# Call it in to McDonalds

Hi Ronald, I'd like to order a Big Mac, large fries and a soft drink. To Go! I'll be there in 15 minutes to pick it up. Thanks!



Copy and complete the convenient order form below to phone in your order. We will bag each order individually with the appropriate receipt for easy distribution upon arrival back at work. Stop dealing with crowds, save time and gas! Please call us with any questions.

	-		-		Mile been	-	arry questions.	-	-	01.5000			
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VALUE PACKS All include:  1. Big Mac	3.49	nd a mediu	m soft drink	For large s	oft drink add	1.20	Medium	.39	DJ=YAO	SF24	unne	mahn	
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\*Prices do not include sales tax \*\*Prices subject to change without notice.

375-7181 HOURS:

Mon.-Sat.
5:30am-12mid.
Sun.
6:30am-12mid.

# THE ROCKETEER

THURSDAY, OCTOBER 15, 1992

Vol. 48, No. 41

MESA and INADS break

By Barry McDonald

Thursday, for the Missile Engagement Simulation Arena and the Integrated Naval Air Defense System facilities was the word "unique." And none of the speakers lessened the impact of the word by qualifying it with an adjective; rather they endeavored to explain how the facil-

"In an era of shrinking defense dollars, the award of two more major construction contracts (MESA, \$16.5 million and INADS, \$12.4 million) here at China Lake is evidence that the Weapons Division will continue to provide diverse capabilities for the future," RAdm. Newman said. "The Navy, Air Force, Army and other DoD agencies will all benefit from this one-of-a-kind Missile Engagement Simulation Arena."

He noted that the building of MESA will conclude consolidation begun 21 years ago, when the Naval Ordnance Test

New student rabbi

Jewish congregation welcomes Batsheva Gluckman to Station

### search nets pot

Command authorized inspections are regular occurrence

'History' of range is told; big party



Officials turn some dirt at **MILCON** building sites

ground in twin ceremonies

ost commonly heard during the speeches at the groundbreaking ceremonies, last ities were each, indeed, one of a kind.

RAdm. William E. Newman, Naval Air Warfare Center Weapons Division Commander, welcomed the crowd to the MESA site, just south of the Reutilization and Marketing Office warehouses on Iwo Jima Road at 11 a.m. He recognized Congressman Bill Thomas and Kern County Supervisor Roy Ashburn who joined ten NAWCWPNS and contractors' officials behind the lectern. The audience comprised a bus load of dignitaries and press from the Indian Wells Valley and various China Lake person-

Please see MILCONS, Page 8

10

MESA—Morning ceremony kicked off the day's events. From left, John Wunderlich, Gerry Schiefer, Sterling Haaland, Jerry Wrout, Saad George of the architectural firm of Burns and Roe Pacific Company, Congressman Bill Thomas, RAdm. William E. Newman, Supervisor Roy Ashburn, Bill Porter, Patricia Freeman of F2M, Inc., the construction contractors, Capt. Randy Williams and Capt. Douglas W. Cook turned the dirt at the Missile Engagement Simulation Arena groundbreaking.



INADS—After lunch at The Seafarer the entourage, some of them now experienced groundbreakers, headed up the hill. From left, Capt. Cook, Capt. Williams, Alex Bellen, John Whitmire of the architectural firm Anderson Debartolo Pan, Porter, Wrout, Vice-President Sid Pehrson and President Tom Miller of Metric Construction, Ashburn and RAdm. Newman did the deed at the Integrated Naval Air Defense System facility site.



### China Lake Calendar

### Friday, Oct. 16

•Marine Aviation Detachment car wash, 8 a.m. •SIGAda meeting, 11:30 a.m., China Lake Golf Course

### Saturday, Oct. 17

- •China Lake Challenge Softball Tournament, 8 a.m.
- •Navy Birthday Ball, 6 p.m., Hangar Three, Naval Air Weapons Station China Lake

### Tuesday, Oct. 20

 National Contracts Management Association meeting, 11:30 a.m., Farris' at the Heritage

### Wednesday, Oct. 21

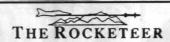
• Retired Officers Association meeting, 6:30 p.m. Carriage Inn.

### Thursday, Oct. 22

• Echo Range Quarter Century Celebration, 6 p.m., Seafarer Club

### Tuesday, Oct. 27

 China Lake Computer Society meeting, 11:30 a.m. El Charro



NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAdm. William E. Newman VICE COMMANDER Capt. Douglas W. Cook

DEPUTY COMMANDER FOR RESEARCH AND DEVELOPMENT

DEPUTY COMMANDER FOR TEST AND EVALUATION

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. B. J. Craig Jr.

Public Affairs Officer

Staff Writer Photographer TERRY PASCARELLA

Staff KATHI RAMONT Editor BARRY MCDONALD

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



# ommanding

The Commanding Officer'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 called in to 939-4127 or mailed to "CO's Desktop," C/O Code C08033, NAWS,

We have been told that janitors can't keep any of the soft drink cans. We normally set them aside and when they (the janitors) come in, they collect them off our desks. They say they can't do that anymore. They can't even keep their own. I understand MWR gets them. Is this true? If it is, why? It seems to me if I want to give my cans to a janitor, that should be my decision. I would like an answer. Thank

the right to keep it, recycle it or dispose of it as you see fit. As to the question of the janitors; during their work hours, Johnson Controls ianitors and refuse collectors are not allowed to remove Navy trash for their own personal use. To avoid possible misunderstandings, Johnson Controls has directed its employees not to collect and carry aluminum cans of a personal nature at the same time they are collecting "Navy trash." I appreciate and support Johnson Controls' method

program to recycle these cans. Once a can is deposited into the trash disposal system, the Station is required to actively recycle that can. Any revenue earned from the sale of aluminum cans will benefit

The Navy is required to meet federal and state recycling goals, so if you are not going to recycle the can(s) personally, I encourage you to place them in designated MWR containers or in the blue REPLAY boxes. If enough aluminum cans are generated in an area, we will supply separate containers so the beverage drips do not contaminate

speed limits at or about the intersection of Richmond Road and Ridgecrest Blvd. At the present, southbound traffic on Richmond Road enjoys a 50 miles per hour speed limit, with no warning of an abrupt speed change to 35 miles per hour just south of Ridgecrest Blvd. This, compounded by southbound lanes coming together on what the City of Ridgecrest contends is one lane, is just an accident waiting to happen. The City of Ridgecrest maintains they can't control your road structure on base, only theirs. What I suggest is a sign warning of reduced speed ahead to alert the southbound drivers crossing but not turning on Ridgecrest Blvd. Further, I suggest three lanes at that intersection — one turning left, one crossing to the south and one turning right only. It may prevent an accident in the future. Thank you.

Thank you for bringing this to my attention. Traffic southbound on Richmond Road is warned of a signalized intersection ahead and with that, the possibility of having to come to a complete stop. This results in a slowing of traffic as they near the intersection. Once traffic clears the intersection, they are then advised of the prevailing speed limit. The other issue you bring up is a valid one and has been corrected. The southbound lanes on Richmond Road, before the intersection at Ridgecrest Blvd. has been made into three lanes — one turning left, one crossing to the south and one turning right only. Thank you again

### **Pages From The Past**

October 15, 1992

### October 15, 1982

Demolition crews tore down one of the China Lake landmarks last week, the old Housing Building that welcomed many a China Laker to the desert. . . Vic Rehn plans to talk about the state of sci ence in Russia at an ASPA meeting on Oct. 26. . . Lt. Col Scott Smith, USMC, piloted ar NWC SAR helo search for los anglers in the Greenhorn Mountains. . . The Marine Corps Band will open the Community Concert season next week. . . NWC officials reported 2,417 wild burros have been removed from Center ranges

### October 13, 1972

AT1 Ray Davis was named NWC's Bluejacket of the Yea at the annual Navy League sponsored banquet last week. Oct. 18 is the date set from RAdm. Henry Suerstedt Jr. to take command of NWC from RAdm. W.J. Moran. . . Assistant Secretary of the Army (R&D) Robert Johnson will visit the Center on Monday. Bill Baker, chairman of the 1973 CFC effort announced the goal this year is \$80,000. LCdr. R.J. Spane reported to VX-5 to head the Air Warfare Office. . . John Dunker and Marty Shelton of TID were honored for a safety film "Man from Lox" by the Nationa Industrial Film Festival. October 12, 1962

Local United Fund leaders have set a \$40,000 goal for 1962. . . Dr. Harold Brown Director of Defense Research and Engineering leads a 30 man DoD delegation to tour NOTS. . . A China Laker since 1945 William E. Boyd of the Public Works Departmen retired at age 76. . . Freddy and Goldie Bowlin at 313-A Princeton won "Home Beauti ful" recognition. . . After much study, the NOTS Safety Department announced car already in the circle have the right of way on the Switzer Traffic Circle October 15, 1953

The 1952 Community Chest Drive got underway this week with a \$12,000 goal. Six new dorms on Blandy Ave are nearly ready, rent will be \$27 a month for a single room and \$21 each a month for two in a double room. . . ABAN Raymond Irons, 21, died in a NAF catanult accident last week Lewis Radcliff was elected to head the Employee Management Council at China Lake. . . Maj. Jack Gouldy is the new Air Force field repre sentative at NOTS. . . The NOTS Rockets were humbled in football by Pt. Mugu, 33-7.

### First class to start Jan. 11, 1993

# UCLA Extension will be offering 16 short courses

During the winter quarter starting early January, UCLA Extension is offering 16 short courses that may be of interest to defense engineers. All meet at the UCLA Extension Building, 10995 LeConte Ave., adjacent to the UCLA campus, 8 a.m. to 5 p.m. Course titles and dates

"Surveillance and Target Tracking: Algorithms and Real Data Applications," Jan. 11-15.

"System Engineering: Principles and

Practice," Jan. 20-22.

"Airborne and Spaceborne Radars: Surveillance, Tracking and Imaging," Jan 25-29

"Earth Remote Sensing," Feb. 1-5. "Aerospace Structural Systems: Preliminary Design Techniques," Feb. 8-12.

"Liquid Crystal Displays," Feb. 8-12. "Corrosion of Aging Aircraft," Feb.

"Intelligent Vehicle and Highway Systems (IVHS)," Feb. 16-19.

"Power Electronic Circuits: Design

and Application," Feb. 22-26.

"High-Resolution Microwave Imaging: Principles and Applications," Feb.

"Advanced Analysis and Design of Composite Materials and Structures," March 1-5.

"TOM in perspective: Implementing and Managing a Total Quality Effort," March 4-5

"Responding to the Voice of the Customer: Practical Applications of QFD," March 8-9

"Virtual Interface Technology (Virtual Reality)," March 15-17.

"Kalman Filtering," March 15-19.

"Airframe Structural Design," March

For a brochure detailing all winter quarter engineering short courses, call (310) 825-1047, FAX (310) 206-2815, or write: UCLA Extension, Engineering Short Courses, 10995 LeConte Ave., Ste. 542, Los Angeles, CA 90024.

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

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged (prepaid), PER ISSUE, as follo 1-20 Words... ..\$2.00 Fla

Fach additional word after 20 words. CLASSIFICATIONS LOST & FOUND HELP WANTED . SERVICES/SCHOOLS. RENTALS. REAL ESTATE BUSINESSES AUTOMOTIVE. MISC. FOR SALE PETS & SUPPLIES. GARAGE SALES ..

DEADLINE FOR ALL CLASSIFIED LINE

ADS IS 4:30 P.M. TUESDAY

### 1 PERSONALS

BACK TO SCHOOL SPECIAL for children ages 6-16. Valid until November 1, 1992 Two cavity detecting X-Rays, tooth cleaning & flouride \$25 Dr. Kirk Hoffner DDS 133 E. California, 375-3988. (1027)

DAY - LOVE EDDY

**REWARDS! Start your own Discovery** Toys business with only a \$35 investment Call Cheri 375-8155 (1029)

### 12 CHURCHES

free from addiction? Jesus Christ wants you free! Come to Shekinah Fellowship 1411 N. Downs. Sunday 10:30 or call 375-3520 for prayer, (1029)

375-1439. Lic. #427485. (1014)

pedia set. Outstanding for school age children, Reasonable priced, Excellent quality, Financing available. For more information

exchange for donation to Baby Melzark. Volunteers welcome! Call for apot. AS2 Kwan or AK1 Escano at 446-7741, (1022)

call Cheri 375-8155. (1029)

### **20 RENTALS**

1BR - PRIME LOCATION. 1 block to Towne Centre. Quiet, xInt cond., recently refurbished. Free W/T/Cable (worth \$27.83/mo.) makes \$350/mo. affordable. 375-5425 or 371-1407. 718 N. Sanders.

ROOMMATE WANTED to share Ig, beautiful, 2BR/2BA condo. (BR unfurnished). Kitchen & laundry privileges. \$250 includes utilities, 384-4833. Please leave a message. (1015)

FREE or close to it on this nice large 1BR apt. W/T pd. All major appliances, carpet drapes. Reduced to \$295/mo. + military & senior discounts. \$250 sec. 446-0456 or 377-5960. (1105)

2BR APT. UPSTAIRS. Sm yard & balcony. D/W, G/D, fridge, gar. \$425/mo. Also will have 3BR apt. Call Dave at 384-3283.

