

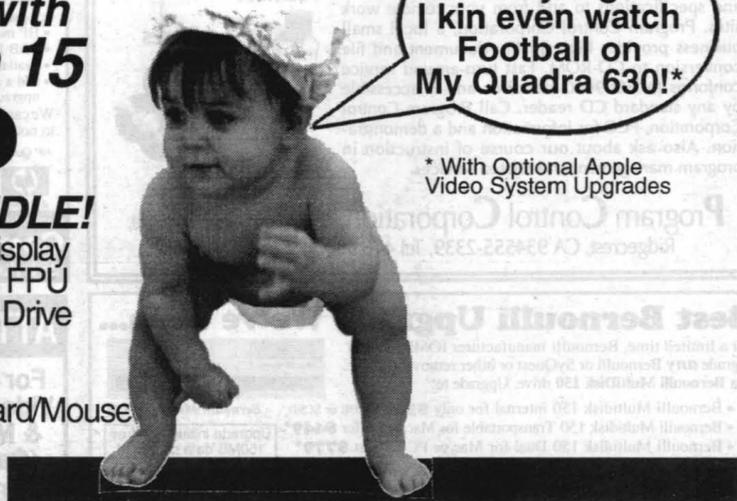
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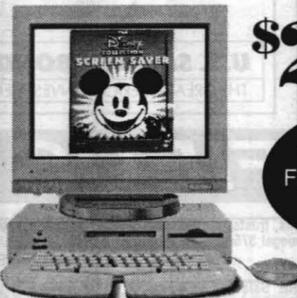
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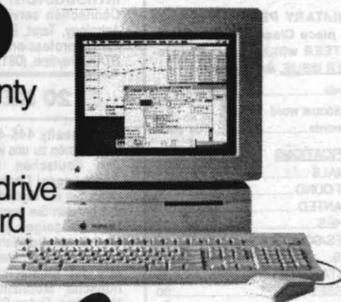
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THE ROCKETEER

THURSDAY, AUGUST 11, 1994 NAVAL AIR WEAPONS STATION, CHINA LAKE Vol. 50, No. 16

NAWCWPNS donates more than \$330K in equipment to school district

Thanks to the Naval Air Warfare Center Weapons Division's Property Management Branch, students and staff in the Sierra Sands School District have a lot of new equipment for the start of the 1994-95 school year.

Debra Schlick, branch head, said the Navy, through the Partnership in Education Adopt-A-School Program, turned over more than \$330,000 worth of surplus equipment on Aug. 2. This was the first time the China Lake site of NAWCWPNS had used a new process to provide surplus items to the local schools. With the system now in place, school officials will make regular visits to China Lake to select surplus goods they can use to assist the educational efforts in the area.

At the Aug. 2 turnover, Sierra Sands officials signed for 246 items with a total value of \$331,500. School employees needed eight trips with a pickup truck to haul away the items from 13 pallets in the China Lake warehouse.

Please see **DONATION**, Page 11



BONEYARD—Cleanup of various equipment and material storage yards has begun at China Lake. The long-intended effort began after a plan was devised to generate funds for successive cleanups by selling usable items and scrap metals from initial cleanups. Some areas of the Charlie Range boneyard (above) had degenerated into little more than a dumping ground before the effort began, but the 10 acres are nearly cleared now and should be completely returned to Mother Nature by the end of the month. Please see the story and more photos in the center spread, pages 14 and 15.

Balloonist goes for altitude record in CL airspace

By Barry McDonald
 Editor

What does a 77,500 cu. ft. hot air balloon look like more than six and a half miles in the air? Indian Wells Valley residents will get the opportunity to answer that question for themselves next week when Jetta Schantz goes for the women's hot air balloon altitude record. The current record, set in 1979, is 31,300 feet. Schantz' goal is 35,000 feet, and she'll go higher, if possible.

Schantz will be piloting an Aerostar International Raven AX-7 balloon with an envelope of multi-colored stripes and a black skirt. When she breaks the record in the Level 7 balloon (levels are based on the volume of the balloon's envelope), she'll also be breaking the records of levels 8 through 15, and thus will hold the record in nine categories. In January, she broke the women's distance record in those same nine categories, flying 292 miles in seven hours. The previous record of 227 miles was set in a larger balloon. And she plans to go for the

women's flight duration records (levels 7-15) sometime in the future.

Schantz and her husband, Rob, both full-time balloonists, operate Skysigns Unlimited in Jacksonville, Fla., a balloon event consulting firm. They have organized more than 100 balloon races and other events.

When Capt. Roger K. Hull, NAWCWPNS Vice Commander, active balloonist and former leader of the Navy Balloon Team, heard that Jetta would be attempting the record, he invited her to use the protected R-2508 Airspace over

China Lake and the surrounding area.

The Schantzes and their support team will be arriving next Tuesday, do some test flights Wednesday and will make the record attempt sometime between Thursday and Saturday.

"I love it that I will have the opportunity to work with the Navy on this attempt," Jetta said. "I just love the Navy, but then being from Jacksonville with our three bases here, anyone would have to love the Navy." She also looks forward to working with the Navy because she

Please see **BALLOONIST**, Page 5

RAdm. David White visits China Lake

Navy chief of chaplains praises efforts of religious program volunteers

3

From the Top: CAO progress

NAVAIR commander writes about changes as mapping, team building proceed

10

SouthPac Tourney sees upset wins

Conlon and Irwin come from behind to win entries in All Navy match

20

In The Insider:

- Movin' On Up Center opens
- Gymnasium plans grand reopening

25



Weather

July 27-August 2				
	High	Low	Gusts	Humidity
Wed	115	71	16	23-12%
Thurs	115	71	14	26-11%
Fri	113	74	16	—
Sat	—	—	—	—
Sun	110	72	17	—
Mon	109	71	19	20-11%
Tues	109	67	21	22-11%
August 3-9				
Wed	110	84	17	34-12%
Thurs	110	67	15	36-11%
Fri	115	63	18	30-11%
Sat	116	76	22	—
Sun	115	76	26	—
Mon	108	83	20	21-11%
Tues	106	79	21	33-17%

China Lake Calendar

- Monday, Aug. 15**
•Adult, Child and Infant CPR class. Call 939-2315 for more information
- Wednesday, Aug. 17**
•MVWR-sponsored trip to Lake Isabella, 9 a.m.
- Wednesday, Aug. 31**
•Hail and Farewell, 6 p.m. Barefoot Bar
- Thursday, Sept. 15**
•MVWR-sponsored trip to the Pinnacles, 9 a.m.
- Saturday, Sept. 17**
•China Lake Triathlon 1994, 8 a.m., NAWS China Lake Gymnasium
- Thursday, Sept. 29**
•End of lump sum retirement pay
- Friday-Sunday, Sept. 30-Oct. 2**
•VX-4 Squadron Reunion, NAWS Point Mugu
POC is Lt. Joseph G. D'Acquisto, DSN 351-8931

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAAdm. Dana B. McKinney
VICE COMMANDER
 Capt. Roger K. Hull
DEPUTY COMMANDER FOR RESEARCH AND DEVELOPMENT
 Sterling Haaland
DEPUTY COMMANDER FOR TEST AND EVALUATION
 Gerald Wroat
NAVAL AIR WEAPONS STATION CHINA LAKE COMMANDING OFFICER
 Capt. Charles A. Stevenson

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 CATHY PARTUSCH
Managing Editor
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The Vice Commander's Desktop



The Vice Commander's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be mailed to "CO's Desktop," C/O Code C08033, NAWS, China Lake.

QUESTION

My question is, how does a person get hired for a permanent federal position that they did not interview for? Say you have a job opening for a clerical position and the person has reinstatement rights, and another person in the same office also has reinstatement rights, but the person that got the job was noted for pressuring personnel constantly until they got hired. Is this another example of how our government hires without discrimination?

ANSWER

Managers and supervisors have the authority to fill any vacant position through a variety of recruitment sources. There is no requirement for a manager or a supervisor to interview applicants prior to selecting an individual for a permanent federal position.

People have an infinite number of styles and strategies they may use in pursuit of job opportunities. When someone exerts pressure and tries to influence decisions, he or she may get the job in spite of, or because of, their behavior. That strategy could work against them if they press too hard—like a salesperson who exerts too much pressure and the customer walks away.

Unlawful discrimination, on the other hand, occurs when persons who are otherwise equally qualified—e.g., all eligible for reinstatement and qualified for the position—are denied opportunities due to their race, gender, religion, color, national origin, age (over 40), disability or reprisal for prior involvement in a discrimination case.

If you believe you were not selected for any position based on one of these categories, you should consult with a personnel management advisor (PMA) or an Equal Employment Opportunity counselor located in Code C623 (China Lake) or P623 (Point Mugu).

Beyond the above areas, employees and other job applicants are free to market themselves to selecting officials in any way they think will be effective. The "system" does not dictate how this should be done.

Program Analyst Ann Ruff passes away in Lancaster

Ann Ruff, a program analyst in the AV-8B Avionics and Weapons Integration Branch of the Aircraft Weapons Integration Department (Fighter/Attack), passed away Wednesday, Aug 3, at Antelope Valley Hospital Medical Center in Lancaster. She was 58.

Ruff was born in Van Wert County, Ohio, on June 8, 1936. After graduating high school at St. Mary's, Ohio, she moved to El Paso, Texas, where she met and married her husband, Don (Budd). She began working in the payroll office at the then Naval Weapons Center in 1975.

She graduated from California State College, Bakersfield, with a bachelor's degree in business administration in December of 1980, after taking 72 credits in one year by attending two institutions simultaneously. In 1987 she became one of the first women to earn a technical manager's certificate.

Ruff is survived by her husband; daughters and sons-in-laws, Elaine and Eugene Ruff-Wagner of San Jose, and Jeanette and Michael Pacier of Japan; parents, Elmer Cloyd and Alice Myrtle Burnett of St. Mary's, Ohio; sister and brother-in-law, Lynda and Lee Sudman of Ohio; brothers and sisters-in-laws, David and Donna Burnett of Ohio, Time and Sandy Burnett of Virginia, and Jack and Liz Burnett of Sacramento; grandchildren, Robyn Ruff-Wagner, and Gage and Holly Pacier.

Pages From The Past

Aug. 10 & 17, 1984

Volunteers from China Lake lend helping hand to flood-plagued Onyx, Weldon and area residents. . . Paul and Baczkiewicz, head of the Recreation Services Department's Sports Division, and his wife, Pat, attended a portion of the 1984 Olympic Games held in Los Angeles. . . Australian Air Force detachment visits desert area for testing of Harpoon anti-ship missile. . . Leroy Stayton receives Technical Director Award for his efforts on behalf of the Navy Strategic Systems Program Office. . . AGC Arnold takes over the Oceanography Command Detachment.

Aug. 9 & 16, 1974

RAAdm. R. G. Freeman III, NWC commander, accepts the 1974 SecNav Environmental Protection Award for Naval R&D Laboratories on behalf of China Lake. . . George Perige, a maintenance machinist in the Metal Trades Branch, was the recipient of five Beneficial Suggestion awards. . . ETN2 Donald L. Barker is selected NWC's Bluejacket of the Month. . . Alice A. Pastorius, a librarian in the Reference and Circulation Branch of the Technical Library, is selected as NWC's Federal Women's Program coordinator.

Aug. 7 & 14, 1964

Captain John I. Hardy assumes command of NOTS, replacing Captain Leon Grabowsky. . . Karin Marie Hancock sets record as the Station Hospital's smallest premature baby to survive, with a birth weight of two pounds, ten ounces. . . A six-man team of China Lake Mountain Rescue Group climbers, led by George Barnes, scale Clyde Peak. . . China Lake's ace archer John E. Loper wins one of archery's most highly coveted awards—the Silver Arrow.

Aug. 13 & 20, 1954

The F7U Cutlass joins the complement of combat aircraft at Armitage Field. . . William F. Vogan, an electronics mechanic in the Aviation Ordnance Department, accidentally ran his car into the wing of a partly disassembled F2 Fury airplane, causing considerable damage to both vehicles. . . Two new organizations, the Rocket Development Department and the Propellants and Explosives Department, are created as result of splitting the Rocket Department.

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- Each additional word after 20 words.....10c 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 11:00 A.M. THE MONDAY BEFORE PUBLICATION

OR DROP IT BY **THE DAILY INDEPENDENT** 224 East Ridgcrest Blvd.

1 PERSONALS

BILLS KILLING YOU? Bankruptcy can help! Charles Quinlan, Paralegal 375-1757. (0811)

TIRED OF BAR SCENES? Meet someone compatible! Star Connection 371-STAR. (0811)

INTRODUCTORY OFFER Any Star Connection service \$20! Numerology, Astrology, Tarot, Runes, Palms. Licensed, caring professional, also classes. 371-STAR. Daytime. (0811)

20 RENTALS

Allen Realty 446-4810. Ein herzliches Willkommen zu uns in Ridgecrest bieten wir den deutschen Piloten und ihren Angehörigen! Denken Sie doch an uns, wenn Sie auf deutsch verhandeln möchten! Wir beraten Sie gern im Immobilieneinkauf, und wir zeigen Ihnen die schönsten Miethäuser und Wohnungen in guter Lage zu den besten Preisen; und für den Besuch aus der Heimat stehen Ihnen sogar hübsche Moteltzimmer mit Bad zur Verfügung. Rufen Sie doch mal an: Erika Allen, Realtor, 446-4810 (0811)

LEASE OPTION now available: outstanding, immaculate 3 bedroom home, great neighborhood, 2 baths, fireplace, many extras. \$595. - 446-4810. (0811)

\$350 & \$375 NICE 2BR. Super kitchen, large yd., gar. Erika Allen, Realtor 446-4810. (0811)

\$495. NEAR LAS FLORES. Cute 3BR, gar., fenced, sprinklers. Allen Realty 446-4810. (0811)

\$595 & \$675 ALL SPROCED UPT 3BR, fam. rm., kitchen, 2BA, many extras, finished gar. Great area! Erika Allen Realtor. 446-4810. (0811)

NON-SMOKER Special place/special person. Studio, comfortable furnished, home away from home. Ideal/research/study. Near Walmart, 375-9027. (0811)

25 REAL ESTATE

R-RANCH IN THE SEQUOIAS. Four season recreational resort. 1/2500 undivided interest. Cabins, horses, lake, pool & more! \$19K. 446-6380. (0922)

OPEN HOUSE SATURDAY from 1-4 p.m. 1200 Beasley in College Heights. Only \$87,950. for outstanding 3BR home, bay window in breakfast room, tile roof, hosted by Erika Allen Realtor, 446-4810. (0811)

\$87,950. College Heights. Fantastic 3BR, 2BA. Tile roof. Allen Realty 446-4810. (0811)

\$86,900 IMMACULATE 1800 sq. ft. + lg. parquet entry, leads to spacious sep. liv. rm., great kitchen opens to fam. rm., 3 spacious BR, 2BA, manicured yard. Erika Allen, Realtor. 446-4810. (0811)

\$68,950 HORSE PROPERTY! Super sown fenced 2 acres. Low down. Erika Allen, Realtor. 446-4810 (0811)

\$73,500/OBO. 3BR, 2BA, lg. den, fresh paint, new cpt. Erika Allen, Realtor 446-4810. (0811)

30 BUSINESSES

FAMILY LAW. University graduate that specializes in Family Law issues: Divorces, child support, adoptions and grandparent's rights. Paralegal Connection 116-B S. China Lake Blvd. (619) 384-4344. Evening appointments are now available. (1016)

PROTECT YOUR FAMILY Wills, trusts, estates, Charles Quinlan, Paralegal 375-1757. (0811)

FRESH, NEW TUPPERWARE Sales, catalogs & parties! \$8 Thank You Gift for hosting a demonstration. Mailing list available. Please call Monica at 446-2025. Leave message. (0908)

HAULING Yard work, home repairs. No job too small, no minimum. Senior citizen discount. GUARANTEED best price in town. Ref. avail. Randy, 384-2837. (0811)

NAVY MARINE CORPS Relief Society - NEEDS DONATED - A paper shredder, in good working condition. Please call 939-2921. (0811)

AVIATION NAUTICAL & MILITARY ART Limited Edition Art Prints. Original Oils by Brian Pipkin. Gallery Open Fridays & Saturdays. 133 W. Ridgcrest Blvd. (0825)

BANKRUPTCY Polite Services now offers assistance for Chapter 7 Bankruptcy. Call Linda at (619) 384-4344 or stop in at 116 S. China Lake Blvd. Suite "B", Ridgecrest, CA 9:30 a.m.-4 p.m. (Evening appointments available upon request.) (0811)

WILLS AND LIVING TRUSTS. Polite Services offers assistance for Wills and Living Trusts. For discrete, personal service, call Linda at (619) 384-4344 or stop in at 116 S. China Lake Blvd. Suite "B", Ridgecrest, CA 8:30 a.m.-4:00 p.m. (Evening appointments available upon request.) (0811)

35 AUTOMOTIVE

1975 PORCHE Model 914, 2tr, 5spd, target top, new tires & battery. \$3500. 375-3024 after 5 p.m. (0811)

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1983 HONDA SHADOW V1500. High book \$1400, low book \$940. Make offer, 384-4773. (0811)

