. The ride will cover about 5-8 miles and take about 60-90 minutes. Limited free child care will be available to riders. At the conclusion of the ride, participants will enjoy a hot cocoa, hot cider and dessert buffet. Riders will vote for their favorite decorated home

and the club will present a gift to the residents of the winning home. This event is open to all participants at no cost, but optional donations of nonperishable food items or unwrapped gifts will be accepted for inclusion in the clubs Christmas food baskets. Legal lighting, warm clothing, and a holiday spirit are all the special equipment you will need for this ride. For further information contact Joe or Marlene DeLory at 375-0325.

#

Santa Claus is flying in for the third annual Holiday Hullabaloo at the Community Connection for Child Care on Thursday, Dec. 17. The Hullabaloo will be in two sessions this year, from 10 a.m. to 11 a.m. and from 11 a.m. to noon. Refreshments will be served. Remember to bring a camera to catch a photo of the children with Santa. Caregivers and parents are advised to sign up early (space is limited) by calling the Community Connection at 375-3234.

#

Community Connection for Child Care parenting tape for the week of Dec. 22 to Dec. 28 is entitled "Nutrition Needs." Information on nutrition, portions and introducing new foods. This 3 to 4 minute tape can be heard from 5 p.m. to 10 a.m. by calling 375-0446.

#

The Rev. Dr. Edward E. Jayne, pastor of the United Methodist Church is offering to church members and the community an Effective Communication in Marriage Workshop beginning on Tuesday Jan. 5 at 7 p.m. Pre-registration will be taken by phone at 375-7434. There will be a \$20.00 fee per couple to cover materials.

#

Fatemeh Holste, Professor of Art and Gallery Director at Mt. San Antonio College, Walnut, California, will exhibit a selection of oil paintings entitled "Canyon Series" at the Maturango Museum beginning Jan. 9. A preview reception for members will be held Jan. 8 from 7-9 p.m. including a presentation by the artist.

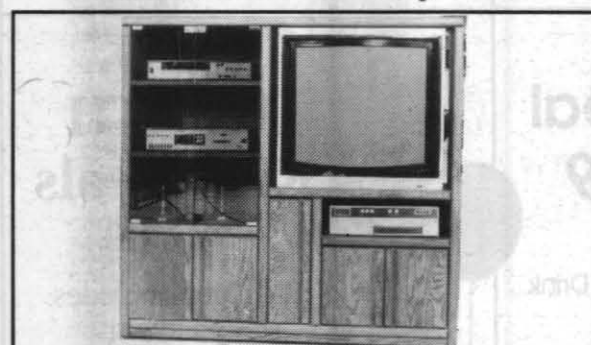


Santa isn't the only one who delivers!

Oak Specialties will be delivering up to and including December 24th.



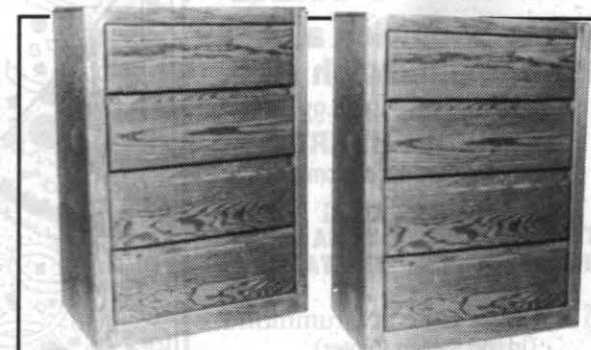
Student Desks only \$169



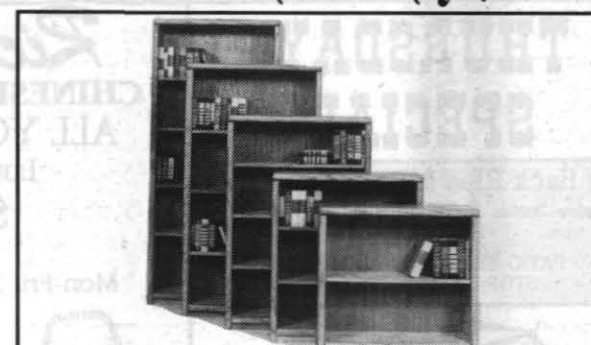
Entertainment Centers \$379



Christmas Gift Baskets from \$15.95



4 Drawer Chests only \$139



Bookcases from \$59



When You Care About Quality
414 W. Ridgecrest Blvd. (619) 375-2625 • Open: Monday-Saturday 9-6 • Sunday 11-4 • Free Delivery • Layaways

Oak Specialties



SOLID OAK



Commander, NAWCWPNS offers holiday greetings

The Naval Air Warfare Center Weapons Division marks its first anniversary in January. Just as the country embarks upon a period of transition, this organization also continues to transition into a dynamic, multi-faceted component of the Naval Air Warfare Center and the Naval Aviation Systems Team. Our combined military and civilian team stands ready to meet the new challenges ahead — both here and abroad.

Dramatic world events continue to unfold in Somalia, Europe, the Persian Gulf, and elsewhere. As America and the world prepare for the holiday season and a new year, thousands of our fellow sailors, Marines, soldiers and airmen are once again far from home, serving their country, protecting freedom and providing hope of a better future for millions of people. Television drives home the point on a daily basis how very important the United States Armed Forces is to the preservation of world peace.

It is as important now as in the past to take some time during your busy schedules to remember the thousands of men and women who are far from home this season. Remember, that like yourselves, they voluntarily serve this great nation — making sacrifices to defend a way of life and bring hope to others. Sacrifices such as these are what has made this country the cornerstone of freedom.

Throughout this holiday season, as we celebrate Christmas, Hanukkah and New Years Day, we should be mindful of the many blessings we enjoy as individuals and as a nation. We should also not forget those at home who are less fortunate, who also experience the pangs of hunger and lack of job security. So many of you demonstrated your generosity by sharing with others this year—whether it was by volunteering your time or contributing to the Combined Federal Campaign or other worthy causes, you've selflessly given.

You are all valued members of our team, and Judy and I wish you all the best and safest of holidays.

RADM William E. Newman, USN
Commander, NAWCWPNS

Sexual harassment advice and counseling available by telephone

WASHINGTON (NNS) In another action to eliminate sexual harassment in the Navy and Marine Corps, toll-free sexual harassment advice and counseling telephone line began operation Dec 1.

The number is 1-800-253-0931 for callers in the United States. Callers from outside the U.S. can phone (DSN) 224-2735 or (703) 614-2735 (collect).

Lines will be staffed from 10 a.m. to 6 p.m. (EST) Monday through Friday. An answering machine will take messages and provide referral numbers after hours, on holidays and weekends.

The new toll-free service is designed to offer information and advice to anyone who might be involved in, or concerned about an incident of sexual harassment. Assistance is available to all Navy and Marine Corps personnel. Including civilian employees.

Acting Secretary of the Navy Sean O'Keefe directed the establishment of the phone line based on recommendations from the Standing Committee on Military and Civilian Women in the Department of the Navy, which developed and evaluated several new initiatives to combat sexual harassment.

"We want our members to have the confidence and support necessary to address sexual harassment at the local level when it occurs," said Assistant Secretary of the Navy (Manpower and

Reserve Affairs) Barbara Pope. "This line will be another avenue for reliable, timely and straightforward advice."

The toll-free service may be used by victims of sexual harassment, persons accused of sexual harassment, those who have witnessed sexual harassment and those who simply have questions about Department of the Navy policy on sexual harassment. For victims, the staff of the toll-free line will offer support that is both physically and emotionally removed from the local scene. Callers will receive advice on their roles and responsibilities in resolving sensitive or difficult situations and information on assistance available locally.

Persons using this service will not be required to identify themselves by name or command. Also, calling the new toll-free number will not, in itself, initiate an investigation. Complaints of sexual harassment normally are reported through the appropriate chain of command.

If the chain of command is "part of the problem," victims of sexual harassment may use other means to report misconduct, such as the Navy Inspector General's Fraud, Waste and Abuse "Hotline" (1-800-522-3451), or filing complaints under Naval Regulations Article 1150 or Uniform Code of Military Justice Article 138.

MILITARY NEWS



SANTA CLAUS was on hand Tuesday night at the Navy Exchange during Kids' Nite. Only kids were allowed in the building from 7 to 9 p.m. with their parents' permission to shop for Christmas gifts.

Commissary cuts hours Christmas, New Years eves

Due to the normal reduction in business on Christmas Eve and New Years Eve, the commissary store will cut back hours on those days and be open only from 10 a.m. to 2 p.m.

Service personnel can double life insurance

WASHINGTON (NNS) - Since December 1, active-duty and reserve military personnel can double their Servicemans' Group Life Insurance (SGLI) coverage from a maximum death benefit of \$100,000 to \$200,000 by agreeing to pay \$8 more each month, or a total of \$16 a month, from their paychecks.

Increased SGLI coverage is available to Navy and Marine Corps personnel in increments of \$10,000 up to the new

The store will be open on normal Saturday schedule on Dec. 26 and Jan. 2, 1993. "Please plan accordingly," said SHCS R. Binaoro, Commissary Officer. "Thank you for your patronage."

\$200,000 maximum. Applying for more coverage is voluntary, but service members have only until March 31 to increase coverage without proof of good health.

Service members can increase their SGLI coverage by completing the new form, SGLV 8286 (November 1992 edition).

If the new form is not available, the September 1991 edition may be modified and used temporarily.

DeCA has new leader

Army Maj. Gen. Richard E. Beale Jr., is the new director of the Defense Commissary Agency.

He succeeds Maj. Gen. John P. Dreska, the agency's first director who has led the agency since June 1990. Dreska will retire Jan. 1, 1993.

Beale was previously commander of the Defense Personnel Support Center, headquartered in Philadelphia. The center has some 5,000 employees worldwide and annually buys nearly \$4 billion worth of food, clothing, textiles, medicines and medical supplies for American forces. He has been commander since July 17, 1991.

Beale, a native of Bethesda, Md., was commissioned in the Army's Quartermaster Corps in June 1964 as a distinguished military graduate with a bachelor's degree in economics from Wake Forest University. He also holds a master of public administration degree from the University of Missouri.



HAPPY HOLIDAYS
from the Channel 17
Navy volunteers—
(back row)
ET3 John Williams,
ET1 [SW] Hector
Hansen and
ET1 Scott Gray and
(front row)
ET3 Sang Hwang and
ET3 John Cottrill.

TID Photo

Chapel Call

A Christmas message from your chaplains

Dear Friends and Neighbors:

Already the sounds, sights and smells of Christmas are permeating the air in a grand announcement of the birth of Jesus. No other season of the year is so exciting, especially for children, and especially for Christians whose spiritual heartbeat was born out of their encounter with this Savior sent from God.

Jesus was born in a smelly stable in the little town of Bethlehem nearly two thousand years ago. From this humble beginning this Child became the one solitary figure in all human history that bears the unshakable stamp of both humanity and divinity.

Whether out of praise and devotion, or out of sheer disdain and vanity, more words have been spoken, more books written and more thoughts provoked about Jesus Christ than a combination of the greatest figures in history.

One may ask, "How can a birth that occurred in antiquity have any significance for contemporary man?" In this great event that occurred in time and history God entered into the human family in a special way; into the frustrating circumstances of poverty, taxation, human sufferings of all sorts and political overlordship. Much, if not all, of the world can still identify with these conditions. He came then to bring "peace on earth and good will toward men." He has not ceased coming to man with the same objectives. Where the minds and hearts of humanity have been open to His redemptive love there has been

peace and brotherhood; where man has been insensitive to God's love and the needs of humanity there has been war, chaos, disharmony and exploitation.

His significance lies not in His birth alone. That birth was but the beginning of history's most spectacular and beautiful life. There would be no reason to celebrate Christmas were it not for His ministry of love and compassion, His sacrificial death on the cross, and His victorious resurrection. We have more than His profound words and unimpeachable personal example; this...yes...! but more importantly, we have His undying presence, for He is the living Lord! He is here... make no mistake about that, inescapably so! And He... that Savior of great love, all sufficient grace, and enduring strength...will encounter you personally in your life's pilgrimage. This is the significance of Christmas! Not the tinsel and lights, the tree or presents... not the star of Bethlehem... and not even the wise men, the shepherds or the angels who sang... Christmas is God with us. Dare we meet Him and experience the relationship of love and grace He offers the profound purpose and meaning of life will be ours to celebrate with joy and thanksgiving.

Make Christ the celebrity, the guest of honor in your celebration of Christmas, and you will find the joy that Christmas was meant to be.

We wish for you and yours a Merry Christmas and a Happy New Year.

NEX video rental store opens again

Videos are again available for rent aboard the Naval Air Weapons Station China Lake. The Navy Exchange took responsibility for the rental business to better serve the military community, after the previous contract expired. After some redecorating the store opened again on Dec. 5.

The NEX has announced increased hours for the store: noon until 8 p.m., Monday through Thursday; noon to 9, Friday and Saturday; and Sunday, noon to 6.

All movies, including new releases, rent for \$2 a day or three for \$5. On Sunday movies are just 99¢ each, and on Tuesdays customers get two days for the cost of one.

The store also features a VIP Program. Join, rent nine movies and the next one is free.

Lt. James Anderson, NEX OIC, said they now have 850 videos in stock and expect another 300 before Christmas. The officer-in-charge said they will hold a grand re-opening as soon as redecorating is complete, probably within a month. And as business picks up they will order even more tapes, with a regular inventory leveling off between 1,200 to 1,500.

All Faith Chapel Services

Hearing Impaired Equipment and Nursery Available

Protestant

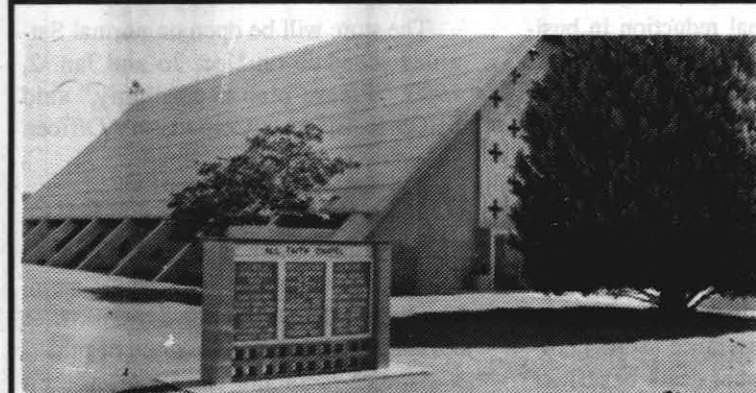
Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June) 11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian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

Jewish (446-4152 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dobb 2-5 p.m.
Adult Education, Saturday, 1902 Dobb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dobb 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May) 1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Adult Education Classes, Thursdays (September - May) St. Ann's School Library 7:00 - 8:00 p.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) 12 noon



Chaplain T.F. Mele, LCDR, CHC, USN
Chaplain G. L. Goodman, LT, CHC, USNR
Batsheva Gluckman, Student Rabbi
Office Hours: Monday thru Friday, 0730 - 1630
Phone 939-3506, 939-2773 and 939-2873

Ask for:

Arby's **SUPER VALUES**

Arby-Q or
Ham'n Cheese

99¢

Limited Time Only
No coupons necessary

ask about our "Christmas Giving Card" program
collect a set of how steamware, just 99¢ each



Arby's at:
830 N. China Lake Blvd.
375-7572

DIFFERENT IS GOOD

FOOD FOR THOUGHT

126 BALSAM
375-8448
NEW YORK STYLE DELI
CLASSICAL DESSERTS
AUTHENTIC ITALIAN CUISINE

**FOOD FOR THOUGHT
FREE DESSERT**

Free whole cake for parties of 15 people or more.
(Must have 36 hours notice) Call Rose.
Join us for your celebration

MONDAY-FRIDAY 11am-3pm
SATURDAY 12pm-3pm
NOW OPEN SATURDAY NIGHTS
6pm-9:30pm



Little Caesars

FREE - FREE

Buy One Sandwich at \$2.89
Get One Sandwich Free.

Offer expires 12-00-92
So HURRY-HURRY
Limit 2 orders per customer

Choose From:
ITALIAN-TURKEY-TUNA MELT
HAM & CHEESE-VEGETARIAN

906 N. China Lake at Drummond
(in the K-Mart Center)
446-1051

**THURSDAY
SPECIAL**

Baby Back Ribs & Beef Back Ribs
Complete Lunches from... **\$3.95**

PATIO SEATING AVAILABLE
STOP BY FOR LUNCH!

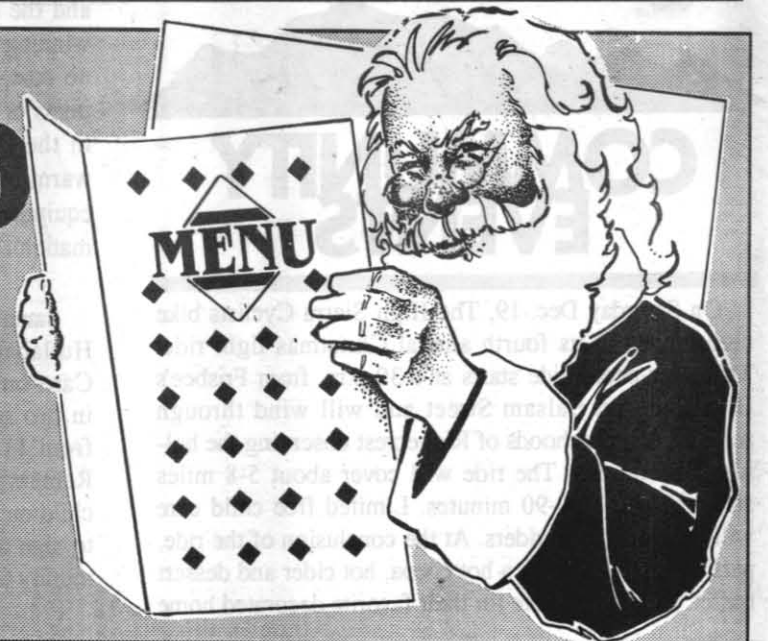


Indoor cafe or outdoor
patio seating.
**Mini-Mart
& Deli**

1509 N. NORMA (next to Sizzler)
M-Th 5:30am-10:30pm
Fri. 5:30am-11pm, Sat. 6am-11pm,
Sun. 6am-10:30pm

Let's Do Lunch

Weekly Lunch Specials
Especially For You.