HERITAGE VILLAGE TOWNHOME. 3BR 3 full BR, dbl. gar. \$875/mo. incl: D&D, frig, builtin stove M/W, D/W. With lease + \$25/mo. extra add use of pool, spa, clubhouse, tennis. Avail. about Dec. 1. No smokers. Req. \$300 sec. dep. Call/lv msg:

### 25 REAL ESTATE

4833. (1015)

### **35 AUTOMOTIVE**

1982 CADILLAC FLEETWOOD BROUGHAM Pickup Conversion. Original interior, 4 door, AM/FM cassette, climate control, A/C, power front bucket seats. Has camper shell & cover tarp with Cadillac emblem. \$4250 OBO. 446-3888. (1022)

91 HONDA ACCORD EX. Loaded, \$13.25K 446-3811 (1015)

### **40 MISC. FOR SALE**

SINGER FREE-ARM SEWING MACHINE WITH CABINET. Like new, has lots of different stitches and buttonhole attachment. New \$350, now \$200 OBO. 446-3888. (1022)

UNISEX BABY BEDDING & LAMP for sale. Peach & blue w/rocking horses & teddy bears. Comforter, bumper pad, dust ruffle, rocking chair pad, matching lamp & wall hanging. Will sell as set or by piece. Make offer, 446-1901 anytime, (1022)

TUXEDO SIZE 40 regular, xInt. cond. husband too large! \$75, 371-2240, (1015) ALL NEW 3 PC. OAK BDRM. SET w/mirror, 2 oak w/tinted glass end tables, \$250 OBO, 446-0189 after 12:30. (1015)

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**40 MISC. FOR SALE** 

mirrored headboard. Sears mattress, good cond. \$250 OBO for all. 377-4419. (1126)

### **45 PETS & SUPPLIES**

AKC COCKER SPANIEL PUPPIES - \$100 each, 446-0379, please leave message

BABY COCKATEILS - \$20 and up. You can hand feed or I will. 377-4419. (1126) POT BELLIED BACK & WHITE mini registered male & female piglets. Five at \$250-

4 SALE BLACK CHOW CHOWS, 6 weeks, 2 male, 1 female, purebreed, no papers. Call Jeanne 446-8614. (1022)

### **50 GARAGE SALES**

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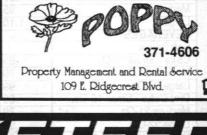
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# **IWV Concert Association seeks season subscriptions**

sought by the Indian Wells Valley Concert Association. Each subscription saves the purchaser 60 percent of the price on six concerts and provides reserved seats. In addition, voting membership in the association is conferred to holders of one or more paid season tickets (must be at least 14 years of age).

Prices are \$24, \$29 or \$34 for the entire season, depending on seat location. Reduced rates, about one-third off, apply to full-time active-duty military personnel and their dependents, to persons 65 or over and to persons under 21.

To order tickets, just call 375-5600. Place your order and select your seats. Then mail in the check. MasterCard and Visa credit cards are also accepted. Tickets will be mailed to all paid subscribers 10 days before the first concert, which is slated for Thursday, Oct. 29.

On that date, Karpatok will perform a Hungarian Folk Ensemble in the Naval Air Weapons Station China Lake Theatre, beginning at 7:30 p.m. In a dazzling display of costumes, Karpatok will perform traditional dances, songs and music from throughout Eastern Europe's Hungarian settlements. Two student programs will be given by a subgroup of the full ensemble on Wednesday, Oct. 28, and Thursday, Oct. 29 at the theatre.

Single admissions, unreserved seating only, will be sold on a space-available basis, starting about 10 days before the concert (Oct. 19). Seats not sold for the season, plus those released by subscribers unable to attend the perfor-

mance, will be tagged "unreserved" for use by single-ticket holders. Single prices are \$10 each (general admission) or \$7 each in the reduced-rate categories listed above.

Other concerts scheduled for the season include: Wednesday, Dec. 2, William Graham in "Cole Porter: One of a Kind;" Tuesday, Jan. 19, Arcangeli Baroque Strings; Monday, Feb. 8, Hambro Quartet of Pianos; Thursday, March 11, Harps International; and Wednesday, April 28, All-American Boys Chorus.

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### THE ROCKETEER

# Former China Lake project officer, RAdm. Lockard to speak at Navy Birthday Ball

eatured speaker at this year's Navy birthday ball is Rear Admiral John 'Spider' Lockard. The admiral is a native of Mobile and was raised in Chickasaw, Ala. After two years at East Central Junior College in Decatur, Miss., he joined the Navy's Naval Aviation Cadet Program. He

began flight training in June 1964, graduating from NAS Kingsville in February 1966.

He reported to VA-125, NAS Lemoore for A-4 Replacement Pilot training followed by his first operational assignment with VA-112 completing two WESTPAC combat cruises aboard USS Kitty Hawk (CV-63).

He was Attack Weapons Project Officer for 18 months at NAF, China Lake prior to earning his Bachelor of RAdm. John A. Lockard Science Degree in Aeronautical Engineering from Naval Postgraduate School, Monterey in 1971.

After completing A-7 transition training with VA-125, NAS, Lemoore he was assigned to VA-215 where he completed his third combat WEST-PAC cruise aboard USS Oriskany (CV-34) and logged his 332nd combat mission.

In 1974 he attended the Command and Staff course at Naval War College, Newport. After graduation he served with the F/A-18 Class Desk, NAVAIRSYSCOM until June 1978 when he reported as Executive Officer, VA-122, NAS Lemoore. He served as Executive Officer of VA-25 in March 1979 and assumed command of the "Fist of the Fleet" in July 1980.

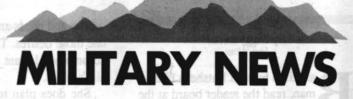
Following his command tour, he reported to COMNAVAIRPAC Staff as the Light Attack Training Officer. In September 1982 he moved back to NAS Lemoore for F/A-18 transition and assumed command of the VFA-125 "Rough Riders" in October 1983.

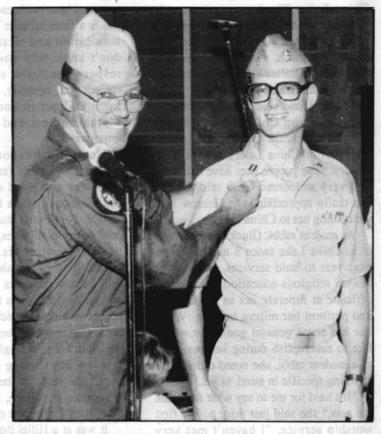
> He detached in December 1984 and reported as Executive Officer USS Coral Sea (CV-43) where he served during the Libvan Operations of April 1986. He transferred back to NAVAIRSYSCOM in August 1986 serving as the F/A-18 Program Manager until June 1990 when he assumed duties as Assistant Commander for Systems and Engineering.

In January 1991 he was assigned to the Assistant Secretary of the Navy for Research, Development and Acquisition as the Program Executive Officer for

Tactical Aircraft Rear Admiral Lockard's decorations include the Legion of Merit, Distinguished Flying Cross, two Meritorious Service Medals, three Single Action Air Medals, 30 Strike/Flight Air Medals, two Navy Commendation Medals with Combat "V", Navy Achievement Medal, Presidential Unit Citation, Navy Unit Commendation, Meritorious Unit Commendation, and the Vietnamese Cross of Gallantry.

Rear Admiral Lockard is married to the former Peggy Cantrell of Santa Rosa, CA. They have four children, daughters Denise, Karen and Kelley, and





LEAVING WHILE HE'S AHEAD, Lt. Brian Abel, outgoing Food Services and Billeting Division head was frocked to his new rank by Capt. B.J. Craig, NAWS CO, at the Hail and Farewell party held Oct. 1 at the Community Pool Patio. The lieutenant's wife, Helen, assisted in the ceremony. The Abels are now headed for their next duty station with USS Tripoli, homeported at San Diego.

# Joint Ethics Regulations replace those of services

When DoD's new Joint Ethics Regulation takes effect next year, it will replace existing rules written by the separate services and DoD agencies.

"Our goal is to create a single, uniform document for all of DoD-military and civilian employees-to use as guidance in standards of conduct and ethics," said Randi E. DuFresne, a senior attorney in DoD's Standards of Conduct Office. She heads the committee drafting the regulation.

DoD's new regulation will include the Office of Government Ethics' Standards of Ethical Conduct for Employees of the Executive Branch, published in the Aug. 7 Federal Register and scheduled for implementation Feb. 3, 1993.

The Office of Government Ethics' regulation puts in force 14 principles of ethical conduct contained in a 1989 presidential executive order. The order directed that office to develop a single set of standards "to replace more than 100 different and often conflicting agency regulations."

"The rule addresses a broad range of

ethical concerns, including gifts from outside sources, financial interests and circumstances presenting an appearance of impropriety," President George Bush said on Aug. 6. "It also provides guidance to employees who are involved in activities outside their government jobs or who are seeking other employment."

"For the past 26 years, employees of the Executive Branch have been governed by a jumble of differing and sometimes-conflicting agency-specific conduct regulations," said Stephen D. Potts, director of the Office of Government Ethics. "Now, employees will have one source of written guidance for ethics questions that arise because of federal service. The regulation is more compre hensive than the agency-specific rules."

DuFresne said DoD's implementing regulation will set forth rules for DoD employees in several areas, including travel benefits, participation in nonfederal organizations, political activities, postgovernment service employment and ethical conduct. The only Defense-specific section in the DoD regulation concerns employment disclosure, she said.

"We'll also be pulling together topics from separate OGE regulations into DoD's regulation," DuFresne explained. "We'll have a section on conflicts of interest, financial disclosure and outside activities—each containing guidance from the Office of Government Ethics."

DoD and the government ethics office guidelines prohibit all federal employees from holding financial interests that conflict with performance of their duties. Employees also may not exploit inside government information, use public office for private gain or use government property for unauthorized

Neither ethics regulation addresses honoraria-including payment for outside writing, DuFresne noted. The Office of Government Ethics decided to leave that subject to Congress or the courts. "We (Dod) think the law is going to change, so we don't see much point in dealing with it right now," she said.

Federal employees cannot accept honoraria for speaking engagements or writ-

ing articles while the Justice Department appeals a court decision to rescind the law, DuFresne said. However, there are some exceptions. For example, she said, three speeches on the same subject constitute a class, and an honoraria for conducting classes is not prohibited. But government employees generally can't write nonfiction and get paid for it.

Commissioned officers fall under the government ethics office guidelines, but noncommissioned officers and lowerranking enlisted personnel do not. DoD officials, however, expect the department's regulation to make all rules applicable to all DoD personnel.

Government ethics rules don't specifically address federal employees' participation in private and professional associations, but DuFresne expects DoD's regulation to include those topics.

Next year, DoD will brief all military and civilian employees on the new rules. Every DoD ethics counselor will receive copies of the regulation along with training material for employees, DuFresne said.

October 15, 1992

### Jewish congregation welcomes Batsheva Gluckman

By Peggy Shoaf

Baruchim habaim Batsheva Gluckman, read the reader board at the Naval Air Weapons Station China Lake. The banner, written in Hebrew, was the Jewish congregation's welcome to their new student rabbi, Batsheva Gluckman, who arrived onboard Sept. 18. Translated, baruchim habaim means welcome newcomers.

In her second year of studies with the Hebrew Union College Los Angeles campus, Gluckman said she is happy to be a part of China Lake's Jewish community. "The people here have made me feel very welcomed," she said, adding she really appreciated the Hebrew sign welcoming her to China Lake.

As student rabbi, Gluckman will travel to China Lake twice a month for the next year to hold services, oversee the Jewish religious education curriculum, officiate at funerals, act as a counselor and perform bar mitzva training. While she has some general goals she would like to accomplish during her year here as a student rabbi, she noted didn't have anything specific in mind, as yet.

"It's hard for me to say what my goals are now," she said just prior to her first worship service. "I haven't met very many people and I don't know what the community (Jewish) wants, what their

desires and needs are. I am here to facilitate those desires. That is what I want to accomplish. I want to meet the community's needs."

She does plan to continue the close rapport the Jewish and non-Jewish communities have with each other. She said she is a firm believer in interfaith communication and relations. "If people don't know who you are, they can't respect you," she said. "They will respect you, however, if you share with them and get to know one another. Mutual respect and support is very important."

Her ultimate goal, once she is

ordained as a rabbi (at least right now), is to work at a Hillel on a college campus. Gluckman said a Hillel is like a fellowship for Jewish students, where they hold worship services, religious education and social events. College life is a critical time in Jewish lives, Gluckman said, because students are leaving home and making decisions for themselves decisions such as which values taught at home they want to keep and which ones they don't feel strongly about. "I think this is a key turning point in peoples lives," she said. "If they have a positive experience in college, I think they were carry it on for the rest of their lives."