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FREE NEUTERED DOG "Bear" 1 yr., black lab, shots & dog training. 446-2025. (t)

FREE SPAYED DOG "Hannah" 2 yrs. old, Shepherd mix, good w/kids & baby. 446-2025. (t)

AKC ROTTWEILER PUPS and AKC Mastiff pups due September 25. Now taking deposits. Also mini pot bellied piglets. Info. 377-4419. (0811)

50 GARAGE SALES

GARAGE SALE Friday Aug. 12, 8 a.m.-noon. Boys clothes, toys, stove, air conditioner, tool cabinet, lawn mower, Christmas tree and more. 2020 Shangri-la Cir. No early birds. (0811)

GARAGE SALE. Solid wood dining table, \$150, matching chairs new upholstered in Royal Blue \$45/ea. Red toddler bed, like new, \$30, size infant to 18 mos. clothing, women's sweaters, tops, dresses, & suits size 8-10, men's sweaters, miniblinds, ivory & misc. items. Sat. 8-13, 8 a.m.-noon. 414 Hayward (on base) 446-0449. (0811)

CLASSIFIEDS GET RESULTS

MWR directory

Auto Hobby Center Tuesday-Friday Open Flex Friday Saturday & Sunday Closed Mondays	11 a.m. to 8 p.m. 9 a.m. to 6 p.m.	939-2346
John Pirooska, Manager		
Bowling Center Snack Bar	11 a.m. to 8 p.m. 939-8865	939-3471
Monday-Friday Saturday, Sunday & Holiday	1 p.m. to 9 p.m.	
John Pirooska, Manager		
Child Development Centers Monday-Friday Closed Flex Friday	6:30 a.m. to 5:30 p.m.	939-6681
Debra Oliver, Manager		
Crafttech & Information, Ticket & Tour Monday-Thursday Friday Saturday Sunday	10 a.m. to 7 p.m. 10 a.m. to 3 p.m. 10 a.m. to 3 p.m. Closed	939-3252
Pat Pirooska, Manager		
Family Child Care (FCC)		939-6681
Janet Prentley, Coordinator		
Golf Course Daily Snack Bar	6 a.m. to dusk 939-2563	939-2990
Monday Tuesday-Thursday Friday-Saturday Sunday	6 a.m. to 9:30 p.m. 6 a.m. to 6 p.m. 6 a.m. to 7 p.m. 6 a.m. to 6 p.m.	
Tom Page, Manager		
Gymnasium Monday-Friday Flex Friday Saturday Sunday & Holidays	5:30 a.m. to 9:30 p.m. Open 8 a.m. to 9:30 p.m. 11 a.m. to 6 p.m.	939-2334
Center issue hours vary, depending on the type of equipment being checked out. Karen Rivers, Gym Manager		
Library Monday-Thursday Friday & Saturday Sunday	11 a.m. to 8 p.m. Closed 10 a.m. to 6 p.m.	939-2595
Elizabeth Shatteler, Librarian		
Main Office Monday-Friday Closed Flex Friday	7 a.m. to 5 p.m.	939-2010
Pools China Lake Community Pool Solar Park Pool	Hours are seasonal. Call the gym for specific hours.	927-3721 939-3980
Wendy Burge, Coordinator		
SACTO Leisure Travel Monday-Thursday Flex Friday Non-flex Friday	8:30 a.m. to 5 p.m. 8:30 a.m. to 5 p.m. 10 a.m. to 2 p.m.	446-7751
Sherry Clark, Manager		
Seafarer Club Office Monday-Friday Flex Friday CPO Lounge Monday-Thursday Friday Flex Friday Pizzeria Sports Bar-Freddy's Place Sunday-Wednesday Thursday-Friday	8 a.m. to 4 p.m. Closed 3:30 to 9 p.m. 3:30 p.m. to 9 p.m. Closed 3 p.m. to 10 p.m. 1 p.m. to 11 p.m.	939-8658
Pizzeria/Sandwich Delivery Hours (with a minimum order of \$10) Lunch Evening Barefoot Bar Wednesday & Friday Thursday, Flex Friday Week		
	11 a.m. to 1 p.m. 5 p.m. to 9 p.m. 4:30 to 11:30 p.m. 4:30 to 11:30 p.m.	939-3166
Phil Madrid, Manager		
Stables		939-3471
John Pirooska, Manager		
Moving Up Center Monday-Friday Flex Friday	6:15 a.m. to 5:45 p.m. Closed	939-2909
Leta Drake, Acting Manager		
Teen Center Monday-Thursday Friday Saturday Sunday	10 a.m. to 9 p.m. 10 a.m. to 11 p.m. 10 a.m. to 4 p.m. Closed	927-TEEN
James Morrison, Point of Contact		
Pete Romanak, Deputy Director		

Triathlon set Sept. 17

There's only about a month left to get into shape for the China Lake Triathlon 1994, which is scheduled for 8 a.m. Sept. 17.

The race consists of two courses—a long course consisting of an 800-meter swim, a 40-kilometer bike ride and a 10-kilometer run; and a short course consisting of a 200-meter swim, a 13.2-kilometer bike ride and a 5-kilometer run.

To register, call 939-2571.

Enjoy brunch at the Seafarer Club every Sunday

Every Sunday the Seafarer Club will be offering a Sunday brunch from 9:30 a.m. to 1:30 p.m. Made-to-order omelettes; scrambled eggs; bacon; sausage; roast beef and ham, carved-to-

order; desserts; salads; fresh fruits; juices; coffee; and tea are just a few of the items being offered (this is subject to change).

Cost is \$7.95 per adult and 25 cents

per year of age for children six to 12 years old. There is no charge for children under six years of age.

Reservations are recommended, and may be made by calling 939-8658.

Visit the pinnacles, Death Valley and petroglyphs

Visitors and residents of the Indian Wells Valley may be interested in registering for one of the upcoming trips being sponsored by the Naval Air Weapons Station China Lake Morale, Welfare and Recreation Department.

Historical Pinnacles—Sept. 15. The van will depart from the MWR office parking lot (in Bennington Plaza) at 9 a.m. Cost for this trip, which is limited to 25 people, is \$5 per person. Lunch, camera and good walking attire are recommended. Children must be at least

five years of age to participate.

Death Valley—Oct. 6. The van will depart from the MWR office parking lot at 8 a.m. Cost for this trip, which is limited to 45 people, is \$8 per person. Lunch, camera and good walking attire are recommended.

Petroglyph Tour—Oct. 15. The van will depart from the MWR office parking lot at 7 a.m. Cost is \$1 per person. The first 20 registrants may ride in the MWR van; however, some people may wish to use their own vehicles and join

the caravan. Lunch, camera and good walking attire are recommended. Children under eight years of age are not allowed to participate in this event.

These trips are open to military and Department of Defense personnel, and their dependents, and DoD contractors, with priority being given to China Lake's German visitors.

Reservations and payments are being taken at the Crafttech Center, located across from the Navy Exchange Gas Station.

Discount two-day passes to Disneyland available

Some people feel that one day isn't enough to explore an entire Magic Kingdom. Therefore, the Crafttech Center onboard the Naval Air Weapons Station China Lake is offering two-day passes at a special discounted price.

For only \$33.50, military and DoD personnel can enjoy Disneyland's Sum-

mer Nights spectacular—including the Main Street Electrical parade and the "Fantasy in the Sky" fireworks. Don't forget to witness FANTASMIC!, the ultimate battle between good and evil, where mystical water and laser storms emerge from the darkness in a thunderous symphony with dazzling special

effects and a giant fire-breathing dragon.

These specially-priced two-day tickets normally sell for \$55. Crafttech also has one-day passes for \$20.50, a saving of \$10.50. These discount tickets are not available at Disneyland; they must be purchased from an MWR ticket office. These special values end Feb. 28.

Explore the new Sea World for only \$21.05 per adult

Have you been to Sea World lately? If not, you might notice a number of changes, including Sea World of California's Summer Nights celebration.

Included in the celebration is "Just for Kids" programs, dining surprises, a new laser and fireworks extravaganza and an all-new, high-energy ice show—"Sizzlin' City Ice."

Visitors will also be able to enjoy a totally new experience—"Mission: Bermuda Triangle," the park's newest attraction. This new ride combines Sea World's expertise in the ocean with a motion-based theater to bring guests on an unforgettable voyage one mile beneath the ocean's surface. Explore the mysteries of the Bermuda Triangle

aboard a deep-submersible vehicle.

To make the visit even more special, and cost saving, Sea World is offering discount tickets to military and DoD personnel through the Crafttech Center at the Naval Air Weapons Station China Lake. Discount tickets are \$21.05 for adults and \$15.45 for children 3 to 11. Regular prices are \$27.95 and \$19.95.



Photo by Margie Hammelt

SUMMERTIME FUN—Cheryl Garot and Bryan Presas, attendants at the Naval Air Weapons Station China Lake gymnasium, show off one of the boats for rent by the Morale, Welfare and Recreation Department. Fees for boats and trailers range from \$11.50 a day, to \$39.50 a week. These items can be rented by military personnel, Department of Defense personnel and DoD contractors. Call 939-2334 for more information.

Navy chief of chaplains

RAdm. David White stops by China Lake

By Peggy Shoaf
Staff Writer

Volunteers are the key to the success of religious programs, noted RAdm. David E. White, Navy chief of chaplains, during a recent visit to China Lake. And, during a special reception in his honor, held the evening of July 26, the admiral got to visit many of the volunteers and participants in China Lake's religious programs and to express his appreciation for their support and participation.

This was White's first visit to China Lake and the first time a chief of chaplains has visited China Lake in 20 years. The last visit was made by RAdm. F.L. Garrett in July 1974.

The purpose of the visit was principally to get out and see not only the chaplains, but also, to the degree that he could, to meet with and have an opportunity to express his appreciation to all those individuals who work and support the command religious programs. "It is probably better if we can arrange to make these visits over the weekend," he said, "but I can only be in one place during the weekend and last weekend I was probably in four different church services in the San Diego area."

Noting that he spends so many days every quarter on the road visiting commands, White said that China Lake was only one of his stops. By the end of the tour he will also have stopped at San Diego, Tustin, El Toro and Yuma.

"It gives me an opportunity to experience the environment of each command and to see the unique characteristics of those commands that our people experience," White said. "It also gives us (in Washington, D.C.) a perspective when

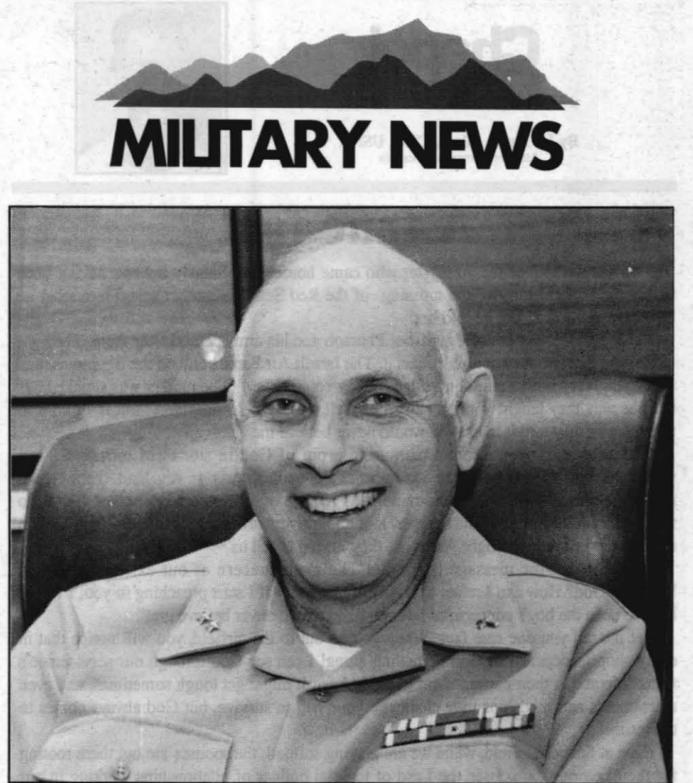
we get reports back from commands to better appreciate what they are trying to communicate in terms of their programs."

White said he felt China Lake's programs stacked up well in comparison to other command religious programs. Maybe even better. "I think what happens when you have a command that is somewhat remote that the chapel community probably plays a more active role in meeting needs as in relation to the community," he explained, giving the examples of the ice cream social the Protestant Women of the All Faith Chapel recently held and the food programs supported by many of the faiths at China Lake. "These are all good activities that support community development. Commands really need that type of community when located in a remote-type of area."

The chief of chaplains doesn't feel that the drawdown will affect China Lake's religious programs too much, though he did admit that the Navy and Marine Corps is in an environment of rapid and radical change.

The recent loss of the religious program specialists at China Lake isn't really due to the downsizing process, White explained, but rather, to a shortage of those specialists. This shortage is being seen to, in part, by increasing the number of accessions through recruitment, training and the "A" School. "The shortage is felt more in the afloat commands right now," White said, "but some of the shore establishments are also feeling it."

White admitted that at some point China Lake did, in fact, lose its billets for the specialists, but that problem is already being addressed by an initiative to try to restore them. "By and large," the chaplain said, "the religious program



RAdm. David E. White, Navy chief of chaplains

specialists are critical to command programs. . . They enable the chaplains to be able to focus primarily on their professional areas of responsibilities."

White is about ready to close the book on his own professional areas of responsibilities in the Navy. After being on active duty for 28 years, he will relinquish his place as Navy chief of chaplains to RAdm. Donald Muchow, currently the deputy chief of chaplains, during a change of office ceremony on August 19. He will officially retire from the Navy Oct. 1.

During his years in the service, White has seen many changes, not only in the Navy and Marine Corps, but also in the

religious programs at different commands. The biggest change, he noted, was the "element of diversity and the change as it relates to pluralism, the different faith traditions and an expansion in the terms of people representing or coming from so many various faith traditions."

"Today, in the Navy for an example," he said, "we have clergy from 90 different faith traditions in the Chaplain Corps. In the early 50s we may have had 15 different major faith traditions that provided clergy. There is more of a sense of inclusiveness so that command religious programs are more inclusive in the sense of meeting the needs of all the people today."

Veterans urged to seek help for gulf-war illnesses

By Evelyn D. Harris
American Forces Information Service

"Come in and let us help you." That's the message from top DoD officials to veterans who feel they have a Persian Gulf war-related sickness.

To make reporting easier for veterans, DoD set up a toll-free number. To quell fears of career reprisals, Edwin Dorn, undersecretary of defense for personnel and readiness, put a hold on involuntary separations of those who feel they have a gulf-related illness. Dorn said such members must request separation or retirement in writing or be medically retired or separated through the disabili-

ty system with an established diagnosis.

A blue ribbon panel led by Nobel laureate Dr. Joshua Lederberg found no persuasive evidence that the Iraqis used chemical or biological weapons in the gulf, DoD officials announced in a June 23 press conference.

Still, to quiet skeptics who believe the department is hiding information, Deputy Defense Secretary John Deutch ordered an unprecedented declassification of documents related to Desert Storm illnesses.

Before that, Defense Secretary William J. Perry and Army Gen. John Shalikashvili, chairman of the Joint Chiefs of Staff, released a joint letter urging veterans to come forward and

speaking freely: "There are many hazards of war, ranging from intense combat to environmental exposures. Anyone who has health problems resulting from those hazards is entitled to health care. If you are experiencing problems, please come in for a medical examination."

To get into the system, people in the United States can call 1-800-796-9699. People overseas should report to their nearest military treatment facility. People will be treated and entered on a registry to help officials track illnesses. Both DoD and the Department of Veterans Affairs are cooperating on a registry of people with gulf-related symptoms. DoD already has about 300 people on its active duty Persian Gulf registry.

Joseph said he wants medical facilities to examine as many people as possible — everyone who is sick. "We've tried to make this inclusive. We don't want to put up barriers. This is not a research project, this is a treatment program. But at the same time, seeing many individuals will give us signposts for the whole group."

Individuals eligible for the program include active duty members, retirees, ready reservists, full-time National Guardsmen and family members who are eligible for military health care. Depending on their medical status and eligibility, reservists will receive care from military or VA facilities.

Chapel Call

By Lt. David Allice, CHC, USNR
Assistant Command Chaplain



A true fact

The story is told of the youngster who came home from Sunday School, having been taught the biblical story of the crossing of the Red Sea. His mother asked him what he had learned in class, and he told her:

"The Israelites got out of Egypt, but Pharaoh and his army chased after them. They got to the Red Sea and they couldn't cross it. The Israeli Air Force bombed the Egyptians, and the Israeli Navy built a pontoon bridge so they could cross." The mother was shocked. "Is that the way they taught you the story?" "Well, no," the boy admitted, "but if I told it to you the way they told it to us, you would never believe me."

Centuries ago, people found reassuring proof of God in stories of miracles. They would tell how God divided the sea to let the Israelites cross on dry land. They would recount stories about God sending rain in answer to a righteous person's prayer, (Boy! do we need some rain or is it a just prayer?), or about rivers reversing their course and the sun moving backward in its flight. What are they trying to tell us?

I believe that the message is simple! The main concern of our existential life is: Where is God? How can I relate to this God? Probably if I start preaching to you, I would have to echo the boy's concern, as he said: "You would never believe me!"