COME CELEBRATE
1993!

Grand Opening of The El Charro Club

-NO COVER CHARGE-

FREE

- Champagne
- Party Favors
- Chips & Salsa
- Dancing!
- Drawings for T-shirts & Hats!

Come join
KRAJ Radio
LIVE with Top
40 Hits



**50¢ OFF
ANY SANDWICH**

SUBWAY

446-2448
701 W. Inyokern Rd.
WITH THIS COUPON
(Not Valid on 79¢ Sandwiches)

Mother Earth Cafe

Homemade Holiday Pies



PUMPKIN • APPLE • PECAN

Starting at **\$6.00** ea.

DAILY LUNCH:
Lasagna • Fresh Soup • Quiche • Falafel
Free Delivery with \$10 lunch

ALL YOU CAN POSSIBLY EAT
SALAD BAR \$3.95

901 Heritage • Heritage Sq. • 446-7753
Open: 1am-4pm Mon.-Fri.; 11am-2pm Sat.

**Big Mac
Value Meal**
You Deserve a break today!
\$2.99

• Big Mac • Lg. Fry • Med. Soft Drink

Call it in to
McDonalds



375-7181
or
375-9056 (fax)
• SEE 10-15
Rocketeer for
complete menu

**KID'S
MONTH
Kids Meals**
just \$1.29

Kids Meal includes:
3" Sandwich
2 Cookies, Chips
Small Drink & a Prize!



Blimpie
446-6969
1028 N. Norma

Supply News

By Anita Becker
Code C821r

Telmar, the Naval Air Weapons Station China Lake Supply Department warehouse, is now carrying a wide variety of fasteners for your ADP equipment. Check out our warehouse for a complete line of Thumb-Locks to fit your needs. Thumb-lock fasteners will secure your monitor, hard-drive, printer, keyboard, etc., to the desk top or table top, these can also be used to keep drawers from opening and tipping file cabinets over in the event of an earthquake. The fasteners are easily installed and come in many sizes. Check the brochure at the warehouse for the size needed for your equipment.

Also in stock is the following hardware for your ADP needs.

DISK DRIVES

#LLLADP0072, 5 1/4" 20 MB Hard HH

#LLLADP0082, 3 1/2" Apple 800K Ext.

MISC:

#LLLADP0008, Modem, External, 1200 BAUD

#LLLADP0010, Buffer Storage Unit, Parallel, 8K with 128K BYTES Cap.

#LLLADP0092, Data Cartridge for use in the Zenith Tape backup system

#LLLADP0157, Mouse Cleaner, for

Making ADP equipment earthquake ready with thumb locks

IBM, Microsoft Mouse, Macintosh, Apple IIC, IIE,

#LLLADP0167, Cleaning Kit, drive head for 5 1/4 in disk single or double sided drives.

#LLLADP0004, Cleaning Kit, drive head for 8 in disk single or double sided drives.

#LLLADP0007, Cable assy, extended distant data, 25 conductor twisted pair with drain wire, shielded w/PVC insulation, one DB25S & one DB25P Connector.

#LLLADP0053, Serial port adapter cable for IBM PC/AT serial port adapter.

#LLLADP0091, Cable, peripheral adapter for Macintosh Plus.

#LLLADP0095, Cable, shielded, null, modem.

#LLLADP0102, Cable, Modular extension to connect phonenet

#LLLADP0121, Connector, network, connecting block for Appletalk networks

#LLLADP0128, Cable, interface, IBM hard disk cable set.

#LLLADP0169, Cable, mini din 8 pin to DB9S 6ft.

Michelson Lab power outage scheduled for Dec. 19 and 20

Richard D. Smith, Michelson Laboratory facilities coordinator, has announced a total power outage for the laboratory and portions of the compound. Please read posted notices in Michelson Laboratory for specifics and take precautions for your area.

The total outage is 19 and 20 Dec., starting at 7 a.m. for 48 hours.

Compu Chatter

PClab

Michelangelo virus update

Virus warning!

The Michelangelo virus has been identified on vendor packaged software, according to the COMPU-SEC ADVISORY 92-29. The software update to CACI International Inc. Far-Trieve AR 48 and AR 49 has the virus on the installation disks. As some of you know, the Michelangelo virus can cause data corruption or even the deletion of all files on the hard disk. If you have any of these update disks, we suggest that you call Sharon at the PC-Lab (499-2081) for more information. The PC-Lab will scan your disks and your hard disk if you believe

your PC may have been infected by this dangerous virus.

Library Update.

If you were in the Software Library within the last week, you might notice that there was a slight mess. To be exact, there was quite a mess at several different times. Well, we had a reason for our disorganization. We were reorganizing to make it easier for you to find the software you need. We now have a Windows section for all of you who use, or want to use, Windows. So come on in to see the "new and improved" software library.

HAYS from Page 1

Golden Rung Awards previously went to Fred Hartwell in 1991, Karl Ficenc and Karen Ray in 1990 and Joyce Sherman and Bob Seeberger in 1989. This award is for Code C25 employees who currently make significant contributions in the field, but who have not had the extensive experience over a long period of time.



WINNER—Bill Hutmacher (left) receives 1992 B.V. Hays Award for Production Support from the man himself, Burrell Hays.

CUT BACK from Page 1

publication will not increase in size, it will mean a reduction in coverage of issues. We will need earlier submissions of news items for timely dissemination of information.

Product quality is a high priority, and I regret the necessity of this reduction in service. However, we remain committed to keeping the information flowing. The *Rocketeer* staff will continue to offer the best possible service and product in a timely fashion. Please feel free to call the Public Affairs Office, 939-3511, with your comments or suggestions.

To facilitate a reduced staff in getting the paper to the contract printer on time, a new deadline for submission of

news items and photos has been established as the Wednesday prior to publication week. Thus the deadline for the first issue of 1993 will be Wednesday, Jan. 6, for publication on Jan. 14, and Wednesday, Jan. 20 for the next issue, which will be distributed on Thursday, Jan. 28.

Public Affairs will continue to send out Issue Alerts on important items of interest. An information bulletin board outside the Public Affairs Office, Building 1, Room 1043, also offers posted information.

For the benefit of China Lake employees, the printing schedule and deadline for 1993 follows. Please save this for future reference.

1993 Rocketeer Schedule

Deadline	Publication Date	Deadline	Publication Date
Jan. 6	Jan. 14	July 7	July 16
Jan. 20	Jan. 28	July 21	July 30
Feb. 3	Feb. 11	Aug. 4	Aug. 13
Feb. 17	Feb. 26	Aug. 18	Aug. 27
March 3	March 11	Sept. 1	Sept. 10
March 17	March 26	Sept. 15	Sept. 24
March 30	April 8	Sept. 29	Oct. 7
April 14	April 23	Oct. 13	Oct. 21
April 28	May 7	Oct. 27	Nov. 4
May 12	May 21	Nov. 10	Nov. 19
May 26	June 4	Nov. 24	Dec. 3
June 9	June 17	Dec. 8	Dec. 17
June 23	July 1		

Hi Industries Design

Computer Automated Design Drafting Service

Complete In-House PWB Design Service
Single, Double and Multilayer Boards
Automated Routers - Gerber Service Available
Electrical - Mechanical Design
Assemblies - Schematics - Pcb Drawings

(619) 377-5966 Fax (619) 377-4601
1009 N. STRECKER ST. RIDGECREST, CA. 93555

66MHz 486 Workstation \$2,069
uses superfast Intel OverDrive Processor

True Intel **OverDrive 486 CPU** makes this the fastest 486 going: as fast or faster than *everything** (including DX2s). With an 8K on-CPU cache *plus* a 256K fast write-back cache, both system shadow RAM and video shadow RAM, page-mode interleave memory controller and a Weitek 4167 socket. Wide range of BIOS features, including I/O-bus speed, hard-disk analysis and auto interleave, no-floppy-seek boot, hardware password, much more. Complete system: **120MB super-high-performance hard drive** 4MB RAM, one parallel and two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024x768x256-color VGA monitor and card, MS-DOS 5.0, Windows 3.1, mouse, enhanced 101 keyboard. Your choice: High-end or standard tower case.

Computing Technology's
Computer Store
251 Balsam St. 375-5744

This is an **incredibly fast** system. Ideal for workstation and large-server applications. Other configurations available.

*Only faster system we know of is this same system speeded up (e.g., with Local Bus & Local Bus VGA card).

Go to The Edge
of town to save on your printing needs

4¢ copies

Holiday Cards & Letters
copies for 5¢ each
500 Flyers only \$19.95
Business Cards (500) as low as \$16.00

Engineering Bond
Copies up to 36" wide
Engineering Microfilming
Source Document
Microfilming
Special Quotes Available

Continental Graphics
200 S. Richmond
371-1083
Hours: Mon.-Fri 8-5

HOME ENTERTAINMENT SYSTEM
for less than
\$25

System includes 2 medium pizzas and a hit movie on pay per view!

ALIEN
Fri. 5:00 Ch. 51
8:00 Ch. 50
Sat. 10:00 Ch. 50

CHRISTMAS
Sat. 8:00 Ch. 50 & 5:00 Ch. 51

ENCINO MAN
Thurs. 7:00 Ch. 51
Fri. 5:00, 7:00 & 9:00 Ch. 52

Call Benchmark Cablevision at 446-7370 to order a great movie on Pay Per View for only \$4.95.

MEDIUM SPECIALTY PIZZA
\$9.99
2nd PIZZA \$5.00

DELIVERY or CARRY OUT 371-4500
DINE IN or CARRY OUT 446-3200
Pizza Hut

Did You Order A Movie ☐ YES ☐ NO

COME TO L.A.
The All New
RAMADA LAX
AIRPORT SOUTH

(Adjacent to the Los Angeles AFB Space Division) ONLY
DELUXE GOVERNMENT PER DIEM PACKAGE \$89*
(Below Los Angeles Per Diem)

YOUR STAY INCLUDES...

- Free evening reception with elaborate buffet and beverages
- Free daily newspaper
- Free continental breakfast buffet
- Upgrade to Luxurious Suites when available
- Tax Exempt with travel orders
- Free Happy Hour Hors d'Oeuvres
- Free Airport transportation
- Free covered parking
- Free use of exercise facilities
- Rental Car discounts
- Ramada business card dividend points of exciting travel awards.

*8% City tax waived with official travel orders
**Coupons redeemable at the Hotel's fine dining restaurant and lounge.

Call for Reservations
1-310-536-9800 or 1-800-547-2329
or Contact Your Official Travel Office
5250 W. El Segundo Boulevard
Los Angeles, California 90250

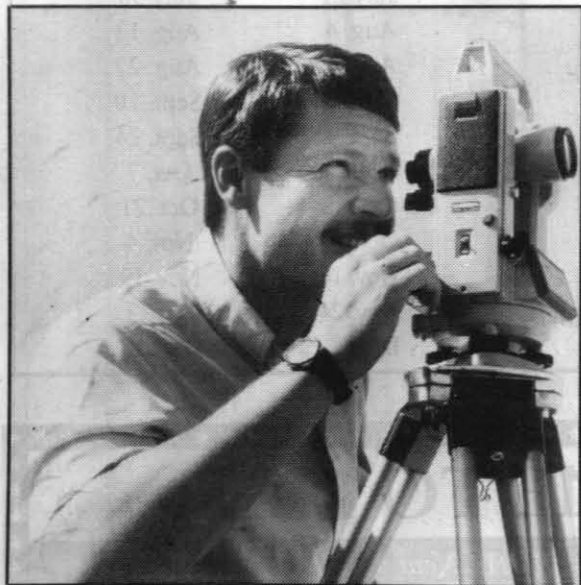
An Interview With PIERRE SAINT-AMAND

By Kristine L. Roquemore, Technical Information Department

(EDITOR'S NOTE: We now conclude the series on Dr. Pierre Saint-Amand)

After talking with Saint-Amand, I spoke with two of his former employees who graciously escorted me down the Pierre Saint-Amand memory lane. Dr. Glenn Roquemore is a former NWC geologist. Dr. Dan Gillespie now heads the Math Group in the Research Department and was a mathematician for Saint-Amand's division.

Roquemore is currently Professor of Geology at Irvine Valley College, Irvine, California and lecturer at the University of California at Irvine. He worked in the Earth and Planetary Science Division with Pierre for over ten years.



Dr. Glenn Roquemore

ROCKETEER: What can you tell me about Pierre Saint-Amand?

ROQUEMORE: The man is a genius. And, he was my mentor! I was very fortunate. He was very instrumental in my interest in geology. His sheer enthusiasm over geology was enlightening and contagious. He taught me to open my eyes to really look and observe everything around me and make intelligent conclusions. It sounds simple, but its critical to a geologist.

ROCKETEER: Are you still close to your mentor even though you've left the area?

ROQUEMORE: Hmmmm...Well...Yes and no. See, a lot of things happened over the years and there was a period of tension between us. Though most of that has healed now. In a nutshell, the base was winding down all of the research we conducted. And, it was during this time I chose to flex my wings and jump out of the tree so to speak. Lousy timing. But, the student was ready to leave the mentor. It caused tension between us. I should have been more supportive of Pierre during that time. But, I was young and thinking of myself. I think he's forgiven me. So, yes now our relationship is close again.

ROCKETEER: Looking back, what are the things you most remember about Pierre?

ROQUEMORE: There's a lot. I remember most fondly his skills as a teacher. He was an excellent, excel-

lent teacher. I don't remember him ever lecturing me. Or telling me, "This is the way it is, period!" He would just point out interesting things for me to discover on my own. And, I think what really made the man was his diversity. Pierre was not just a specialist in his field, like I would consider myself. He knew chemistry, physics, mathematics, geochemistry, all the traditional areas as well as any specialist. He had a remarkable command of all the sciences to a very high degree of expertise.

ROCKETEER: There's a lot of hype still lingering about Pierre Saint-Amand and Carl Austin. Care to elaborate your views?

ROQUEMORE: They were coming from two very different standpoints. Pierre didn't like politics. Carl did. Pierre's only interest was in science. Carl's wasn't. I think there are a lot of aspects about the so-called feud between the two that people don't know anything about. I think people tend to play the two against each other. They were really for the same thing, but in two very different ways.

ROCKETEER: Are you referring to the Geothermal potential at Coso?

ROQUEMORE: Yes. Pierre never doubted there was geothermal potential at Coso. And, yet, that's the popular belief. Carl, for his own reasons, wanted to do the job quickly. Pierre, on the other hand, knowing full well exactly what Coso had and what the potential was, wanted to take a slower, more scientific approach. It would have taken much more time, but the end result would have been the same.

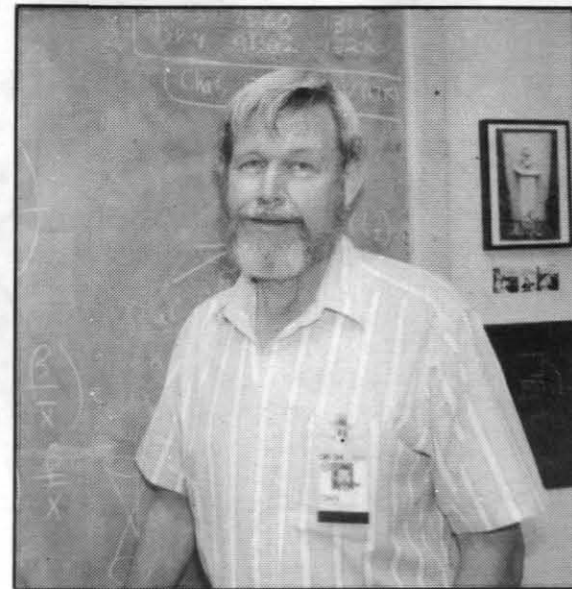
ROCKETEER: What would you say were Pierre's biggest contributions to the China Lake Center?

ROQUEMORE: I think his largest contribution was being a stellar scientist. I can't point at any given achievement, there were so many. He wasn't a big fish in a small pond. He was big fish in a world-wide pond. Pierre presented the Naval Weapons Center to an international audience. He was involved with President Kennedy's Scientific Council, asked to go to South America, India, the Philippines...all these things puts him in a class of his own. To hear anyone refer to him as the ex-NWC geologist is a great disservice, because it leaves out three quarters of what he really is.

ROCKETEER: Any reflections?

ROQUEMORE: Pierre Saint-Amand gave me the most incredible ten years of my career so far. And, he gave me a career that most geologists outside of the Center envy. He was my Obi-Wan-Kenobi!

Gillespie heads the Research Department's Mathematical Sciences Group. For more than 20 years he has been doing research in the field of random processes, particularly Markov processes. His book, "Markov Processes, An Introduction for Physical Scientists" has hit the market and is now available in book stores. Gillespie worked ten years for Saint-Amand. The Mathematical Sciences Group is the last vestige of the Old Earth and Planetary Science Division. Pierre had this to say about Dan, "Gillespie is still in the Math Group and doing beautifully. God that guy is brilliant!"



Dr. Daniel Gillespie

ROCKETEER: What do you remember most about Pierre Saint-Amand?

GILLESPIE: What I remember most about Pierre is the.... the sheer enthusiasm he had. He was like...a great macho scientist!

ROCKETEER: Wait a minute...You better explain that one!

GILLESPIE: He was exciting. He would get incensed. He appreciated Mother Nature. What Mother Nature could do in terms of earthquakes, volcanoes, hurricanes, rain storms, tornadoes. All of these very powerful natural forces. They appealed to him because they were big, strong and burley, right?! And, they could literally blow you away!

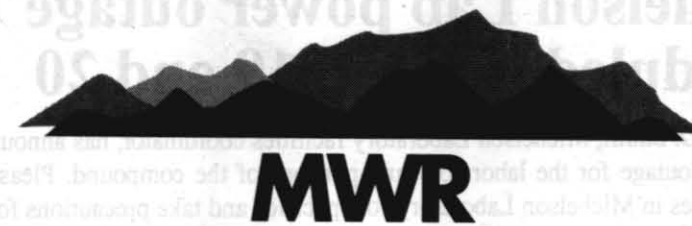
And, he was often affronted that nature would rebuff him. Like Mother Nature is not going make me afraid—I will stand up to it. He'd fly into hurricanes. Probably his greatest thrill is to be in an earthquake. A big massive earthquake...he'd like to survive. He wouldn't want to see people killed, but I think he'd enjoy it. He's probably one of the few people who would thoroughly enjoy being in a big earthquake!