It was at a Hillel that Gluckman realized she wanted to follow her father's footsteps and become a rabbi in the reform movement. "I think it was always a latent idea," she said. "I grew up very closely in the rabbinical environment and I know all the ins and outs of it. I never felt uncomfortable by it (the rabbinical environment), so I think the desire to become a rabbi might have been there all along. I just had to discov-

When describing how her father felt about her becoming a rabbi, Gluckman said simply, "It's a great joy." But, she added, he is proud all his children are doing good. Gluckman has one brother who works for the Navy in Philadelphia and another who is studying physics.

While Gluckman says it is different for the daughter to follow in her father's footsteps, it is becoming more and more common that women are choosing the rabbicant. Half my class are women, she said. It is becoming more and more socially acceptable.

It was different in Israel she admits. All Hebrew College student rabbis spend their first year in Israel she said. And because the reform movement is still in its infancy there, with only a small group belonging to the movement, it was difficult for her, being a woman.

"The way I see it," she explained,
"there is a very strong orthodox presence
there. For Israelites, a lot of times they
don't see reform as a choice, a) because
it's not visible and b) their ancestors



Batsheva Gluckman

were orthodox and if they practice, they are going to do it the orthodox way. It is not in their field of vision to see women performing and leading Jewish services. Generally, it is more of a sexist society, very male dominated."

But that didn't discourage her, Gluckman said. While it wasn't something she could overcome, she received satisfaction knowing she was educating other people about the reform movement. "I think it was important for me to be there, event though it wasn't very encouraging," she said. "It was important to tell people who I was, what I was doing and why."

She will carry that philosophy in her duties as a rabbi.

# Marines hold car wash this Friday, 8 a.m.

Members of the Marine Aviation Detachment at the Naval Air Weapons Station China Lake are hosting a car wash Friday, Oct. 16 from 8 a.m. to 4 p.m. in the MAD parking lot (corner of Nimitz and Lauritsen). The cost is up to you. "Let your conscience be your guide," said one spokesperson.

While getting the car washed, enjoy coffee and a doughnut for only 50 cents or a hot dog and soda for \$1.

# DeCA acting to clean up environment

Commissary Agency is targeting ozone-depleting refrigerants for removal by 1995

Fort Lee, Va. — The Defense Commissary Agency is acting to remove banned ozone-depleting refrigerants from commissary equipment by the end of calendar year 1995, reports an official from the Directorate of Facilities.

Leland Schneider, chief, Mechanical Systems Branch, said, "DeCA is actively supporting Secretary of Defense Richard Cheney, who, in 1989, said he wanted the Department of Defense to become the federal leader in environmental compliance and protection."

Until the middle of 1990, refrigeration systems for commissaries (and commercial supermarkets) were designed using chlorofluocarbon (CFC) - 502 (R-502) and CFC - 12), which

damage the earth's ozone layer. Hydrochlofluorocarbon (HC)

Hydrochlofluorocarbon (HCFC) - 22 (R-22), which is less damaging to the ozone layer, will be used by DeCA until a better refrigerant is developed.

DeCA is designing all of its refrigeration systems in new commissaries using HCFC-22 as the refrigerant. Alteration/addition construction projects involving refrigeration systems will include substitution of the HCFC-22 refrigerant.

Beginning with fiscal 1992 (September), DeCA will initiate projects to replace existing CFC-12 and CFC-502 systems. Projects will be prioritized on a "worst-needed" basis and are estimated to be completed by December 1995.

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

Phone 939-3506, 939-2773 and 939-2873

# All Faith Chapel Services

2:00 - 5:00 p.m.

10:00 a.m. - noon

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

Protestant

Sunday Worship Service, East Wing 8:00 a.m.

Sunday Worship Service, Main Chapel 10:30 a.m.

Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.

Bible Study (East Wing), Wednesday
(September thru June) 11:30 a.m.

Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.

Officers' Christian Fellowship/Christian Military Fellowships,
East Wing, Thursday 7:00 p.m.

Jewish (446-4152 Messages)

All activities held in the East Wing
Weekly Services, Friday 7:30 p.m.

Hebrew Classes, Saturday (October thru June)

Adult Education, Saturday (October thru June)

Religious School, Sunday

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



The Cerro Coso Community College Fine Arts Gallery is featuring artist Christopher Terry through October 29. The Cerro Coso Community College Fine Arts Gallery is open to the public Mondays through Thursdays from 9 a.m. to 9 p.m. and on Fridays from 9 a.m. to 4 p.m.

Community Connection for Child Care will sponsor an Anti-Bias Curriculum workshop Thursday, Oct. 15, from 6:30 to 8:30 p.m. at its office, 237D W. Ridgecrest Blvd. Parents, teachers and child care providers are invited to attend the workshop. Discussion will include topics such as teaching children how to talk about the differences between people while encouraging a respect of diversity. To register, call Community Connection at 275 2224

# # #

"The Mojave: Images and Memories," an exhibit by Artist Eda Svanhild Davis, opens at the Sylvia Winslow Exhibition Gallery of the Maturango Museum Oct. 17. The show will continue through Nov. 11. Davis is well known for her finely detailed renderings of animals and nature. Admission is \$1 for adults and 50 cents for children. There is no fee for museum members.

# # #

On Oct. 17 and 18, the Kern County Boat Club and National Jet Boat Association will be conducting drag boat races at Lake Ming. The lake will be closed to all public use, including fishing, on these days and will reopen on Monday Oct. 19. The drag boat races are open to the public. Admission will be charged.

# # #

Len Light will talk about "A Historical View of Esthetics From a Philosophical Perspective," during a lecture Oct. 21 in Room 170 of the Art Department Building of the Cerro Coso Community College. The lecture begins at 6:30 p.m.

On Oct. 24, the Maturango Museum will hold its 14th annual Maturango Junction at Kern Regional Park from 7 a.m. to 7 p.m. There will be a gigantic two-day Garage Sale Oct. 23 and 24); local food and craft booths; a sanctioned fast draw competition; a horseshoe tournament; a vintage, classic and special car show; and a chili cook-off contest. Plus, there will be on-stage entertainment throughout the day. The event begins at 7 a.m. with a Kiwanis Club Pancake Breakfast and a flag raising ceremony at 9 a.m. Drawings will be held throughout the day. Grand prizes, including two round trip tickets to San Diego from American Eagle, a man's petroglyph denim jacket by Carol Wilcher; a hand woven tote bag by Jo Downing, a decorative wire bird cage by Homegrown Crafts, an original hand made vase by Lois Hinman and a Southwest necklace by Jackie Pierce will be given out at 7 p.m. Winners of the grand prizes need not be present to win. Tickets for the drawings may be obtained from the Museum, the Chamber of Commerce, Benchmark Cable or Cookie Express for \$1/1 or \$5/6 donation.

# #

On Saturday, Oct. 31, and Sunday, Nov. 1, San Joaquin Community Hospital and other area businesses will hold a Hot Air Balloon Festival to raise money to build an emergency treatment facility at the Bakersfield hospital. On both days, approximately 40 hot air balloons from across the country will fill the Bakersfield sky after launching from Cal State, Bakersfield, near the tennis courts. The balloonists will compete in a number of activities. Vendor booths will be available at the launch site and entertainment will be provided during and after the launch. Vendors and volunteers interested in joining the activities are encourage to call Yvonne Pinal, balloon fest coordinator, at (805) 631-9284.

# # #

Children of all ages are invited to participate in a costume parade sponsored by the Maturango Museum during Maturango Junction on Oct. 24. Entrants will line up at 10 a.m. in front of the Children's Activity Booth near the museum and weave around the booths at the Kern Desert Regional Park, finishing up at the activity booth. For more information, call the museum at 375-6900.

# # #

Sylvia Winslow Exhibition Gallery of the Maturango Museum will host "Familiar Thoughts," an exhibit featuring the whimsical ceramic sculpture of Betty Spindler from Nov. 14 through Dec. 8. A preview reception will be held Friday, Nov. 13, from 7 to 9 p.m. for museum members and their guests. Admission to the museum is \$1 for adults and 50 cents for children. There is no fee to members.



# Jeffrey Gunter, M.D.

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

is now in

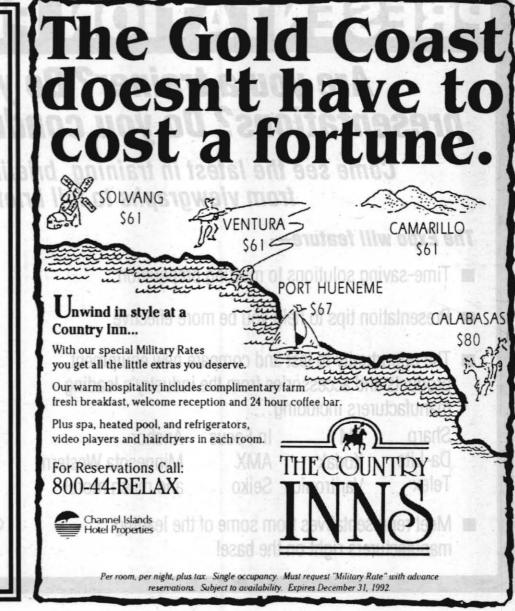
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Anglers who have been putting off that fishing trip for a better time need to remember there is only a couple more weeks of the general trout season, which closes at the end of this month

Fishing at Big Pine Fishing at Big Pine Creek has been excel-Creek has been excellent lent lately. Anglers are lately, with anglers catchcatching pan-size raining pan-size rainbows with bows by using salmon eggs and worms. The salmon eggs and worms. Owens River has been producing two to three-

pound rainbows. Night crawlers are having the best results.

While fishing at Lake Sabrina and South Lake, use yellow and green power bait, crickets or black with yellow polka dots Panther Martin lures. Mosquito flies have been working very well in the mornings and late evenings. At North Lake, flies are recommended. If fishing on the river, try crickets in the mornings or evenings to catch German Brown

Action has been pretty good at Rock Creek for those using worms, night crawlers and power bait. Anglers are catching their limits.

Convict Lake has been producing

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nice size browns and rainbows lately. For the browns, trollers have to go rather deep. Try gold or silver flat fish and lead core line eight to nine colors deep for best results.

Crowley Lake is slowing down, but float tubers are still having luck at the

In the Mammoth area, use power bait, night crawlers, little Cleo's or Kastmasters

and olive matukas at Lake George. At Lake Mary, night crawlers, power bait, jake spinners, Thomas Boyants or flashers with a night crawlers are recommended. Night crawlers, power bait, salmon eggs, Thomas Boyants, cripplers, rooster tails, olive matukas or wooly buggers seem to be working at Lake Mamie, while power bait, night crawlers, hot shots, floating rapalas, Thomas Boyants, olive matukas or wooly buggers are being recommended for Twin Lakes.

Mornings and evenings are seeing the most action in the June Lake Loop. Try salmon eggs or night crawlers and lures for the best results. If trolling, use rapalas or needlefish.

### Lake Ming now open for fishing

Kern County Parks Department staff announce the opening of the fall and winter fishing season at Lake Ming. Fishing season opens Oct. 1 and closes March 31 each year.

The lake is popular for bass, bluegill, and crappie fishing. Fishing is permitted from the shore only.

A valid California Fishing License is required, and no other fees are

charged. The lake is open for fishing from 8 a m until sunset

The lake closes to fishing during special events. Fishing closures are scheduled during boat race on Oct. 3, 4, 17, 18, and Nov. 20, 21 & 22.

Lake Ming is located off of Highway 178 and Alfred Harrell Highway. northeast of Bakersfield.

### Navy's Blue Angel Marathon will take place Feb. 27 in Pensacola

On Feb. 27, the Navy's 10th Blue Angel marathon will be run in Pensacola, Fla. The course starts on the Pensacola Naval Air Station, winds it way through the city and back to the air sta-

Individual runners and teams are welcome to enter the race. Everyone who enters will receive a t-shirt; finishers will also receive a medal. Cost is \$18 for those registering by Feb. 24, \$24 between Feb. 24 and race day and \$30 on race day.

In addition to the marathon, a fivekilometer run is also scheduled. Entry fee is \$12 through Feb. 24, \$15 between Feb. 24 and race day and \$20 on race

For an entry form, call commercial 1-904-452-2159 or DSN 922-2159.

### Gymnasium has skiing equipment for rent

Planning winter fun yet? Before going out and buying those expensive skis and equipment, check out what the Naval Air Weapons Station China Lake Gymnasium has. Equipment available

for rent includes trailers, boats and pull equipment, and skiing and camping

For a complete list of items, and their prices, call 939-2334.

# Las Flores CFC #6014

### Variety of meetings set for October

### Reservations required for NCMA and ROA meetings

### China Lake Computer Society

October 15, 1992

Oct. 27, 11:30 a.m., El Charro Avitia

John P. Francis will discuss "C & C++: Who on Earth is Using Them and Why?" during the China Lake Chapter Computer Society meeting set for Tuesday, Oct. 27. The meeting, being held at El Charro Avitia, will begin with lunch from 11:30 a.m. to noon, followed by the program from noon to 1 p.m.

C++ is an object-oriented language based on the syntax of the C language with the added benefit of the class object type. This is a language that has become an industry standard. Francis will discuss the why and what makes this language so popular, both to the software "hacker" as well as the software engineering. Francis will also discuss if this is just a fad or a logical progress in software tool evolution.