Let me tell you one true fact. When you go out to the airfield, you will notice that in every shop or department God is moving along! I can see God through our servicemen's friendship and in their commitment to be the best. It might get tough sometimes, and even resentments and hardships may challenge your will to survive, but God always comes to the rescue!

Even at Schoeffel Field, when we are playing softball, the spouses are out there rooting for their favorite team. I see the Lord of joy and builder of relationships working in our hearts in order to build a community of people who care. It doesn't matter who you are or what you do out there—there is a God who loves you! Believe me, that's a true fact!

Two members of commander's staff recognized for achievements

At a special ceremony held in the NAWCWPNS commander's office July 20, RAdm. Dana B. McKinney presented medals to two officers on his staff.

Lt. Alan D. Beal, flag lieutenant, received the Air Medal for meritorious achievement as an A-6 Intruder pilot attached to Attack Squadron 52 aboard USS Kitty Hawk, engaged in combat operations against the enemy in Southwest Asia from Dec. 18, 1992, to March 18, 1993.



Lt. Alan D. Beal

"In the successful completion of direct combat support missions against the enemy in an active combat area, Lt. Beal contributed materially to the success of the United States effort in Southwest Asia," then CNO Adm. F.B.

Kelso wrote in the citation accompanying the award. "By his courage, skills and loyal devotion to duty in the face of hazardous flying conditions, Lt. Beal reflected great credit upon himself and upheld the highest traditions of the United States Naval Service."

The Numeral "1," representing one Strike/Flight Award was also authorized with the medal.



Lt. Kelvin M. Stroble

Lt. Kelvin M. Stroble, staff JAG, received the Navy Achievement Medal for service as the Claims Division officer and as trial counsel at the U.S. Naval Legal Service Office, Europe and Southwest Asia from May 1992 to December 1993 and as the assistant staff judge advocate

to the commander, Fleet Air Mediterranean from December 1993 to May 1994.

"As Claims Division officer, Lt. Stroble's efforts in improving the processing of personal claims helped establish the NLSO as the customer-service leader in Naples and contributed to a meritorious finding for the Claims Division during a command inspection in September 1992," wrote RAdm. H.E. Grant, commander of the Naval Legal Service Command. "As a trial counsel, he traveled throughout Europe and Southwest Asia to provide court-martial services to deployed units, including ships off Somalia...His professionalism and integrity as a trial counsel greatly enhanced the reputation of the military justice system in Europe and the Middle East. While serving as the assistant staff judge advocate to COMFAIRMED, he provided a flag officer with sound advice on a wide array of legal issues."



A FLAG BOX, representing his 24-year Navy career, was presented to LCDr. Donald S. Blake (left) by Capt. Roger Hull, NAWCWPNS vice commander, at a small ceremony July 14. A mustang, Blake began his career as a radarman, was accepted into the Naval Enlisted Scientific and Engineering Program, attended Auburn University and Naval Postgraduate School and attained the rank of lieutenant commander before his retirement. He served aboard six different ships, and his decorations include the Navy Commendation Medal, two awards of the Navy Achievement Medal and various other medals and ribbons. He served NAWCWPNS as the surface-to-air weapons officer.

MWR THE INSIDER

Moving On Up Program Center officially opens

Old enlisted galley is transformed into a facility to serve more than 140 school-age children in the program

With kids all around him, Capt. Charles Stevenson, Naval Air Weapons Station China Lake commanding officer, snipped the ribbon to officially open the new Moving On Up Program Center.

The old enlisted galley was transformed into a facility to house the more than 140 school-age children participating in the program.

Inside, bright colors, wall hangings and play mats have replaced long tables and chairs used by hungry Sailors. There are games to play, places to sit and read and plans for more improvements in the future.

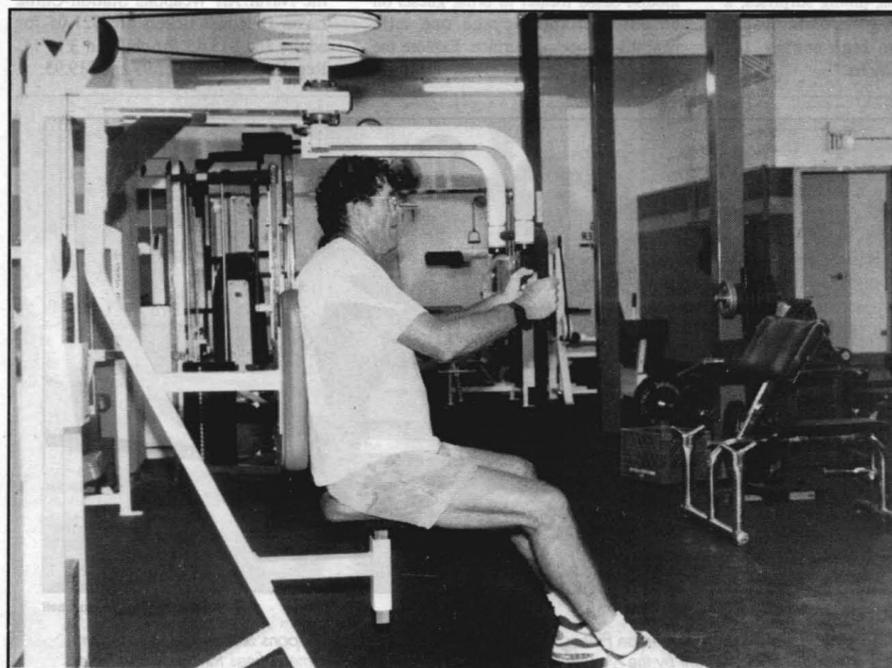
Captain Stevenson said this was another positive step toward improved quality of life for China Lake employees. He noted there are plans to do more work on the old galley so it would accommodate up to 200 kids. Also on the drawing board are a skating area, a fenced ball field and more play equipment.

Parents interested in the Moving On Up Program can call 939-2909 for additional information.



Photo by Margie Hammett

WITH A SNIP of the scissors, Bill Gilmartin, Moving On Up Program head teacher; Capt. Charles A. Stevenson, NAWS China Lake CO; and Letta Drake, program director; officially open the new Moving On Up Program Center.



SWEAT—Bill Duncan and others are already making use of new workout equipment at NAWS Gymnasium.

Grand reopening of NAWS gym is planned for Sept. 7

In celebration of the Naval Air Weapons Station China Lake Gymnasium's grand reopening, all gym activities will be free on Sept. 7. A ribbon cutting ceremony at 11 a.m. will mark the end of the gym's rehab and the arrival of the new equipment for the weight room. While the rehab of the gymnasium has been over for some time, the grand reopening was delayed until the arrival of the new weight equipment, noted Karen Rivers, gymnasium manager.

To help introduce the new machines, representatives from Cybex, Body Master and Icarin will be on hand from 11 a.m. to 1 p.m. on Sept. 7 to demonstrate the new weight machines, and a variety of health snacks will be given out.

In addition, door prizes will also be given out, including a one-month gymnasium membership card, a one-month aerobics class membership, free tests for body fat composition and t-shirts.

To add to the festivities, a number of games will be played, including basketball and racquetball.

Rivers invites all China Lakers to come out and to see what's new at the NAWS China Lake gymnasium.

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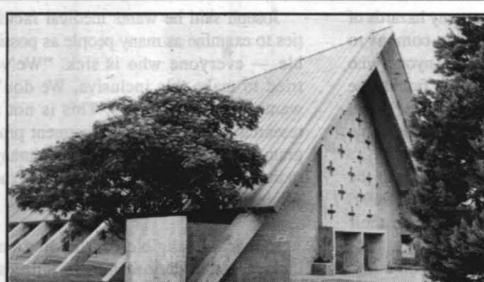
Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
(September thru May)
Bible Study (East Wing), Wednesday 9:00 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 11:30 a.m.
6:30 a.m.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

Jewish (446-3613 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dibb 9:30 a.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 10:15 a.m.
(September thru May)
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher
Adult Education Classes, Thursdays (September - May) 7:00 - 8:00 p.m.
St. Ann's School Library 8:15 - 9:45 p.m.
RCIA, St. Ann's School Library
Islamic
Jumaa Prayer, Friday (1002 Blandly) 1:00 p.m.



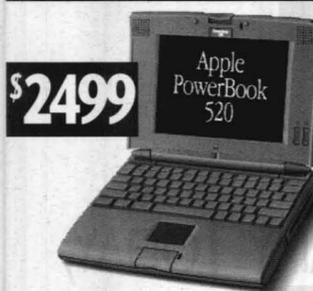
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Chaplain Jay Hoyman, Lt., CHC, USNR
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BALLOONIST from Page 1

credits the Navy with the revival of hot air ballooning. That bit of trivia will be told in *The Rocketeer* article that covers the attempt in the next issue.

According to Rob Schantz this will not be an attempt. "Jetta is going to fly to 35,000 feet; there's no question," he said. "I'm not driving all the way to California for an attempt."



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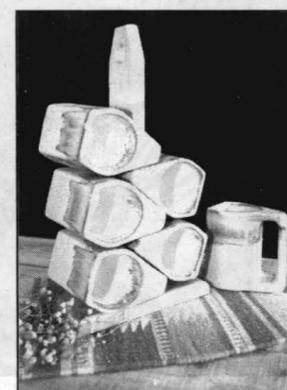
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42 years of service: Donald T. Mooney remembers his career as a China Lake policeman

By Peggy Shoaf
Staff Writer

Murder, poaching, rustling and even espionage are just a few of the crimes Donald T. Mooney has investigated during his 42 years in the federal government work force. Those years were honored when Mooney received his 40-year government service pin from Capt. Charles A. Stevenson, commanding officer, Naval Air Weapons Station China Lake, during a special ceremony at the CO's office on June 10.

A native of St. Petersburg, Fla., Mooney came to what was then known as the Naval Ordnance Test Station, China Lake, in 1953 as a young Marine. He brought his wife, Francis, and daughter to the barren desert to provide security to the fledgling military base, including the Salt Wells Pilot Plant, where work was going on to develop components of the world's first atomic bomb.

In May of 1955, Mooney left the Marine Corps and joined the China Lake Police Division as a GS-4, making less than \$2 an hour. "Of course prices were a lot lower then," he said with a chuckle. "The rent on the pre-fabs (which used to



MORE THAN 40 years of service were recognized June 10 when Capt. Charles A. Stevenson, NAWS CO, pinned the 40-year federal service pin on Don Mooney.

Photo by Margie Hammett

be located where the Seabee Park is on Richmond Road) was \$31 a month, all utilities paid."

Looking back over the years, Mooney

said there are a lot of good memories, especially when he and his co-workers became real police officers, not just security police. Another fond memory

was the salute given to him by then-President John F. Kennedy.

Mooney explained he was one of the men on guard duty at the Sandquist and Lauritsen gate when the president came through. "We saluted the president and he returned our salute," the veteran said with a far away look in his eyes. "That was really one of the proudest moments of my life."

Even Mooney's wife had fond memories of that day. "We (the children and she) were standing on the hill to watch the plane come in. When the plane banked we could see him looking out the window. He must have thought we were the only people out there waiting for him," she said with a chuckle.

Unfortunately, there are also a number of incidents that happened throughout the years that Mooney would rather forget—the close calls, suicides, drug problems and so forth.

There have been plenty of changes throughout the years, Mooney said. The base grew, the town got bigger and the computer age hit with a vengeance.

"In the early days police work was very relaxed and not as technical as it is now," he said. Reports were written by hand and data was typed and then filed.

Please see **MOONEY**, next page

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COMMUNITY EVENTS

On Aug. 15, the Kern County Health Department, 250 W. Ridgecrest Blvd. will hold an Immunization clinic from 9:30 to 11 a.m. and from 1 to 2 p.m. The clinic will provide an opportunity for children and adults to receive low-cost immunizations. A parent or legal guardian must accompany persons under 18 years of age to sign consent forms. Records of previous immunizations should be presented at the Health Department clinics. The charge for each immunization required for school entry (polio, whooping cough, diphtheria, tetanus, measles, mumps, and rubella) and for Hib and Hepatitis B vaccine is currently \$3, with a maximum charge of \$15 per family per visit. Credit cards, insurance forms, and large bills will not be accepted. For more information, please call 375-5157.

Low-cost pregnancy screening services will be offered at the Kern County Health Department, 250 W. Ridgecrest Blvd. Aug. 16, from 8 to 10 a.m. Services include pregnancy testing, counsel-

ing, health education and referral information on prenatal and family planning services. Women who think they may be pregnant should see their physician or attend the clinic. There is a \$5 charge for each pregnancy test. Medi-Cal will also be accepted. For more information please call 375-5157.

A family planning clinic is scheduled for Ridgecrest from 9 a.m. to 3 p.m., Aug. 23 at the Kern County Health Department Office, 250 W. Ridgecrest Blvd. The purpose of contraceptive service is to enable each client under medical supervision to determine the number, timing and spacing of desired children. New patients or patients returning after three years, are required to attend the informational family planning class, prior to being given an appointment. A sliding scale fee, based on income and family size, and Medi-Cal are accepted as payment. Depo-Provera injections are also available. For appointments, call 375-5157.

Registration for the Fall 1994 semester has begun at Cerro Coso Community College. On campus registration began yesterday, Aug. 10, and runs through tomorrow, Aug. 12. Instruction begins Monday, Aug. 15. Some drafting and electronics courses include "Engineering Drafting I," "Advanced Computer Aided Design and Drafting," "Electronics Manufacturing Processes" and "Digital Circuits II." Students may register for classes through the Coyote Connection at 371-9601. Continuing students must first complete an update form at the Admissions and Records Office. New students must first complete an application for admission. Course fees must be paid by the due date, or all classes will be dropped. For further information contact the college at 375-5001.

Each week parents can listen to a three- to five-minute tape offering parenting advice on the Community Connection for Child Care phone line, 375-0446. Currently playing is "What is Normal Development," a tape that looks at normal development and common terms describing development. The tape "Language Development" will play August 15-21 and discusses how children learn to speak and how to encourage language. From August 22-28, the tape "Preschoolers and Sexuality" can be heard. This tape deals with what to say to preschoolers about sexuality.

During the month of August, a Social

Security representative will be available to meet with private individuals on Thursdays, Aug. 11 and 25, from 9:30 a.m. to 12:30 p.m. at Ridgecrest City Hall, 100 W. California Avenue. For more information contact the Social Security Office at 701 W. Avenue K, Suite 109, Lancaster, CA 93534. For general information about Social Security call toll free 1-800-772-1213, 7 a.m. to 7 p.m. any business day.

UCLA Extension has announced an array of engineering short courses for the fall, with "Wireless Voice and Data Communications" leading off the schedule, Oct. 18 to 21. Other three- to five-day courses will run through October and November. Some other course titles include "High-Information-Content Flat-Panel Display Technologies," "Photometry and Colorimetry in Electronic Imagery and Industry," and "Active Circuit Design for Wireless Systems: Principles and Applications." All courses have an individual fee and are taught in the UCLA Extension Building, 10995 LeConte Ave., Los Angeles, adjacent to the UCLA campus, from 8 a.m. to 5 p.m. For further information and a brochure detailing all fall quarter engineering short courses, call (310) 825-1047, fax (310) 206-2815, or write to UCLA Extension Short Courses, Suite 542, 10995 LeConte Ave., Los Angeles, CA 90024.

MOONEY from Page 6

"Now we put all our data into computers," Mooney said. "I think it's wonderful."

From 1974 to 1978, Mooney left civil service and went to work managing a motel in Washington State.

"We thought the grass was greener on the other side," Mooney's wife said in such a tone that it left no doubt that this wasn't necessarily true.

So, wanting to get back to the rest of his family and grandchildren, Mooney once again became a China Lake police officer.

But, the time is fast approaching when he will leave government service permanently and settle down into retirement—"In 256 hours, but who's counting," he said with smile. His retirement is scheduled for 1 p.m. on Wednesday, Sept. 2. After which he will be indulging in his idea of an ideal vacation—fishing in Idaho and deep sea fishing.

His wife doesn't plan on being left behind. "There's not many places where one goes without the other," she said.

Life-long friends and high school sweethearts, Mooney said they married right after he came home from Korea in 1951 and have had three children, Kathleen, Donald Jr. (who passed away after a freak accident at Mount Mesa) and Mike, who have provided them with two grandchildren.

Another SPEDI contract awarded



Photo by Margie Hammett

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retardant machine at the Station laundry is broken. The earliest possible services call is scheduled for Aug. 15.

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the machine repaired were being explored. For further information contact Vicki Smith at 939-4030 or Bart Parker at 939-4028 in Public Works.

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Trivia Question #12: Who makes the fastest DAT backup tape drive in the world?

See page 11.

International Journal of Impact Engineering features one of China Lake's longest term employees—Dr. Werner Goldsmith

By Barry McDonald
Editor

He likes the fact that he's the seventh longest term employee of the Navy field activity at China Lake, now known as the Naval Air Warfare Center Weapons Division. And Dr. Werner Goldsmith, who has been a part-time employee since 1951 and has seen all the name changes, says, tongue-in-cheek, he'll quit when he's number one.