ROCKETEER: You were in charge of giving a presentation at the Naval Weapons Center "wake" a little while back and you picked Pierre as your central character to typify the Research Department?

GILLESPIE: I wanted to focus on the one thing that stood out the most in the Research Department over the last 20 years. That was Pierre. The man is colorful—that is the word I would use to describe him.

ROCKETEER: What do you remember most about the cloud-seeding days?

GILLESPIE: A number of people here were involved with cloud seeding. This was Pierre's forté. His main line of work when I came here in the 70's. He had been in the office of every Central American President that there was talking about cloud seeding. How many Presidents do you get to meet? You have to take what you can get. He was very proud of a plaque that he had from Ferdinand Marcos—before Marcos became a bad



'Designated Driver' program has strong China Lake MWR support

The Designated Driver Program is a Navy wide and national commitment of people that have joined together to prevent patrons from driving while influenced by alcohol consumption and potentially injury themselves or others.

At the Naval Air Weapons Station China Lake, MWR's holiday goal is to actively promote this program. Our first commitment, before offering you fun recreational opportunities for the holidays, is to make your holiday parties and functions end as safe as they started. Designated Driver posters are posted in MWR facilities.

As always, the NAWS Duty Driver will take you home safely during the holidays and the months ahead. Simply call 939-2303 for a safe ride home. This program is ongoing, with special emphasis placed during the

holiday months and its success is up to each and every individual. Simply call the NAWS Quarterdeck and a driver will take you home safely. If needed, you may even call the Duty Driver the next day and they will assist you in picking up your car. Please, don't drink and drive. Make a commitment to save lives, your own or someone else's. If you should see someone attempting to drive and you question his ability to do so, offer to call the duty driver. Care enough to give the best gift that anyone can receive during the holidays... life, friendship and love.

The Morale, Welfare & Recreation Department wishes all a safe and joyous holiday season. For further information on this program, please call the MWR Department Office at 939-2010.

BBE is now an authorized dealer for the NEW ATARI-LYNX!
only **99⁹⁵**
(new not used!)
We also carry used games tested and guaranteed.
• Genesis • Nintendo
• Snes • Atari

BBE 216 Balsam
371-7670

Hundreds of the latest games & educational programs. We're an authorized Disney educational software dealer and have a wide selection of their products in stock. Come see what you can give to educate & recreate your family.

Gift Certificate.

Over 1200 of the latest computing book titles. For beginners to advanced users and nontechnical to very technical users.

Computing Technology's
Computer Store
251 Balsam St. 375-5744

WE FINANCE WHAT WE SELL!

Before looking for a home, check us out. We offer a wide range of home loans, including VA, FHA, and fixed rate and adjustable rate conventional loans, with down payments ranging from as little as nothing down (VA) to 5% to 20% down (conventional), with the most affordable monthly payments in the last 19 years.

Call us first to discuss which loan best meets your needs. Our loan consultation is free and is without obligation. We just want to help. That's why we're here.

BEST
HOME LOANS INC

Call
371-2378
for information

LiteLife

a Summit Health program

LiteLife is a surgical procedure that enables the seriously overweight to lose unwanted and unhealthy pounds and regain their emotional and physical health permanently.

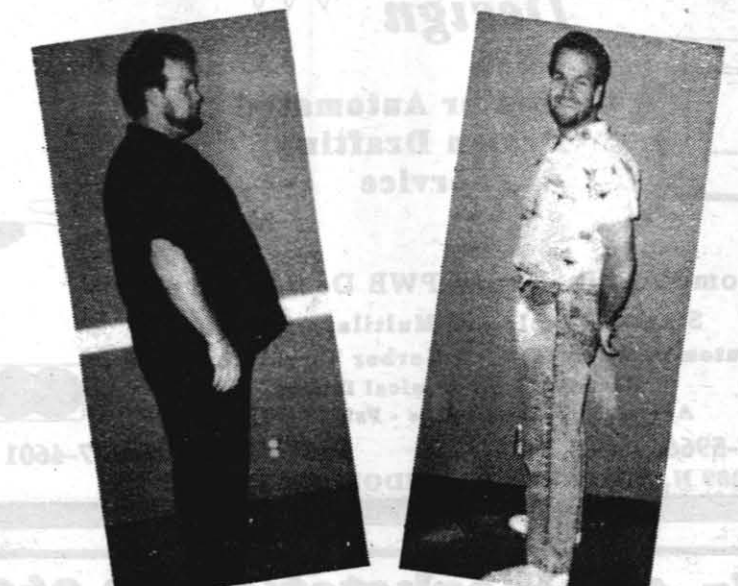


414 lbs. **BARBARA DEGROOT** 207 lbs.

Many residents from Ridgecrest, Inyokern and Trona have successfully maintained their ideal weight by participating in the LiteLife Program.

To contact local successful patients call

**Anna at 377-4670
or Linda at 375-1949**



325 lbs. **MARK ALLEN** 198 lbs.

FREE VIDEO AVAILABLE

Mark and Barbara's success story is like four others told in this true-life video which is being offered to you free.

By viewing this special presentation, you will learn how this exceptional surgical procedure has helped people start a new and wonderful life. People actually eat less food and feel completely satisfied.

The LiteLife program is conducted under strict guidance of a highly trained medical team. They are dedicated to helping you live a healthier, happier life.

If you are at least 75 pounds overweight, you need to preview this video presentation and learn all about LiteLife. Call or write today. There is no obligation.

1-800-LITE-LIFE

(1-800-548-3543)

Whittier Hospital Medical Center - 15151 Janine Dr., Whittier, CA 90605



Make this Holiday the best ever... With the gift from Apple!



\$41/mo.
Apple Credit

Apple Macintosh Classic II 4/40

- combines performance and affordability
- all-in-one design
- ideal entry level personal computer
- built-in capabilities

\$1,069



\$45/mo.
Apple Credit

Apple Macintosh LC II 4/40

- most affordable color
- slender, modular design
- Apple IIe compatible
- sound capabilities

\$1,333



\$71/mo.
Apple Credit

Macintosh PowerBook 145 4/40

- solid Macintosh performance and flexibility
- full power and ease of Macintosh computing
- sleek, ergonomic design
- bright, full page-width display

\$2,116



\$80/mo.
Apple Credit

Macintosh PowerBook 160 4/40

- incredibly compact notebook computer
- 16-level gray-scale display
- video-out capabilities
- built-in support for a variety of monitors

\$2,399

NEW RELEASES

Publish It/Mac	\$98	StarTrek	\$38. ⁹³
Kensington	\$128	The Screen Saver	
Turbo Ball		LEMMINGS/Mac	\$36

NOW CARRYING SEGA GENESIS CARTRIDGES

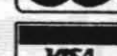
ALWAYS THE LATEST TITLES



AUTHORIZED
DEALER

MicroLink

225 Balsam Street • Ridgcrest
(619) 371-3535 • (FAX) 371-4477



©1992 Apple Computer, Inc. All Rights Reserved. Apple and the Apple logo are registered trademarks of Apple Computer, Inc. *Prices subject to change.

... 90 DAYS SAME AS CASH ...



MWR BAKE-OFF—Jeanette Rahm (right) took first place honors with her Herman Bread, assisted by her daughter, Jacqueline (front). The second place award for bread in the China Lake MWR contest went to Jeannie Dyer's Cranberry Fruit Bread.

TJ. Frisbee
BICYCLES, INC.
217 N. BALSAM
RIDGECREST, CA 93555
(619) 375-4202

SCHWINN
CYCLING AND FITNESS

Digital Equipment Corporation

We now sell a wide range of DEC products:

- books & licenses & service subscriptions
- media & supplies: from erasable optical packs, tapes, & data cartridges to printer ribbons, monitors, keyboards, & mice
- from Companion to laser & page printers
- wide range of communications products
- Unix/Xenix products • add-in cards
- hard disk, floppy & CD-ROM drives
- **386- & 486-class computers**
- and lots, lots more.

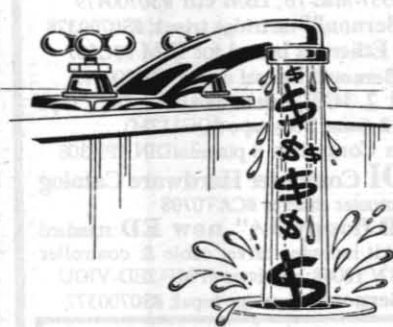
digital Authorized Territory VAR

Computing Technology

Computer Store

251 Balsam St. 375-5744

Money Going Down the Drain?



Call us for your
plumbing problems
Affordable & dependable

- Drains & Sewer Lines Cleaned
- Appliances Installed
- Hot Water Heaters
- Frozen Pipes
- All Plumbing Repairs

CARDINAL PLUMBING CO.

Licensed & Insured 1543 N. China Lake Blvd. 446-4004

guy—thanking him for drought relief in the Philippines. He did drought work all over the world.

He loved this type of thing. It was very exciting science. So, he was involved in all of this stuff and more-over, he was hob-knobbing with some very interesting characters. It was fun and exciting to work for such a bigger-than-life personality.

ROCKETEER: What would you say was Pierre's biggest contribution to the center?

GILLESPIE: His biggest contribution was his work...I think... in weather modification. And, he also brought some color to the place. He didn't invent the Sidewinder....He's not Bill McLean...But, he brought color and dash to the Naval Weapons Center. And, he showed people that even science can be fun.

In many ways he is a true scientist. Because, he's got this boyish-childish, let's say spirit of inquisitiveness. Always wanting to know how things work.

He brought an atmosphere to China Lake. Oh, and he was good to me. I didn't realize how nice I had it until he was gone and I got out in the real world. When I came onboard he always overrated me. I was never as good as Pierre thought I was.

ROCKETEER: What did you learn from Pierre Saint-Amand?

GILLESPIE: His philosophies for management were wonderful. Pierre said something once that I really liked and still remember. He said, "I've known people who are afraid to have people working for them who are smarter than they are." And, he continued, "I feel just the opposite. I'm afraid to have people working for me that aren't smarter than I am." That's something that stayed with me. I think, I owe Pierre for a lot of intangibles in the way I relate to people.

ROCKETEER: Any last memories?

GILLESPIE: Yes. One of the best things Pierre did was bring in one of the members of my math group. Jorge Martin. Jorge is a Ph.D. in mathematics. Grew up in Mexico. Got his Ph.D. from the University of Utah, in mathematics and in a very difficult area. Pierre heard about Jorge from a recruiter. Anyway, Pierre brought Jorge Martin here to give a talk and didn't exactly check into all the procedures. So Jorge came to China Lake, gave a talk, and we liked him and the talk very much. Consequently, he joined the group and has become a very valuable member. BUT, it was Pierre who got him here. If I had been there, I would have called up and said, "Can I bring this guy out here to give a talk?" And they would have said, "No way...he's not a U.S. citizen." And, I would have said, "Okay. That's the end of that."

But, Pierre didn't do that. It was a long shot. He wasn't afraid to take it. And now, Jorge Martin is a leading figure in this department and has done very good work here. I can only thank Pierre for that. In fact, there is an endless list of things I can thank him for.

Thank you Pierre!

"Aspects of Pierre—The Person" was written by Reta Roquemore who worked more than two decades with Pierre Saint-Amand. When reflecting on their past Pierre said, "Reta was the ideal person in the office because she could make up for all of my shortcomings. Like never being able to remember anything. She could remember everything! And, she was very diplomatic and could deal with all sorts of people. She was a marvelous part of the group."

Reta read the following to Pierre and Marie, at his retirement party in 1988. According to Dan Gillespie, "Nobody knows Pierre better than Reta!"



Dr. Pierre Saint-Amand and Reta Roquemore

Aspects of Pierre—The Person by Reta Roquemore

A very caring and compassionate man—a best friend to those who would allow him to be.

Always there, with Marie, to share your sorrows or to celebrate your joys.

A "Glorious Leader"—one who led by working side by side with his people.

A teacher and counselor. Always eager to encourage everyone, but especially the young.

A man of contagious enthusiasm, of wisdom and wit.

And, on St. Patrick's Day, a man with a green beard!

Fill Your Prescription Without Emptying Your Pocketbook.

WAL-MART PHARMACY
will accept all area
competitor's prescription
coupons **PLUS** take
an additional **\$1 OFF!**

*Some exceptions apply.
See your Pharmacist.

If you take medications every day, read the fine print. Not only on your labels. On your receipts. Because the prescription bottle is the same from one pharmacy to another. But the price isn't.

Wal-Mart Pharmacy has the low price, so getting all your prescriptions filled at Wal-Mart Pharmacy can mean substantial savings for you every day.

WAL-MART
PHARMACY *Always*

YOUR FRIENDLY PHARMACISTS: Virginia K. Stull, and Alan G. Marshall
PHARMACY PHONE NUMBER: 371-4979
PHARMACY HOURS: 9am-Monday-Saturday - closed Sunday
STORE LOCATION: 911 S. China Lake Blvd.



New mill advances propellant processing effort

By Barry McDonald
Editor

TQL planning, environmental protection, technology advancement...The recent procedure for installing a fluid energy mill at the Salt Wells propellant processing facility had it all.

Ammonium perchlorate (AP) is the oxidizer in most modern propellants. To achieve a high burn rate a significant amount of the AP in the propellant must have a particle size of less than five microns. In the past, 200-micron particle size AP, as it is received from the factory, was ground to obtain the small diameter AP.

This grinding was done by placing the 200-micron AP and a chlorofluorocarbon (CFC) refrigerant in a tank with ceramic beads and vibrating the tank. The resulting slurry was removed, separated from the ceramic beads and the refrigerant evaporated off. Grinding took 7 hours and drying, a week.

During drying the CFC refrigerant escaped into the atmosphere, a procedure which was forbidden by the Environmental Protection Agency, effective July 1992. The EPA has further banned production of CFC refrigerant after 1995.

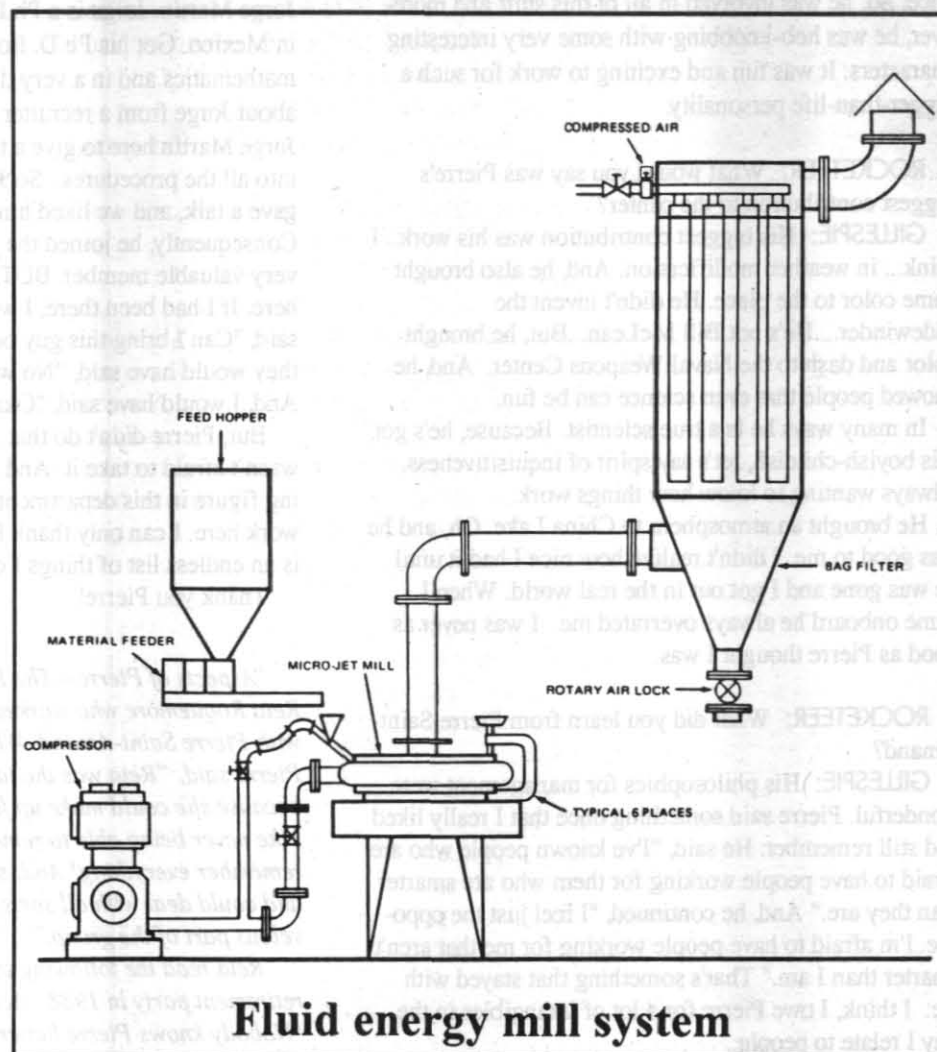
So in September 1991 a contract improvement action team (CIAT) was established to research, establish requirements and put together a package for an Asset Capitalization Program procurement of a fluid energy mill and associated equipment.

The CIAT was established with a mind toward using total quality leadership techniques by including representatives from management, technical, procurement and quality assurance disciplines. It included John Robbins, head of the Propulsion Systems Division, and Roger Toftner, head of the Ordnance Processing Branch, Code C2772, in the management role; Tony Dorsey, head of the Project Engineering Branch, and Harold Bennett, from Ordnance Processing, as technical advisors; and Helen Cropper from procurement.

Once the CIAT had developed the acquisition requirements package (ARP), the project received ACP funding of approximately \$275,000 to acquire the mill, mill controls, a new air compressor and a new control room.

Then the department's in-house engineering group, the Project Engineering Branch went to work planning and engineering the installation of the new mill and compressor.