### **National Contracts Management Association**

Oct. 20, 11:30 a.m., Farris' at the Heritage
Mark Reardon will discuss "The Rolls of the Board

of Contract Appeals" during the Ridgecrest/China Lake Chapter of the National Contracts Management Association meeting set for Oct. 20.

The luncheon meeting will be held at Farris' at the Heritage, beginning at 11:30 a.m. The menu is a tostada bar. Cost is \$7.50 per member, \$8.50 per non-member.

Reservations, which are required no later than noon on Oct. 16, may be made by calling Sandy Madeleine at 499-5945 or Bruce Emerson at 499-5970.

### **Retired Officers Association**

Oct. 21, 6:30 p.m., Carriage Inn

Captain B.J. Craig, Commanding Officer of the Naval Air Weapons Station China Lake, will be the guest speaker at the Indian Wells Valley Chapter of the Retired Officers Association meeting set for Oct. 21. The meeting, held at the Carriage Inn, will begin with a social hour at 6:30 p.m., followed by dinner at 7 p.m.

Reservations, which are required, may be made by calling D. R. McMillan, 375-8151.

Oct. 16, 11:30 a.m., China Lake Golf Course Tom Roseman will discuss his recent visit to the

Software Engineering Institute in Pittsburgh, Penn., during the local chapter of the Association for Computing Machinery Significant Interest Group for Ada meeting set for Friday, Oct. 16. The luncheon meeting, set for the China Lake Golf Course, will be held from 11:30 a.m. to 12:30 p.m.

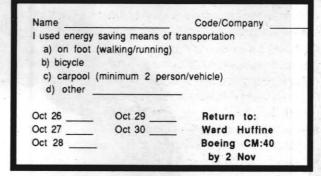
SIGAda meetings are a forum for those involved in Ada programming language projects. Anyone interested in the Ada programming language or other associated software development is invited to attend the meetings.

Monthly meetings are usually held the second working Friday of each month.

For future presentation ideas or discussions, call Dave Bower at 927-1224; Neil Degregorio, 499-5076; John Hammack, 939-0671; Linda Roush, 939-5575; or Tom Roseman at 939-4812.

# Wellness

A different way to participate in this year's China Lake Challenge is GET TO WORK. Sponsored by Boeing, GET TO WORK is a way to encourage non traditional ways of commuting during the week before the Challenge, Oct. 26-30. The commuter must use a means of transportation to work, other than being a single operator of a motor vehicle. Alternate means of transportation include but are not limited to: a) on foot (walking/running); b) bicycle; c) car pool (minimum 2 persons/vehicle); and other (any other method which is a viable means of transportation i.e. in-line or roller skates, human powered vehicle, etc.). Your department/company will receive one point if you use an energy savings means of transportation once, 2 points for using an energy savings means of transportation more than once. Send in the coupon below to Boeing CM:40, Ward Huffine, 499-5022 by Nov. 2.



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Complete system with 256K cache, separate I/O-bus clock, socket for Weitek 4167 coprocessor, true 50MHz 486 CPU & chipset, 1:1 120MB super-high performance\* hard drive, 4MB RAM, one parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024x768x256colors 1MB VGA monitor & card, Microsoft-compatible mouse, enhanced keyboard, Windows 3.1, MS-DOS 5.0. Nohassle 3-year parts & labor warranty on entire system. Add a CD-ROM drive for \$249. Local Bus version & local bus cards available for all our 486 systems. Economy systems avail.



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MS-DOS 5.0, & much more. Your choice of case: Computer Store high-end tower, standard tower, baby tower, desktop. No-hassle 3-year parts & labor warranty.



Open Season for the Federal Employees Health Benefit Program (FEHB) will start Nov. 9 and run through Dec. 14. During this time, all eligible employees will be able to change insurance plans or enroll in a plan, if not currently enrolled.

Plan comparison charts will be distributed to all employees as soon as they arrive in the Human Resources Department. The plan comparison charts compare all plans available including price, coverage, and deductibles. Brochures on the specific plans will be available the first week in November.

If you are interested in changing plans, the Health Benefits Fair will be held Monday, Nov. 9, 1992. It will be located in the NAWC Training Center, Room 107, from 8 a.m. to 3:30 p.m. Representatives from most of the health insurance plans will be on hand to provide you with 1993 brochures, information, and to answer any questions you

have about their plan

The National Treasury Employees Union (NTEU) will not be participating in FEHB next year. If you are enrolled in this plan, you will need to enroll in a new plan during open season. Only feefor-service plans will be available this year, HMO's are not available in this area yet.

To change or start your enrollment, please come to the Human Resources Department, located on the corner of Knox and Blandy. Proceed to Room 100 where an assistant will pull your Official Personnel Folder (OPF) and direct you to the appropriate Personnel assistant to assist you with your enrollment. All changes made during open season will become effective on Jan. 10. You will receive information and an I.D. card for your new plan in the end of January. Claims incurred this year, with your current health insurance plan, can be filed no later than Dec. 31, 1993.



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72†	9.00%	8.50%	
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### Ten teams battle it out in flag football through December 11

lag football began last night (Oct. 14), noted Karen Rivers, manager of the Naval Air Weapons Station China Lake gymnasium. From now through Dec. 11, 10 teams will battle it out Wednesdays and Fridays during games set for 5:30 and 7 p.m. on Schoffel Field. On Wednesdays, an extra game will be played at 8:30 p.m.

On Dec. 16, the first and fourth place teams will face off at 5:30, while the second and third place teams will fight

for the right to go to the "Super Bowl" at 7 p.m. The championship game is set for Dec. 18.

THE ROCKETEER

Rivers noted the 10 teams are made up of military and DoD personnel and private citizens, as Ridgecrest doesn't yet have flag football competition. Each team is limited to a maximum of 25

Rivers invites all China Lakers to come out and support your favorite



Jazzerstep with Karen Botham, a franchised instructor, on Tuesdays and Thursdays at the Naval Air Weapons Station China Lake Gymnasium Annex. From 6:30 to 7:30 p.m., jazzerstep your

Acquacize, a water exercise program classes will be held at the indoor pool every Tuesday. Wednesday and Thursday from 9 to 10 a.m. or 5:15 to 6:15 p.m.

To learn more about either class, call



SECOND PLACE — The Pine Riders felt they put on a good show during the fifth annual Softball Classic Fall Coed Tournament, coming in second to the Bohicas. Team Captain YNSN Dustin Miller gives the second place trophy to Capt. Garth VanSickle, commanding officer of Air Test Evaluation and Squadron Five, while the rest of the VX-5 team watched. Team members included Lt. Andrew Gagnon, SM2 Gregory Shattuck (MVP), AN Andrew Shelke, Colleen Keller (MVP), ATC Patrick Nisley, AT3 Paul Atkinson, AN Kristine Moore, Ens. Romelda Sadiarin, Capt. Frank Kelley and AN Karen Kinzer. Team members not shown include RM2 Chris Noble, Lt. John Lawless, AN Darryll Alexander and Tracy Kelley.

### MWR's golf tip for the month of October

When you are in the water, there's one simple rule for considering "splashing out" of the water. Can you get the ball on

If not, it's not worth the risk. Suppose your tee shot on a par three finds a creek

in front of the green. If the ball is partially submerged at the edge of the water, that's a good lie for playing the shot. If the ball is submerged, don't risk the chance of leaving it in the water. Take a

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# Main gate drug bust nets 2.8 pounds of marijuana

On Sept. 20, 1992, at approximately 6:30 p.m., a command authorized vehicle inspection at the Main Gate of Naval Air Weapons Station China Lake turned up a cache of illicit drugs. The last vehicle to be stopped during the hour long inspection was a pick-up truck containing two individuals, both of whom were under 21 years of age. The passenger was in possession of an open container of an alcoholic beverage (for which he was later cited) and the driver was cited for allowing the open container in the

When the officers made contact with

the driver they found more than just an open container violation. Emanating from within the vehicle cab area was a very strong odor of raw marijuana. Further investigation revealed 2.8 pounds of marijuana, some of which was packaged for sale. The passenger was arrested for possession of marijuana for sale, transportation of marijuana for sale, and possession of a powdery substance believed to be methamphetamine. The passenger was booked into the Ridgecrest substation of the Kern Country jail. The driver was later charged with possession of marijuana for sale by

the Kern County District Attorney's Office. The Naval Investigation Service assumed the investigative jurisdiction over this case

Command authorized vehicle inspections are conducted regularly aboard NAWS China Lake. These inspections are mandated in OPNAVINST 5530.14B (the Navy's Loss Prevention Physical Security Manual) and are conducted by the China Lake Police. The locations, direction of travel and randomness of the search, are established by the commanding officer of the installation, or his designee, by direction.

All persons who enter upon Navy installations are subject to be searched (this includes the person, items in their possession and their vehicle). The command authorized vehicle inspection is conducted primarily for the discovery of misuse, or theft of government property. Sometimes, however, as in this case, other crimes are discovered and will be

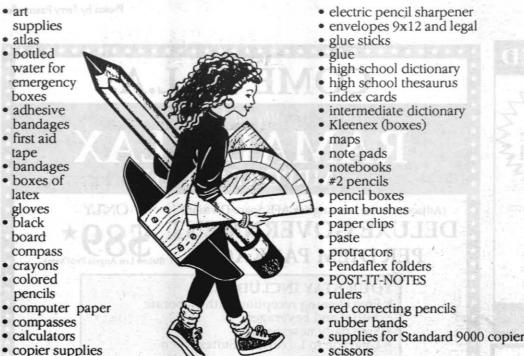
Although random vehicle inspections may occasionally cause temporary inconvience, these inspections are a critical tool in assuring the safety and security of base residents and employees.

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- paint brushes paper clips paste
- protractors Pendaflex folders POST-IT-NOTES
- rulers pencils · red correcting pencils · computer paper rubber bands
- copier supplies · chalk
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crayons

colored

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Bring items to any Ridgecrest NWC Community Federal Credit Union branch. 700 S. China Lake Blvd. • 1323 N. Norma • 1115 King Ave.



### **NWC Community** ederal Credit Union

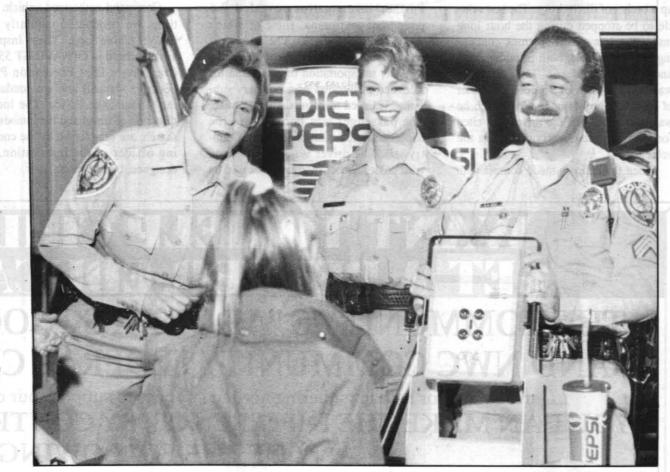
"The Communities! Choice"

# China Lake participates in fair activities

Law Enforcement Division provides identification cards to local children



and officers Kathy Ochs and Peggy McCurdy try to get one of the children posing for an ID picture to smile. Above, Officer McCurdy helps another youngster with the finger printing process. Other Naval Air Weapons Station China Lake law enforcement officers helping out at the fair included Officer Patty Saylor, Petty Officer Travis Edwards and Officer Dusty Guy.





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\$2,095

FREE T-SHIRT—Susan Hennigan displays a flyer she designed requesting volunteers to help out with the 1992 Naval Air Weapons Station Triathlon. All volunteers will receive a T-shirt for their participation. Without volunteers the triathlon risks being

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66MHz 486 Workstation \$2,095

NEEDED: Volunteers to aid triathlon athletes

Lack of help could cancel upcoming event

uccess of any big sporting event depends upon volunteers, noted Karen Rivers, manager of the Naval Air Weapons Station China Lake

Gymnasium. And the potential success of the 1992 NAWS China Lake Triathlon also lies with the volunteers.

All volunteers will receive a free 1992 NAWS China Lake t-shirt as a thank-you for their time, Rivers said. To volunteer, just call 939-2334.

AC1 Tom Cody, an air traffic controller in the Aircraft Department's Air Traffic Control Branch, has been a triathlon volunteer and/or participant for a number of years. "Last year we had an outstanding race because of the number of volunteers," he said.

Susan Hennigan, another volunteer and race participant, agreed, saying, They (the volunteers) are tremendously important. If we don't have that volunteer support, we can't run the event."

Volunteers are needed to handle the water stops, act as timers, road guards and security officers (for the bikes), Rivers said. Approximately 60 volunteers are needed during the event.

Hennigan said she would like to see enough volunteers to time each swimmer's laps, as well as the time it takes for

the participants to prepare Success of any big themselves from one part of the race to the next sporting event depends for example, the amount of on its volunteers time a swimmer takes getting on shorts, socks, tennis

> bicycling event. As past volunteers, both Cody and Hennigan feel volunteering is almost as much fun as actually being in the race, only without the work. "You get caught up in the athletes' excitement," Cody said. "All the volunteers I have known have had a blast working the triathlon."

shoes and so forth for the

If enough people don't volunteer, the 1992 NAWS China Lake could be cancelled, which could jeopardize the event in future years, Rivers said.