Long recognized as a leading expert in wave propagation and impact, Goldsmith turned 70 in May and the current issue of the *International Journal of Impact Engineering* is a commemorative issue in honor of his birthday.

The issue contains an introduction and Goldsmith biography by Vernal H. Kenner, guest editor, who earned his doctorate under the direction of Goldsmith at the University of California at Berkeley in 1971; a listing of the 44 master's-degree and 32 doctoral-degree students supervised by Goldsmith; his bibliography of more than 200 publications, some of which were written with other China lakers; and testimonials by friends and colleagues.

A native of Düsseldorf, Germany, after completing elementary school

Goldsmith emigrated alone to the United States in his early teens. His mother later died in the concentration camp at Auschwitz.

He graduated from high school in Mount Vernon, N.Y., in 1941, then earned a bachelor's degree from the University of Texas in three years. He stayed in Austin for another year, tutoring applied mathematics and earning his master's in mechanical engineering. After taking time off from studies and lecturing in engineering at the University of Pennsylvania, he came to California and resumed his studies at Berkeley, earning his doctorate in mechanical engineering in two years. Though he officially retired from Berkeley seven years ago, he hasn't stopped working, and currently holds the title of "professor emeritus, recalled to active service."

His association with China Lake began



Dr. Werner Goldsmith

in 1951 and has continued ever since. He's worked on joint projects in the field of projectile impact on targets with a variety of Station researchers, including John Pearson, Steve Finnegan, Marvin Back-

man and others. Some of the resulting papers have become standards. Of particular note is "The Mechanics of Penetration of Projectives into Targets," co-authored with Backman. Goldsmith's 1960 book, "Impact," has yet to be superseded as the authoritative work on the topic.

Beyond his work at China Lake, he has served as a consultant to all three military services, and since the 1960s has also applied his science in the fields of rock mechanics and biomechanics.

According to Vernal Kenner's biography of Goldsmith, "He has often served as a

consultant in legal matters involving, most frequently, questions of impact or biomechanics. This involvement has occasionally led to participation in judicial trials receiving world-wide attention."

He visited China Lake the second week of July for another round of collaboration with Finnegan on a major research-review paper. He explained that 99 percent of the papers written on projectile impact have been on straight-on impacts. This paper is a review and compilation of results from their own and others' work on impacts on moving targets at various angles.

Goldsmith has been honored frequently in his near half-century career. He's been a Guggenheim Fellow, a Fulbright Fellow and is a Fellow of the American Society of Mechanical Engineers. Perhaps the most distinguished honor was his election to the U.S. National Academy of Engineering, whose members are expected to advise the president in their areas of expertise. Only two other China Lakers hold that honor—Dr. William B. McLean and Dr. Walter B. LaBerge.

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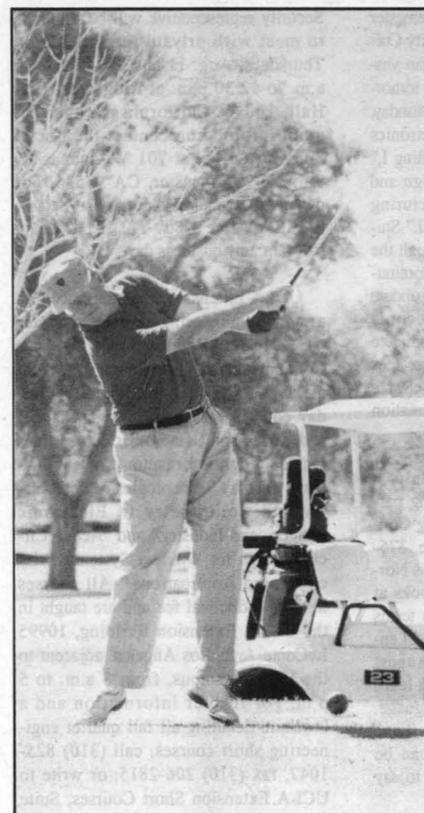
China Lake Anchors undefeated in all-night softball action, challenge all comers Aug. 27

Amidst a lot of comradery and good times, the China Lake Anchors emerged undefeated in the NAWA China Lake All Night Softball Tournament held July 23.

Six teams competed in the all-nighter, which started at 8 p.m. and lasted until 6:30 a.m. Another tournament is being planned for Saturday,

Aug. 27 on Schoeffel and Knox fields. Officials will be members of the opposing teams. The registration cost of \$15 per team must be paid at the gym by Aug. 24.

These games are for military personnel, active duty, retired, reservist and dependents, only. For more information, call 939-2571.



Senior Champion Jay Irwin



UNDEFEATED—Champions of the All-Night Softball Tournament are the China Lake Anchors—(back, l to r) Rob Cox, Mike Walker, Jess Wade, Hector Hanson, (front) Shawn Pearcy (manager), Bob Craft and Marvin Jones.

Bowling league registration is under way at Hall Memorial Lanes

Registration for winter bowling leagues is now under way at Hall Memorial Lanes.

Available leagues include Monday, Wednesday, Thursday and Sunday night mixed leagues, all of which start at 6 p.m.; a Midway Men's league that plays on Tuesday nights starting at 6 p.m.; an active duty military

league, also on Tuesday nights, at 8:45; a code team challenge league that plays on Wednesdays at 8:45 p.m.; a Women's WIBC on Saturdays at 1 p.m.; a Blue Chip bowling league Saturdays at 6 p.m.; and a youth league (YABC) Sundays at 1 p.m.

For more information, call 939-3471.

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SPORTS

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Conlon and Irwin win with last minute upsets

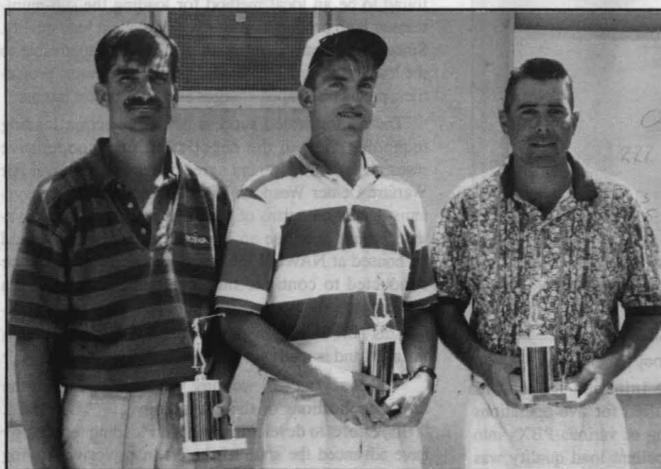


Photo by Margie Hammett

ALL NAVY CANDIDATES—The top three winners in the men's division of the Southern Pacific Naval Golf Championships held at China Lake were Trent Cercle (left) and Mike Taras (right), who tied for second place with scores of 297, and Chris Conlon, who shot a 295. These three have been invited to come back to China Lake to participate in the All Navy match.

In come-from-behind moves, Chris Conlon and Jay Irwin caused an upset to capture the men's and senior division championships, respectively, in the Southern Pacific Naval Golf Championships. The tournament was held at the China Lake Golf Course last week, culminating in the final rounds Friday, Aug. 5. Conlon is from Naval Amphibious Base San Diego, while Irwin is from Naval Station San Diego.

Starting the day in fourth place in the men's division, Conlon shot a 69, three under par, for the final 18 holes. During the front nine, he shot four birdies and one bogey, for a score of 33. He parred the back nine, shooting one birdie and one bogey. His final score was 295.

In the meantime, Irwin, who earned third place in the senior's division after the first day of play, steadily moved up the ladder. After the second day, Irwin trailed Ed McCoy by two strokes and Alan Luedke by one. Luedke and Irwin moved ahead of McCoy on Thursday, but Irwin still trailed Luedke by one stroke entering the final rounds.

Irwin tied Luedke during the first

nine-holes of play, but bogeys on holes 11 and 14 gave him a two-stroke lead over Luedke in the second nine-holes of play. The two tied again on 16, when Luedke shot par and Irwin went two over.

The 18th hole decided the match, with Luedke shot a two-over-par, while Irwin parred. Irwin's final score was 317.

Other top winners in the men's division were Mike Taras, from Marine Corps Air Station Yuma, who shot a 297; Trent Cercle, from Naval Air Station North Island, who shot a 297; and Tom Murphy, also from NAS North Island, who shot a 299.

Other top winners in the senior's division were Luedke, from NS San Diego, who finished with a 318; McCoy, from Naval Air Base Coronado, who shot a 330; and Gary Golonka from NS San Diego, who tallied a final score of 337.

This SouthPac tournament helps decide who gets to play in the All Navy Golf Championships for the Southern Pacific region. The All Navy match, which will also be played at China Lake, will be held in September.

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NAWC Commander RAdm. George Strohsahl retires

By Kristine L. Roquemore
Washington D.C.

Martial music, punctuated by the roar of cannons, filled the air on a beautiful sunny day at Admiral Leutze Park, Washington Navy Yard, as the two-starred blue flag of RAdm. George H. Strohsahl was raised and lowered for the last time. The Commander of the Naval Air Warfare Center (NAWC) retired on Friday, July 8, after 35 years of dedicated commissioned service to his country.

As the official party arrived to honor Strohsahl, the many guests, family and friends rose to welcome VAdm. Richard C. Macke, director, Joint Staff; VAdm. William C. Bowes, commander, Naval Air Systems Command (NAVAIR); RAdm. Edward Moore Jr., commandant, Naval District Washington; and RAdm. William E. Newman, assistant commander for systems and engineering, NAVAIR. Remarks filled with reminiscence, respect and gratitude were given to Strohsahl by both Macke and Bowes.

On behalf of the president of the United States, Macke presented Strohsahl with the Distinguished Service Medal. "RAdm. Strohsahl exhibited extraordinary, profound dedication, inspirational leadership, and perseverance in conceiving and executing the unification of 10 extremely diverse Navy technical laboratories and field activ-

ities with over 26,000 civilian and military personnel and an annual business base of \$4.5 billion dollars into one corporate NAVAIR entity," Macke read from the citation. "A truly superior leader, dynamic motivator and team builder and perceptive strategist, RAdm. Strohsahl was the lightning rod for momentous, positive changes to the Navy's

entire research, development, test and evaluation (RDT&E) defense infrastructure. His infectious enthusiasm, energy and determination enabled him to overcome tremendous challenges in every facet of firmly establishing the NAWC as the premier full-spectrum RDT&E organization in DoD."

Other personal awards held by Strohsahl include the Legion of Merit with two gold stars, Meritorious Service Medal, Strike-Flight Air Medal with numeral seven, Navy Commendation Medal with combat V and gold star, and the Navy Achievement Medal.

Following the retirement portion of the ceremony RAdm. Newman stepped up to the podium for his reading of orders, which named him as the new NAWC commander



RAdm. George H. Strohsahl

(he will continue in his NAVAIR position, as well). A good-natured Newman stated that he was getting pretty comfortable "following George around (Newman also took over as commander, Pacific Missile Test Center, Point Mugu, after Strohsahl left to become the NAWC commander) and being the one selected to step in and fill his big boots. I know they'll

feel quite loose for some time to come." He also reassured the crowd that contrary to popular belief he was indeed not the next Terminator III—which brought a chuckle from those in the audience.

The ceremony was filled with tradition, yet at the same time bore the unmistakable signature of George Strohsahl. It is fitting that a man known throughout his career for forging new paradigms should redefine the retirement ceremony as well—the proceedings ended with the crowd boisterously singing the words of the Naval Academy's "Navy Blue and Gold" followed by the Navy chant, "Beat Army!"

Prior to the ceremony, Strohsahl shared his thoughts about his career with the entire TEAM. "As I go over the side I can look back with pride and fond memories of

my service here and the great friends and associations I've had. The Sailors and Marines in the fleet are grateful recipients of the products made by your hard work and expertise.

"During my early flying days in the fleet, I often wondered about the organizations cited on the name plates of the equipment I was using—BuAIR, BuWEPS, NAVAIR. I trusted those products implicitly and knew in my heart they would get me through my missions safely. I remember thinking, 'there must be some pretty smart folks in Washington watching out for me.' Now, after 15 years of being part of this team, I still stand in awe of our tremendous capabilities. Naval Aviation is strong today because of your talent and dedication. I also now know what it takes to make it happen and its not just 'those smart folks in Washington'. There's a whole spectrum of people who create this greatness. The people in the field commands and industry are also part of the TEAM who created the aircraft and weapons that make Naval Aviation what it is today—the dominant air power of the world.

"To my fellow "NAWCers" and shipmates in NAVAIR, I thank you for your efforts and friendship. It has been my extreme good fortune to have served with you and for you. Best of luck in the future."

Rear Adm. Strohsahl and his wife, Marvalyn, will continue to reside in Annandale, Va.

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From the Top

CAO mapping, team building progresses

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



Some very tangible and significant changes are taking shape as we move closer to the October 1994 standup of the competency aligned organization (CAO) and the broad operation of integrated program teams (IPTs). We are translating concepts into practice by identifying and mapping our resources and establishing teams as a unified corporation.

I am encouraged by our progress and the spirit of collaboration that is setting the course for a successful transformation.

At the same time, I realize that as we progress, new questions are raised and issues surface that require thoughtful solutions. As I have said before, our transformation will not occur overnight, and that is by design. We will not make decisions without careful consideration and input from our people. We have set

an appropriate pace for change and are marching ahead to make it happen.

Amid these uncertainties, there is one constant that shall stand firm. We shall remain a Navy organization with a clear, accountable chain of command. Because we will implement some non-traditional changes to our organization, people must understand who is in charge and who they report to. Accountabilities and responsibilities, therefore, will be clearly defined.

It is quite evident that the CAO construction implies complementary and collaborative leadership throughout our organization. Still, there can be no question about where responsibilities and authorities lie. At each site, the "base keeper," or "shore station manager" (a commanding officer in most cases), will have specific responsibilities, as will the program and competency managers.

The intent is to cultivate a synergistic leadership team at each site, comprised of site, competency and program leadership. Each will be assigned separate and distinct, yet complementary, roles—and will work together to achieve a shared purpose and mutual goals. After all, we are all here for the same reason—to

deliver the best possible products and services to our customers.

Our ongoing Phase I transition efforts focus on the innovative elements of our transition—ideas that are new and dramatically different from what we have done in the past. We must have a firm grasp on these concepts if we are to implement change successfully.

At the same time, we realize that there are certain aspects of our organizational arrangements and leadership responsibilities that have served us well in the past, and it is not our intention to remove these elements—only to modify them so they complement our new concept of operations.

We do not have all the answers yet, but work is ongoing to define the interrelationships and assign responsibilities for three components of leadership which affect daily decisions at a site: commanding officers, competency leaders and program team leaders.

For example, the commanding officer (CO) will continue to be the visible leader at the site and will retain responsibilities for the general welfare of site personnel and upkeep of the site physical plant. The base CO (or shore station manager), depending on the size and technical missions of the site, will continue to be accountable for a variety of responsibilities, such as supply operations, environmental protection, occupational safety and health, handling of hazardous materials, airfield operations, disaster preparedness, law enforcement, military per-

sonnel support and administration and physical security. The base CO is required by law or other regulations to perform many of these responsibilities.

Competency leadership constitutes the second component of the site leadership team. Competency managers at the site will be responsible for a range of issues tied to the performance of competency personnel who are members of various teams. Some examples of competency leadership functions include allocation of personnel resources to program teams, direction of competency or other enterprise efforts, performance evaluations of competency members (with major input from the team he or she is assigned to), competency personnel training and development, competency resource planning and budgets, operation and support of a facility or facilities and equipment controlled by a competency and competency process improvement.

The third element of the site leadership team is program leadership. Program teams operate to deliver their products and services on cost, schedule and performance—and to do that, program managers must have broad authority over all resources applied to their programs. Program-related decisions affecting cost, schedule or performance will be made within the program team.

Defining roles and responsibilities bring to light the interdependent nature of these three leadership groups. Each

Please see FROM THE TOP, Page 13

Mahoney receives another kudo for efforts in advancing injection loading technology

Deputy Commander's Award for R&D follows Clarence J. Renne recognition

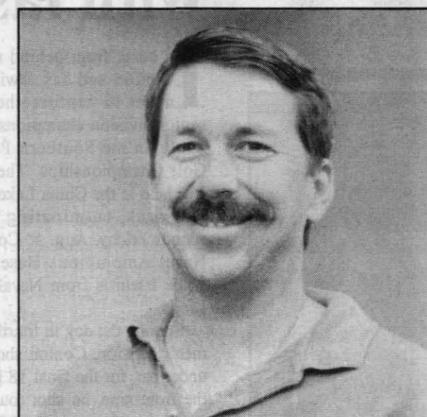
By Peggy Shoaf
Staff Writer

Knowing your work is appreciated and recognized can give an employee a good feeling. Tim Mahoney, head of the Propulsion Systems Division's Energetic Materials Processing Section, has no doubt that his work is appreciated and recognized.

In June, Mahoney received the Clarence J. Renne Award for his efforts in advancing injection loading technology (reported in the June 30th issue of *The Rocketeer*). On Tuesday, July 12, he received the Naval Air Warfare Center Weapons Division Deputy Commander's Award for Research and Development for those same efforts.