Please see **NEW MILL**, Page 9



all 25MHz:
80MB SX 1MB **\$1395**
80MB SL 2MB **\$1649**
120MB SL 2MB **\$1795**
80MB 486SLC 2MB **\$2495 color**

Our best notebooks: **↑ supergift ↑**
• all are 25MHz
• 2" thick & only 5.8 pounds • rugged
• 1.44MB • built-in trackball
• wonderful backlit super-twist VGA display
• ports galore • DOS 5.0 • much more
• new color 486SLC Stingray only **\$2495**

We carry all the Ultra Stingrays and all the Dynova SLie 3000s (incl. 130MB, 4MB for **\$2,095**).

Computing Technology
Computer Store
251 Balsam St. 375-5744

EVERYONE IS WELCOME

Desert Christian Center

Worship.....8:30 & 10:30
Child Care.....Ages 0-3
Sunday School.....K-6th Grade

Pastor: Michael Godfrey

MEETING AT NEW LOCATION
1327 N. Norma
(Old K mart)
446-1037 office

Gift the Gift of Education

Hands-on Macintosh Classes!

Sign ups are now being taken for the following classes for '93:

- Basic Macintosh Skills
- Beginning Microsoft Word
- Beginning Excel
- Beginning Filemaker Pro
- Beginning MacDraw II

For more information, contact
Ivy Koziel or Becky Hape at
446-7671
Ext. 276 or 408

Gift Certificates for any or all of the classes are available.
Call now for special Holiday Rates.

COMARCO

CERRO COSO COMMUNITY COLLEGE

Spring 1993 Registration

COYOTE CONNECTION TELEPHONE REGISTRATION
371-9601

To Register by phone:
Submit an Admissions Form to Admissions and Records in advance

Call now through January 8,
New, Continuing and Returning Students

Monday through Thursday 8:30 a.m. - 9:00 p.m.
Friday 8:30 a.m. - 5:00 p.m.
Holiday Hours: December 21-31, 8:30 a.m. - 5:00 p.m.

Spring Classes Begin January 11, 1993
For more information on counseling, financial aid, and other student services available, call the College at 375-5001!

CERRO COSO COMMUNITY COLLEGE

China Lake Ski Club offering trip to Lake Tahoe ski areas next year

China Lake and Ridgecrest area skiers can take advantage of a chartered ski-bus trip to Lake Tahoe, Feb. 1-4. The trip, sponsored by the China Lake Ski Club, will cost \$259 to \$285 per person, depending on the number of people in a room. Ski Club members receive a \$20 discount.

The price includes all transportation, refreshments en route, three days of lift tickets, three nights lodging and some meals.

Skiing will be at Heavenly Valley (2 days) and Kirkwood.

Reservations are needed now and full payment is due Jan. 7. For reservations call Dennis Rowell at 446-5049 or Lee Wood at 377-5085.

DoD Sports Council announces 1993 armed forces tourney slate

The Department of Defense's Armed Forces Sports Committee recently released the Interservice Sports Tournaments Calendar for 1993.

Each service holds its own tournaments to determine who will represent it at the DoD-level tournaments. For more information concerning the armed forces or specific service tournaments, including dates and prerequisites, call Elaine Arnell, head of the Morale, Welfare and Recreation Department Sport Division, at 939-2305.

Interservice championship dates and sites for 1993 are:

- Men's Basketball; Presidio of San Francisco; March 11-16;
- Women's Basketball; Randolph AFB, Texas; March 25-30;
- Bowling, Men's & Women's; Eglin AFB, Fla.; April 18-24;
- Boxing; Camp Lejeune, N.C.; Feb. 1-6;
- Golf; Tyndall AFB, Fla.; Sept. 13-17;
- Racquetball, Men's & Women's; Offutt AFB, Neb.; May 16-21;
- Softball, Men's & Women's; Maxwell AFB, Ala.; Aug. 10-16;
- Tennis; Marine Corp Recruit Depot San Diego, Calif.; Sept. 19-24;
- Track & Field; Fort Benning, Ga.; June 1-7;
- Volleyball, Men's & Women's; Fort Indiantown Gap, Pa.; May 8-15;
- Wrestling; Quantico Marine Base, Va.; March 17-22.

Rent skis from MWR for holidays

This holiday season, skiing in California is better than it has been in a number of years according to ski area operators. China Lakers can take advantage of the snow and cold thanks to the ski rental program of the MWR Department.

The Gymnasium Gear Issue Office at the NAWS China Lake has a wide assortment of gear available to rent. A \$20 deposit is required. Rental prices are as follows:

- E-1/E-3 — \$5 per day, \$10 per weekend and \$25 for seven days (straight).
 - E-4/E-6 — \$6 per day, \$15 per weekend and \$32 for seven days (straight).
 - E-7/E-9 — \$7.50 per day, \$18 per weekend and \$43 for seven days (straight).
 - WO/O-3 — \$8 per day, \$19 per weekend and \$44 for seven days (straight).
 - O-4 and above — \$9.50 per day, \$21 per weekend and \$55 for seven days (straight).
 - DoD — \$10 per day, \$22 per weekend and \$60 for seven days (straight).
- The fee for retired military is the rate at which he, or she, retired.
- Appointments for ski fittings, which are required, may be made Monday through Thursday from 8 a.m. to 4 p.m. by calling 939-2334.

RAM: → in stock ←
memory, Mac 1ea 1MB SIMM #1MBX8-80
memory, Mac 4ea 1MB SIMM #1MBX8-70
memory, Mac, this is 16MB = 4ea 4MB
SIMMs #4MBX8-80
memory, IBM 1ea 1MB SIMM #1MBX9-70
memory, IBM 1ea 4MB SIMM #4MBX9-70
(order 4ea of this item for 16MB)

90MB Pro Bernoulli transportable #S0700475
(dual 90 Pro is #S0700474)
90MB Bernoulli cartridge tripack #S0700429
90MB Pro Bernoulli transportable #S0700475
(dual 90 Pro is #S0700474)
Kenington Trackball ADB mouse for Mac
SE & Mac II #62360
Seagate 1 GigaByte SCSI hard drive
(1.037MB, 15ms) #ST41200N
Seagate 600MB SCSI hard drive (601MB,
16.5ms) #ST4702NM (all SCSI: Mac & IBM)

Computing Technology
251 Balsam Street 375-5744

ADP SPEDI News
controller for all Bernoulli drives: Mac ctrl
#S0700337-Mac-1B; IBM ctrl #S0700479
20MB Bernoulli cartridge tripack #S0700378
3-Com Ethernet board for IBM #C507
90 Pro Bernoulli internal master #S0700472
Maxell 2.3GB 8mm certified DAT tape
#HSB/12 (same Sony tape #QG112M)
Farallon Connector 8-pin miniDIN #PN308
SPEDI Computer Hardware Catalog
save computer charges #CAT0708
2.88MB floppy 3 1/2" new ED standard
floppy kit includes drive, cable & controller
#M25342/ 12068; diskettes #PMF-2ED-VIOU
44MB Bernoulli cartridge tripack #S0700377

Watch this space:
We can add to SPEDI again so there'll be
new products soon. Communicate your
needs to Mr. Paul Reagan, SPEDI Con-
tracting Officer or call our Scott.

Macintosh Products at Great Low Prices!

Falcon's Purchase Program for all Federal Employees, Military Personnel & Employees of Government Contractors

Tremendous Values On Macintosh IIx CPUs!	List Price	Your Price
Macintosh IIx 4 MB	\$5,099	\$1,995
Macintosh IIx 80/4	\$5,799	\$2,249
Macintosh IIx 160/4	\$6,399	\$2,495

Falcon's PowerBook System	List Price	Your Price
PowerBook 145 80/4	\$2,799	\$2,299
ClarisWorks	\$299	\$190
Dicomix 180si Printer	\$199	\$132
PowerModem	\$299	\$195
Quicken	\$49	FREE!
You Save \$740	\$3,865	\$2,996

Falcon's Home Office System	List Price	Your Price
Mac IIfx 80/5	\$1,999	\$1,666
14" Color Display	\$599	\$550
Apple Keyboard II	\$229	\$147
Microsoft Office	\$849	\$437
Personal LaserWriter LS	\$1,199	\$849
You Save \$1,216	\$4,865	\$3,649

The Miracle Piano Teaching System	List Price	Your Price
The Miracle, with its three components—software, keyboard, and a cable connection to a user's Macintosh—is an interactive system that teaches anyone with a Macintosh to play.	\$499.95	\$346

Call 1-800-289-0355
Local: 301-341-0146 • Fax: 301-386-3583
for great prices when you buy your own Macintosh products!

Falcon Microsystems

We're here to serve you:
Monday - Friday: 7:30 a.m. - 7:00 p.m. ET
Saturday: 9:00 a.m. - 2:00 p.m. ET

Visa MasterCard

Santa's got your number

And you've got no phone????

Then check out our Christmas Specials

Rental Program\$4.95 mo
Lease-purchase\$9.95mo
Bag Phone\$199

Gift Certificates
Free Gift Wrap

Call Linda, Sue or Nancy!



Cellular Connection
authorized agent of Bakersfield Cellular
384-2400

HARD DRIVE CRASH?! NEVER FEAR!



The Data Recovery Man Is Here!

WE BUY DISK DRIVES!
Turn Your Working/Non-Working Drives Into Cash!

- Certified Class 100 Clean Room
- Courteous, Friendly Technicians
- Bernoulli, Syquest and Optical
- Fast Turnaround
- We sell & repair most drives
- Mac & IBM/UNIX & Novell
- Reasonable Rates
- 90% Success Rate!
- Software & hardware sales
- Call Today...

the **computer shoppe**

(619)384-4500 • FAX (619)384-4005

DATA RECOVERY EXPERTS!

SPORTS

Bombers rout the Dawgs, capture top seeded loop playoff position

In last week's feature game, the P.E. Bombers hammered the Dirty Dawgs 30-6 to remain atop the Adult Flag Football League standings at China Lake. The victory also clinched the top seed position in the upcoming league playoffs for the Bombers.

Despite cold and wet conditions, the Bombers easily toppled the Dirty Dawgs thanks to a pair of touchdown runs by Daryl Brown, quarterback for the winning squad.

Building on to their 14-0 halftime lead, the Bombers made it 22-0 when Brown connected with Vernon Nabors on a TD pass. Brown hit Johnnie Stewart for a two-point conversion pass.

The only offensive rally by the Dawgs came on a Leslie Lewis to Fred Lewis touchdown pass. The Dirty Dawgs were blanked for the rest of the game.

Brown connected with Nabors for a final touchdown pass and then found Mike Watkins in the end zone for the two-point conversion and the Bombers had their 30-6 triumph.

In other games last week, SAAK stopped Fine Line 20-6, P.E. Bombers rolled over Mad Dogs 82-0 and Night Attack gridders beat ASF 20-6.

The league starts a holiday break this week. Play will resume in January for make up games and the playoffs. The top four regular season team will vie in the playoffs for berths in the China Lake Super Bowl.

MWR seeks volleyball and hockey athletes for spring play at NAWS

Advance registration for the 1993 Youth Volleyball and Youth Hockey seasons are now underway at the Youth Activities Branch of the Morale, Welfare and Recreation Department at China Lake. Registration continues through Jan. 4. The seasons begin Jan. 23.

Youngsters 7 to 14 years old are eligible to participate in volleyball. Hockey, in two division, is open to all ages. Fees range from \$16 to \$23 for the first child from a family per sport. Discounts apply for families with more than one child participating.

Evaluation of volleyball and hockey league participants is set for Monday, Jan. 4 from 6 to 8 p.m. at the China Lake Youth Center. Parents of volleyball athletes will be notified of team placement after the Jan. 14 coaches meeting. Parents of hockey athletes will be notified of team placement after the Jan. 13 coaches and referees meeting. Volunteer coaches and referees are needed for these leagues. For details on fees and schedules call 939-2909.

Cerro Coso College, Ridgecrest plan winter baseball camp

Cerro Coso Community College's Baseball Program will be offering a Winter Baseball Camp Dec. 28-30 for youths age 8 to 18. The camp will be coordinated by Cerro Coso Coyote Head Coach Dick Adams. The cost is \$60 for three days. The camp will be held at the Kerr McGee Athletic Complex in Ridgecrest. Call 375-5001, ext. 386.

★ CHEVROLET ★ BUICK ★ TOYOTA ★ GEO ★★ CHEVROLET ★ BUICK ★ TOYOTA ★ GEO ★

Approved Government Vendor

Government Visa Cards Accepted Here!

Parts - Service - Vehicles - More!

BUD EYRE CHEVROLET - BUICK - TOYOTA - GEO

New Cars 321 China Lake Blvd. 375-4401
Used Cars 433 N. China Lake Blvd. 375-4405

Se Habla Español

★ CHEVROLET ★ BUICK ★ TOYOTA ★ GEO ★★ CHEVROLET ★ BUICK ★ TOYOTA ★ GEO ★

NEW MILL, from Page 8

Bill Styer (now deceased) and Jim Embry were the project engineers for the effort. When the drawings were complete the focus was shifted to the shops for installation.

"During the installation we pulled all the talents from the process support and equipment support sections together," said Gordon Fawkes, now head of the Ordnance Support Branch, "then reshuffled that talent into a construction brigade and a maintenance brigade to make sure that we had enough support for the day-to-day plant maintenance during the construction period."

"And they did a very commendable job," he said. "When the field service team from Aljet (the mill manufacturer) came out to turn the system on and train us in its use, they were very impressed with the engineering and professionalism of the installation."

There is no liquid involved in a fluid energy mill. The "fluid" energy that drives the process is highly compressed air. The new compressor (which is also used for another mill) supplies air to the Aljet mill at 95 pounds per square inch at the pusher nozzle, which draws the ammonium perchlorate into the donut shaped grinding chamber. This pressure together with similar pressure from six manifold nozzles equally spaced around the chamber, creates an internal "wind" speed of some 750 feet per second.

"It creates a miniature 'super' hurricane inside the mill," said technician Larry Lesniak, who will operate the mill for C2772. "The force of the particles colliding with one another and against the walls on the inside of the mill is what causes them to break down to the appropriate size."

Howard Gerrish, also of C2772, added that centrifugal forces inside the mill will keep larger particles circulating at the outer edges of the chamber, while the three-micron and smaller particles will drift to the center and be lifted out by the air stream flowing through extraction piping. The exhausted air then flows through a filtered hopper where the fine-particle AP is collected.

Both Gerrish and Lesniak were enthusiastic about the mill's efficiency over the Sweco grinder (the ceramic bead grinder).

"This mill not only brings us into environmental compliance," said Gerrish, "but it's much faster than the Sweco process. It processes 50 pounds of fine AP per hour and there is no drying time. With the Sweco it took seven hours to get 80 pounds, and then it had to dry for seven days." The effort was another good mark for TQL and teamwork, according to Tony Dorsey.

"The success of the project can be attributed to the team approach," he said. "Technical operators, facility engineers and craftsmen all contributed their expertise to produce a well-rounded project. No one faction could have done it alone."

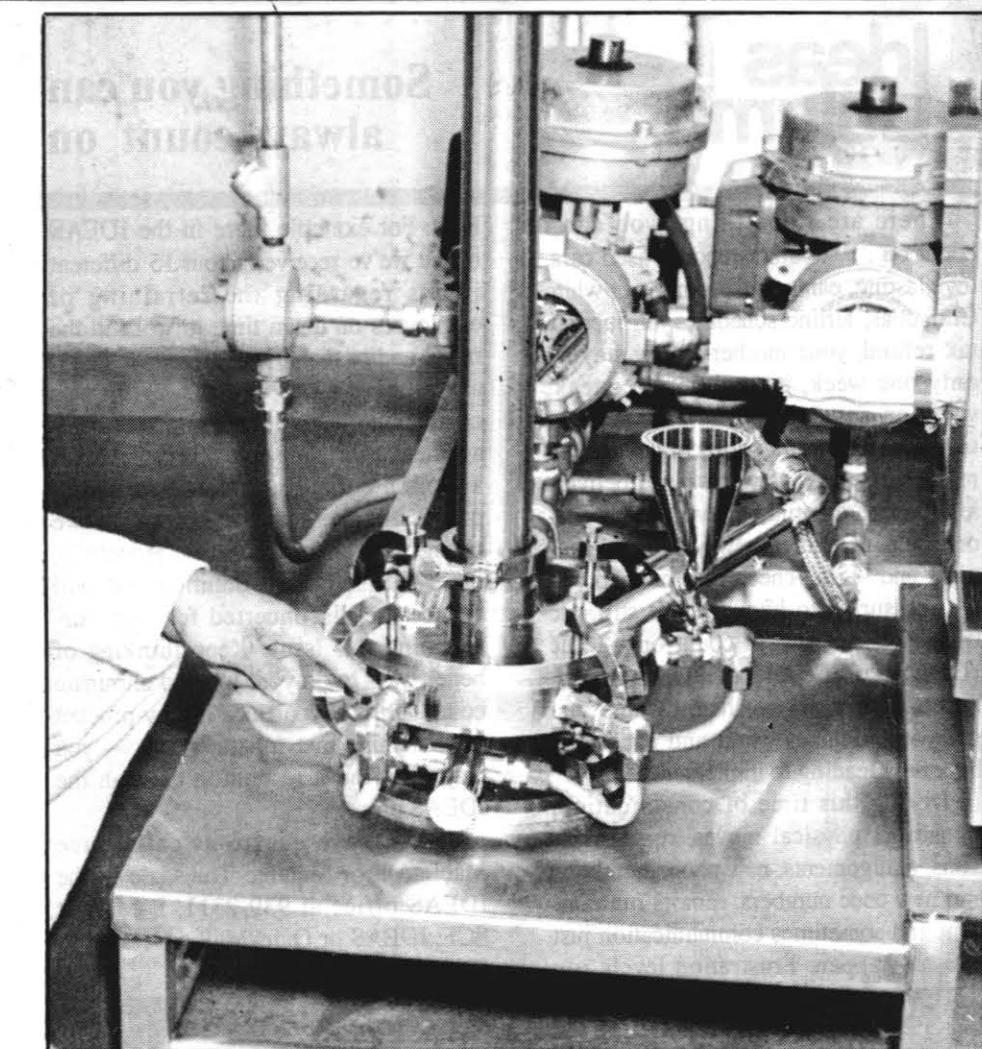


Photo by Terry Pascarella

SMALL, BUT MIGHTY—Fluid energy mill is dwarfed by attendant equipment, but the little grinding chamber grinds 50 pounds of ammonium perchlorate per hour. Larry Lesniak points out one of the manifold nozzles that helps to create internal "wind" speed of 750 feet per second.