"It takes time and effort for the athletes to train for this event," Hennigan explained. "If they have to cancel it for the lack of volunteers, what's the use for preparing for it next year?"

Volunteer today! The China Lake athletes need your help!

### 屋木屋木屋木屋木屋木屋木屋木屋木屋木屋木屋木屋木屋木屋木



Ed McMahon National Spokesman

The American Veterans Assistance Corp.

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# TVIS BROADCAST

### Monday, Wednesday & Thursday, Oct. 19, 21 & 22

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program — the room number will be posted in the lobby.

### Monday - Oct. 19

- 8:30 a.m. CCI: Analysis/Advice
- 9:30 a.m. CCI: Graphical User Interface (GUI) Portability
- 11:30 a.m. Wellness: Relaxation Video
- 1:00 p.m. MacAcademy: Microsoft Word 5.0 (Tape 3 of 3)
- 3:00 p.m. Morris Massey: What You Are Is What You See

### Wednesday - Oct. 21

- 8:30 a.m. CCI: Analysis/Advice
- CCI: JAD For Reengineering 9:30 a.m.
- Wellness: Supermarket Savvy
- 1:00 p.m. Tom Peters: The Shape of the Winner
- 2:15 p.m. VAdm. Bowes: Naval Aviation Systems Team: 1992/93
- Strategic Plan
- 2:30 p.m. Deployment Flowcharting Parts 1 & 2 with Dr. Myron Tribus

### Thursday - Oct. 22

- 8:30 a.m. CCI: FDDI: Fundamentals
- 9:30 a.m. CCI: FDDI: Key Issues
- 11:30 a.m. Wellness: Stress & Relaxation
- 1:00 p.m. TQL: The Hidden Customer (Internal Customer Service)
- 2:00 p.m. Building High Performance Teams with Ken Blanchard
- 3:00 p.m. Making Humor Work with Dr. Terry Paulson

### 'How will we broadcast HDTV?' will be topic for IEEE videoconference

"How Will We Broadcast HDTV?" is the subject of the IEEE videoconference set for Thursday, Oct. 29, at the Training Center located onboard the Naval Air Weapons Station China Lake. Registration will be taken from 8:30 to 9 a.m., followed by the videoconference, scheduled for 9 a.m. to noon.

Recent advances in the technology of data compression have changed our ideas about the transport of television. We can now imagine carrying fullmotion video on ordinary telephone wire pairs or transmitting digital highdefinition television either over the air or as an integrated multi-media service on fiber. All of these new services and systems rely upon a common base of digital video signal processing techniques. This videoconference will review how some of the most important compression algorithms can be used in your applications.

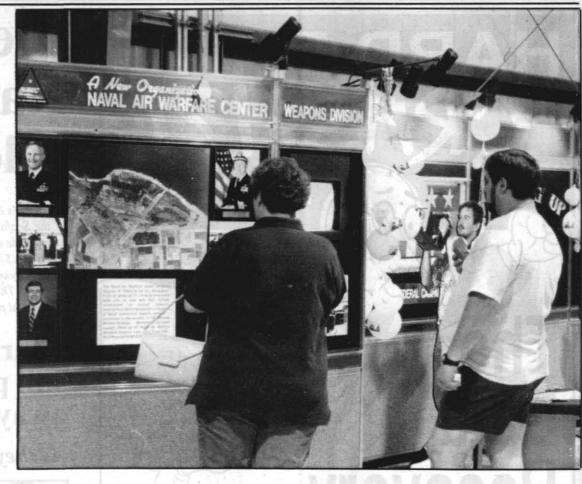
The course, designed for engineers, technical managers, designers, professionals, scientists and students, has seven objectives. The first objective is to cover the history of HDTV and how different regions of the world are approaching this new technology. The second objective is to discuss what the objectives for new standards are in the U.S. The third objective deals with how the

U.S. will select a new system; the tests and the timetables. The fourth objective covers the basic digital video compression techniques used to process HDTV for broadcast. The fifth objective details DCT coding, motion compensates predictive coding entropy coding and other key ideas. Objective six is to have a generic understanding of how most modern video compression systems from low bit rate videophone to HDTV actually work. The final objective covers new techniques for transmitting high digital data rates on standard TV r-f channels.

Cost of this event is \$3 for IEEE or Computer Society members and \$5 for non-members. NAWC/NAWS employees may submit Form 12410/73 to the Training Center by Oct. 22 to have their fees covered. To preregister, send you name and title, organization, address, work/home/phone numbers, IEEE member number and amount paid to Ed Brann, 637 W. Wildrose, Ridgecrest, CA 93555. Checks and money orders should be made out to

To learn more about IEEE or the videoconference, call Brann at 499-5100 during working hours or 375-1126 after working hours.





MIRROR IMAGE?—No, just Kathi Ramont admiring her cardboard image displayed in front of the NAWCWPNS/NAWS static display shown at the Desert Empire Fair last weekend. Cardboard cutouts were displayed of all the people who rode on the NAWS float in the Desert Empire Parade held earlier this month. In the second and third pictures, fair goers learned more about the Naval Air Warfare Center Weapons Division, as well as steps taken by the Naval Air Weapons Station to protect the local environment.

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# Electronic Combat Range Department celebrates 25 years

Editor's Note: Electronic Combat Range Department employees will gather at the Seafarer Club next Thursday, Oct. 22, from 6 to 9 p.m. Presentations will be made at 7 p.m. Hors d'oeuvres will be complemented by a no-host bar. Tickets are \$7 each and can be purchased at the door or in advance by calling Millie Haywood, 939-9123; Vanessa Darling, 939-9069; or Kristin Graves, 939-9086. The following "History" of Echo is excerpted from the department's internal publication, the Backside Jammer.

# Four oldtimers still pluggin' away at Echo

As they were in '67...



Alex Bellen



Grover Bradley



Billy Taylor



Jesse Smith

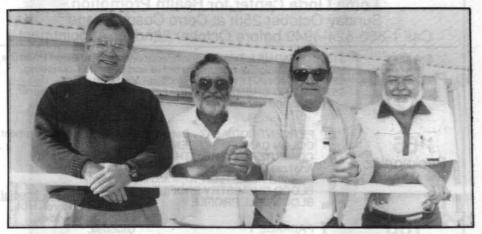
By Lester Darazs Echo Ronge

Ithough the history of Echo Range goes back to 1966, as the initial Electronic Warfare Range complex, it was not until 1967 that Electronic Warfare Threat Environment Simulation (EWTES) at the Naval Weapons Center was designated Echo Range and came to have full responsibility to schedule, operate and administer flight tests.

The events that led to the establishment of an EW range go back much further in history and included some of the political moves that were made by the U.S. Government during the early days of our involvement in Viet Nam. The heavy losses of aircraft suffered by our forces early in the conflict made it clear that some countermeasures were critical.

At Echo, the primary emphasis was support of the F/O-210 project. People who were assigned to work at Echo were retired military and electronics technicians from the area that has come to be known as IOB. (The acronym is from the then Instrumentation Operations Branch, but the area includes functions beyond that one branch.)

Things were done in a skunkworks fashion: everyone did whatever needed to be done. There was nothing at the range. The world just dropped into nothingness east of the railroad tracks. Three members of the original crew who are still at Echo—Alex Bellen, Jesse Smith and Billy Taylor—made dirt between flights, which the fourth remaining original crew



GROWNUPS—The same foursome today. Top to bottom equals left to right.

### CHINA LAKE CHALLENGE EVENT LIST 1992

Events	Sponsor	Event Coordinator	Extension	Date	Time
Softball Tournament*	Branch Medical	Todd Gonterman	939-2911	Oct. 17	8 a.m.
Get to Work	Boeing	Ward Huffine	499-5022	Oct. 26-30	commute time
Swim Events*	C864	Elaine Arnell	939-2334	Oct. 28	5:30 p.m.
Rollerskating	C862	Debra Oliver	939-2909	Oct. 29	6 p.m.
2 Mile Walk	C622	Betty Miller	939-2468	Oct. 30	11:30 a.m.
Volleyball Tournament*	Boeing	Ward Huffine	499-5022	, Oct. 31	8 a.m.

### The following events will be held on Oct. 31, beginning at 1 p.m., at the Burroughs Fields

Coordination Course	C65	Becky Bechtel	939-9647
Hoop Shoot	C83	Carlo Espiritu	939-4024
Jump Rope	C27	Shari Keyes	939-7731
Mile Run	C32	Tom Miller	939-6445
People Walk	C08	Lloyd Crabtree	927-1507
Push Ups	C27	Shari Keyes	939-7731
ReRun	C32	Tom Miller	939-6445
Soccer Course	C28	Kelly McDonald	927-2622
Target Golf	C87	Keith Becker	939-5717
Tug of War*	C84	Becky Souza	939-2833
*Requires early deadling	ie liw sons	niques, This videoconfer	

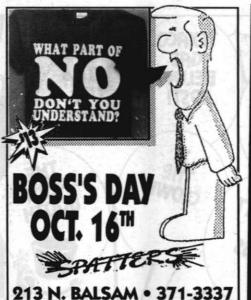
### Deadlines:

Oct. 13 - Softball Team Rosters Due

Oct. 22 - Tug of War Roster Due

Oct. 23 - Swim Events Entries Due Oct. 26 - Volleyball Team Roster Due

For registration forms, team roster forms, or information, contact the event sponsors or the Wellness Program Office, 939-2468



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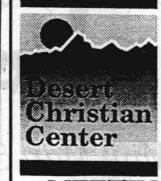
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### ldeas Column

By Bruce MacIntosh IDEAS Office

We didn't plan for the start of the new NAWCWPNS IDEAS program to coincide with the start of the new NAWC-WPNS code numbers, it just happened. You will note that we are using the new codes in this column — so please put your new code number on your IDEAS now. This will help us get the IDEA out more quickly (trying to track down new code numbers is time consuming). As a matter of fact let me put in a plug to use your new code numbers on all of your work.

The emphasis of the new IDEAS program is on suggestions which produce some kind of tangible savings. With budget and staffing draw downs facing us, it is incumbent on us all to find ways to work smarter, eliminate work process barriers, reduce paperwork, enhance information flow and generally streamline our work processes. This is not to say that quality of work life issues are going to be ignored, it's just that the focus of the revised program will be on those things that improve our organizational effectiveness.

We will be visiting your department

### Use Your New NAWCWPNS Code Number

soon to discuss the changes in the new program. Departments will be playing a larger role in the new process, including direct involvement in recognition and awards for adopted IDEAS. Keep sending in your IDEAS, we will continue to work them and you will be eligible for any new forms of recognition and award that emerge from this new effort.

If you have a question or need any information about the IDEAS process, talk to your advocate or call us, we'd be glad to talk with you too. You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS"

These are the latest IDEAS submit-

No. 504, Prevention of Carpal Tunnel Syndrome. Donna Atwood, Code C006, suggests that Safety arranges to make wrist braces available to help employees avoid Carpal Tunnel damage.

No. 505, Official Air Line Guide. Larry Brauer, Code C2768, read about a disk based version of the Official Air Line Guide that seemed to be priced less than the hard copy version. He suggests that the base investigate the MAC/PC version of this program and seek a site license.

No. 506, Task Group for Correspondence Handbook. Sue Booth, Code C8424, proposes that a task group of volunteers be formed to write a new station correspondence handbook that would include department, directorate and command correspondence requirements.

No. 507, Trouble Desk Ideas. Jerry Taylor, Code C3252, asks for an official QuickMail form to aid users in providing the needed information for trouble calls. He also makes other suggestions to improve the trouble call process.

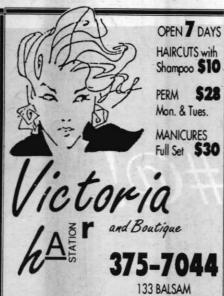
No. 508, Self-Adhesive Stickers and Correction Fluid. Sue Bristow, Code C622, suggests a temporary adhesive product to replace the "yellow stickies." There is also a permanent adhesive which could replace white out products.

No. 509, Work Request Form for Construction. Lana Aguilera, Code C84202, proposes a "Work Request Form" for all future construction and self-help projects. The information on the form would help avoid the installation of questionable materials and provide a basis for Public Works to insure that all work is up to code.

# Compu

### 3.5" Diskette ALERT!

There is an alert on 3.5" double sided, double density, floppy diskettes purchased from SPEDI. MFG. Part #0323, Catalog Item #LLADP0041. There were 10 boxes of Nashua 3.5 Double-Sided Double-Density (800k) diskettes delivered from the SPEDI contract. The diskettes were individually wrapped in cellophane. In this particular case, the cellophane was stuck to the Nashua emblem printed on the metal slide. When the cellophane was removed, small pieces of the clear plastic remained on the imprinted area. These particles can become loose in your floppy drive and can cause damage to your floppy drive. Please be advised of this matter and if you have to use these disks make sure you remove all the particles before use. The SPEDI contracting officer, Paul Reagan, has been notified and the recommendation is to reject the order



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lected computer hardware. The contract requires a certain percentage of deliveries within 24-hours. We are currently at 96.4% on-time delivery.