According to Dan. A. Goss, head of the Ordnance Systems Department, the need to expand the injection loading technology came about with the development of less sensitive plastic-bonded explosives, or PBXs, as replacements for the very sensitive melt-case explosive fills commonly used prior to 1984. Because PBXs don't flow, being of a heavy, gluey quality, the need for new loading technology became evident.

Mahoney has been in the forefront of the development of that technology, Goss said. Starting with just a



Tim Mahoney

concept in 1985, a lab-scale injection loader was designed, constructed and certified for live operations by 1987. "The injection loading of various PBXs into small munition items with excellent load quality was quickly demonstrated," Goss wrote in the letter nominating Mahoney for the award.

The technologies that were thus developed were then applied to the design of a pilot-scale injection loader installed at Naval Surface Warfare Center, Indian Head, Yorktown Detachment, in 1991.

"Mr. Mahoney was instrumental in the design, installation and de-bugging of this second-generation injection loader," Goss wrote. "Initially, injection loading was found to be an ideal method for loading the sub-munitions at high production rates with excellent load quality. Since then, it has been found to be equally applicable to the loading of small- to medium-sized warheads, projectiles, precision-shaped charges and even rocket motors."

The demonstrated success of this injection loading technology led to the negotiation of a cooperative research and development agreement between Naval Air Warfare Center Weapons Division and Alliant Techsystems. Under the terms of this CRADA, Alliant Techsystems would purchase an injection loader, which would be housed at NAWCWPNS, and a joint effort would be conducted to continue the development of injection loading technology.

This new, third-generation injection loader has been installed and is ready for testing.

"(Mahoney) is still working very hard to expand the future applications of this technology..." Goss said. "(His) efforts in developing injection loading technology have advanced the state of the art in explosive loading technology. His development of a partnership arrangement with industry enabled the Center to develop new facility capabilities and facilitated transition of the technology to industry."

Mahoney is a recognized expert in this field and has one patent approved, with several others still pending.

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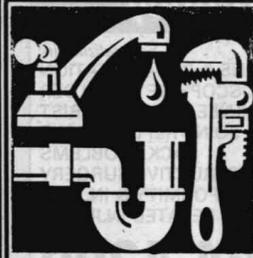
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 5:30 p.m.: Navy News
 5:55 p.m.: The Quiet Ship
 6:03 p.m.: Achieving Success
 6:30 p.m.: Chamber of Commerce: Durango Colorado, the Off the Road Experience
 6:54 p.m.: Pueblo Colorado: Showing Our Best
 •Monday-Friday, August 22-26
 5:30 p.m.: Navy News
 5:55 p.m.: Safety and Environmental Health Journal

6:25 p.m.: Chamber of Commerce: San Luis Obispo
 7:00 p.m.: Local News: NAWS China Lake Saves Money with Asbestos Removal Program
 7:03 p.m.: MWR at NAWS China Lake
TVIS
 The following special training program will be available for viewing on Channel 3 in all FOTS-equipped conference rooms.
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DONATION from Page 1

Material given to the school district included both IBM and Macintosh operating system personal computers, printers, plotters, keyboards, food service equipment, cameras and a large elec-

tronic arc welding machine.

Bob Peoples of the Human Resources Department, and the Adopt-A-School coordinator for China Lake, said the equipment will be a big boon for the

school district. He added that this was not a random selection of surplus goods, rather, school officials asked for material that will help meet specific needs for students and staff.



GIVEAWAY—Present for the official transfer of property to the school district were Jeff Prusa, who coordinated the effort for the district; Lynn Goodrich, of C-Systems; Ken Bergevin, assistant superintendent for administrative services; Bob Peoples, Adopt-A-School coordinator; Curt Roether, a warehouseman; Debra Schlick, head of the Property Management Branch; Margaret Maxwell, Burroughs High School business teacher; and Richard Norton, Murray Junior High math and computer science teacher.

Civilians, officers welcome to attend hail and farewell celebration Aug. 31

Mark your calendars now to join the China Lake community in welcoming new arrivals and wishing "fair winds and following seas" to our departing shipmates. The Weapons Directorate welcomes all civilian personnel and military officers to attend the NAWCWPNs and NAWS Hail and Farewell set for Aug. 31 at the Barefoot Bar (at NAWS Community Pool).

The pool and bar will open at 6 p.m. and a special Mongolian barbecue dinner will begin at 6:30, with the hail and farewell festivities to follow at 8. The dinner will include beef, chicken, turkey and an assortment of fresh vegetables cooked to order with your choice of sauces, steamed rice, rolls and beverages.

Family and friends are welcome. Pay at the door. Cost is \$5 for adults, \$2 for children 6 to 12 years of age and free for those under 6.

More details will follow in the next issue of *The Rocketeer*.

For reservations, call LCdr. Dan Lee (Code C28J) at 927-3754 or LCdr. Steve Burris (Code C28A) at 939-0428.

Fastest DAT in the world: HP JetStore 6000

A brief introduction to DAT technology and HP's newest DAT products

What's DAT?

DAT stands for Digital Audio Tape. This technology was originally designed in the late 1980's using the helical scan recording technique for audio recording. Hewlett-Packard and Sony were the first of many companies to recognize DAT's potential as a first class data storage product for computing. The basic features of DAT were improved by the Digital Data Storage (DDS) recording format, developed by HP and Sony with input from computer industry

DAT features

- recording is digital—it already has many of the features necessary for storing computer data
- small, inexpensive tape cartridges
- small-size mechanisms for small drives
- high levels of error correction
- ability to move to a specific track

DDS Format Features

- Fastsearch enables search of tape at 200 times normal read/write speed
- ten error correction facilities in DDS
- three levels of error correction
- read after write (using 4 heads) for immediate error detection
- track checksums, strict media spec., ...

manufacturers and end users. DDS has been accepted by ANSI, ISO, ECMA and is the industry standard for DAT. Over time the standard has been extended to keep the standard competitive and current with technology. In 1991 the base DDS was extended to DDS-DC to provide for inclusion of compression algorithms. DDS-2 (1993) defined the 120 meter tape cartridge. Future capabilities will include the 180MB tape.

DAT reliability comes from many sources: Helical scan recording offers improved data reliability over conventional sequential recording. This is because the most common damage to tape is longitudinal and helical scan minimizes this. Error-correction techniques verify data is correctly written and help recover data even if a tape is damaged. DDS cartridges perform far better than DAT audio cartridges. Certified DDS media is electronically checked to ensure it meets specs. HP further tests multiple passes assuring you of a minimum of 2000 passes. DDS cartridges have a shelf life of 10 years.

HP's New JetStore 6000

This latest addition to HP's DAT JetStore family is the fastest in the industry. HP JetStore 6000 gives you typically 8Gbytes of unattended backup.

HP JetStore 6000 tape products are ideal data protection for high-capacity, high-speed networks. They offer the broadest connectivity and widest range of solution choices for MS-DOS, Novell NetWare, Windows NT, SCO Unix, Banyan Vines, Macintosh and many more.

- 8Gbyte with industry standard DDS-2 120-meter data cartridges compression
- three times the speed of earlier DAT drives & significantly faster and more reliable than 8mm products
- HP DDS cartridges have lowest storage cost per megabyte compared w/other media
- high reliability: MTBF: 80,000 hours, data: less than one error in 10¹⁵ bits
- complete with JetSafe utilities, cables, terminator, 120-meter cartridge, cleaning cartridge
- Netware with Windows tape systems include Cheyenne ARCserve 5.1 250-user version and JetSafe utilities, rails (internal), cables, terminator, 120-meter data cartridge, cleaning cartridge

HP JetStore 6000i internal tape drive is just \$1,599 & HP JetStore 6000e external tape drive is only \$1,799. HP JetStore 6000i Internal Tape System for NetWare with Windows is \$2,749. If needed, an Adaptec 16-bit SCSI2 controller is \$199. HP 8Gbyte DDS-2 120-meter data cartridge is just \$17.95.

The entire family of HP JetStore products is available including the HP JetStore 2000i internal tape drive for just \$1,049 and the HP JetStore 2000e External Tape System for Macs (2Gbytes and with Retrospect Remote) for only \$1,439.



HP JetStore 6000i and 6000e DAT drives

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DAT has many advantages over Quarter Inch Cassette (QIC): DAT accommodates up to 8Gbytes where QIC is only 2Gbytes, DAT provides single file restore in two minutes where QIC needs five minutes up to one hour. DAT v. 8mm technology: DAT is more reliable, costs less, & has much smaller drives.

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Compu Chatter
By Jason Crow
PC Lab

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"Just do it." An advertising phrase, a retort, an answer to a child who asks, "Why?" There are many things you should just do and few people (usually) go through the trouble of asking why, either because the task makes sense, or because everybody has just done it that way for so long.

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FROM THE TOP from Page 13

Depending on the character of the site or group of sites, these two sets of responsibility (shore station/base issues and area/site general management) either will both be assigned to a single military officer or they will be distinctly assigned to more than one officer. At our NADEPs, for example, both sets of responsibility will be carried out by one senior military officer—the NADEP CO.

At larger sites or clusters of sites, e.g., as we now have at NAWCWPNS, these roles may be embodied in more than one officer—the Naval Air Weapons Stations COs—to cover the shore station management issues and another (flag officer) to oversee the broader area/site general management issues. We are now in the process of defining these specific site and area arrangements for the entire organization.

It may appear to you that this "shared responsibility" will be difficult to manage. But in reality, it all boils down to common sense. Shared, clearly delineated and assigned responsibility has proven a positive formula for many organizations. Take, for example, the aircraft carrier.

Carrier operations are organizationally complex, inherently dangerous and require precision teamwork by the entire

crew. Each individual has a specific job to do, is trained to do it and frequently performs that job with minimum supervision. Complex carrier operations are safe and successful because the right training is continually reinforced. People are empowered to perform and constantly, effectively communicate with each other. The airwing, flight deck operations and ships company all have a separate and distinct job to do, but operate as a unified team.

The carrier system clearly illustrates the degree of integration we need to make competency alignment work. The goal of our transition is to restructure our current organization so that we can operate as a more unified team—and in a way that makes good business sense. And that means empowering people to perform with less supervision, but not without the proper training. It means instilling in everyone a sense of individual responsibility through team membership. And it means assigning clear responsibilities at all levels, so that everyone understands and performs within an established chain of command.

With your understanding and support, I am confident that our competency aligned organization will work exceptionally well for the TEAM and for our Navy.

FROM THE TOP from Page 10

has specific prerogatives and contributes resources (within their respective accountabilities) to a given situation, but only through cooperation can they accomplish their shared goals. Communication, trust based on credibility and the appropriate balance between competencies (as providers) and empowered teams (as users) enables this partnership to achieve desired results.

In addition to the three distinct roles at a site, there will be an overarching site/area management role that will be performed by a senior military officer (O-6 or flag). This officer, depending on the character of the specific site or group of sites (area), will provide essential leadership over processes which span competencies and teams. Through a broad knowledge of site/area operations, this officer will lead and guide the site leadership community comprised of program team leaders, competency leaders and shore station COs (if different from the site/area general manager). This site/area manager will monitor activities to ensure that the site community works together effectively, and that resources are balanced and allocated in the best interest of the TEAM and the Navy. This manager will also represent the Navy to the external community.

In our new organizational alignment, leadership roles will undergo some changes. Resource allocation decisions

will be developed collaboratively at a site by shore station, competency and program leadership drawn together and led by the site/area manager. At a top level, resource decisions also will be subject to command-wide roll up involving competency and corporate leaders. The site/area manager typically will not be involved in the day-to-day program or technical decisions involving the operations of competencies or IPTs.

The area/site manager will serve as a representative of my corporate leadership to resolve issues between program teams and competencies. When a problem is identified, e.g., a breakdown in a work process or resource allocation between competencies or program teams, this person will assess the situation and recommend a solution. Should significant issues arise or persist, requiring corporate attention, the manager will raise the issue to corporate leadership to achieve resolution. Similar arrangements have been successfully utilized by our Defense Plant Representative Offices (DPROs) at our major contractor plants in supporting NAVAIR/PEOs. Through this leadership oversight, the area/site manager will ensure that all decisions balance site needs and concerns against those of the entire TEAM.

Please see FROM THE TOP, Page 16

Jewelry Jottings

Garnets were once believed to offer protection against wounds. Perhaps that is why they were worn by the High Priests of ancient Jerusalem. Deep red garnets are sometimes mistaken for rubies.

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Cash for your cans, your radar towers, transformer cabinets, copper cable ...

Recycle, reuse principles applied to 'boneyard' cleanup prove process doesn't have to be costly

Story and photos
by Barry McDonald
Editor

According to "Chambers Dictionary of Science and Technology," one kind of perpetual motion is "the continual operation of a machine that creates its own energy." This, of course, is a violation of the first law of thermodynamics, which says essentially, energy may be transformed but is never gained or lost. So, in a pure physics sense, there is no such thing as perpetual motion.

On the other hand, when money becomes a source of energy, managed properly, "perpetual motion" is possible, and in June just such a machine was put in motion. Using some \$200,000 in seed money from the Naval Air Systems Command, a cooperative effort between elements within Public Works, Plant Accounting, Procurement and the Defense Reutilization and Marketing Office (DRMO) will see the cleanup of one of China Lake's equipment and material "boneyards" lead to the cleanup of the next location, and so on.

Hazardous Waste Manager John Salter, Code C8305, said the Public Works Department, in cooperation with the Range Department and other personnel, developed a plan for cleaning up the storage areas with minimal use of dwindling funds. After touring several boneyards, Salter felt that the sale of excess equipment and scrap items could very well provide enough money to continue with cleanup of other sites without having to request additional funds.

Dallas Allen was selected as Materials Program manager to work with the Environmental Coordination Office in the Public Works Construction Maintenance Utilities Division. A small project team, including Travis King, Joe Farris and John Culmone, were initially assigned to begin the cleanup at the Charlie Range boneyard. Recently Carlos "Bud" Dickson joined the crew for a short time. Additionally a team of explosives technicians has been provided by the Range Department to assist with the cleanup.

"Everyone has said these boneyards need to be cleaned up for years," said Jon Osgood, head of Public Works' Environmental Projects Office. "But no one has had the money."

Osgood explained that when funding was provided by NAVAIR for removal and disposal of polychlorinated biphenyls (PCBs), they took the opportunity to use it as seed money to begin the program. Once the electronic equipment has had the PCBs removed, it becomes an asset and is eligible for sale through DRMO.

"The thrust of this started out as mandated environmental cleanup of PCBs, but it has expanded to cleaning up some bigger problems," said Osgood. "China Lake is doing itself a favor in this effort. We're cognizant of the problem, and we're taking care of it ourselves, now. It's a home-grown success story of environmental cleanup."

Allen explained that safety is major priority. "Due to the nature of some of the materials we encounter, in addition to the PCBs, and the remoteness of the site, we pay strict attention to safety," he said. All cleanup personnel have received special training in the use of personal protective equipment and the proper handling and disposal of hazardous material.

"It's like Christmas every day out there," Allen said of the "C" Range boneyard, "because they're always opening

up something new." Weather-ravaged wooden crates sit in the yard with their original metal strapping in place—new items, perhaps bought in massive quantities during World War II, some of which made it to the Naval Ordnance Test Station, China Lake, and eventually to this boneyard without ever having been opened.

As a result of the work done to date, the team expects to return to service approximately \$150,000 of serviceable equipment for use on Station. Some Nike radar equipment has already been transferred to the Electronic Combat (Echo) Range, where there are nine Nike sites that require spare parts no longer being manufactured. When a code wishes to utilize an item found at one of the sites, they need to provide Allen with documentation declaring the value of the item.

"I tell them when they remove an item, I don't want to find it in their boneyard a year from now and have to remove it," Allen said. "Giving these items to codes on the base cuts down on the proceeds we receive from the sale of such items, but there is a savings to the Station by doing business this way, so we're happy to do it."

Besides usable equipment, some of the materials that will be sold through DRMO include 90 tons of copper wire, 200 tons of mild steel, 100 tons of magnesium and many tons of aluminum and stainless steel. Proceeds from the scrap metal and equipment sales will go into a fund to be

used to clean up additional sites and generate more funds for still more cleanup.

"I can't say enough about the dedication of the guys on the team," Allen said. "Their proud of what they're doing and I'm proud of them. We started in June and there was

junk and debris spread all across that 10 acres. By the end of the month it will all be gone, and the site will return to the desert."

Allen expressed his appreciation for the help of a number of codes in making the effort a success, but specifically mentioned Cheryl Weiss, Range Department environmental coordinator, whose guidance had

been "extremely" helpful.

The next stop for the team is tentatively scheduled to be the Baker Range boneyard with more sites already identified to follow. But Allen doesn't want to stop with known sites and is actively seeking information on additional sites that could be included in the program.

"People shouldn't be afraid to tell us about sites where there may be something they feel they might get in trouble for," Allen said. "We know some of those types of things are out there. We're not looking to place blame. We just want to clean it up."

Anyone with information of site locations is urged to call the Environmental Projects Office at 939-2750 or the Environmental Coordination Office at 927-1487.