386 40MHz \$1,369

Complete system with separate I/O-bus clock, sockets for 80387 or Weitek 3167 math coprocessor, true 40MHz 386 CPU & chipset, 4MB RAM, 64K cache, a 1.2MB/360K floppy disk drive & a 1.44MB floppy disk drive, 1:1 120MB super-high performance* hard drive, 14" 1024x768 VGA monitor (very high user satisfaction) & 1024x768x256 colors 1MB VGA adapter, one parallel & two serial ports, super full tower with speed display, Microsoft-compatible mouse, enhanced 101 keyboard, Microsoft Windows 3.1, MS-DOS 5.0. No-hassle 3-year parts & labor warranty on entire system. MPC compatible CD-ROM drive, \$220.

486 50MHz \$1,995

Complete system with 256K cache, separate I/O-bus clock, socket for Weitek 4167 coprocessor, true 50MHz 486 CPU & chipset, 1:1 120MB super-high performance* hard drive, 4MB RAM, one parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, Microsoft-compatible mouse, enhanced keyboard, Windows 3.1, MS-DOS 5.0. No-hassle 3-year parts & labor warranty on entire system. Add a CD-ROM drive for \$220. Local Bus version & local bus cards available for all our 486 systems. Economy systems avail.

66MHz 486 \$2,069

A true Intel OverDrive 486 CPU makes this the fastest 486 going (as fast as or faster than everything, including 486 DX2s), 256K cache, separate I/O-bus clock, 120MB super-high performance* hard drive, 4MB RAM, one 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, MS-DOS 5.0, & much more. Your choice of case: high-end tower, standard tower, baby tower, desktop. No-hassle 3-year parts & labor warranty. CD-ROM \$220.

*Only faster system we know of is this same system speeded up (e.g., for Windows, w/Local Bus & Local-Bus VGA card).

Computer Store
251 Balsam St. 375-5744

THE MIDAS CHALLENGE

LUBE, OIL & FILTER \$18.95*

Up to 5 qts. Multi-grade oil • New filter
New oil filter • Lube chassis fittings
Most cars and light trucks
Offer good with coupon only through 12-31-92 at participating Midas dealers

NOW OPEN SUNDAYS 9:00-2:00

Now Doing SMOG CHECKS \$19.95*

Plus \$7.00 for Certificate Free Reread (w/out work)
Expires 12-31-92 Most Cars and Light Trucks

BRAKES \$89.00 \$79.00

Semi Metallic Organic
PER AXLE MOST CARS AND LIGHT TRUCK
New guaranteed brakes shoes or pads • Resurface drums or rotors • Replace grease seals as needed • Repack wheel bearings, except sealed units • Inspect hydraulic system • Top off brake fluid as needed • Road test • See guarantee terms in shop
FREE BRAKE INSPECTION MOST CARS AND LIGHT TRUCKS
Offer good with coupon only through 12-31-92 at participating Midas dealers

COMPUTERIZED ALIGNMENT \$29.00

2-Wheel Vehicle\$29.00
2-Wheel Thrust\$39.00
4-Wheel Alignment\$59.00
Most cars & trucks

LIFETIME MUFFLER \$55.95

STARTING AT...
Change Fluid, Filter and Gasket
Offer good with coupon only through 12-31-92 at participating Midas dealers

TUNE UPS \$45.00 \$56.00 \$59.00

Most Cars
4 Cylinder\$45.00
6 Cylinder\$56.00
8 Cylinder\$59.00
Offer good with coupon only through 12-31-92 at participating Midas dealers

TRANSMISSION SERVICE \$59.95*

Offer good with coupon only through 12-31-92 at participating Midas dealers

124 W. Upjohn • 371-2592
2500 Midas Locations Coast to Coast
*Additional parts, services and labor are often needed at substantial extra cost.

Ideas Column

Something you can always count on

There are some things you can't count on... weather reports, used cars, love lasting, campaign promises, a white Christmas, airline schedules, an income tax refund, your mother-in-law staying only one week, a medium rare steak, vacation sunshine, restaurant reputations, astrologers, cooking times in recipes, movie reviewers, pizza deliveries, the ripening time of avocados, a second date, computers always up and running, and — the check's in the mail... It's reassuring to know there's still one thing you can always count on — The IDEAS Office and the Department Points of Contact are here to help you get your Idea reviewed and evaluated hopefully leading to implementation.

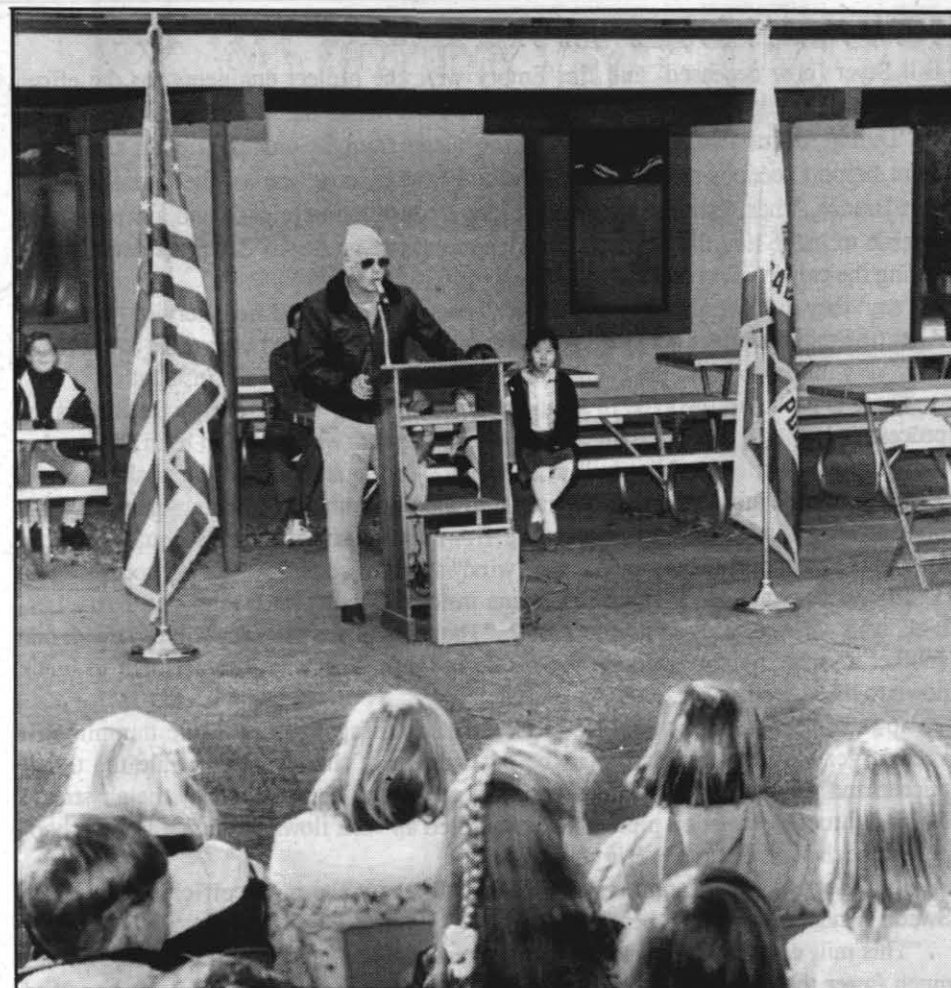
During this time of consolidation, transition, physical moves, reorganizations, realignments, new phone numbers, and new code numbers, rumors run rampant and sometimes communication just doesn't happen. Frustration levels run

high. For example, here in the IDEAS office we've received about 15 different inputs regarding the retraining of employees on down time to work in the travel and/or disbursing areas. We don't, as yet, have a positive answer for this complex problem but are aware of management efforts to solve this issue. Ideas are often born from frustration with a process or the system. That's how we change things for the better. Hopefully, there will soon be a solution that will reduce the disconcerted feelings surrounding this issue. Keep thinking of better ways to do your job and eliminate costs — and if your Idea is a by-product of something that frustrates you — you may just find a resolution through the IDEAS process.

If you have questions call Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, E-Mail at SCF::IDEAS or QuickMail addressed to IDEAS Code_06.

Bill Porter retirement party scheduled Jan. 7

Tickets are \$10 per person. Now on sale. Call Carol at 939-3409 or Public Affairs at 939-3511. Doors at Kerr McGee Center open 6 p.m. Presentations at 7:30 p.m.



FORTY YEARS — When Vieweg Elementary School celebrated 40 years of education in the community, Cdr. Chip Mills, executive officer at the Naval Air Weapons Station China Lake, was called on for remarks. The school was named after RAdm. Walter V.R. Vieweg, fourth commander of the Naval Ordnance Test Station. The color guard from the MAD at China Lake assisted in the celebration.

Wellness Corner

By Betty Miller
Wellness Coordinator

Happy, Healthy, Pleasurable Holidays

Is the house decorated, all the baking done, cards sent out with a personal note to each person, presents purchased and wrapped? Are you stressed with the hustle, bustle and expectations of this time of year? According to Dr. Rita McCullough Stanley of Ridgecrest's New Hope Counseling Center, here are some of the reasons and some remedies for holiday stresses.

Reason: Unrealistic expectation.

Remedy: Set realistic expectations. You don't have to be perfect, others are not perfect, this holiday probably won't be perfect.

Reason: Separation from family due to one of the three D's—divorce, death, or distance.

Remedy: Accept your feelings rather than fight them. Allow yourself to feel your painful feelings and give yourself time to heal. Talk out your feelings about the loss with someone. Reach out to someone who may be as lonely or lonelier than you. Don't be alone.

Reason: Being too busy and trying to do too much.

Remedy: Plan ahead. Decide what tasks you want to accomplish and break

them down into small steps. Set a timetable for accomplishing each of the small tasks. Pace yourself. Ask for help. Delegate tasks. And don't exhaust yourself.

Reason: Financial burdens.

Remedy: Realize the media bombards us with unrealistically high expectations. Set a budget and stick to it. Give inexpensive gifts of time, talent, or service.

Reason: Upset in the regular routine and increase in unstructured time.

Remedy: Provide the missing structure by setting goals for the holidays, planning some special activities, getting time alone, and planning activities to occupy the children.

Reason: Conflict with family and relatives with whom you get together.

Remedy: Don't get together with family. If you do get together, communi-

cate your expectations, role-play or write down in advance how you might deal with potential conflict, and generate options for conflict resolution. Plan activities to avoid boredom and as a diversion from conflict. Take a break.

Reason: Doing too many "shoulds."

Remedy: Separate your "shoulds" from your "wants," and realize you have a choice—you may choose to eliminate some "shoulds" and do more "wants."

Reason: Losing sight of the real reason for the season.

Remedy: Ask yourself the following two questions—"What, to you, is the purpose for the holiday season?" and "What three things related to your single purpose for the season do you want to accomplish this year during the holiday season?" Stay focussed on these goals, and eliminate whatever else would distract you from your goals.

Safety Sense

By Lana Aguilera
Fire Inspector

A fire-safe Christmas

Here are some fire-wise tips for a safer, more enjoyable Christmas season.

Blow out candles and turn off inside lights and electrical decorations before

you leave the house. If you plan to leave a room for an extended period, it's wise to shut off lights and decorated items in that room too. Choose only deep seated

candles or those with hurricane glass covers.

Exchange gifts fire-wisely. set out colorful department store shopping bags, and dispose of gift wrappings in the bags as soon as each gift is unwrapped. Then discard the filled bags in a metal trash can before the evening is out.

Boxes and other manufacturer-provided packaging should be disposed of promptly, too. Save only those boxes which may be required to ship defective

mechanical or electrical gifts back for warranty repair.

Here's a tip for choosing and check a live Christmas tree for freshness. Pull out a needle and squeeze it between your thumb and forefinger. If it flexes, the tree is still moist. If it snaps, reject the tree, or if it's already in your home, dispose of it at once.

Christmas should be a festive season. Beat fire at its own game and don't let a tragic blaze ruin your holidays.

STOP and SAVE

Deli Sandwiches
Groceries, Beer, Wine
MilkGal. \$2.49

Complimentary Coffee
Every Day!

CIGARETTES
100's or Kings

Best Value.....\$8.69
Marlboro Pack.....\$1.99
Best Buy.....\$9.99

**PAYROLL CHECKS
CASHED!**

**LOWEST LIQUOR
PRICES IN
TOWN!**

WE ACCEPT
Food Stamps &
Manufacturers Coupons

Diners Club, Travelers
Checks, and Texaco Card
honored for all your purchases.
SOPHISTICATED ENTERTAINMENT
ADULT XXX VIDEOS
Blow out sale homemade
amateur full length feature.
Buy 1 get 1 free, only 7.99+
Large selection of XXX

TEXACO 1-STOP MARKET

1 blk. south of front gate•446-6376• Open 5:30am-2am Everyday

WOOD'S CHRISTMAS TREE FARM

Open 9:00 AM to 4:30 P.M. Sat. & Sun. til Christmas.

Choose and cut your own Christmas Tree - just can't be fresher! Or reserve your tree for cutting later!

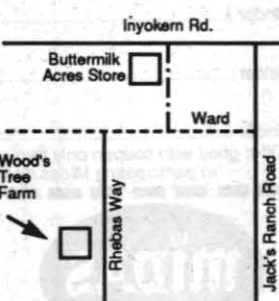
\$3.50 per foot plus tax
11' & over \$38.50

**ASK ABOUT
OUR BIG
TREE OFFER**

623 Rhebas Way
377-5558



Claude & Beverly Wood



BUSINESS ENTREPRENEURS IN COMPUTER INDUSTRY!

Build a successful independent business in partnership with Sun Microsystems Computer Corporation, a leading worldwide supplier of distributed computing technologies.

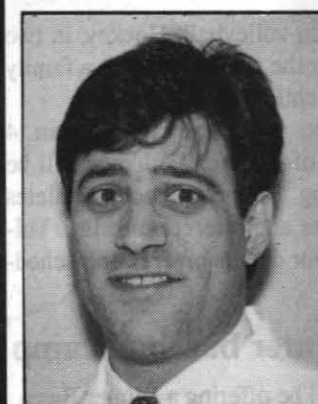
Sun is looking for a seasoned business professional who is capable of building a first-class organization to serve the computing needs of China Lake customers and prospects.

The successful candidate will have several years experience in senior computer sales and business management, and be ready to invest in the future with one of the world's fastest growing major computer companies.

For further information, please fax a resume or business summary to (818) 905-05841, or call Steve McKenna, District Manager, Sun Microsystems at (818) 905-0200.

Responses will be kept in strictest confidence.

Serious candidates only with investment capital please. No agencies.



YOUR SKIN NOW HAS HELP!

Jeffrey Gunter, M.D.

Diplomate American Board of Dermatology
Assistant Clinical Professor of Dermatology
at the USC School of Medicine

is now in

Ridgecrest

**Skin Cancer Surgery-Acne-Moles
Skin Diseases-Mohs Chemosurgery**

Most major insurances accepted including: GEHA, Blue Cross, Blue Shield, Aetna, Champus Prime, & Medicare Assignment

Call (619) 384-2592 to schedule an
appointment in our New Ridgecrest Office
801 Downs #J

How do you think Santa keeps it all together?

Insupco for low prices and quality service.



Happy Holidays

from:

INSUPCO

120 E. CHURCH ST.
RIDGECREST, CA 93555
Phone: 371-3419 FAX 371-3422

"One Call Does It All!"

Price quotes on special order items.

PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12862, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

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

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

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

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

MERIT PROMOTION

No. 29-007, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist/Mathematician), DP-801/830/855/861/1310/1520-3, Code C2913 — This position is Head of the Missile Effectiveness Branch, Missile Systems Division, Intercept Weapons Department. The branch has the endgame effectiveness analysis charter for the Intercept Weapons Department. These analyses are based on missile versus target simulations from launch through lethality assessment. The branch is responsible for the operation and maintenance of the Encounter Simulation Laboratory (ESL) and the new Missile Engagement Simulation Arena (MESA) that provide fuse signature data for the endgame simulations. **Job-Relevant Criteria:** Knowledge of fuse technology and fuse simulation methodology; knowledge of endgame effectiveness analysis; ability to deal effectively with top NAWC management and officials from Washington; ability to deal effectively with personnel of diverse backgrounds; ability to support NAWC EEO goals and objectives. Extensive travel is required between China Lake and the ESL facility in Norco, California, until completion of MESA in 1995. Incumbent must serve a 1-year supervisory probationary period if not previously completed. Incumbent must be able to obtain and maintain a Top Secret clearance. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal drugs prior to final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. Area of consideration is Naval Air Warfare Center Weapons Division. Promotion potential to DP-4, but not guaranteed. Note: This position has been identified as being an "Acquisition Professional" position under the Defense Acquisition Workforce Improvement Act. The Act mandates certain education, training, and experience requirements which may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. Permanent change of duty station (PCS) is authorized. This ad opens on 17 December and closes on 14 January.

No. 32-004, Electronics Technician, DT-856-1/2/3, Code C3253 — This position is located in

the Telemetry Operations Branch, Data Systems Division, Range Department. The Branch supports all scheduled range operations involving telemetry reception processing and distribution of data received from a variety of projects occurring on- and off-center. The incumbent will have the responsibility for functional operation of many specialized types of equipment unique to the operation of a modern telemetry receiving station. **Job-Relevant Criteria:** Knowledge of digital and/or analog circuit design; skill in using electronic test equipment; ability to maintain, calibrate, and troubleshoot electronic equipment; ability to communicate in writing; and the ability to communicate orally. This position requires that the employee be able to obtain and maintain a Top Secret clearance. Any applicant tentatively selected to this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. Promotional potential to DT-3, but not guaranteed. Previous applicants need not reapply.