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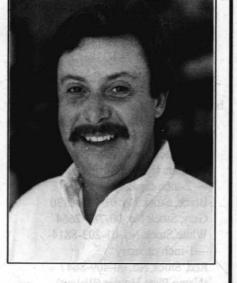


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**PRIMITIVE** by today's standards, the original Ops Center served Echo well.

member, Grover-Bradley, ate faster than they could make it. The laws of physics were violated regularly.

October 15, 1992

In spite of all this, some promising progress was being made and further funding followed.

There was a total original crew of about 25. Things were somewhat backwards then...like APL contractors being in charge of run-

ning things.
As sometimes happens when one is in a hurry to get things done, the safety rules would inadver.

The magma ceased flowing...
the waters receded... the wind dried the remaining moisture...
and from above it was heard,
"Call it Echo Range."

would inadvertently get violated. In fact, this is how the very first accident happened at Echo. There were phone wires, power cables, coax and so on laying all over the place. One of the guys, a bubble of youthful enthusiasm, ran across the A-1 van floor, tripped on one of the coax cables, jerking the end out of the socket with the result that a bunch of photons escaped into free space, only to float around Echo all these years. This is what has come to be known as "ground clutter."

Thousands of dollars have been spent to find those photons. Personnel from Georgia Tech were hired to help,

only to find that they are probably all hiding out around Slate Range.

Echo pioneers, however, were not deterred, and with a little luck and a lot of perseverance, they managed to move forward.

There were four systems on board then: A-1; E-4; G-1 and S-1, there was not much in the way of logistics to sup-

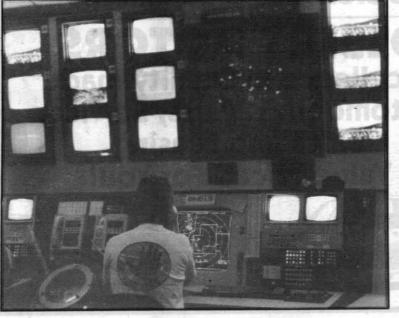
port them. It was a very primitive environment, indeed, and it was not unusual to have to make several trips a day "to get stuff." There

were many long hours, and some of the guys almost lived at the range full time (except for Grover Bradley, who lived in a flat-bed truck on eternal transit of Randsburg Wash Road, dodging chuckholes.

Echo Range employees owe a debt

Echo Range employees owe a debt of gratitude to these pioneers. Had it not been for them, today we would have nothing to do, but play with our Macs all day.

These anecdotes will be expanded upon at next Thursday's party, and perhaps someone besides Grover Bradley will be picked on. Remember it all starts at 6 p.m. at The Seafarer.



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### MILCONS from Page

Station China Lake and Naval Ordnance Laboratory Corona joined to become the Naval Weapons Center. Nine scientists, engineers and technicians of the Corona team, who were left behind at the Encounter Simulation Laboratory, will move to China lake to work at MESA.

"The award of four military construction projects this year, totaling \$40 million," said the rear admiral, "demonstrates the value placed upon this community of professional men and women and our unique facilities and ranges."

In his brief remarks, Congressman Thomas said he saw himself as a facilitator to see that people get the facilities they need to get the job done. "This is a unique facility, in a unique place, and I want to see us continue to turn dirt at this base," he said.

After introducing himself as NAWCWPNS Deputy Commander for Research and Development, Bill Porter said, "I always wanted to be a commander...I guess I'm getting there."

He noted the need for MESA, first identified in the early 1970s, was based on the evolution of new airborne threats and the development of new anti-air weapons. He credited Gaylon Ryno, Ray Magorian and Jerry Preston with defining requirements and developing the MESA concept. The facility will provide improved fuze system and target data measurement and simulation capabilities of several weapons. It will support RDT&E efforts and is expected to result in less expensive weapons and to shorten development time.

Porter also recognized Gary Shawler and Jim Bowen as contributors to the initial MILCON effort, and Carl Schaniel, the now retired head of the Fuze Department, for taking the project on and "making things happen."

Dillard Bullard, he said, "kept things moving" after Schaniel retired.

He thanked Doug Cowan, project manager, for his constancy of purpose and Ken Wetzel and Steve Hall for continuing technical support. He also thanked Paul Erickson, Craig Stump and Hal Linderman for Public Works' support

The deputy commander for R&D explained that the

MESA project had survived a two-year moratorium on military construction. Then a report by the Defense Department Inspector General said the facility wasn't needed. "Yet, with management support up the chain of command to the Secretary of the Navy and support form the Air Force and the Army, we were able to put together

Please see GROUNDBREAKING, next page



FOOTWORK CREW—After the brass finished the official ceremony some of those who worked on the MESA project over the years got into the act. From left, Doug Cowan, Dillard Bullard, Jerry Preston, Gaylon Ryno, Ray Magorian and Ken Wetzel show how it's done.



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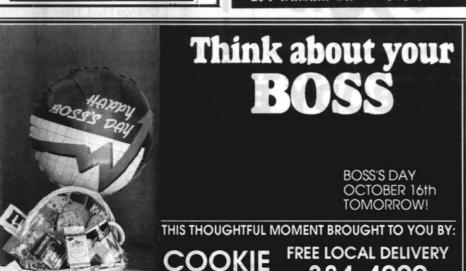
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Telmart, the Naval Air Weapons Station China Lake Supply Department warehouse, is stocking up on supplies. Each month, the Supply Operations Division will print in The Rocketeer a list of some of the items carried by Telmart. Items may be ordered by calling the Telmart Staff at 939-2241. In addition to your name, shop accounting code, job order number and location, give the name, size, color, stock number and amount of each item you wish to pur-

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item you want, call Technical at 939-2178.

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Blue, Stock No. 00-582-5398 Grav. Stock No. 00-582-5399 Tan, Stock No. 00-582-5400 •Binders (Plastic-3-ring) - 2-inch capacity Black, Stock No. 01-278-4130 Gray, Stock No. 00-782-2664 White, Stock No. 01-203-8814 -1-inch capacity Red, Stock No. 00-409-8647 •Name Plate Holder (Walnut) Stock No. 00-634-5050 Name Plate Letters

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### Three models of fire extinguishers recalled

Three models of fire extinguishers are being recalled due to the possibility of the extinguishers exploding. The defective models are two-and-a-half pound ABC dry chemical extinguishers with plastic heads; the type that would be used in a home, automobile, motor home or boat.

All personnel are urged to inspect their extinguishers at home. If you own an extinguisher of this type manufactured in 1985 by American LaFrance or

Beco, please contact the Fire Division for information on free replacement by

This would also be a good time to inspect all of your fire extinguishers to see that they are accessible, fully charged and undamaged.

If you have any questions on recall extinguishers or general fire extinguisher questions, please contact the Fire Division at 939-2146.

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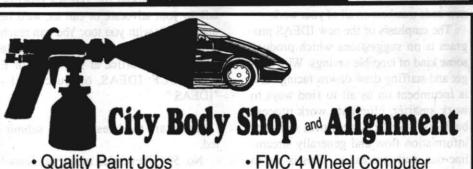
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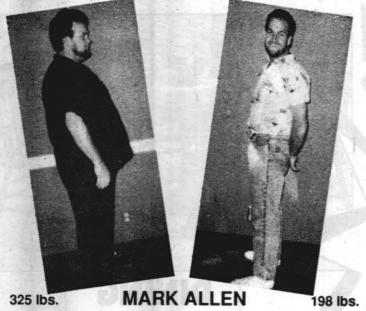
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### FERS disability retirements and COLAs

By John Powers

Last week we talked about FERS retirements but did not cover FERS disability retirement or COLAs. Let's talk about both today.

FERS disability benefits can help replace part of your income, whether you are disabled for a short time or unable to work for a prolonged period.

### What is a disability?

The rules for determining whether or not a person is disabled is the same for both the FERS and the CSRS retirement system. You are considered disabled if you are unable to perform useful and efficient service in your position because of disease or injury for at least one year. However, you will not be considered disabled if you decline your agency's offer of a position which accommodates your disability and is at the same grade or pay level and is within your commuting area.

You may also qualify for Social Security disability benefits if you are unable to work in any substantial gainful activity. Unlike the CSRS or FERS disability requirements, Social Security is much stricter - you must be totally disabled and unable to work for at least one year at any type of work. Under CSRS or FERS, you are disabled if unable to perform the job that you occupy at the time of your disability.

To qualify for FERS disability benefits, your disabling condition must be expected to last at least one year, and you must have at least 18 months of creditable civilian

### Disability benefit computation

The first year — 60% of the HI-3 average pay minus 100 percent of any Social Security disability benefits to which entitled.

After the first year and until age 62, if your disability prevents you from performing your job and you do not qualify for Social Security disability benefits, your benefit will be 40 percent of your HI-3 average pay.

\*If you qualify for Social Security benefits, your disability benefit will be reduced by 60 percent of the initial Social Security benefit to which you are entitled.

For example, assume a disabled employee's HI-3 average salary is \$30,000. In the first year of disability, the employee will receive \$18,000 (60 percent of \$30,000). If the employee receives Social Security disability benefits, the FERS annuity (\$18,000) will be reduced by that amount.

In the second year of disability, the employee will receive \$12,000 (40 percent of \$30,000). If Social Secureity disability benefits are payable, the FERS annuity will be reduced by 60 percent of the Social Security benefit amount. Thus, if the disabled employee receives \$16,000 from Social Security, the \$12,000 FERS benefit is reduced by \$3,600 (60 percent of \$6,000) to \$8,400 for a total benefit of \$14,400 (\$8,400 from FERS and \$6,000 from Social Security).

When you reach age 62, your disability benefit will be recomputed. Essentially, you will receive the annuity you would have received if you had not been disabled, but had continued working until age 62. For purposes of this recomputation, your average salary will be increased by all FERS cost-of-living adjustments that took effect while you were receiving a disability annuity.

A cost-of-living adjustment is paid annually to retirees over age 62.

Regular employeess retiring under FERS who are under age 62 will not receive a COLA until they attain age 62.

The COLA is also paid to those who have received disability payments for more than one year, and to those receiving survivor benefits.

The COLA is determined the same way for both CSRS and FERS. However, the amount of a COLA that is payable under FERS differs from that of CSRS. The following chart describes FERS COLAs.

Increase in CPI Annual COLA Percentage Up to 2 percent Same as CPI increase 2 to 3 percent 2 percent

3 percent or more CPI increase minus 1 percent FERS employees who elected FERS may have a CSRS component as part of their

annuity. The portion of an annuity based on FERS service will receive FERS COLAs. The Special Retirement Supplement for retirees is not increased by COLAs; the sup-

plement for survivors is increased by COLAs. The Special Retirement Supplement is the amount paid in lieu of Social Security until age 62 for retirees (usually age 60 for

NEXT WEEK look for information on survivor benefits under the FERS retirement system.

### Free fire wood giveaway for October

To make room for the MESA construction project, the scrap wood lot on Iwo Jima Road must be moved. Therefore, for the rest of October, wood at the old site may be removed free of charge.

Any person who does not have an area access badge with an "A" or "N" on it must make arrangements at the Visitor's Center by the main gate during normal working hours.

### **GROUNDBREAKING** from Page 12

a superior technical justification for the project and overcame this hurtle," he said.

Porter again remarked on the one-of-a-kind-ness of MESA, saying, "No industrial or military facility exists in the United States that is capable of performing the MESA mission and no other plans exist for the development of a similar facility." Because of this he said it is estimated that 50 percent or more of the utilization of MESA will be to support joint service projects."

Before joining the others in actually turning the dirt, Public Works Officer, Capt. Randy Williams, talked civil engineerese. "Less than two years from now this portion of the China Lake landscape will look materially different, he said. "Between now and then F2M Incorporated from Lancaster will have moved over 200,000 yards of desert soil, transformed nearly 15,000 tons of structural and reinforcing steel into recognizable shapes and placed over 18,000 cubic yards of concrete...Gosh don't you just love that kind of talk."

Capt. Williams introduced Saad George, project manager for Burns and Roe Pacific Company, the architectural design company, and Patricia Freeman representing F2M, before inviting the officials up to break the

After a luncheon at The Seafarer, it was off to Echo Range, where, on a hill top north of central site and in the southern shadow of Slate Mountain, ground was broken at the Integrated Naval Air Defense System site.

RAdm. Newman started the festivities again, saying, "INADS is another significant project that demonstrates our team diversity and commitment to the Fleet. INADS will support numerous electronic warfare, test and evaluation, tactics development and joint service electronic countermeasures efforts.

"New facilities, such as INADS, MESA, the Advanced Weapons Laboratory and the Weapons Tactical Trainer, are indicators that our concept is accepted and working."

Gerald Wrout, NAWCWPNS Deputy Commander for Test and Evaluation, addressing the off-Station guests, said, "I could tell in our conversations today and your enthusiastic support in recognizing these notable project beginnings, that we are indeed very fortunate to have such a loyal base of supporters in the community leadership. Not all facilities are so fortunate."