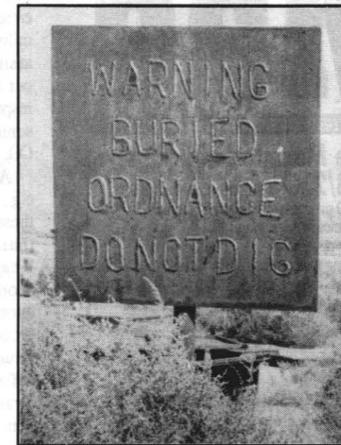
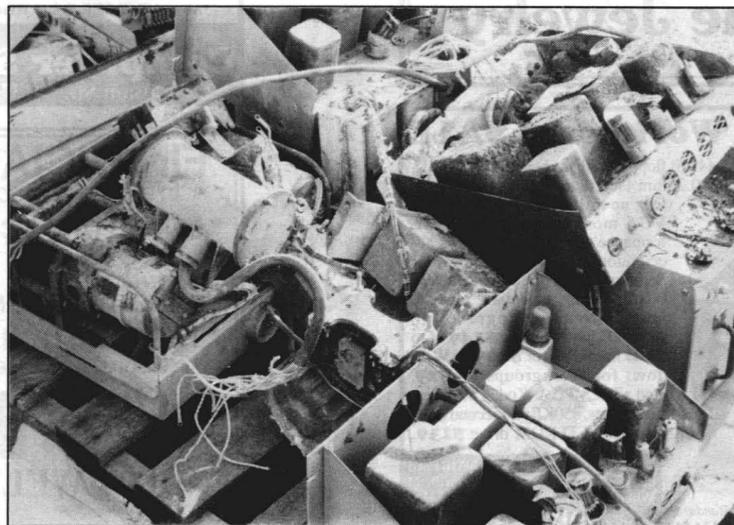
'China Lake is doing itself a favor in this effort. We're cognizant of the problem, and we're taking care of it ourselves, now.'

—Jon Osgood

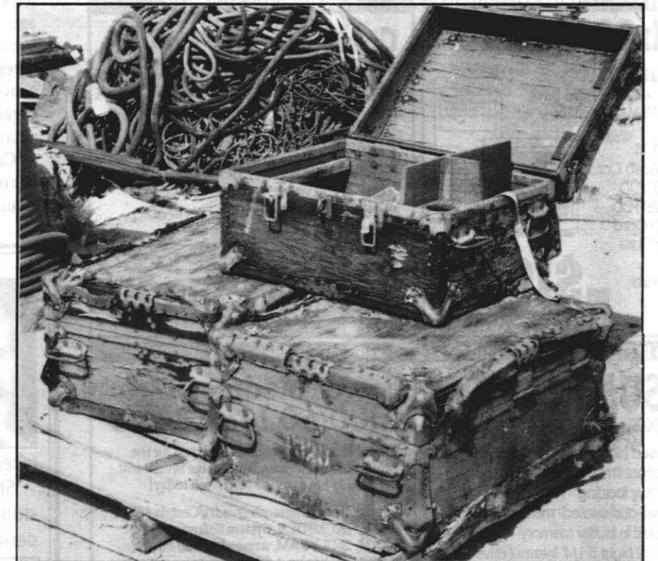
MILES of copper cable (right), spooled, piled and tangled—some 90 tons in all—will go to the highest bidder along with more tons of aluminum, steel and magnesium. Electronic equipment (below) is dismantled to remove transformers that contain PCBs.



CHRISTMAS PRESENTS?— Early program file photo shows stacks of crates with unknown contents that awaited cleanup team.



SIGN prompted call for special assistance, and the Range Department responded with explosives experts. Some items of historical value will be turned over to the China Lake Museum. Trunks of 1940s vintage (below) probably contained precision electrical devices. Some 50 old radar vans (bottom) have already been identified as potential targets for range use once PCBs and electrical gear have been removed.



REASSIGNMENT OPPORTUNITIES

This column is used to fill positions through reassignment or voluntary change to lower grade only. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors. Applications should be filed with the person whose name is listed in the announcement, i.e., at China Lake the Selecting Official; at Point Mugu the HRD Contact.

Previous applicants need to reapply.

REASSIGNMENT COLUMN

ALL NAWCWPNS SITES

No. C21-012KN4, Computer Scientist, DP-1550-2, Code C2195, F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A)-Area of Consideration: NAWCWPNS. **Opening Date:** 8-11-94. **Closing Date:** 8-25-94. **Selecting Official:** Charles Bechtel, (619) 939-5210. **HRD Contact:** Kym Noh, (619) 939-2393. **Permanent Change of Station Authorized:** Yes. **Summary of Duties:** This position is located in the F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A). The branch is responsible for developing F/A-18 embedded computer software which provides cockpit displays and controls, interfaces with other avionics equipment, and interfaces with A/G and A/A weapon systems. The incumbent will use a formalized process as part of a large development team to provide life cycle software engineering support. The incumbent must have experience in requirements analysis, software design, code development, software test, developing embedded systems software, and programming in the CMS-2M and ANAYK-14 assembly languages. The incumbent must have knowledge of MIL-STD-1553 bus architecture and protocol, application of DOD-STD-2167A, and software engineering practices. The incumbent must be able to work well in a team environment and display effective communication skills. Incumbent must be able to obtain and maintain a Secret clearance. Full performance level for this position is DP-3. To apply, send an updated SF-171 to Charles Bechtel, C2195. Notes 2 and 4 apply.

No. C21-013KN4, Electrical Engineer, DP-850-3, C2107, F/A-18 Weapons Systems Support Activity Office, Aircraft Weapons Integration Department (F/A)-Area of Consideration: NAWCWPNS. **Opening Date:** 8-11-94. **Closing Date:** 8-25-94. **Selecting Official:** Richard Bruckman, (619) 939-5600. **HRD Contact:** Kym Noh, (619) 939-2393. **Permanent Change of Station Authorized:** Yes. **Summary of Duties:** This position is that of Senior F/A-18 Systems Engineer in the F/A-18 Weapons Systems Support Activity Office. As Senior F/A-18 Systems Engineer, the incumbent coordinates a multidisciplinary staff that provides system engineering and test and evaluation for NAWCWPNS efforts in F/A-18 systems through their life cycle; emphasis on all F/A-18 sensors (Radar, FLIR, Data Link, etc.), mission computer, and stores management systems. The incumbent is the Chief Flight Test Integrator for air-to-air weapons; air-to-ground smart weapons; air-to-ground free-fall weapons; and F/A-18 tactical software applications with emphasis on the F/A-18 multi-sensor integration (MSI) algorithm, F/A-18 avionics, F/A-18 software development, digital computer simulation and the system engineering process. Incumbent must be able to obtain and maintain a Top Secret clearance. To apply, send current SF-171

VX-9-SECURITY SPECIALIST

No. 555-L-94, Security Specialist, GS-080-9/11, Air Test and Evaluation Squadron Nine (VX-9), Naval Weapons Center, China Lake, Calif. Area of Consideration: Federal Activities West Coast, Reinstatement and Transfer Eligibles. **Salary:** \$28,648 - \$34,662* per year or higher step in accordance with regulations (*includes 3.09% locality pay). **First Cut-Off Date:** Applications received by 7-29-94 will be processed first. Applications received after 29 July will be processed in order of receipt; it is your advantage to apply early. **Closing Date:** 9-30-94. **Notes:** (1) Relocation expenses will not be paid; (2) Selection may be made at either level; (3) Top Secret security clearance, based on a special background investigation with eligibility for compartmented access, is required; (4) Time-in-Grade Requirements: For GS-9, 52 weeks as a GS-7; for GS-11, 52 weeks as a GS-9; (5) An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less, or the applicant currently occupies a Department of Defense Designated Position (TDP), no applicant test is authorized.) The selection in contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP). Further, all DON employees may be subject to drug testing under certain circumstances, such as reasonable suspicion and after an accident or unsafe practice. All individuals will have an 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 the servicing Human Resources Office before a final collection is made. A verified positive drug test result of a current Department of the Navy employee will also be provided to the employing activity/command. **Duties:** Responsibility for security of the Future Systems Branch of the Projects Department, including information, personnel, physical, and Automated Data Processing (ADP) security, Operational Security (OPSEC), Communication Security (COMSEC), and contractor security management and liaison. Defines, prepares, and implements standard information control, ADP, personnel, and physical security procedures. Prepares Standard Practices and Procedures (SSP) for various security programs. Prepares and gives security education briefs to all program personnel, gives defensive security briefs to travelers, and handles facility visitors in accordance with program procedures. Applies physical security principles to designing a facility with the proper use of alarms, locks, telephones, and construction standards; prepares physical security checklists for a secure facility; applies and prepares TEMPEST and Vulnerability Assessment requests; and prepares plans for guard force utilization. Writes transportation plans for courier operations. Sets up, breaks down, and operates secure communication equipment, diagnoses routine problems, schedules repair and maintenance of communication gear, understands and applies COMSEC regulations and procedures. Monitors contract personnel during use of program material. Provides security guidance for preparation of contractor packages, bids and proposals, and assists in contractor facilities security inspections. Supervises a Security Assistant. **Qualification Requirements:** Applicants must have 1 year of specialized experience equivalent to the GS-7 and GS-9 level, respectively. Additional information regarding qualification requirements may be found in the Office of Personnel Management Qualification Standards Handbook. **Specialized Experience:** Experience that equipped the applicant with the particular knowledge, skills, and abilities to perform successfully the duties of the position, and that is typically in or related to the work of the Security Specialist. Additional information regarding qualification requirements may be found in the Office of Personnel Management Qualification Standards Handbook. **Further Evaluation:** With the exception of reassignment and voluntary change to lower grade, applications of candidates meeting the basic qualification requirements (outlined above) will be further evaluated for ranking purposes on the degree to which they possess the following knowledge, skills, and abilities for success in the position: (1) knowledge of various security programs, regulations, policies, and procedures; (2) ability to manage security programs; (3) ability to interpret and apply security policies, procedures, regulations, and instructions; (4) ability to communicate orally and in writing. On a separate sheet(s) of paper, as a supplement to your SF-171, provide examples of your knowledge, skills, and abilities applicable to each of the factors identified in the Further Evaluation section. **How To Apply:** If you are qualified and interested in this position, submit the following forms: (a) Application for Federal Employment, Standard Form 171 (SF-171); be sure to sign and date your SF-171; (b) a copy of your most recent Notification of Personnel Action (Standard Form 50); (c) a copy of your most recent annual performance rating; (d) a copy of your Background Survey Questionnaire (Standard Form 181). SF-171s and 181s may be obtained at the office shown below or federal activity nearest you. Do not send copies of awards, citations, letters of recommendation, personal evaluations, samples of projects or study papers, or official job descriptions. All applications under this announcement should be submitted or mailed to the following address:

Human Resources Office
Training Building A, Room 3
Naval Air Station
Lemoore, CA 93245-5046

Applications must be postmarked or received at the above address by the closing date. Office hours are 1000-1630 Monday through Friday. Full consideration will be given to qualified applicants without regard to race, religion, color, national origin, marital status, sex, age, lawful political affiliation, or handicapping condition. The DON is an Equal Opportunity Employer. For further information, contact the Human Resources Office at (209) 993-3866/67 or DSN 949-3866/67.

NAVAL MEDICAL CLINIC, CHINA LAKE JOB OPPORTUNITY

No. NMC02-07-1, Clinical Nurse, GS-0610-09, Naval Medical Clinic, China Lake. Area of Consideration: Appointable DOD Employees within Southern California. **Opening Date:** 7-15-94. **Closing Date:** Open Until Filled/1st Cutoff Date: 8-1-94. **Summary of Duties:** Incumbent performs nursing assessment of patients and implements treatment indicated. Obtains medical and personal histories from patients presenting for care. Conducts the preliminary portion of medical evaluation of patients presenting for care. **Basic Registration Requirements:** Applicants for nurse positions must have active, current registration as a professional nurse in a State, District of Columbia, the Commonwealth of Puerto Rico, or a Territory of the United States. **Basic Educational Requirements:** Candidates for positions at all grades must meet one of the following requirements: (a) graduation with a Bachelor's or higher degree in nursing from a school of professional nursing approved by the legally designated State accrediting agency at the time the program was completed by the candidate; (b) graduation from a 3-year (at least 30 months) diploma program of professional nursing approved by the legally designated State accrediting agency at the time the program was completed by the candidate; (c) graduation from an associated degree program or other program or other program of at least 2 years, in a school of professional nursing approved by the legally designated State accrediting agency at the time the program was completed by the candidate (including foreign schools), or at least 2 years in length other than covered by a, b, or c above, provided that the professional nurse training and nursing knowledge acquired there are substantially comparable and equivalent to that of graduates of an approved school as described above. Comparability should be evaluated by a State Board of Nursing. Registration as defined above meets this requirement. **Specialized Experience:** One year of professional nursing experience must be sufficiently related to the specialty in both subject matter and grade level, to demonstrate the candidate's ability to perform the major duties of the position being filled. **Time-In-Grade Requirements:** GS-9: Applicant must have held the GS-7 grade level for 52 weeks. **Job Elements:** (1) Knowledge of basic nursing skills; (2) knowledge of medical care and treatment for seriously ill patients; (3) ability to provide comprehensive care based upon medical protocols approved by the Occupational Health Physician. ***Quality-Ranking Factor:** This element will be used as the quality ranking factor if there are less than 10 qualified applicants. **Notes:** Permanent Change of Duty Station (PCS) will not be paid. Applicants are to submit their SF-171 to Human Resources Office, (Code 231), 1000 23rd Ave., Naval Construction Battalion Center, Port Hueneme, CA 93043-4301; POC: Yvonne Langarica at (805) 982-2423/2416, DSN 551-2423/2416.

No. NM04191, Industrial Hygienist, GS-0690-5/7/9/11, Naval Medical Clinic, China Lake. Area of Consideration: Appointable DOD employees, Southern California. **Opening Date:** 6-2-94. **Closing Date:** Open until filled. **Permanent Change of Station Authorization:** No. **Summary of Duties:** The incumbent inspects industrial areas to determine if the correct standards and guidelines are applied to occupational health in the workplace; uses a variety of scientific equipment to determine the extent of severity of exposure to hazardous conditions; minimizes or eliminates worker exposure by designing or assisting in the design of engineering controls; controls the preparation of all technical documents and instructions associated with the industrial hygiene program. **Quality-Ranking Factors:** Knowledge of industrial hygiene sampling procedures and techniques; knowledge of occupational safety and health regulatory requirement, ability to make industrial hygiene investigations and make recommendations, and ability to communicate orally and in writing. Promotion potential is to the GS-11 level. *This element will be used as the quality-ranking factor if there are less than 10 qualified applicants. To apply submit completed SF-171 to Human Resources Office (Code 231), 1000 23rd Avenue, Naval Construction Battalion Center, Port Hueneme, CA 93043-4300. POC is Yvonne Langarica at (805) 982-2423/2416, DSN 551-2423/2416.

to Libby Chan, C2107.

Notes 3 and 4 apply.



NAVAL AIR WARFARE CENTER WEAPONS DIVISION



ANNOUNCEMENTS

ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

CURRENT TECHNICAL COORDINATORS FOR COMARCO CONTRACT N60530-88-D-0019 AND POTENTIAL USERS OF ENGINEERING SUPPORT SERVICES (ESS) CONTRACT

The current COMARCO contract N60530-88-D-0019 expires on 30 September. The NAWCWPNS Procurement Division V is planning to award the Engineering Services Support (ESS) contract on 1 October. A 90-day phase-out/phase-in transition will occur between contracts. Details will be published when they become available.

For planning purposes, we need your new delivery order Statement of Work (SOW) and Independent Government Cost Estimate (IGCE) by 22 August. If this order is a follow-on to a current delivery order, identify the current delivery order number

and contract number on the top of the SOW.

You do not have to submit a stub/purchase requisition at this time. However, a stub will be required prior to delivery order award. Due to our upcoming realignment, some organizations are not prepared to submit fiscal year 1995 stubs because of unknown shop codes. If you cannot submit a stub, use a memo to request a delivery order under the new ESS contract.

We have not yet finalized the new ESS Contract User's Manual, but we have copies of the draft manual ready for you to use in preparing your paperwork. You will need to use the manual to identify the applicable contract SOW paragraphs and to obtain the proper IGCE Form. The draft manual will be available in the Base-Wide Contracts Folder on the C63 Public Volume, C63DEPT Server, CL Mainstie Zone. Submit your memorandum or stub with

attached SOW and IGCE to the Contract Coordination Office currently located at COMARCO, Inc., 1201 N. China Lake Blvd., Ridgecrest, CA 93555. You may fax paperwork to (619) 446-7008 or Quickmail it to either Martin Koca or Mona Bonbright. Contact Martin Koca, Contracting Officer's Representative, C2604, or Mona Bonbright, Ordering Officer, C655 at (619) 446-3585 if you have any questions.

FIP HELP SESSIONS

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

basis and will be available at Point Mugu on 17 August at Bldg. 340A, in the mini conference room, from 0900 to 1100. At China Lake, assistance will be available on 24 August at Bldg. 02466, Room 2001B, from 0900 to 1100. Additional dates will be scheduled at both sites as needed. For more information, contact Bonnie Jones at 939-1557.