No. 036-JM-92, Supervisory Employee Development Specialist, GS/GM-235-12/13 or DP-235-3, Human Resources Development Division, Human Resources Department, Services and Information Directorate, Naval Air Warfare Center Weapons Division, Point Mugu or China Lake site, Code P622 — Incumbent serves as Head of the Human Resources Development Division. Supervises approximately 40 employees working in two different locales. Duties include the management and evaluation of training and development programs and ensuring the quality, relevance, and efficiency of these programs. The incumbent represents the Human Resources Department at various boards and ad hoc committees, and must have the ability to deal effectively with all levels of personnel. The incumbent is responsible for simplifying processes and procedures and implementing these efficiencies. **Quality-Ranking Factor:** Demonstrated ability to plan, direct and manage employee development programs. This position will be filled at the GS/GM-12/13 or DP-3. Full performance level is GM-13 or DP-3. PROMOTION IS NOT GUARANTEED. May be required to serve a 1-year probationary period. Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date or they may

be sent directly to the Human Resources Department, Naval Air Warfare Center Weapons Division, Attn: Jan Meadows, Point Mugu, CA, 93402-5002. Mailed applications must be postmarked NLT the closing date. Point of contact is Jan Meadows, AV 31-3261. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 17 December and closes on 7 January.

No. 64-001, Mail/File Clerk, DG-305-1/2, Code C6442 — This position is located in the Mail, File, and Records Branch, Technical Information Department. Duties include: Sorting, routing, copying, and distributing mail; processing incoming and outgoing express, registered, and certified mail, and metering outgoing mail. **Job-Relevant Criteria:** Ability to interface well with customers. Incumbent must be able to obtain and maintain a Secret clearance. This position has promotion potential to DG-2, but is not guaranteed. Previous applicants need not reapply.

No. 83-003, Supervisory General Engineer, DP-801-3/4, Code C8301 — This position is that of Deputy Public Works Officer, Public Works Department. This department manages construction and maintenance of facilities; military and civilian housing; transportation operations; and the geothermal and energy programs. Incumbent assists the Public Works Officer in managing the daily operations of the department and acts for him in his absence. Also provides oversight for the Facilities Support Contracts and Shore Facilities Planning Support. **Job Elements:** Knowledge of COMNAVFAECOM facilities management process, procedures, and organization; knowledge of OPNAV Shore Facilities Planning System; knowledge of affirmative action principles and a willingness to implement EEO practices; ability to manage an organization; ability to deal effectively with personnel at all levels; ability to supervise; ability to communicate orally; and ability to communicate in writing. Must be able to obtain and maintain a Secret clearance. May be required to serve a 1-year supervisory probationary period. Full performance level: DP-4. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 10 December and closes on 24 December.

SECRETARIAL COLUMN

No. 25-004 Secretary (Typing), DG-318-1/2, Code 25401 — This position is located in the Manufacturing Science Division, Engineering Department. The incumbent will provide secretarial support to the Concurrent Engineering Branch and the Prototype Manufacturing Branch. Knowledge and experience on the Macintosh is required. Proficiency on the following applications is desirable: Microsoft Word, Filemaker Pro, VersaTerm, PowerPoint, and Excel. Incumbent must be able to meet and deal effectively with others, have ability to interpret and apply written material, and work with little supervision. Promotion potential to DG-2.

No. 25-005 Secretary (Typing), DG-318-1/2, Code 2542 — This position is located in the Production Engineering Branch, Manufacturing Science Division, Engineering Department. The incumbent will provide secretarial support to the Branch Head and to branch personnel. Knowledge and experience on the Macintosh is required. Proficiency on the following applications is desirable: Microsoft Word, Filemaker Pro, VersaTerm, PowerPoint, and Excel. Promotion potential to DG-2.

No. 32-005, Secretary (Typing), DG-318-1/2, Code C3232 — This position is located in the Engineering Support Branch, Instrumentation Systems Division, Range Department. The incumbent will provide secretarial support to the branch head and branch personnel. Knowledge and experience on the Macintosh is required. Proficiency on the following applications is desirable: Microsoft Word, Filemaker Pro, Fast Track, VersaTerm, PowerPoint, and Excel. Must be able to acquire and maintain a Secret clearance. Promotion potential to DG-2, but not guaranteed.

No. 33-006 Secretary (Typing), DG-318-2/3, Code 3303 — Incumbent provides secretarial and administrative support to the Range Development Program Office within the Electronic Combat Range Department. Knowledge and working skill on the Macintosh is desirable. Must be able to obtain a Secret clearance. Work schedule is first forty, Monday-Thursday, 0630-1630. Promotion potential to DG-3.

SECRETARIAL OPPORTUNITIES

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

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

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



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

Submit items to: Code C6411; FAX 939-0945, Ellen Mahoney; or E-Mail to TID:ANC

PHONE NUMBER CHANGE FOR THE ANNOUNCEMENTS FAX

The phone number for the fax machine has been changed to 939-0565. If you have any questions call Ellen Mahoney at 927-3902. (Code C6411)

FINAL ISSUE OF 1992 ANNOUNCEMENTS

This is the final issue of the 1992 announcements. Announcements will resume publication on 14 January. The deadline for that week will be Monday, 11 January, 1500. If you have any questions call Ellen Mahoney at 927-3902. (Code C6411)

MANDATORY MEETING OF ALL TECHNICAL COORDINATORS ON THE ADP SUPPORT SERVICE CONTRACT N66-32-90-0003 (BOEING)

There will be a mandatory meeting for all Technical Coordinators on Contract N66032-90-D-0003 (Boeing), Wednesday, 13 January from 1000-1130 in Mich Lab, Room 1000D. If you have any questions or concerns you would like addressed at the meeting, contact the Contract Coordination Team at 446-2938.

It is mandatory for all Technical Coordinators or a representative to be present. (Code C21B)

FRESHSTART-STOP SMOKING PROGRAM

Here's an opportunity to join with other smokers who desire to become nonsmokers in 1993. The American Cancer Society's Freshstart Program is a four session workshop scheduled for 21, 25, and 28 January and 1 February. Each session is 1 hour long (1600-1700) and will be held in the Training Center Trailer. The program is designed to help you transition from smoking to nonsmoking by providing you with information and strategies to direct your own efforts to change. The workshop will be limited to 10-15 people and will be led by a person trained by the American Cancer Society.

Enrollments are on a call-in basis. Please call the Wellness Program Office, 939-2468, for information and enrollment. (Code C622)

MAMMOGRAPHY SCREENING

The Wellness Program (C62206) will sponsor a mammography screening for NAWC/NAWS employees and their spouses. Valley Technological Services (VTS) will have its mobile mammography unit at the Michelson Lab parking area on 27, 28 January and 10 February. The cost of the x-ray exam is \$60. Participants must be 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology.

To schedule an appointment call (800) 458-338. (Code C622)

NEW VOICE MAIL SYSTEM TO BE INSTALLED

The new Meridian Mail Voice Messaging System will be ready for operation on 18 December. All current users will be cut over to the new system by 21 December. As of 4 January, we will start installing new users into the system. We hope to have all new users up and running by the end of March.

With the new system, there will be two access numbers. If your mailbox has a prefix of 939, you will dial 939-3000; if your mailbox has a prefix of 927, you will dial 927-2400. Both of these numbers have AUTOVON capability.

Those of you who currently have a voice mailbox, must read and delete all messages by COB on 17 December 1992, at which time direct access to the old system will be denied. CASI will keep unread messages on the old system for 30 days, but you will have to contact the CASI trouble desk (611) for an access number. In addition, you will need to reset your password and greeting on the new system, since they will not be carried over from the old system.

We will try to issue training manuals to everyone receiving a voice mailbox, but if you do not receive a manual they will be available through the Telephone Services Branch, Code C6314. If you have any further questions, contact Ruth Ellingson, Code C6314(BCS) at 939-8788.

Remember that for security reasons, it is your responsibility to change your password within 5 working days of notification that your mailbox has been installed. The default password is for initial temporary access only, and access may be denied if your password is not changed. (C6314)

PLOTTER PAPER AVAILABLE

Code C8404 has one case of 11 x 17-inch plotter paper available. Contact Donna Charles at 939-0842 if you are interested. (Code C8404)

TWO HP 9845C COMPUTER SYSTEMS AVAILABLE

Code C3932 has two HP 9845C computer systems that they are willing to transfer to any code that has the need for them. The systems consist of two 9845C computers, two 9895A floppy drives, one 9134A hard drive, and one 7908 hard drive. For more information call, Delmer Cox at 939-0231, or Bill Maraffio at 939-0255. (Code C3932)

SECURE FACSIMILE SERVICE

As of 4 January the secure facsimile service provided by the Video Teleconferencing Center will no longer be available. The codes should investigate other avenues to meet their secure faxing needs. Those past frequent users of this service should consider procuring a secure fax machine for regular use. (Code C8408 can assist you by providing a list of

"secure" fax machines that are approved for use and are compatible with our STU-III phones.) Users who are not able to plan ahead to send documents via other means and need to utilize a secure fax should query their own departments for the location of secure fax assets. (Codes C6311/C8408)

XEROX FACSIMILES MAINTENANCE CONTRACT EXPIRES

On 16 December the Center-wide maintenance contract or Xerox facsimiles (FAX machines) will expire due to Center-wide budget cuts. There will no longer be "no cost" maintenance to the codes.

The Contracts Coordination Branch (C6331) is in the process of putting together an indefinite delivery type purchase order for continuing remedial maintenance and preventative maintenance. This will be a per-call (time and materials) agreement. Until the new contract is in place, if your Fax machine needs repair you will have to prepare a 9-part stub for per-call repair. The per-call charge is \$135 for each half-hour, plus parts. Each additional 15 minutes is \$27.50. The average repair call is 1 hour, plus parts.

If you have any questions call Annabelle Lipinski at 939-3427. (Code C6331)

REVIVAL OF THE CHINA LAKE SUN USERS GROUP

The Sun Users Group (SUG) is in the process of being revived with monthly meetings or some activities to begin in

January on a regular basis. The response to the E-Mail sent to the SUG alias was very low (6 out of 43). To get a better survey of the users of Sun workstations, the call is out for anyone interested in participating in a users group. If you are interested, send an E-Mail to "david.olanyk@chinalake.navy.mil (or david@enterprise)" or call 939-3879.

Include your name, code, phone number, E-Mail address, and what you would like to see in your user group. The only list we currently have is the SUG alias which does not allow us to get information to you if your machine is down. (C2952)

DECNET ADDRESS CHANGE AT CHINA LAKE

On 17 December at 1700, DECNet routing will be enabled between Main Site (Mich Lab) and the Airfield (NAF). All computers on the China Lake corporate network using DECNet will be required to change their DECNet address or they will be unable to communicate with other China Lake DECNet devices. This is a relatively simple procedure for most computers but usually requires the system to be rebooted for the change to take place. THIS CHANGE DOES NOT AFFECT THE NAME OF THE HOST MACHINE. All system administrators of registered DECNet devices should have received information on this change in the Guard Mail. If you have not received this information or have further questions, contact Ron Smith at the Network Management Center, 939-6661. (Code C6311)

RETIREMENTS AND FAREWELLS

THERESA THOMASON

Theresa Thomason, Head of Staff for the Comptroller Department is leaving the area to accept a position at Patuxent River, Maryland. A luncheon will be held at Farris' at the Heritage on 8 January at 1130. The lunch menu will include your choice of beef stroganoff or chicken and rice at a cost of \$8.50 per person, which includes coffee/tea, tax, and gratuity. If you would like to attend, call Judy or Linda, 939-3917/3605, or Kim, 939-2140 by close of business 5 January. (Code C6101)

BILL UNDERWOOD

Bill Underwood (C03A03) will be retiring at the end of December after 36 years of Federal service, all of which were served at China Lake. A farewell party will be held on Thursday, 14 January, beginning at 1800 at the Seafarer Club. A dinner will be served at 1900 at a cost of \$12 per person. Dinner will include a choice of sirloin beef or chicken in orange sauce. For tickets, presentations, or gift donations contact Peggy Bell at 939-3880 by 7 January 1993.

DARRELL BYMOEN

Darrell Bymoen (Code C2942) retired on 2 December after 29 years of federal service, 26 of which were served at China Lake. Darrell has worked on a variety of projects at China Lake including Swimmer Weapon Systems, Vertical Launch ASROC, Sidewinder AIM-9R, and Multi-Mission Propulsion Technology. A farewell party will be held on Friday, 8 January at 1730 at the Seafarer Club. A buffet dinner will be served at 1800 at a cost of \$11.00. For tickets, presentations, or gift donations contact Darla Siler, 939-1207/4571 or Max Moffitt 939-4733 by 6 January. (Code C2942)



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 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018.

Pamela Carpenter, Chemist, Code C2714.

Pamela is indebted for leave due to hospitalization for hyper emissis gravatus.

Leslie Brockwell, Electronics Technician, Code C3251.

Leslie Brockwell is indebted for leave for previous surgeries and is in need of another surgery.

Anita Trenholm, Electronics Technician, Code C2875.

Anita is undergoing a total hysterectomy and is in need of leave.

Brenda Kirkpatrick, Medical Transcriber, Branch Medical Clinic (Long Beach).

Brenda's daughter was in a car accident and severely injured her foot and requires surgery and rehabilitation.

Marvin Kennedy, Electronics Technician, Code C3312.

Marvin Kennedy is undergoing surgery and is indebted for leave.

Diane Richardson, Program Analyst, Code C2708.

Diane Richardson is undergoing foot

surgery and will be home recovering. She is indebted for leave.

Jesse Ray Lewis, Jr., Police Officer, Code C8413.

Jesse Ray Lewis, Jr., has been off work for several months as a result of back surgery and its complications.

Jan Slater, Security Assistant, Code C8433.

Jan Slater suffers from pseudotumor cerebri. She had brain shunt surgery to reduce brain swelling and will be home recovering.

Deborah A. Birch, Secretary, Code C392A.

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

Alvina S. Quintanilla, Contract Specialist, Code C654.

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



Unless otherwise noted,

enroll in the following

classes by submitting

NAVWPNCEN 12410/73

(Rev. 12-88),

Request for On-Center Training,

via department channels to Code C622.

(Code C622)

ORDNANCE SYSTEM DESIGN (32 hrs.)

22-25 February; Monday-Thursday, 0800-1600; Training Center. By: Ron Cohn, Coordinator, Code C2876

REQUIRED FOR ENROLLEES IN THE SEC PROGRAM.

This course will cover explosives, detonation physics and phenomena, warhead design and development, terminal effects/ballistic interactions/lethality, safety and arming devices, safe-separation analysis for safety and arming devices, target vulnerability, target damage effect, warhead/fuze system optimization, and proximity fuze design. The class will close with a rap session.

Deadline: 8 February

OFFICE ORIENTATION (16 hrs.)

4-5 January; Monday-Wednesday, 0800-1600; Training Center. By: LaNelle Thompson

This workshop will help any employee reach a high level of professionalism and productivity. Updated information follows guidelines set forth by the Professional Secretaries International. This class teaches each participant how to be an effective office manager and how to build clerical skills. There will be guidelines presented for courteous and successful communications on the job, as well as techniques for handling time, paperwork, telephones, and people. There will be lecture, group exercises, workbooks, visuals, and discussion groups. To enroll, call Pat at 939-3159.

PROFESSIONAL DEVELOPMENT FOR SUPPORT STAFF (16 hrs.)

11-12 January; Monday-Tuesday, 0800-1600; Training Center. By: Eve Cappello, Ph.D.

This is the only course of its kind to offer the ABCD's of professionalism with emphasis on professional behavior, productivity, and performance. Strategies for career development, improving customer/employee rela-

tions, acquiring leadership skill, and achieving goals and climbing the corporate ladder are offered in this dynamic training program. This course offers a peak performance hands-on approach on how to think, act, write, and look like a pro, and also achieve credibility and get recognition with positive, professional behavior. To reserve your space in this workshop, call Pat at 939-3159.

PROBLEM SOLVING & DECISION MAKING (16 hrs.)

12-13 January; Tuesday and Wednesday, 0800-1600; Training Center. By: Suzanne Hard, Consultant

Designed to develop your creative problem-solving abilities, this practical course will allow you to design your life more effectively by adopting problem-solving techniques that work and by eliminating ones that do not work. You will learn to recognize problems, anticipate difficulties, generate creative and realistic solutions against predetermined criteria, implement the chosen solutions, and evaluate results.

Note: Enrollments are on a call-in basis only. To enroll, call 939-3159.

TIME MANAGEMENT STRATEGIES (8 hrs.)

11 January; Monday, 0800-1600; Training Center. By: Suzanne Hard, Consultant

The focus of this course will be on interactive, experiential learning with time for analysis, feedback and development of action plans for individual participants. Dr. Hard believes in giving programs that offer pragmatic solutions to issues based on sound organizational theory and knowledge of group dynamics. Tools used will be mini-lecture, video tapes, group discussions, group and individual exercises, role playing, and assessments. Class topics include, but are not limited to: right brain versus left brain, delegation, setting priorities, and inventory of time management, interruptions, and scheduling. This

class is intended for anyone who has multiple priorities and not enough time to go around.

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

CAREER TRANSITION WORKSHOP

26 and 28 January; Tuesday and Thursday (plus pre- and post-interviews and a 2-hour wrap-up session), Training Center. By: Cerro Coso Staff

This workshop is designed for employees who, either by choice or by circumstances, are considering retirement or transitioning to other jobs, either on- or off-Center. The workshop will include self-assessment of interests and abilities, development and evaluation of options, as well as resume writing and enhancing interviewing and job search skills. As preparation for the workshop, each participant will have an individual 20-minute pre-interview with the instructor. Each participant will also have a 20-minute post-interview with Training Center personnel. A 2-hour wrap-up session will follow. **NOTE: THIS WORKSHOP IS ON 2-DAYS, TUESDAY AND THURSDAY.** To sign up for this class, call Pat at 939-3159.

GENADMIN MESSAGE PREPARATION (4 hrs.)

20 January; Wednesday; 0800-1600; Training Center. By: H2 Enterprises

This course is based on information obtained from Naval Telecommunications Users Manual, NTP-3. The purpose is to understand the background, purpose, and contents of the GENADMIN Naval Message Format. Participants will learn why the U.S. Armed Forces shifted to GENADMIN format, and when and how to use mandatory and optional SETs and FIELDs. The course will also review message requirements as outlined in Naval Telecommunications Users Manual, NTP-3. Many hints and tricks will be covered that can be used on a daily basis. Class size is limited.