Wrout thanked various technical managers for their efforts-Milt Burford for pushing the project forward, Alex Bellen, head of the Electronic Combat Range Department, Jack Russell, Land Range Director, for his political savvy and attention to detail and Ken Maxwell for leading the project through design development.

He also thanked the Public Works team, which included Craig Stump, Gordy Irvin, Perry Anderson, Rudy Nicolas, Tony Dorsey, Tim Silberberg, Ron Gilchrist, Ens. Shawn Follum, Richard Dominguez and Lt. Pat Gibbons.

"We will now be able to simulate multiple single ships and task force naval elements," Wrout said of INADS capabilities. He listed the F/A 18, HARM, EA-6B, ALQ-165 airborne self-protective jammer, and Cruise missile as some of the programs that would support the facility.

"Our expanded ability to support joint service endeavors through facilities such as INADS will be one more reason the China Lake site will increase in value over the coming years," he told the visitors.

After asking NAWCWPNS scientists and engineers to slow down on identifying new requirements for laboratories, so he could catch his breath, Capt. Williams spoke numbers again.

He said, when all four of the new MILCONs have been completed, there would be an additional 230,000 square feet of lab space at China Lake. The INADS project will include 43,400 square feet in four separate buildings. He said Metric Construction Company, of Thousand Oaks, Calif., would use 4,300 cubic yards of concrete and 5,040 tons of structural steel.

The public works officer recognized John Whitmire of Anderson, Debartolo Pan of Tucson, Ariz., the architectural firm that designed the facilities, and introduced Tom Miller, president of Metric Construction.

Miller said his firm had targeted the INADS project as one they especially wanted to go after, because it was challenging and because previous experience at China Lake had been positive.

Before encouraging the others to help him with the ceremony, Miller said to the gathered visitors, "Ridgecrest should consider itself blessed" for the increased revenues the construction project will bring to the area."

Another thing all speeches had in common was a comment on the weather. The day was almost unique, and therefore unusual, in that, despite the fact the Desert Empire Fair opened the day before, it was virtually windless



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memory, Mac 4ea 1MB SIMM #1MBX8-70
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memory, Mac 1ea 1MB SIMM #1MBX8-80 SyQuest 88MB disk cartridge #SQ800 Farallon Appletalk connector #PN308 CD-ROM internal, IBM, complete: drive, controller, cable & interesting CD-ROM #PCD-100
memory, IBM 1ea 1MB SIMM #1MBX9-70

Computing Technology 251 Balsam Street 375-5744

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Mac high density floppy drive #M0247 instrumentation record-ing tape, 1" x 9200', 14" aluminum precision reel, #897-LR-262WID3 this is not Memorex, it is E3 Spec Ampex P/N 795-59GK-3G (you order as #897-LR-262WID3)SyQuest 44MB disk cartridge #SQ400 dual media drive reads & writes all std IBM 5 & 31/2" floppies #AMF-ATW

controller for all Bernoulli drives: Mac ctlr #S0700337-Mac-1B; IBM ctlr #S0700479 PC Powered 90 PRO w/controller & cable

20MB Bernoulli cartridge tripak #S0700378
3-Com Ethernet board for IBM #3C507 90 Pro Bernoulli internal master #S0700472 250MB IBM internal tape drive #DJ20
Maxell 2.3GB 8mm certified DAT tape #HSB/12 (same Sony tape #QG112M)

Farallon Connector 8-pin miniDIN #PN308

SPEDI Computer Hardware Catalog

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**FOOD FOR THOUGHT FREE DESSERT** whole cake for parties of 15 people or n

(Must have 36 hours notice) Call Rose Join us for your celebration! MONDAY-FRIDAY 11am-3pm

SATURDAY 12pm-3pm NOW OPEN SATURDAY NIGHTS

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Weekly Lunch Specials Especially For You.







Homemade Sandwiches Chicken Salad Tuna Salad Egg Salad

**Thursdays** Delicious BBQ Baby Back Ribs Beef Back Ribs

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me for a

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Scarey

106

To celebrate their Grand Opening, Gary and Linda are turning back the hands of time ... Texaco gas will be sold below dealers cost!

Saturday & Sunday, Oct. 27th from 10:30 a.m.-1:30 p.m. 1509 N. Norma

> Mother Earth Cafe Take a friend

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New Extended Menu Fresh Soups Daily

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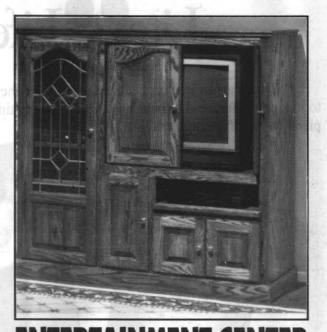


October 15, 1992

**CHESTS** 4-Drawer \$169 5-Drawer \$195



**BOOKCASES** 3-Tier \$169 4-Tier \$195



REG. \$699 SALE \$599



**ROLL-TOP DESK** REG. \$1,295 SALE \$1,049

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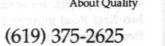
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### PERSONNEL NEWS

### PROMOTIONAL OPPORTUNITIES

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

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

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

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

### NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

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

### **MERIT PROMOTIONS**

No. 23-001, Supervisory Research Chemist/Chemical Engineer, DP-1320/893-3/4, Code C02354 - This position is the Head. Optical and Electronic Materials Branch, Chemistry Division in the Research Department. The Branch specializes in basic and applied research in the synthesis. growth, characterization, and evaluation of inorganic materials for advanced optical and electronic components. The applicant is expected to develop a research program in one or more of the Branch specialties as a principal investigator and/or program manager. The applicant should be an advocate for basic and applied research's role in the solution of Navy-

relevant problems. As the Branch Head, he/she must be able to communicate with all levels of NAWCWPNS management as well as sponsors outside NAWCWPNS. A Ph.D. in Chemistry/Chemical Engineering is preferred. Job-Relevant Criteria: Knowledge of and experience in basic and applied chemical research in inorganic materials for optical and electronic applications; knowledge of the Navy establishment and technology needs; knowledge of affirmative action principles, including a willingness to implement EEO practices; knowledge of DOD policies and procedures; ability to communicate orally; and the ability to communicate in writing. Promotion potential to DP-4, but not

guaranteed. One-year supervisory probationary period may be required. Permanent Change of Station (PCS) expenses are not authorized. This ad opens on 16 October and closes on

### SECRETARIAL COLUMN

No. C28-006, Secretary (Typing), DG-0318-1/2, Code C28B3 - This position is located in the Joint Standoff Weapon Project Office. The incumbent will perform secretarial and administrative duties in support of the Project Office Secretary. Experience on the Macintosh computer is required. Must be able to obtain and maintain a

Secret clearance. The full performance level of this position is DG-2. Previous applicants need not apply.

No. 644-03, Secretary (Typing), DG-318-1/2, Code C33 - Incumbent provides secretarial and administrative support to the Radar Systems Branch. Knowledge and working skill on the Macintosh computer is desirable. Must be able to obtain a Secret clearance. Work schedule is first 40, Monday-Thursday, 0630-1630. Promotion potential to DG-2, but not guaranteed. Previous applicants need not apply.

### SECRETARIAL OPPORTUNITIES

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

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

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

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code C64), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code C622); Room 1000, Mich Lab; Room 203, Administration Building (Linda Brantner, Code C6101); and Room 212, TID Building (Ellen Mahoney, Code C6411). Items may be sent to Code C6411, or by FAX to 939-0945, Code C6411, ATTN: Ellen Mahoney, or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code C6415.



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



### ATTENTION: ALL CHINA LAKE RADIO USERS

Radiation to Ordnance (HERO) warning stickers need to be placed on all mobile government communication radios-including handheld radios. Please contact Gary Beckstrom, Radio Frequency Safety Officer, at 939-0734 or 939-2315 for stickers or more information. (Code C8401)

### **EPSON PRINTER** TRACTOR-FEED

Code C21B1 needs a tractortype paper feed attachment for an EPSON LQ-1500 Printer. If you have one available, call Robyn at 446-9426. (Code C21B1)

### THE PRESENTATIONS DEVELOPMENT BRANCH (CODE C6424)

The Presentations Development Branch (Code C6424) is here to meet your presentation requirements of simple vugraphs to more complex multi-image presentations with music and narration. Our Macintosh-based production processes include illustrations: animation; videotape frame grabbing; and color scanning of photos, drawings and actual objects. Output is in 24bit color and can be made into slides, vugraphs, videotape, or hardcopies (black and white also available). All aspects of presentation development (from concept to final product) are available, such as: research, script writing, photography coordination, presenter coaching and advice, staging and projection services. Let us update your existing presentations and/or enhance them with color. Code C6424 will help you with your audio-visual equipment needs. Let us make your next presentation an easy and pleasant experience. For more information call 939-3391 or 939-3346. (Code C6424)

### ADOPT-A-MAC PROGRAM

Has a bright new addition to your computer family crowded an older sibling into a corner? Don't let

feeling underutilized. The Technical Hazards of Electromagnetic Library will give it a loving home and ensure "Macsimum" fulfillment of every "byte" of its remaining C6331 for review and initialing. potential. Any and all models, no matter how outdated they may seem to you-Plus, II, SE, etc., will find a warm welcome at the Tech Library hearth.

> Services Branch Head Barbara Manley, Code C6432, 939-0746. She'll arrange tender loving care pick-up of your little one. (Code C6432)

### **NEW ON-BOARD TRAINING** REQUESTS

On-Board Training Requests (Form 12410/2) will be forms are also available via the Code C63 server. Do not use the samples in the new FY93 Fall and Winter Course Schedule. Also. use the old On-Center Training Requests (Form 12410/73) until C622)

### **CODE C841 LOOKING** FOR BOOKCASES

The Law Enforcement Physical Security Branch (Code C841) is looking for two bookcases in good condition to be used by staff personnel. If you have any bookcases you no longer need, contact LaDonna at 927-3467. (Code

### **NEW PROCESS FOR COPIER ACQUISITIONS**

Codes submitting new copier requests for purchase, lease, rental, and replacement equipment must complete a NAVPUB 5600/14 form to accompany the stub and justification memo. The acquisition package should be sent to Code C6331 (Annabelle Lipinski) who will review, obtain Code C633 (Pat Connell) approval signature, and get the Acquisition Request welcome. Contact Patti Patin at Number (ARN) that is issued from 939-2797. (Code C6311)

the older little one just sit there Navy Publishing and Printing Service, San Diego.

Renewal requests (leased or

Low-volume copier requests (1 to 19 copies per minute) do not need Code C633/6311 review or approval

Maintenance service requests Chief of the Tech Library's for NAWC-owned copiers do not Adopt-a-Mac agency is Customer need a review or approval signature. However, a copy of the stub should be sent to Code C6331 so a current inventory is maintained.

> Annabelle Lipinski at 939-3427. that support multiple functions: (Code C6331)

### REDUCED NETWORKING SERVICES RATES

In an effort to improve data/ available at Tel-Mart by 14 video network services, Code October. For Macintosh users. C6311 has modified the trouble call charging policy and reduced installation and modification costs. Starting 1 October the first 30 minutes of a trouble call will be free. A technician will arrive on site within 2 hours of reported trouble, unless your supply is exhausted. (Code the trouble can be corrected remotely through the Network Management Center. Code C6311 reserves the right to bill customers installing equipment or making changes to their network.

> Installation and modification requests submitted via Communication Service Request (CSR) will still be charged based on labor and parts, but at a lower rate than last year. The highest rate that will be charged is \$77 per hour; however, hourly charges may be lower depending on the type of job. The cost of any rework necessary due to faulty work by Code C6311 or its contractor will be covered by Code C6311.

We would like to take this opportunity to thank our customers and coworkers who have helped with ideas on how to improve our business. Additional comments are

### **BOEING'S ADVANCED** SURVEILLANCE PROGRAM

Representatives from Boeing will rented) should be sent to Code be at NAWS, China Lake, to present a briefing on their Advanced Surveillance Program on 16 October in Mich Lab, Room B/C. The time will be from 0800 to 1030.

Since 1988, the Boeing Company has been working on an advanced surveillance concept. The concept features conformal active adaptive antenna arrays that cover all interesting frequency bands. They are backed by T/R modules, beam-If you have questions, contact formers, and signal processors AEW, ground mapping, SAR, ISAR, reconnaissance, SIGINT, ECM, and other functions that require huge antennas, sensitive receivers, and/or high ERP transmitters. For further information on the presentation, please contact Chuck Newmyer at 939-1074. (Code C0254)

### NAWC CONFERENCE CENTER CLOSED

Beginning 10 October, the NAWS Conference Center (formerly CPO) will be closed for approximately 60 days while a new roof is being installed. Plans currently call if it is determined that they have for the facility to re-open on 14 caused the trouble by improperly December if there are no delays in the project. Employees wishing to reserve rooms at the Conference Center when the project is complete should call 939-3634 and leave a message on voice mail. Your call will be returned by someone from the Protocol Office as soon as possible. (Code C8101/

### RETIREMENTS

Esther Baile will be leaving Code C6321, on an early-out medical retirement, on 16 October. Tribute was paid to her during a working lunch on 13 October. (Code C6303)

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018

Leslie Brockwell, Electronics Technician, Code C3251.