VX-4 SQUADRON REUNION

The evaluators of Air Test and Evaluation Squadron Four (VX-4) will be hosting a squadron reunion to coincide with the annual NAWS Point Mugu Airshow from 30 September - 2 October. For more information, contact LT Joseph G. D'Acquisto at (805) 989-8931 or DSN 351-8931. Written inquiries can be addressed to: Air Test and Evaluation Squadron Four, NAWS, Point Mugu, CA 93042-5033

CHINA LAKE GENERAL ANNOUNCEMENTS

HIV/AIDS MANDATORY TRAINING

One of the options for meeting the Defense requirements on HIV/AIDS Education is an OCPM satellite broadcast. This live broadcast, via TVIS Channel 3, will be available on 16 and 17 August from 1000-1200 at TVIS-connected conference rooms, including two rooms in the Training Center. Each broadcast will be highly interactive allowing commands, activities, and installations with downlink capability to speak to Navy medical HIV/AIDS program instructors live via telephone and to send questions and comments via fax. Additional phone lines will be available immediately following the satellite broadcasts to handle personal calls concerning HIV/AIDS.

If your work group wishes to view this broadcast in a TVIS conference room, have someone volunteer as a point of contact (POC) to reserve the conference room on the desired date and obtain course materials from the Wellness Office (939-2468). POCs will also be responsible for capturing the name, code, and social security number of attendees to send to C622 for documentation.

TUITION SUPPORT POLICY FOR CERRO COSO

Civil service employees at China Lake taking courses at Cerro Coso Community College who expect to obtain tuition support must submit to C622 prior to registration a DD Form 1556 (Off-Center Training Request) via department channels. This form must be accompanied by a job order number supplied by their department, and an "objective" statement explaining how the course is mission related. Employees MUST SIGN the appropriate statements on the back of copy 1 of DD Form 1556, including the one whereby they promise to reimburse the Government if a satisfactory

grade (i.e., "C" or better) is not obtained.

C622 will return the approved DD Form 1556 to you. You must turn it in to Cerro Coso when you register in order for NAWCWPNS to pay your tuition. If you register in person, turn in the approved form to the registrar. If you register by telephone, mail the approved form back with the bill you will receive.

Requests for tuition support (DD Form 1556) must be received by C622 at least 3 days prior to the employee's registration at Cerro Coso. This will allow the request to be processed and returned to you in time for registration. The approved DD Form 1556 must be turned in to Cerro Coso when registering or returning the bill received in order for NAWCWPNS to pay the tuition. EMPLOYEES WHO PAY TUITION WILL NOT BE REIMBURSED. If you have any questions, call Cecil Webb at 939-0878 (C622).

EQUIPMENT MANAGEMENT BRANCH HAS NEW TELEPHONE NUMBERS

The Inventory Section of the Equipment Management Group has acquired three new telephone numbers: 927-1307, 927-1404, and 927-1610. These numbers provide direct contact to C63351 personnel Jo Warren, Lee Ammerman, Sandi Beckers, Roger Brower, Esther Long, and Tony Vitale.

MEDICAL EXAMINATION

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

Employees who occupy positions that have medical standards or specific physical requirements and have been absent from work due to illness, injury, or pregnancy for five or more consecutive workdays

also must be cleared to return to work by the Occupational Health Officer. If circumstances warrant, a supervisor can require employees who occupy positions with medical standards or specific physical requirements to be examined and cleared by the Occupational Health Officer following a lesser period of absence.

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

ADULT, CHILD, AND INFANT "COMMUNITY CPR" CLASS

A special presentation of the American Red Cross "Community CPR" class will be offered by the Safety Office (C8403) in conjunction with Cerro Coso Community College. This course includes adult, infant, and child CPR. This class will be held at the NAWS Training Center on 15 August. This will be the only "Community CPR" class that will be presented during the summer CPR program. There is no cost for attendance, although a course manual must be obtained. This is an excellent opportunity to update your certification, or to learn this lifesaving skill for the very first time. Class sized is limited. Classes are open to the community. For more information or to sign-up for a class, call Terri at the Safety Office at 939-2315.

CSUC COMPUTER SCIENCE GRADUATE WRITING EXAM

The CSU, Chico Computer Science Graduate Writing Exam will be given 18 August at China Lake. The cost is \$20. If you need to take the exam, reserve a

GOVERNMENT CONTRACT MANAGEMENT CERTIFICATE PROGRAM

A certificate program in Government Contract Management is offered at China Lake through the University of California, Santa Barbara (UCSB). The certificate consists of eight courses, one course scheduled each quarter. Each course meets for 3 hours in the evening for 12 weeks. The courses may satisfy DAWIA requirements for some employees. (Employees should contact their DAWIA functional POC or Nancy Saxton to ascertain whether these courses will satisfy their DAWIA requirements.) For more information on this program, contact Cecil Webb at 939-0878.

space by calling Denise at 939-2648.

ACADEMIC PROGRAMS AT CHINA LAKE

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

CERTIFICATE PROGRAM IN ENVIRONMENTAL MANAGEMENT

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

OPERATIONS DIVISION NEWS

APPLICATION PROCEDURES

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

Submit a copy of your latest narrative performance assessment/appraisal of record with any application filed against a vacancy announcement. If the assessment/appraisal does not clearly state the tasks/duties performed, attach a copy of your performance plan.

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

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

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

AREA OF CONSIDERATION INFORMATION

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

NOTES

1. If selection is made below the full performance level, the selectee may be promoted to the next higher level(s) without further competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines the incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. **PROMOTION IS NOT GUARANTEED.**

2. First-time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position.

3. **Drug Testing Designated Position.** An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a Department of Defense Testing Designated Position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP. Further, all Department of Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current Department of Navy employee will also be provided to the employing activity/command.

4. **This is a Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position.** P. L. 101-510 requires that all applications for DAWIA designated positions that are advertised be evaluated utilizing a Quality-Ranking Factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants who would like to obtain more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields should contact their Department Office DAWIA representative or their Personnel Management Advisor. Note: Applicants selected for Critical Acquisition Positions (GS-14/DP-4 and above) will be required to sign a service agreement to remain in that position for at least a 3-year period.

5. **Merit Promotion Positions for Point Mugu Site Vacancies.** Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcement.

GENERAL INFORMATION

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

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP). Incumbent must hold or be able to obtain the appropriate security clearance.

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

MERIT PROMOTION

POINT MUGU ONLY

No. P76-032-NG4, (1) Assistant Fire Chief (Training), DG-081-05, Naval Air Weapons Station, Air Operations Department, Fire Division, P764. Area of Consideration: Current Appointable NAWCWPNS Employees at Point Mugu Site only. Opening Date: 8-11-94. Closing Date: 8-25-94. Selecting Official: Chief Hair, 989-7303. HRD Contact: Mary Lou Gutierrez, 989-3230. Permanent Change of Duty Authorized: No. Summary of Duties: Incumbent plans, arranges, schedules, coordinates, collects data, and conducts analysis of programs or function, with significant scope and impact. Serves as a knowledgeable NAWCWPNS specialist responsible for reviews, analyses, evaluations, and recommendations having significant impact on the department of NAWCWPNS program. Assists higher level personnel in the performance of work of very substantial scope, difficulty, or complexity in a specialty area. Advises senior management of the progress of projects and anticipated problems, major policy changes expected, impact on resources, and impact on responsiveness. Quality-Ranking Factor(s): Ability to manage and perform fire protection/prevention program function.

ALL NAWCWPNS SITES

No. C21-011KN4, Secretary (Typing), DG-318-1/2, Code C2145, Test and Instrumentation Branch, Systems Integration Evaluation Division, Aircraft Weapons Integration Department. Area of Consideration: NAWCWPNS. Opening Date: 8-11-94. Closing Date: 8-25-94. Selection Official: J. D. Walker, (619) 939-5625. HRD Contact: Kym Noh, (619) 939-2293. Permanent Change of Station Authorized: No. Summary of Duties: The incumbent provides secretarial and administrative support to the branch head and staff members. Quality-Ranking Factor: Knowledge of and working skills on the Macintosh PC is required. The incumbent must be able to obtain and maintain a Secret clearance. The full performance level of this position is DG-2.

No. C29-025 BD94, (1) Supervisory Interdisciplinary (Electronics Engineer/Physicist/Mathematician), DP-855/1310/1520-3, RF Guidance Analysis Branch (C2952), Intercept Weapons Department. Area of Consideration: NAWCWPNS. Opening Date: 8-11-94. Closing Date: 8-25-94. Selecting Official: Jim McCalester, (619) 939-3338. HRD Contact: Brenda Dunn, (619) 939-2883. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: As Head, RF Guidance Analysis Branch, the

incumbent's duties will include monitoring the technical tasks of the personnel being supervised, developing and expanding the technology and product base of the branch, personnel management for the branch, and application of the NAWCWPNS Demonstration Project. The mission of the branch is to perform analysis and evaluation of RF missiles and to provide solid-state technology investigations and transmitter design and evaluation. Quality-Ranking Factors: (1) Technical QRF: knowledge of signal processing, MM Wave solid-state technology, and RF guidance modeling/analysis. (2) Supervisory QRF: knowledge of affirmative action principles, including willingness to implement EEO practices, and the ability to perform as a first-line supervisor, including ability to mentor employees, communicate both orally and in writing, and interface with and make presentations for NAWCWPNS management and sponsors. (3) DAWIA QRF: ability to meet the DAWIA mandatory training, experience, and education for level III requirements for the Systems Planning Resources Development & Engineering Acquisition Career Field within 6 months of entering position. Selectee must be a current member of the Acquisition Professional Community or obtain membership or a waiver prior to entering the position. Promotion potential to DP-4, however promotion is not guaranteed. Incumbent must be able to obtain and maintain a Secret clearance. Duty Station

is NAWCWPNS China Lake.

Notes 1, 2, and 4 apply.

No. C32-006-DWE4, Ordnance Equipment Mechanic, WG-6641-5/8/10, Ground Operations Branch, Range Operations Division, Range Department, C3223. Area of Consideration: NAWCWPNS. Opening Date: 8-11-94. Closing Date: 8-25-94. Selecting Official: Ev Long, (619) 939-6815. HRD Contact: Diana Eggleton, (619) 939-8111. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent assembles, disassembles, modifies, adjusts, repairs, services, and operates specialized ordnance equipment used in the experimental testing of rockets, guided missiles, projectiles, and high-explosive items. Selectee must be able to obtain and maintain a Secret clearance and Ordnance Certification. Job Elements: Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly, installation and repair; ability to maintain tools and equipment; ability to use measuring instruments; ability to interpret instructions, specifications, etc.; skill in troubleshooting; and knowledge of technical practices. Applicants should address these job elements through completing the Supplemental Qualification Statement, which is required and is available in Room 100 of the Human Resources Department Building. Notes 1 and 3 apply.

No. C84-008-JJ4, (1) Fire Protection Inspector, GS-081-5/6/7/8, C84202, Fire Division, Safety and Security Department. Area of Consideration: NAWCWPNS. Opening Date: 8-11-94. Closing Date: 8-25-94. HRD Contact: Jean Johanboeke, (619) 939-8135. Permanent Change of Duty Station Authorized: No. Summary of Duties: Inspects building contents, utilities, and surrounding areas, and processes and operations in regularly assigned areas. Recommends corrective actions; prepares written reports and instructions; conducts follow-up inspections; presents fire prevention training; and conducts evacuation and fire drills. Engages in walking, climbing, bending, and lifting. Quality-Ranking Factor(s): Ability to communicate orally and in writing and interpret various fire-prevention regulations and documents. Must be able to obtain both a California State Drivers License and a Navy Motor Vehicle Operators Permit. Incumbent will work a 40-hour workweek. Promotion potential to GS-8, but not guaranteed. Notes 1 and 3 apply.

NATIONWIDE/CURRENT PERMANENT DOD EMPLOYEES

No. C022-001-DWE4, Librarian, DA-1410-1/2/3, Technical Library Division, Technical Information Department, C0223—Area of Consideration: DOD-wide. Opening Date: 7-14-94. Closing date: 8-13-94. Selecting Official: Sandy Friedman (619) 939-1017. HRD Contact: Diana Eggleton, (619) 939-8111. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent is responsible for performing reference work; conducting on-line literature searches with DIALOG, DTIC, ILS (Integrated Library System) and/or RLIN databases; compiling bibliographies; selecting and acquiring appropriate subject matter material (books, technical reports, periodicals, manuals, etc.); making subject analysis, indexing, cataloging, and classifying library materials, interpreting and analyzing information; assisting patrons with the on-line computer system; developing information systems; defining user requirements; and marketing library services. Quality Ranking Factors: Ability to provide the full range of reference, literature search, and subject analysis library services to technical



HUMAN RESOURCES DEPARTMENT INFORMATION

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

EMPLOYEE/LABOR RELATIONS DIVISION NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 44 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Tel-Mart) at China Lake. Forms for Point Mugu may be mailed to P621; forms for China Lake may be mailed to C621. For additional information, call Estela Padilla at (805) 989-3222 or Pat Miller at (619) 939-2018.

CHINA LAKE

Kathleen Bangs, C2621
Kathleen is recovering from knee surgery.

Debra Campbell, C6142

Debra has a herniated disc in her lower back and is only able to work a maximum of 5 hours per day.

Judith Newton, C6132

Judith has exhausted her leave taking care of her husband, who had heart surgery.

Peggy Van Skike, C612

Peggy is under a doctor's care for a medical emergency.

Toby Van Skike, C21451

Toby is under a doctor's care for a medical emergency.

Lois Berry-Light, C2876

Lois had arthroscopic surgery of the left knee as a result of undefined infection of the knee joint.

Antonette Revis, P3925

Antonette is undergoing surgery.

Carla Allen, P261

Carla is recuperating from major surgery.

Delia (Dee) Andrade, P7441

Dee is suffering from carpal tunnel syndrome in both hands and is awaiting surgery.

Melody Dates, P238

Melody had brain surgery.

Susan Willard, C32205

Susan is being treated for a serious illness and will be unable to work for the next several months.

Mary Hire, C02461

Mary is recuperating from major surgery.

Lucinda Lundin, C626

Lucinda will be undergoing surgery and will be out for several weeks.

Jill Guinn, C02211

Jill is recovering from a fracture.

Cathy McCune, C29B14

Cathy is recovering from major surgery.

William Muhlhause, C2633

William had a total hip replacement.

Diane Sapp, C8348

Diane had surgery.

Thomas Manson, P3713

Thomas is being treated for out-of-control diabetes, anxiety, and stress. If these conditions are not controlled, they will result in serious and crippling illness and early death.

Ethel Wilson, P7325

Ethel will be undergoing a second surgery in 5 months and will be on leave for 2-1/2 months.

La Wanda Lint, P7262

La Wanda had surgery on her shoulder.

Gary Newton, C8342

Gary will be undergoing an unexpected triple bypass open heart surgery and will be convalescing for 2 to 3 months.

Rick Grazer, C6111

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

Kimberly (Ramirez) Hensing, C2644

Kimberly is on maternity leave.

Denise Evans, C6111

Denise suffered a stroke and will be unable to return to work for an extended period of time. She is a single mother and this is her only source of income.

Janet Blackwell, C658

Janet had abdominal surgery and is recovering.

Howard Gerrish, C2772

Howard obtained severe injuries in an accident.

Frank White, C3312

Frank is recovering from pneumonia and valley fever.

Tracey Manning-Stanphill, C834

Tracey has cancer and is undergoing radiation and chemotherapy treatments.

Jean Rongish, C2612

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

Janice Henderson, C6335

Janice is caring for her brother while he is on dialysis awaiting a kidney/pancreas transplant.

Larry Kuster, C842

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

POINT MUGU

Beatriz Garcia, P77

Beatriz is experiencing complications from her pregnancy and is presently under a physician's care.

Eireen Echiverri, P6137

Eireen will be undergoing surgery.

Patsy Lopez, P2205

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

John Duhon, P7363

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

Jennie Miller, P37121

Jennie is undergoing chemotherapy for bone cancer.

Brenda Davis, P625

Brenda is undergoing treatment for lupus erythematosus.

HUMAN RESOURCES DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

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

CHINA LAKE COURSES

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

INNOVATIVE TEAM TRAINING & TECHNOLOGY OF DESIGN (24 hrs.)

14-16 September; Wednesday-Friday, 0800-1600; Training Center. By: Invention Machine Corporation
Prerequisite: General engineering knowledge.

Intended Audience: Design, Process, Manufacturing and Value Analysis Engineers, Project Team Leaders, Process and Manufacturing Managers.

Objective: To improve engineering effectiveness by implementation of innovative technology

of design and theory of inventive problem solving, otherwise known as computer-assisted creativity.

This course will include a short history of the development of engineering thinking and the methods used in Innovative Technology of Design. In-depth analysis and examples of the principles of division, separation, local quality, anti-action, nested doll; sufield analysis-effective language for describing an engineering system; inventive problem solving using sufield analysis; inventive standards—the unique methods for structural prediction of new solutions; how to apply inventive standards in engineering; laws and regularities of engineering system development; the algorithm of innovative problem solving; transition of the engineering problem to the model

of the ideal solution or final result; development of engineering and physical contradictions; problem model construction, development, analysis and evolution; and evaluation of initial solution and development trends of solutions. Physical, chemical, and geometrical effects and phenomena, with applications in engineering will also be discussed.
Note: Tuition fee for this course is approximately \$500.
To enroll or obtain information, call Annette at 939-0870 or Arnold Danielson at 927-2882.