Note: Enrollment is on a call-in basis only. To reserve a space, call 939-3159.

INTRODUCTION TO EXERCISE (12 hrs.)

5 January through 11 February; Tuesdays and Thursdays, 1645-1745; NAWS Gymnasium, Discrete Room. By: Dana Alloway

This is an introductory exercise program which will provide the opportunity for participants to practice:

- Safe use of the gym's exercise equipment
- A stretching routine designed for relaxation and stress reduction
- Flexibility exercises
- Activities which lead to muscle strengthening and development
- Exercises designed to maintain a

healthy back

The joy of movement

The goal of the program is to develop an attitude of comfort and confidence with exercise. The class is reserved for people with little or no experience with exercise. Space is limited to allow individualized instruction.

Deadline: 22 December

Enrollments are on a call-in basis. Call the Wellness Program Office at 939-2468, for information and enrollment.

ADVANCED THRIFT SAVINGS PLAN (4 hrs.)

12 January; Tuesday, 1300-1700; Training Center. By: Charla Green, Consultant

This course is for all CSRS and FERS employees who are eligible to participate in the Thrift Savings Plan. The instructor will explain how the three Plan funds can fit into a personal investment portfolio. Information on financial goals, risk tolerance, and required rates of return will be presented to help participants determine an allocation and withdrawal strategy. The group will also discuss risk reduction techniques and learn how to choose and purchase a mutual fund. Ample time will be allowed for questions and group interaction.

To enroll in this course, submit an On-Center Training Request to Code C62206. Point of contact is the Wellness Program Office, 939-2468.

Deadline: 7 January

ANSI C PROGRAMMING (40 hrs.)

11-15 January; Monday-Friday, 0800-1600; Heritage Inn Flight Deck Room. By: Hewlett Packard

Prerequisites: Knowledge of a high-level programming language and of the basic command set and editor for a host operating system (MPE, RTE, or the UNIX system).

This course reviews all of the ANSI C programming language features, including ANSI C syntax, control flow, functions, pointer, structures, I/O, and standard library calls, including file I/O.

Presentation Method: Hands-on workshop.

Deadline: 28 December

Tuition fee is \$1,350 for this class. Please provide a JO# with your training request.

EXCEL MACROS (16 hrs.)

27-28 January; Wednesday-Thursday, 0800-1600; Training Center. By: Al Goettig, Consultant

Prerequisite: Experience with complex spreadsheets and at least a brief exposure to Excel's macro capability, or an understanding of spreadsheet structure and applications in combination with basic skills with a programming language such as Basic, Fortran,

Pascal, etc.

Intended Audience: Experienced spreadsheet users who want to learn how to automate routine procedures and incorporate macro routines into complex data systems and simulations.

The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive macros, looping procedures, and input data checking techniques will be covered. The approach used will be to develop macros to perform specific tasks. Individual elements of the macro language will be discussed in the context of the specific task being considered. Discussion of overall design of multiple spreadsheet systems and the possible uses of macros will also be included.

Presentation Method: Hands-on workshop

Deadline: 13 January

Enrollments are taken as first request received, first approved.

MACINTOSH FOR BEGINNERS (8 hrs.)

25-26 January; Monday-Tuesday, 0800-1130; Training Center. By: Marjorie Hunter, Code C0231

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the keyboard and the mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information; and 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 be able to cover these applications in any detail. The student is referred to other classes offered for specific applications.)

Presentation Method: Hands-on workshop.

Deadline: 11 January

Enrollments are taken as first request received, first approved.

MACINTOSH, SYSTEM 7 (8 hrs.)

21 January; Thursday, 0800-1600; Training Center. By: Kenneth LaBaw, Consultant

Prerequisite: At least 6 months experience with Macintosh System 6.

New features of System 7 will be explained, demonstrated, and related to the student's System 6 experience. The new desktop appearance coverage includes objects (icons), windows, hierarchical outlines, the new objects (aliases, stationary) and new features of the trash can. System commands and dialog boxes are explored and learned through hands-on exercises. Topical areas include the system folder, menu bar, multiple running applications, file sharing, publish and subscribe, memory, net courtesy, and security. As a bonus, QuickTime movies and custom icon creation will be demonstrated.

Presentation Method: Hands-on workshop.

Deadline: 7 January

Enrollments are taken as first request received, first approved.

WORD, ADVANCED (16 hrs.)

19-20 January; Tuesday-Wednesday, 0800-1600; Training Center. By: Donnie Goettig, Consultant

Prerequisite: 6-months experience using

Word 5.0.

In this course you will learn how to use the following:

1. Style sheets: automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing styles.

2. Tables: multiple page tables, combining, merging and splitting cells, sorting in the table.

3. Advanced graphics: cropping, resizing, position command, flowing text around the graphic.

4. Indexes and custom menus

5. Advanced formatting

6. Tips and keyboard shortcuts

Presentation Method: Hands-on workshop.

Deadline: 5 January

Enrollments are taken as first request received, first approved.

GRAPHICS ON THE MACINTOSH (16 hrs.)

13-14 January; Wednesday-Thursday, 0800-1600; Training Center. By: Olivia Francis, OVF Graphics

Prerequisite: Basic knowledge of the Macintosh operating system.

In this course you will learn 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: 30 December

Enrollments are filled as first request received, first approved.

MS-DOS, BEGINNING (8 hrs.)

13 January; Wednesday, 0800-1600; Training Center. By: Daryl Vaughn, Code C622

Intended Audience: Beginning users of IBM-PC or Zenith-compatible microcomputers.

This course is designed to provide the novice computer user with a basic understanding of how DOS manages hardware and software components, controls system operation, and directs input and output to and from peripheral devices. It includes a survey of file-storage techniques, operations commands, command structure, and utilities. Participants will learn how to use MS-DOS internal and external commands such as format, copy, diskcopy, dir, and chkdsk.

Presentation Method: Hands-on workshop.

Deadline: 30 December

Enrollments are filled as first request received, first approved.

TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

11 January; Monday, 0800-1600; Training Center. By: Maurice Brown, Consultant

Intended Audience: All employees.

The general themes of this 1-day TQM workshop are Deming's 14 Points, his 7 Deadly Diseases, and an overview of his Management System with emphasis on team problem-solving processes. The workshop will provide coaching on "What to Do" by addressing data-gathering steps (Process Flow Charting), problem identification (Brainstorming and Pareto Charting), problem analysis (Force Field Analysis, Cause and Effect Analysis), and problem solution.

Attention will be focused on "working on the right problem" and understanding the difference between symptoms and causes. During

the discussion on "How To Do It," time will be devoted to understanding group dynamics and their application in developing problem solutions. Topics during this portion of the training will include developing facilitation skills, staying focused on the task, maintaining effective teamwork, and dealing with dysfunctional behavior. One case study will be used near the end to bring the training together.

Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

REQUISITIONER'S WORKSHOP (Formerly called Small Purchase Acquisition Process) (8 hrs.)

5 January; Tuesday, 0730-1700; Training Center. By: Linda Watkins, Code C6502

This is a "how to" workshop designed to familiarize Center personnel with the small purchase procurement process. Topics include preparation of 9-part stubs, purchase descriptions, commercial versus system orders, stub flow, lead times, GSA orders, and other information to assist and enlighten the "end user." This class will also include an overview of SPEDI.

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

EVALUATING CONTRACTOR PERFORMANCE (16 hrs.)

7-8 January; Thursday-Friday, 0800-1600; Training Center. By: Kris Kristensen, Consultant

Intended Audience: Any program manager or employee involved with monitoring or evaluating a contractors' performance.

The objective of this 2-day course is to provide the student with a solid background in the competencies necessary to enable the Navy manager to evaluate and manage a Navy contract. Participants will learn:

* To develop and use an effective cost/schedule control system to manage contracts

* To identify the flowdown of work authorization through the organization

* To identify the earned value concept and its relationship to the terms: budgeted cost for work scheduled, budget cost for work performed, and actual cost of work performed

* To provide hands-on experience in creating a performance measurement baseline from contract data through budgeting and scheduling

* To learn the analytical techniques used to measure cost/schedule performance and to forecast cost at completion of the contract

* To identify the industry and government perspective on the analysis of performance data

This information will be presented through classroom lecture and discussion and through the use of exercises involving team participation and hands-on applications.

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

ADMINISTRATIVE POLICIES AND PROCEDURES FOR NEW SUPERVISORS (32 hrs.)

13, 14, 20, 21 January; Wednesdays and 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 supervisors), employee development, employee awards (and other aspects about the DEMO system), discipline (problem behavior, poor performance), and other topics of interest to supervisors.

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 sexual harassment.

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

CULTURAL/GENERATIONAL GAP (4 hrs.)

14 January; Thursday, 0800-1130 or 1230-1600; Training Center. By: Suzanne Hard, Consultant

Intended Audience: All NAWC/NAWS employees.

This course will look at the demographic, economic, and cultural impact of four groups on our workplace effectiveness. The four groups are *The Twenty-Something Generation*, *The Boomers*, *The Dinosaurs*, and *Gender*. The workforce is changing more rapidly than ever. When values are so different, how do you motivate, coach, and train? The new crop of employees, sometimes referred to as the "Brash Pack," have an attitude....they want access, authority, and answers....and they want it NOW. How do you manage and motivate them? The Boomers (now 30-45 years old) find themselves squeezed in the middle by their own large numbers. They see the Dinosaurs above who are not retiring and the Brashers who are pushing from below. Finally, we have the Dinosaurs—the "Command and Control Managers." They are calling many of the shots....they have the history, the networks and the savvy....

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

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

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

CONTRACTING OFFICER'S TECHNICAL REPRESENTATION (COTR) (20 hrs.)

19-21 January; Tuesday-Wednesday, 0800-1600 and Thursday, 0800-1130; Training Center. By: NRCC

The purpose of this course is to enhance the administration of service contracts. The course is for people who furnish technical input to contractors, evaluate contractor performance, and perform inspection and acceptance of services provided under contract. The training is designed to ensure that COTRs understand their responsibilities in administering service contracts.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be-placed). To enroll or ask questions, call 939-2686.

The NAWCWPN/NAWS Announcements, published by the Technical Information Department (Code C64), disseminates work-related information to all Center personnel and is distributed to all personnel in the *Rocketeer* on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code C622); Room 1000, Mich Lab; Room 203, Administration Building (Linda Brantner, Code C6101); and Room 212, TID Building (Ellen Mahoney, Code C6411). Items may be sent to Code C6411, or by FAX to 939-0565, Code C6411, ATTN: Ellen Mahoney, or mailed electronically to TID:ANC via the VAX. Any questions regarding the *Announcements* may be directed to Ramona Bernard, Code C6411.



**Happy Holidays
And
Best Wishes For A New Year**

from all of us at

CTA AVIONICS SYSTEMS DIVISION
INCORPORATED

*Season's
Greetings
to you and yours
from all of us*

Computing Technology
Computer Store
251 Balsam St. 375-5744



**Santa's
Checking
His
List...**

He Knows You've Been Nice. Merry Christmas & Thanks.
The Staff of
Guild Mortgage
833 N. Downs • 375-8724




Happy Holiday Season!

S.A.S.S.


Secretarial and Administrative Support Services

- Employment Agency • Permanent & Temporary Employees
- Drug & Pre-Employment Screening • Typing • Notary • Payroll

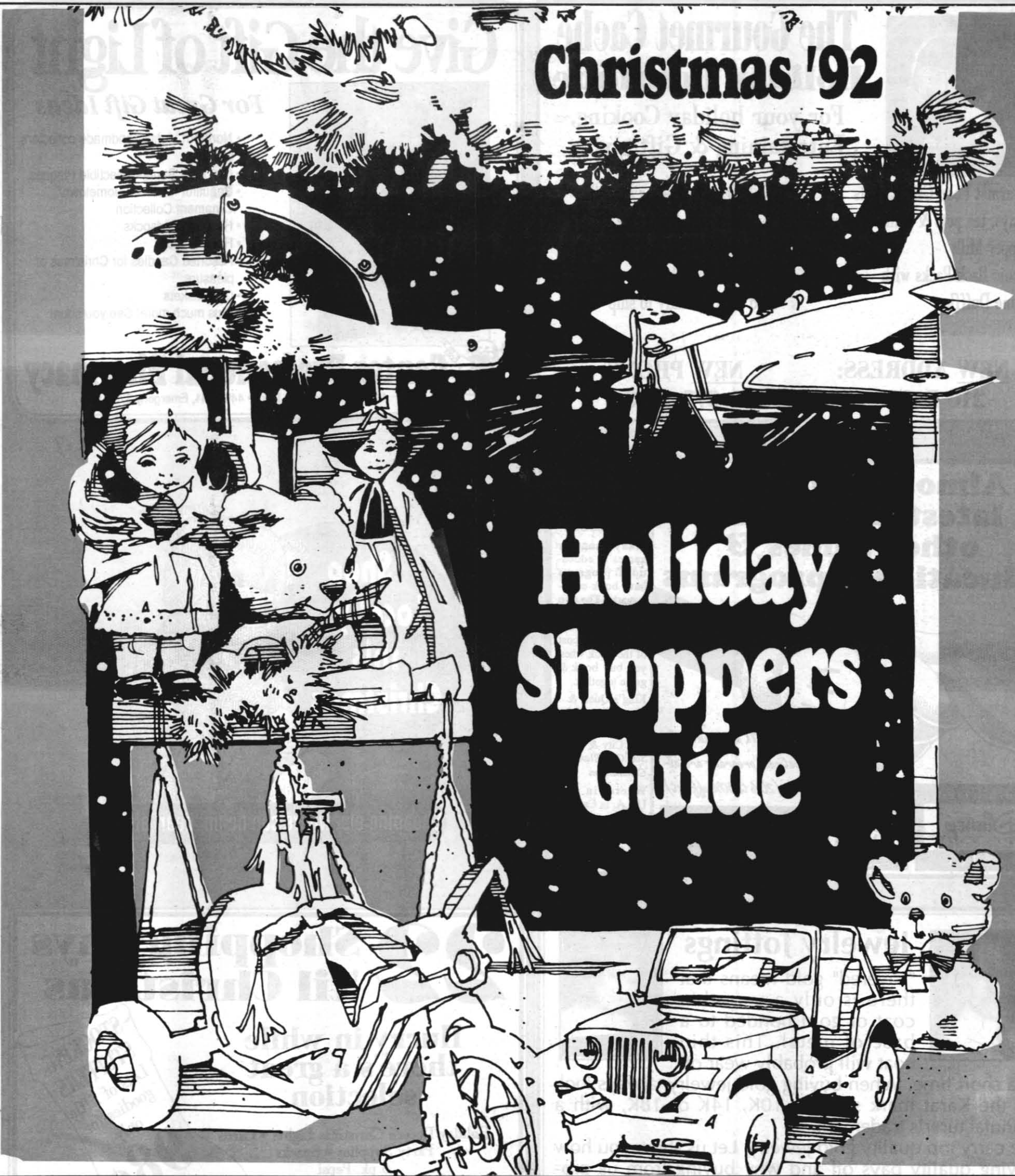
375-1003
114 Balsam St. • Ridgecrest



*Season's
Greetings*

 **NWC Community Federal Credit Union**

CORPORATE 701 S. China Lake Blvd. (619) 371-7000	CHINA LAKE 1115 King Ave. (619) 371-7130	RIDGECREST 1323 N. Norma St. (619) 371-7080	BORON 27055 20 Mule Team Rd. (619) 762-5850
MOJAVE 16901-1/2 Hwy. 14 (805) 824-2494	LAKE ISABELLA 7138 Lake Isabella Blvd. (619) 379-4671	KERNVILLE 44 Big Blue Rd. (619) 376-2251	



Christmas '92

**Holiday
Shoppers
Guide**

**The Final Week for Holiday Gift
Ideas and Season's Greetings.**



The Gourmet Cache Holiday Boutique

For your holiday Cooking,
Entertaining & Gift giving

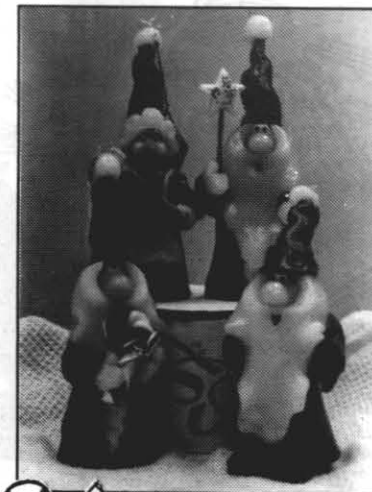
- Gourmet Food Gift Baskets
- Trays, tea pots & China tea cups
- Pepper Mills
- Picnic Back Packs with Wine Duffle
- Wok Sets & Cooking utensils
- Jamaican Jerk Seasoning, Cardamom & Saffron
- "Sendable Edibles" - gourmet food packs - ready to ship

NEW ADDRESS:
210 Balsam

NEW PHONE:
375-4243

Give the Gift of Light

For Great Gift Ideas



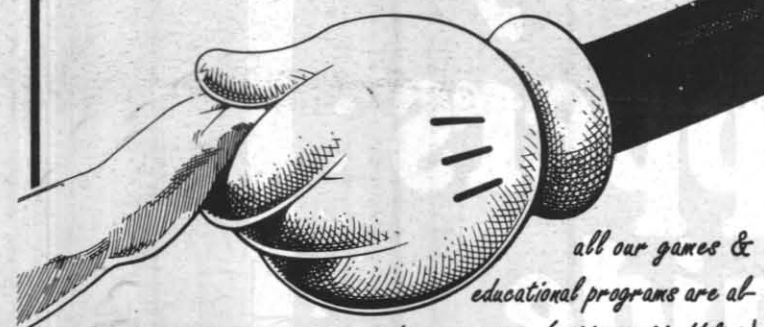
- Northern Lights handmade collectors candles
- Old Time Santa Collectible Plaques
- Beautiful "Outdoor Hometown" Ornament Collection
- Holiday Windsocks
- Holiday Trolls
- Assorted Candies for Christmas or pleasure
- Gift Baskets
- Plus much more! See you soon!