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

Diane Richardson, Program Analyst, Code C2708.

Diane Richardson is undergoing foot surgery and will be home recovering. She is indebted for leave.

Cheryl Braun Wheeler, Computer Specialist, Code C2934.

Cheryl Braun Wheeler is in need of leave due to hospitalization for physical exhaustion and to care for her husband, a diabetic who has had kidney failure and requires a transplant.

Teresa Clower, Computer Specialist, Code C8311.

Teresa Clower is indebted for leave to care for her husband who is undergoing numerous nerve blocks and having surgery to implant a spinal cord stimula-

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

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

Gloria Dominguez, Program Analyst, Code C61503.

Gloria Dominguez was hospitalized and has exhausted all of her leave

Jan Slater, Security Assistant, Code C8433.

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

Ann Roseman, Administrative Officer, Code C2104.

Ann Roseman is undergoing surgery and for breast cancer and is indebted for is in need of leave.

Beth Schuchman, Payroll Clerk, Code C6153.

Beth-Schuchman is indebted for leave to care for her infant son. He is undergoing continuous testing and intermittent hospitalization. She is a single parent.

Rosemary Langley, Secretary, Code

Rosemary Langley is recovering from surgery and is currently undergoing radiation treatment and chemotherapy.

Sharon Morgulec, Engineering Data Management Specialist, Code C25521. Sharon Morgulec had surgery and has exhausted her leave.

Deborah A. Birch, Secretary, Code C392A

Deborah A. Birch received treatment

Alvina S. Quintanilla, Contract Specialist, Code C654.

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

Trisha Chan, Program Manager, Code C6402

Trisha Chan needs leave to care for her husband who is terminally ill with cancer.

Judy A. Eldredge, Code C6162.

Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for acute lymphatic leukemia.



Unless otherwise noted, enroll in the following classes by submit **NAVWPNCEN 12410/73** (Rev. 12-88). Request for On-Center Training via department channels to Code C624 (Code C624)

CREATIVE THINKING AND PROBLEM SOLVING (16 hrs.)

4-5 November; Wednesday-Thursday, 0800-1600; Training Center. By Dr.

Intended audience: Employees who are looking for a fresh way to approach problems

The objective of this 2-day workshop is to provide a balance of theory and practice that develops mastery in right-brain thinking with left-brain analysis. Participants will learn current theories of how the brain thinks. They will experience their unique thinking style and will learn and practice several creative problem-solving techniques designed to stimulate thinking processes and develop usable skills in everyday working and liv-

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

CONGRESSIONAL AFFAIRS SEMINAR

18-19 November; Wednesday-Thursday, 0800-1600; Carriage Inn. By Dr. Patricia Woods, NAEI. Intended audience: SEMDP partici-

pants and DP-3s and above. This 2-day seminar is designed for the mid- and senior-level personnel to increase their knowledge of congressional

operations and the legislative process. The sessions include explanations and perspectives on the people, politics, and multiple activities of the Legislative Branch and how they relate to the mission of the Executive Branch. The seminar will also give the participants a better understanding of the relationship between the ers? development of legislative initiatives and NAVAIR's management and budget at all organizational levels.

Enroll by forwarding an NAEI enrollment form (your Department Office has a

copy) to Code C622 and by calling 939-

**BUILDING COMMITMENT IN YOUR** ORGANIZATION (16 hrs.)

3-4 November; Tuesday-Wednesday, 0730-1630; Training Center. By Linda Andrews and Jack Latimer, Code

Intended audience: Managers and supervisors, and other interested employ-

Commitment is the core issue in getting things done in your organization-because people only do what they are committed to do. How do you build that commitment in yourself and in oth-

This class provides a developmental process that will dramatically improve commitment in your organization. Participants are given the principles and tools needed to understand, analyze, and solve

Do You Want To Quit Smoking?

FRESHSTART-STOP SMOKING PROGRAM (4 hrs.)

26, 29 October and 2, 5 November: Mondays and Thursdays, 1600-1700: Training Center Trailer. By: Hazel Barber, Consultant.

This course is designed to help you KICK THE SMOKING HABIT! The American Cancer Society's Freshstart Program will help you stop smoking by providing you with information and strategies to direct your own efforts at stopping. The workshop will be limited to 10-15 people and will be led by a person trained by the American Cancer Society.

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

### CORRESPONDENCE COURSES FOR IBM-PC

The following correspondence courses for IBM-PC training are available from the GSA Interagency Training Center:

dBase III Plus: An Introduction dBase III Plus: Advanced Enable: An Introduction Enable: Advanced Lotus 1-2-3 and MS-DOS: An Introduction Lotus 1-2-3: Advanced Microcomputers WordPerfect 5.1

To enroll, submit DD 1556 to Code C622. Call Daryl Vaughn at 939-0869 for information or course outlines.

ing respectful and resolved relationships. Extensive class exercises and interaction give each participant practical application of the principles and tools. Participants will learn how to analyze and solve problems, address and resolve conflicts, build collaborative partnerships, understand others, and build commitment in themselves and others to maximize performance and personal satisfaction.

problems while establishing and maintain-

October 15, 1992

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

### **DEPLOYMENT FLOWCHARTING (8** hrs.)

27 October; Tuesday, 0800-1600; Training Center. By John Giovino, Code C326.

To understand a work process, it is helpful to depict it. One technique is process flowcharting, which allows one to examine a work process in detail. Once the flowchart is started, much can be learned of the work process as the flowchart is drawn to completion. Once a flowchart is constructed, it can be examined and used as a tool for understanding and explaining the process with respect to quality improvement. NAWC/NAWS examples will be provided as well as a basic how-to manual written by the instructor

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

NOTICE DATE CHANGE SOFTWARE DEVELOPMENT/ACQUISI-TION USING DOD-STD-2167A (16 hrs.) 16-17 November: Monday-Tuesday

0730-1630; Training Center. By: Jim

Dorrell, Code C2901C Intended audience: Managers, scientists, engineers, technicians, and support

specialists This course will present an overview of software development and acquisition and the use of DOD-STD-2167A in that pro-

Topics covered include the following:

Overview of software development/acquisition process

Software engineering & management

Software life-cycle

Classic vs. real world \* Concept to Operational Support

Software testing concepts

DOD-STD-2167A

Requirements

\* Documents Software coding standards

\* Relationship to TADSTANDS

Software Documentation Software Configuration

Management Software Reviews & Audits

Software Quality Assurance Deadline: 2 November.

**WEAPONS SYSTEMS PLANNING (8** 

10 November; Tuesday, 0800-1600; Training Center. By: Dr. Richard Kistler, Code C02404. Required for enrollees in the SEC

Program. The course approaches the topic of

weapons systems planning in the context of how it really happens - the importance of informal organizational relationships; the marketing of new concepts; and the role of the Navy's formal planning structure, which is often necessarily more reactive than proactive. A number of recent

planning studies that may be seen as nfluential are reviewed. The process required for getting a new system into the Navy budget is discussed. The DNL individual and corporate planning efforts are described

Deadline: 27 October

### **EO/IR MMW PHENOMENOLOGY (24**

16-18 November; Monday-Wednesday, 0800-1600; Training Center. By: Dr. Lawrence A. Klein. Topics covered in this course are:

Multiple Sensor System Concepts and Design Tradeoffs

2. MMW Radar Sensors

3. MMW Radiometer Sensors 4. Height Profiling Using FMCW Radar Intermediate Frequency (IF) Data

5. Impact of Jamming 6. Infrared Passive Sensors

Military Applications of Laser Radar 8. Windows/Domes for Dual-Mode

Deadline: 2 November.

EMC/EMI (4 hrs.)

Sensors

18 November; Wednesday, 0800-1130: Training Center, By: Robert Christiansen, Code C25654.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

This class provides managers responsible for the design, development, and acquisition of DOD platforms, systems, and equipment with the information and guidance necessary to plan and implement an effective program to achieve the necessary degree of EMC.

Note: Because of increased emphasis on E3, program managers and engineers should consider attending this course.

Deadline: 4 November.

INTRODUCTION TO SOFTWARE MAN-AGEMENT (8 hrs.)

17 November; Tuesday, 0800-1600; Training Center. By: Dennis Farrell, Code C28C

REQUIRED FOR ENROLLEES IN THE TMC PROGRAM.

Topics include: Development process: past, present, and possible future technology and its effects; organizations involved; official guidance; instructions, standards, and specifications; documentation acquisition; detailed consideration; and management approaches and problems

Deadline: 3 November.

PROPULSION SYSTEMS (20 hrs.)

23-25 November: Monday-Tuesday 0800-1600; Wednesday, 0800-1130; Training Center. By: Ron Dettling, Consultant, Coordinator

REQUIRED FOR ENROLLEES IN THE SEC PROGRAM.

This class is designed to provide the systems engineer with an overview of the different types of propulsion systems that are used in tactical weapons; the criteria used to select the optimum propulsion type for the mission requirements; critical design and development parameters costs, risk levels; and especially, how the propulsion system can interact with and affect the other minor subsystems and the overall weapon. As many actual "war stories" as possible will be presented

Deadline: 9 Novemb

RANGE INSTRUMENTATION OVER-VIEW (4 hrs.)

23 November; Monday, 0730-1130; Training Center. By: Byron Edde, QUINTECH Corp.

### **NOVEMBER CLASSES AT PT. MUGU**

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	November
Creative Thinking & Problem Solving	2-3
dBase IV, Introduction	2-3
Project Management	2-4
Personnel Management Workshop for Supervisors	2-5
Administrative Techniques	3-4
ELINT: Analyzing Radar Signals	3-5
Dealing With Difficult People	thec4 tol mollec
Lotus 1-2-3, Introduction and Data and Device Device to a see	rolg 4 a midigilla r
Leadership Skills for Non-Supervisors	9-10
Advanced Configuration Management	16-17
MS-DOS, Introduction	17 evitteen
Managing in a Technical Environment	17-19
Lotus 1-2-3, Intermediate	18
Macintosh, Introduction	18
Effective Presentations	18-19
Career Transition Workshop	18-19
CPR Basic Provider	19
Wordperfect, Introduction	19
Communication Systems Overview	30
GPS Navigation	30-3 Dec

Please contact Paula Phillips, NAWCWPNSDIV, PT. MUGU, AV 351-3981, for further information and to register.

This short course gives an overview of range instrumentation systems: their functions, capabilities, and limitations. It is designed for engineers, scientists, technicians, managers, and others who need basic information on this topic.

Deadline: 9 November.

INSENSITIVE MUNITIONS IN THE 1990s (8 hrs.)

18 November; Wednesday, 0800-1600; Training Center. By: John Fontenot, Code C2708, Coordinator.

Outline: The Background and History of Insensitive Munitions: IM Test Descriptions: IM Databases: Warheads/ Explosives: Advanced Initiation: System Design; Propulsion/Propellants; and Rocket Motors

Deadline: 4 November.

HIV/AIDS IN THE WORKPLACE (3 hrs.) 20 October; Tuesday, 1300-1600; Training Center. By: COSAA/Gloria Delgado et al.

This course meets the annual refresher requirement for supervisory safety. The course will address the problems associated with HIV/AIDS in the Workplace. including confidentiality, universal protection, and employee/employer rights. The course will explain the ramifications of HIV-AIDS in 1992, and will emphasize that the disease is a heterosexual disease, which will eventually affect everyone in one way or another. It will provide information for both supervisors and employees, and will discuss federal and state laws regarding HIV/AIDS and confidentiality.

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

INTRODUCTION TO THRIFT SAVINGS PLAN (4 hrs.) 3 November; Tuesday, 1230-1630; Training Center. By: Charla Green,

Consultant.

This course is for all CSRS and FERS employees who are eligible to participate in the Thrift Savings Plan. The instructor will explain the operation and advantages of the program. Historical data on risks and rates of return will be presented so

that participants can choose appropriate

NOTICE: SECURITY CLASSES

INDUSTRIAL SECURITY FOR NAVY PROFESSIONALS (7 hrs.)

10 November; Tuesday, 0800-1600: Training Center, By: Linda Hall, Code C84301.

Intended audience: Acquisition personnel (Contract Specialists, Contracting Officers), Contracting Officer Technical Represen-tatives (COTRs), Contracting Technical Monitors, and other personnel involved in the implementation of

This class will discuss the Industrial Security Program, responsibilities of COTRs and acquisition personnel. Contract Security Classification Specification (DD254s). foreign participation, and unclassified

contracts Deadline: 30 October.

classified contracts.

SECURITY OVERVIEW (4 hrs.) 3 November; Tuesday, 0730-

Hall, Code C84301. This course is designed to provide employees with a brief security overview of information security, personnel security, operations security, computer security, and security education. The class will include short

films on safeguarding and marking of

classified information and foreign

1130; Training Center. By: Linda

ntelligence threat. Deadline: 27 October

investments. The group will also discuss budgets, borrowing, and saving techniques. Ample time will be allowed for questions and group interaction.

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

Deadline: 26 October