C++, INTRODUCTION (40 hrs.)

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

Prerequisite: The student must have a basic

understanding of ANSI C programming syntax. This course is an introduction to both C++ and Object-Oriented Programming.

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

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

Presentation: Lecture, Hands-On-Workshop
Deadline: 15 August.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING*

DRUG FREE WORKPLACE/EMPLOYEE ASSISTANCE PROGRAM (2 hrs.)

17 August; Wednesday, 1300-1500; Training Center. By: Bob Fitzpatrick and Bernie Maki, C621

This class is designed to provide employees with general information about the Drug Free Workplace Program and the Employee Assistance Program. Subjects include drug testing policy and procedures, typical drug abuse behaviors, the role of the Employee Assistance Program at China Lake, and a general question and answer session on substance abuse.

To enroll, call Pat at 939-3159.

MICROSOFT FOXPRO VERSION 2.5 (12 hrs.)

1st session: 29-30 August; Monday-Tuesday, 0800-1600 (1st day) and 0800-1130 (2nd day); 2nd session: 30-31 August; Tuesday-Wednesday, 1230-1600 (1st day) and 0800-1600 (2nd day); Training Center. By: Mike Childers, Comaroc

Prerequisite: *Basic Macintosh skills.*

This course is designed for the beginning user as well as the experienced programmer interested in database development. The course will cover FoxPro interface in the interactive mode, working with multiple tables, creating a user interface (screen), menu design, report generation, and using the RQBE window to develop queries. Participants will develop an entire simple application using FoxPro's power tools.

This course will also discuss other issues involving database development such as design theory and cross platform development (FoxPro's greatest feature).

Presentation Method: Hands-On Workshop

To enroll or obtain further information, call 939-0870.

WORD ON THE MACINTOSH, ADVANCED (16 hrs.)

1-2 September; Thursday-Friday, 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

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, custom menus
5. Advanced formatting
6. Tips, keyboard shortcuts

Presentation Method: Hands-On Workshop

To enroll or obtain further information, call 939-0870.

Deadline: 18 August.

PARENTING CLASSES (12 hrs.)

6 September-8 November; Tuesdays, 1130-1230; Bldg. 457 (on Blandy). By: Janet Presley & Linda Eberhart

This series of classes (Systematic Training for Effective Parenting) is designed for parents of children ages 0 to 6 years old. The program will give participants an opportunity to develop skills and goals for parenting very young children. Books will be available for \$14.

To enroll, call 939-2468.

MS-DOS, ADVANCED (8 hrs.)

13 September; Tuesday, 0800-1600; Training Center. By: Computer Focus

Prerequisite: *Beginning DOS or equivalent.*

This class covers the commands and functions that allow students to utilize their PCs with greater ease and efficiency. Students use the new DOS editor to create and modify batch files and are introduced to redirection and piping of commands to gain greater control of the standard DOS commands.

Presentation Method: Hands-On Workshop

Enrollments are on a call-in basis only. To enroll, call 939-0870.

Deadline: 30 August.

TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

13 September; Tuesday, 0800-1600; Training Center. By: Bob Ranft

This 1-day class provides participants with a working understanding of the importance of total quality (TQ), which is a people-focused management system aimed at continual increase of customer satisfaction at continually lower real cost. TQ is a total system approach; it works horizontally across functions and departments, involves all employees, top to bottom, and extends backward and forward to include the supply chain and the customer chain. TQ stresses learning and adaptation to continual change as keys to organizational success. TQ is anchored in values that stress the dignity of the individual and the power of community action. This definition of "total quality" suggests that customer satisfaction is a useful definition of "quality." This class is about how to make it happen.

To enroll or ask questions, call 939-2686.

RETIREMENT PLANNING FOR YOUNGER EMPLOYEES (8 hrs.)

14 September; Wednesday, 0800-1600; Training Center. By: Employee Relations (C621)

This seminar consists of several lectures that discuss the facts affecting retirement, such as those relating to the Civil Service Retirement System and FERS, Thrift Savings Plan, health insurance, life insurance, social security, income tax and financial planning, estates, trusts, and wills. This course includes pertinent topics from the Pre-Retirement Seminar, with emphasis on what to look for in planning for retirement. This class is recommended for employees beyond 2 years of employment and those within more than 5 years of retirement.

To enroll, call Tammy at 939-2451.

PROFESSIONAL DEVELOPMENT FOR SUPPORT STAFF (16 hrs.)

14-15 September; Wednesday-Thursday, 0800-1600; Training Center. By: Robert M. Ranft

This course will be catalytic in helping participants achieve their potential by (1) getting them genuinely excited about themselves, their careers, and the quest for developing themselves into outstanding professionals exemplifying a hallmark of personal excellence; (2) exploring a spectrum of useful techniques for achieving a personal renaissance, enhancing one's creativity, productivity, and overall effectiveness; and (3) providing a credible road map and effective tools of implementation for professional self-development.

To enroll, call Sue at 939-2349.

Deadline: 7 September.

EQUIPMENT CUSTODIAN (3 hrs.)

15 September; Thursday, 1300-1630; Training Center. By: Debra Schlich (C6335)

This course is designed to familiarize equipment custodians with accountability for plant and minor property. It will also provide assistance and guidance in the use of equipment management forms. It will help equipment custodians to understand their duties and responsibilities regarding equipment and accountable assets.

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

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

FILEMAKER PRO (16 hrs.)

19-20 September; Monday-Tuesday, 0800-1600; Training Center. By: Marjorie Hunter (C0239)

Prerequisite: *Basic Macintosh skills.*

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

Presentation Method: Hands-On Workshop

To enroll or obtain further information, call 939-0870.

Deadline: 6 September.

TAMP CLASSES FOR MILITARY MEMBERS AND THEIR SPOUSES

TAP WORKSHOP

16-19 August; 0800-1600; NAWC Conference Center

DYNAMITE SF-171

23 August; 0800-1100; Training Center, Room 203

HANDS-ON RESUME WORKSHOP

30 August; 0800-1130; Training Center, Room 203

SMOOTH MOVE WORKSHOP

16 September; 1330-1600; Training Center, Room 211

DYNAMITE SF-171

20 September; 0800-1100; Training Center, Room 203

HANDS-ON RESUME WORKSHOP

27 September; 0800-1130; Training Center, Room 203

For TAP workshops, contact your career counselor.

For other classes, call TAMP at 927-1545 at least 3 workdays in advance of the class.

CSUB FALL COURSES

California State University, Bakersfield (CSUB) offers at China Lake a bachelor's degree program in business administration and a master's degree in administration. Employees taking one of the courses below must sign a statement at the time of registration promising to reimburse the government if a satisfactory grade (i.e., "C" or better) is not obtained.

COURSES UNDER CONTRACT

To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.

ADM570: RESEARCH AND DEVELOPMENT MANAGEMENT (5 quarter units)

20 September-22 November; Tuesdays, 1610-2110; Training Center. By: Mr. Robert Glen, 939-3215, and Dr. Richard Kistler

Scope: Techniques for evaluation of the performance of research laboratories with special emphasis on management procedures, finance, personnel, and program planning.

Note: This is a core course for a master's degree in administration through CSUB.

BA370: LEGAL ENVIRONMENT OF BUSINESS (5 quarter units)

21 September-23 November; Wednesdays, 1610-2110; Training Center. By: Professor Hulpke, CSUB

Scope: Introduction to the legal process, recognizing law as an instrument of social and political control in society. Topics include legal philosophy, judicial and administrative processes, constitutional protection to individuals, and government regulation of business.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

MATH477: NUMERICAL ANALYSIS (5 quarter units)

16, 17, 30 September; 1, 14, 15, 28, 29 October; and 11, 12 November; Fridays, 1610-2030; and Saturdays, 0800-1200; Training Center. By: Professor El-Ansary, CSUB, (805) 664-2130

Prerequisite: Calculus III and some knowledge of computer programming.

Scope: Number representation and basic concepts of error analysis, numerical solutions of nonlinear equations and systems of equations, interpolation and extrapolation, numerical differentiation and integration, numerical solution of ordinary differential equations, and approximations by spline functions.

COURSE NOT UNDER CONTRACT

To obtain a registration form, call Denise at 939-2648. The form must be returned to C622, along with a check for \$500 payable to CSU, Bakersfield, at least 10 days prior to the starting date of the course. Enrollments will be on a first-come first-served basis.

Note: Civil Service employees at China Lake taking this course and expecting to obtain tuition support must submit via department channels to C622 prior to registration a DD Form 1556 (Off-Center Training Request) with a job order number supplied by their department and an "objective" statement explaining how the course is job related. For more information, call Cecil Webb at 939-0878.

LRM411: ENVIRONMENTAL LAW I (5 quarter units)

15 September-1 December 1; Thursdays, 1610-2110; Training Center. By: Michael Saltz, J.D., M.S.L.

Scope: Overview of the basic legal framework forming the background for environmental regulation, including statutes and administrative rulemaking, common law, and constitutional law. Federal, state, and local agencies involved in environmental regulation. The permitting process and comparison of NEPA and CEQA.

Note: This is a required course for the Certificate in Environmental Management through CSUB.

LIBRARY RESEARCH FOR STUDENTS IN DEGREE PROGRAMS (2 hrs.)

21 September; Wednesday, 1300-1500; Training Center. By: Technical Library Staff

In this class students in engineering, administration, computer science, business, and other degree and graduate programs will be introduced to the resources of the NAWCWPNS Technical Library. They will be shown how to register, gain

after-hours access, locate and borrow books, technical reports, periodicals, specifications, standards, technical manuals, etc. Basic research resources for each field will be demonstrated including CD-ROMs and on-line databases. The user will learn how to locate and borrow materials from other libraries and research centers. The user will be shown how to identify the most current sources in his field using the latest tools.

EXCEL ON THE MACINTOSH, BEGINNING (16 hrs.)

21-22 September; Wednesday-Thursday, 0800-1600; Training Center. By: Saracen Interactive.

Prerequisite: *Basic knowledge of the Macintosh.*

This course is designed for the beginning spreadsheet user. It will familiarize the student with the terminology of spreadsheets and the Excel environment. Students will learn to create,

edit, and print simple worksheets using the basic formulas. Upon completion of the course, students will be able to manually format a spreadsheet, sort data, use Chart Wizard, and apply auto formats.

Presentation Method: Hands-On Workshop

Enrollments are on a call-in basis only; to enroll or obtain further information, call 939-0870.

Deadline: 7 September.

MACINTOSH, INTRODUCTION (8 hrs.)

27-28 September; Tuesday-Wednesday,

To enroll in or ask questions about Point Mugu courses, call (805) 989-3982, (DSN) 351-3982.

SCIENTIFIC, ENGINEERING, AND TECHNICAL

AUTOCAD 3D AND AUTOLISP (32 hrs.)

19-22 September; Monday-Thursday, 0800-1630; Bldg. 5-1, Room 30. By: Dave Pendleton, C2872

Prerequisites: *Basic knowledge of AutoCAD (Version 10), Familiarity with PC and DOS with some programming experience.*

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

ADVANCED CONCEPTS IN UNIX (220 hrs.)

26-30 September; Monday-Friday, 0800-1630; Bldg. 65. By: Noble Nkwocha, C6343

The Advanced Concepts in Unix will cover selected features of the Unix Operating System for intermediate and advanced users. These features include the following: internal organization of the Unix Operating System, the Unix Shell Programming Language and programmer's utilities, the Unix System manager's utilities, and general information for Unix programmers and managers. While the course emphasis will be on standard Unix, the hands-on experience will come from a Sun Work Station. Upon completion of this course, the student will understand how to write Unix Shell programs, and more importantly, the student will be able to discern when and when not to use the Shell Programming Language for a given application.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

WORDPERFECT, INTERMEDIATE (8 hrs.)

15 August; Monday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra

Prerequisite: *WordPerfect Introduction.*

This course presents intermediate skills in this word-processing program such as merge operations, envelopes, mailing labels, macros, headers and footers, math, sorting text, columns, fonts and graphics for the IBM compatible.

DBASE III+, INTRODUCTION (16 hrs.)

16-17 August; Tuesday-Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory Co.

Prerequisite: *Prior PC experience.*

This course introduces database concepts and fundamental skills to create database files, use common dBASE commands, and edit and modify files using the IBM compatible.

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (20 hrs.)

16-18 August; Tuesday-Thursday, 0800-1630; Bldg. 5-1, Auditorium, By: NRCC

Intended Audience: COTRS, ACOTRS, and TAS.

This course will provide newly appointed COTRS, ACOTRS, and TAS with in-depth knowledge of their role in the acquisition process and of their specific duties and responsibilities. Course topics include regulations, Federal Acquisition Policy, and contract law; COTR duties, responsibilities, and authority parameters; standards of conduct and procurement integrity, contract types; contract familiarization; tracking and monitoring methods; COTR role in delivery orders; financial tracking; contract modification; and contract remedies.

PC, INTRODUCTION (8 hrs.)

18 August; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Cata

This course is designed for the novice PC users and provides a basic orientation and overview of personal computers and PC applications. The skills of powering up and reading the PC and the printer are covered in addition to basic keyboard usage.

DOS, ADVANCED (8 hrs.)

19 August; Friday, 0800-1630; Bldg. 5-1, Room 23. By: Computer Focus

In this course you will learn to use batch files to customize computer operations and create custom computer instruction for the DOS on an IBM-PC compatible computer to ensure the safety of the hard disk files against accidental destruction. You will also learn how to use copy con to create batch files and the edit line editor to modify them, use pipeline commands in MS-DOS to redirect output, do sort, and use the find and more filter functions.

EXCEL, BEGINNING (16 hrs.)

22-23 August; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Saracen Interactive

Prerequisite: *Basic Macintosh operating skills.*

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

Presentation Method: Hands-On Workshop

MS-WINDOWS, INTRODUCTION (16 hrs.)

22-23 August; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Comskill

Prerequisite: *Prior PC experience.*

This course introduces the user to basic functions and features of this graphical user

interface package. Students learn to use the Program Manager to manage the running applications, use the File Manager to manage files, disks, and drives, and exchange information between applications.

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, use

interface package. Students learn to use the Program Manager to manage the running applications, use the File Manager to manage files, disks, and drives, and exchange information between applications.

POWER AND INFLUENCE SKILLS FOR SUPPORT STAFF

24 August; Wednesday, 0800-1630; Surfside Club, Cloud 9 Room. Marion Lapan

Skills will be learned in developing a plan to exert your power and influence appropriately and successfully within your job context. Participants will gain an understanding of power and its roll in the workplace, an understanding of leadership concepts and the impact leadership has on office productivity. Participants will be assisted in mastering skills, behaviors, and attitudes which enhance their professionalism on the job.

CPR, BASIC PROVIDER (8 hrs.)

24 August; Wednesday, 0800-1630; Bldg. 5-1, Lounge. By: St. John's Medical Regional Center

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

LOTUS 1-2-3, INTERMEDIATE (8 hrs.)

24 August; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: The Creative Solution

Prerequisite: *LOTUS 1, 2, 3 Introduction.*

This course presents the various range, file, and Data commands on this spreadsheet program. Students will learn how to password protect worksheets, change the default settings, and use table lookups on the IBM compatible.

DBASE IV, INTERMEDIATE (8 hrs.)

25 August; Thursday, 0800-1630; Bldg 5-1, Room 23. By: The Memory Co.

Prerequisite: *DBASE IV Introduction.*

This course will focus on data management capabilities using set commands, creating complex reports, and creating turkey systems using the IBM compatible.

BUDGET ANALYSIS, ADVANCED (24 hrs.)

29-31 August; Monday-Wednesday, 0800-1630; Surfside, Cloud 9 Room. By: Edward T. Dappen

This course presents approaches to situational analysis using non-numerical and non-statistical techniques applicable to problems encountered in budget decisionmaking. Each of the four phases of the federal budget cycle—budget formulation, congressional action, budget execution, review and audit—will be addressed through lectures and case studies. Participants will be required to analyze various budget situations and present recommendations describing the results of their analysis.

some typical applications packages such as a wordprocessor, and/or a graphic program. (Applications to be surveyed may include MacWrite or WORD, MacPaint, and 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

Enrollments are on a call-in basis only. To enroll, call 939-0870.

Deadline: 13 September.

WORDPERFECT, ADVANCED (8 hrs.)

6 September; Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra

Prerequisite: *WordPerfect Intermediate.*

This course covers the advanced features showing graphics capabilities, using automatic indexing, creating and executing macros, and demonstrating special project applications using various functions on the IBM compatible.

MS-WINDOWS, INTRODUCTION (16 hrs.)

7-8 September; Wednesday-Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Comskill

Prerequisite: *Prior PC Experience.*

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

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

15-16/29-30 September; Thursday-Friday, 0800-1630; Bldg. 5-1, Lounge. By: In-house Instructor

Scope: *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