Center Professional Pharmacy

1109 N. China Lake Blvd. • 446-4141, Emergency 375-4685

**Almost 200 of the
latest Disney and
other games &
educational programs**



Authorized
Disney
SOFTWARE
Dealer

Computing Technology
Computer Store
251 Balsam Street 375-5744

**15% Off
Books in
Game/Book
Combos**

Many popular games & educational programs have book counterparts. The two make a great gift combination. Get 15% off the cost of the book when you buy book & game together.

King's Quest & King's Quest Companion

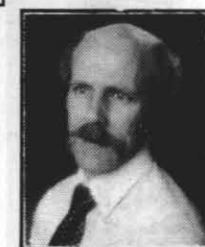
Sim City & Sim City Planning Commission

Where in the U.S.A. is Carmen San Diego & book with same title and many, many more.

Shop
Locally
this
Christmas



Shopping elsewhere can be un"bear"able



Jewelry Jottings

"Layered" gold means that there is only a very thin coat of gold bonded to a base of metal. This thin coat will probably wear off

in a short time. When buying gold jewelry, always look for the Karat mark such as 10K, 14K or 18K, with a manufacturer's trademark.

We carry top quality gold jewelry. Let us show you how buying quality pays off and why buying from us provides the ultimate value. We have the largest selection at the lowest prices.

MR. T's Fine Jewelry
Sierra Lanes Plaza

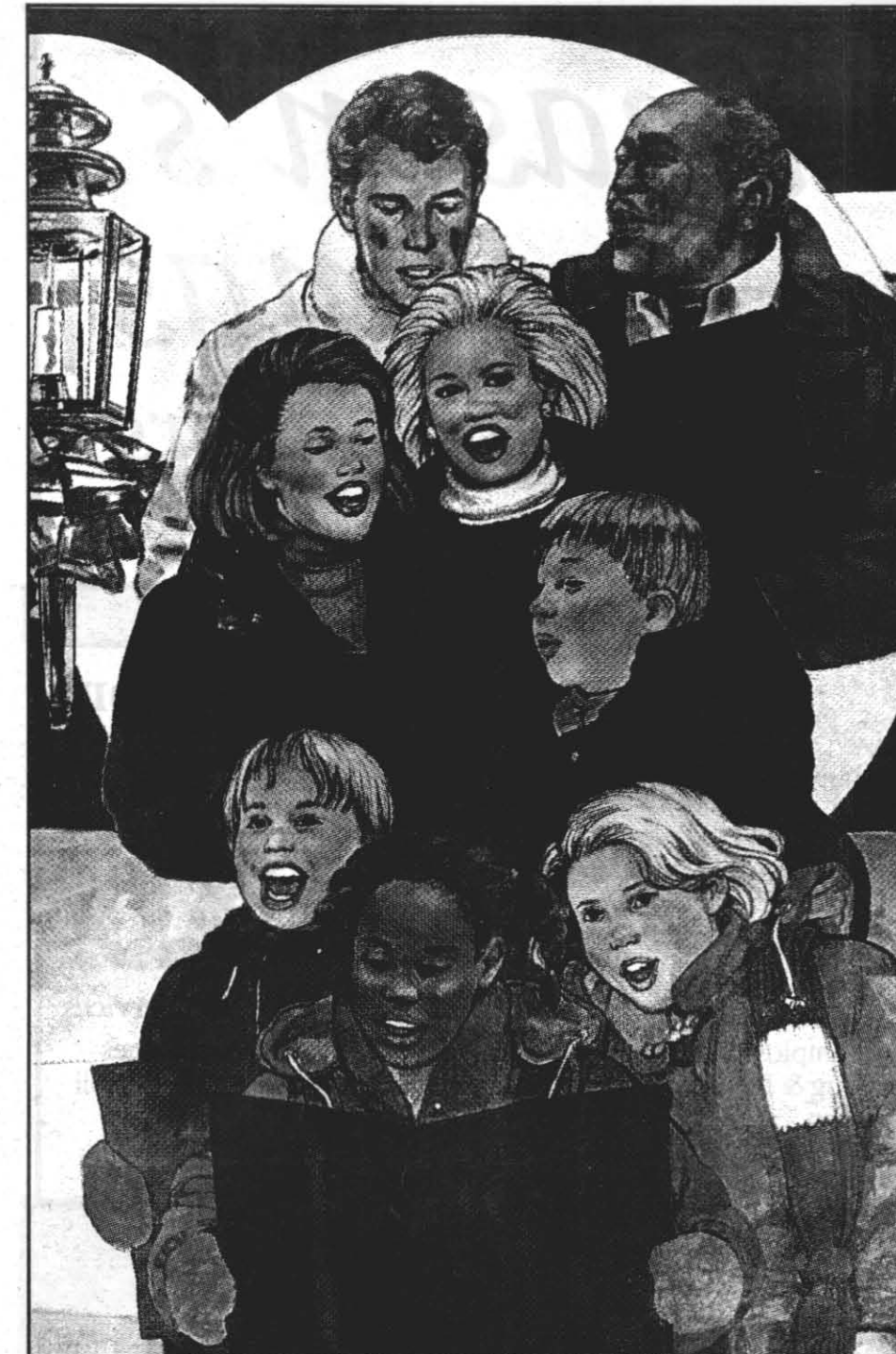
**22 Shopping Days
'til Christmas**

Hurry in while
there's a great
selection

Holiday Decor • Christmas Lights • Cards
Party Supplies • Snacks
6 pk. Pepsi
\$1.49
only



9te8'STORE
Between Thrifty and JCPenney!



The logs are on the fire, the now is on the ground and our very best holiday wishes are on the way to our many friends and neighbors.

We really appreciate having the opportunity to serve you in any way we can and look forward to your continued patronage.

Merry Christmas and many thanks for brightening our year.

Boeing

1550 N. Norma • 499-5900



Let us extend our sincere thanks at this holiday season for your valued business and our best wishes for the new year!

Patricia A. Dill
Bookkeeping & Tax Service
733 N. China Lake Blvd.
371-4314

Merry Christmas!

**TIDINGS OF COMFORT & JOY
ARE HEADED
YOUR WAY**



Here's hoping your holiday delivers an abundance of cheer. Thanks for helping to make this a most special year.

From those of us at:
Comarco Inc.

1201 N. China Lake Blvd. • 446-7671

CHRISTMAS SHOWCASE OPEN HOUSE GUIDE




Brand new listing!
653 REGENCY COURT
3 BD, 2 BA, 2 car garage, 1788 sq. ft., 1.5 yr. new. Beautiful Spotless, like new! Approx. \$7,000 in upgrades. Custom plant shelves, cathedral ceilings. To many extras to mention!!! Must See!!

OPEN HOUSE
Sat. & Sun. 1-4

Sierra Gold Realty

371-4653



316 Ashton
\$78,900

Great starter home. 3 bedroom, 2 bath. 1205 sq. ft. of living space, open floor plan, features mini blinds, 2 car garage, covered patio, landscaped front yard, fenced rear yard with room for R.V. Call Joette Chantler Listing Agent
BEST REALTY 371-9851



**May your home
be filled with
Christmas Cheer
this holiday
season.**

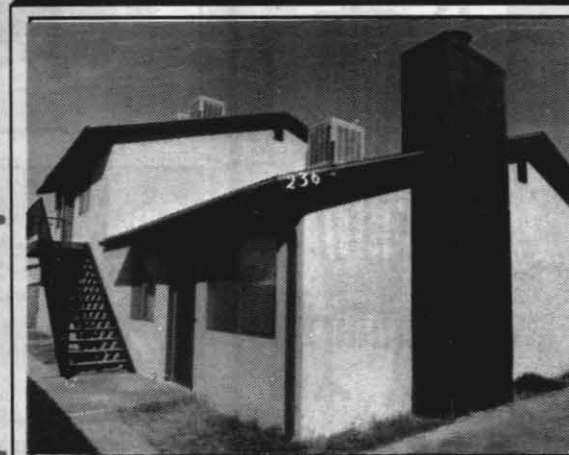


**ALL YOUR HOME LOAN NEEDS
FHA - VA - CONVENTIONAL
CONSTRUCTION - PERMANENT**



Sheila Miller

Norwest Mortgage, Inc.
350 E. Ridgecrest Blvd.
Suite 105
Ridgecrest, CA 93555
Office 619-384-2636
Fax 619-384-2639
Digital Pager 619-375-0947



EXCELLENT CONDITION

Take Your Choice!
236 W. HALOID Apts. B or C
2 bedroom, 1 bath, fireplace, coin-op laundry
\$350 per month + security deposit



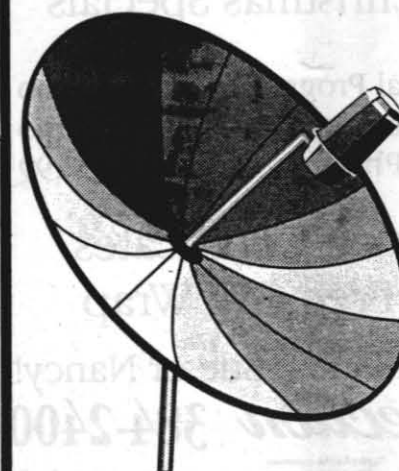
371-4606



The perfect Christmas Dish

Did you know once you own your own satellite you can...

Receive 70-80 Channels FREE!



Subscribe to 24 additional
premium stations
for only **\$16.58**
Month

HBO/Cinemax or Showtime/Movie Channel
Only \$12.50 month additional

**Mojave Satellite
Systems**

1009 N. Strecker St., Ridgecrest, CA 93555
377-5966

For Chess Enthusiasts



Oak &
Black Walnut
Chess Board
Soapstone Pieces
store safely in felt
lined case

only **\$99.95**



Just Imagine!

827 N. China Lake Blvd.

371-3031

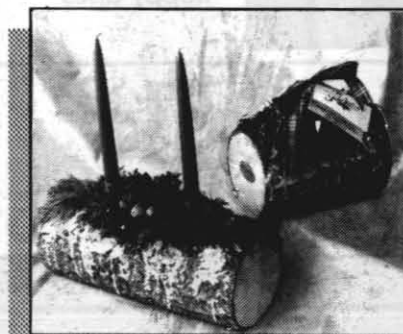
Clota 1993 Season Tickets

"Love Letters" -- January
"Bell, Book and Candle" -- April/May
"Fantastics" -- July
"Nunsense" -- October/November

Available at:
The Book-Let
Ridgecrest Cleaners
Richer's Music
The Village Bookshelf

Buy a book of four (4)
coupons for \$25.00 and
redeem for four (4)
General Admission
Tickets (a \$32.00 value)
Each coupon is good for

MORE Christmas Gift Choices



YULE LOVE IT!

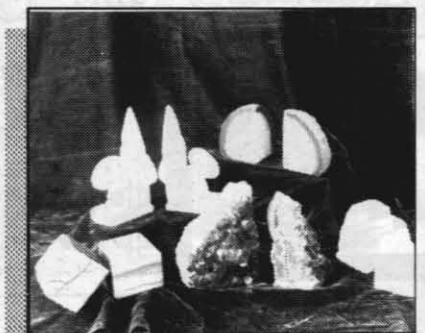
Yule logs make a great festive
gift or the perfect addition to
your own holiday decor.

starting at... **\$21.95**

NATURAL GEM STONE BOOKENDS

Choose from beautiful natural
sandstone, agate, Geodes
halved in many sizes and
many other gemstones like
amethyst & rose quartz.

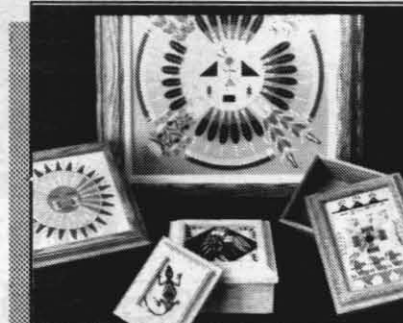
starting at **\$19.95**



SAND PAINTINGS

Detailed and colorful! Each
painting carries a special
meaning. Colors are derived
from colored rock, roots,
flowers, sand, bark and cactus
in this unique art form.

starting at **\$5.95**



WRAP IT UP!

Now that you bought them
great gifts, wrap them up in
style. Come see our variety of
designs.

starting at **50¢**



ONLY 8 DAYS LEFT TO SHOP TIL CHRISTMAS
so hurry on down to "the uncommon gift store"

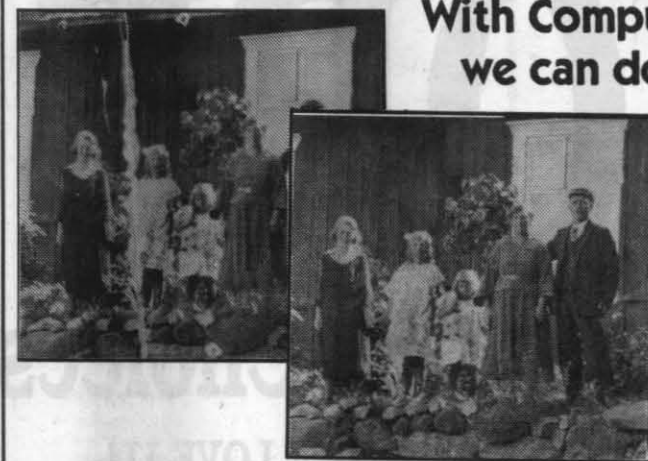
EAGLE MOUNTAIN

"The Uncommon Gift Store"

133 W. Ridgecrest Blvd. **EXTENDED HOLIDAY HOURS:**
Monday- Friday 10-8 p.m. Sunday 10-5 p.m.

Computers Touch The Past

With Computer Imaging,
we can do anything!



- Remove unwanted background
- Place people in - or out - of group shots
- Restore family heirloom photos, scratches, tears, blemishes
- slides from IBM floppy discs

Photo Quik

880 N. CHINA LAKE BLVD.
(next to Kragen Auto) **375-5515**

Santa's got your number

And you've got no phone????



Then check out our
Christmas Specials

Rental Program\$4.95 mo
Lease-purchase\$9.95mo
Bag Phone\$199

Gift Certificates
Free Gift Wrap

Call Linda, Sue or Nancy!

Cellular Connection

384-2400

authorized agent of

Bakersfield Cellular

TELEPHONE COMPANY
A BELL SYSTEM COMPANY

Radius Multi-Frequency Display



- 21" Ultra-High Resolution Display
1152 x 870, Quadra Compatible
- 19" w/8 bit Card

\$2495 **\$2495**

- Precision Color 24X Interface 24 bit Acc.
- \$1995**

- 8XJ 8 bit/256 Colors/Accelerated
- \$599**

Fedcom Computer Center

446-5665

1400 N. Norma Suite 131

YULETIDE WISHES

May your season be special.



Christmas List Too LONG?



- Mugs
- Balloons

- Cookies
- Pocorn

- Candies
- Stuffed Critters



COOKIE EXPRESS

Local Delivery &
Shipping Available
384-4209
230 Station St.

Save **10%**
on your gifts for
those hard to
shop for people
on your list!

**ONLY
8
DAYS
'TIL
CHRISTMAS**

**PRIME TIME
Bargain**

sale
6.88
Multiple Program
Timer
(461-2156)

Coast to Coast

824 W. Ridgcrest Blvd.
375-5035

TIME-ALL PROGRAMMER

INTERMATIC

While Supplies Last

SANTA'S SPECIAL

50-60% off

14KT Gold • Australian Opals • Diamonds
Wedding Sets • Precious Gems • Silver
Rings • Earrings • Pendants

\$500 SHOPPING SPREE
Enter to win our FREE drawing for a \$500⁰⁰
shopping spree. Drawing Dec. 24th at 12 noon

FREE

- Santa Claus Watch (with any purchase while supplies last)
- Refreshments (Sat & Sun)
- Instant Credit (O.A.C.)
- LAY-A-WAY PLAN
- Gift Wrapping

Jewelry to Go

HOURS: Open every day til Christmas 10-6
115 E. California Ave. • 371-1308

The Gifts That Keep On Giving.

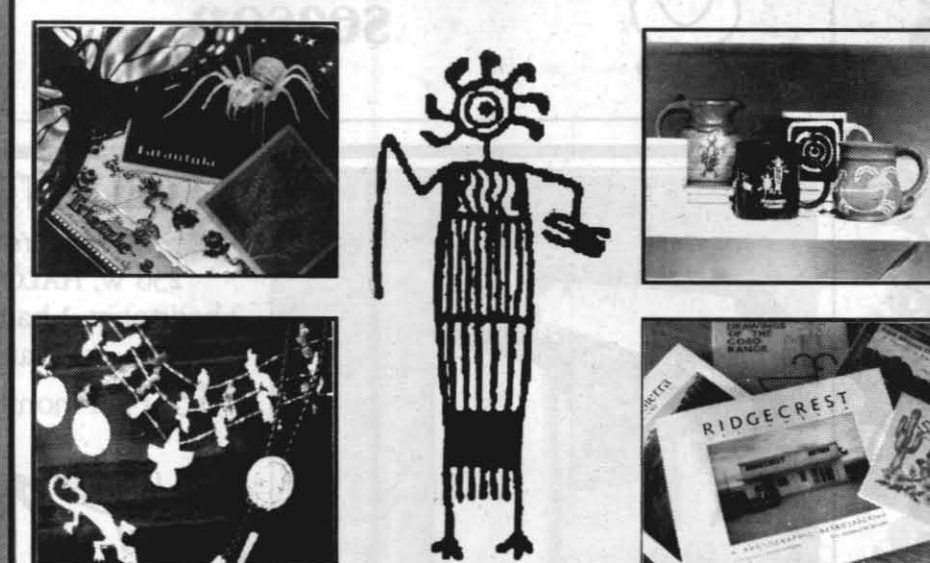


Quality Art!

Studio Eight has art created by nationally known artists.
Stop in and select your gift for Christmas today.

Studio Eight GALLERY

FINE ART and CUSTOM FRAMING
995 N. Norma • 446-7977



MATURANGO MUSEUM

The Museum Store
Hours: 10-5 Tues.-Sun. • 375-6900