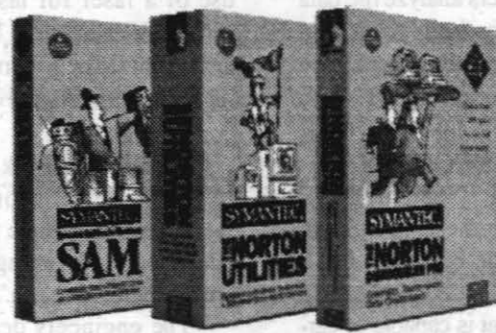




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Includes Software, Installation, Training, & 10 Users.

# THE ROCKETEER

THURSDAY, SEPTEMBER 8, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 18

## Team rehabs Hawk air defense missile systems

*Countermeasures will be tested against U.S.  
system, which is now on the foreign market  
and could be turned against American pilots*

By Peggy Shoaf  
Staff Writer

Because the Hawk, an American air defense missile system is on the foreign market, a threat to the safety of the United States' fighting forces exists.

Julius N. Wolfson, an electronics technician with the Electronic Combat Range Department's Radar Systems Branch at the China Lake site of the Naval Air Warfare Center Weapons Division, said this threat became even more apparent during Operation Desert Storm, when Iraq overtook Kuwait and captured the anti-aircraft weapon.

"I've heard rumors that our pilots had to fly against the Hawk Iraq captured from Kuwait," Wolfson said, "but I don't know if it's true or not. But, if it hasn't already happened, it can happen."

"The Hawk is an anti-aircraft missile system," Wolfson explained. "It locks on the aircraft, via a tracking radar, and illuminates it. The missile then goes after the reflected illuminated energy. We need to test countermeasures for that threat in an open air range test environment."

Because of this, the Electronic Combat Range Department purchased an old Hawk system, which had been in the boneyard of the Letterkenny Army Depot in Pennsylvania, to use as a testing tool to find the needed countermeasures.

Wolfson, along with two other electronics technicians from the department's Defense Systems Division, Joseph D. Roberts and Kenneth J. Mikel, were tasked with the job of making the unit operable.

"It was in pretty bad shape," Wolfson said. "Major parts and cables were miss-

ing, it was wired incorrectly and there were no technical manuals or documentation for it. We had to rely on a lot of what I remembered from when I worked on the Hawk in the Army in the 1970s."

Despite the many problems involved, however, these three technicians prevailed and repaired the Hawk as soon as possible.

Then, the three recalled the Hawk the department had received from the United States Marine Corps Depot in Yermo, Calif., more than 10 years ago. Since that time, though, the Hawk had sat in China Lake's boneyard for four or five years and was then lent to G-Range, which had it the rest of the time. This system, too, was inoperable and had to be repaired.

In all, it took two years of often frustrating work to repair the two systems. But that frustration was recently recognized with a NAWCWPNS Team Award.

Wolfson, Mikel and Roberts received the award from Capt. Roger K. Hull, NAWCWPNS vice commander, at the site meeting on May 2.

"You accepted the massive challenge and worked within your own job description to learn the logistics field to acquire parts, locate technical manuals and track all leads necessary to enable the system to work," read Hull from the letter of appreciation signed by RAdm. Dana B. McKinney, NAWCWPNS commander. "You accomplished this under a very primitive and adverse working environment; outdoors in the wind and other severe desert conditions, adapting and creating tools and equipment as needed. The speed with which you restored the radar and your efforts to keep costs low saved the government in excess of \$1.2 million."

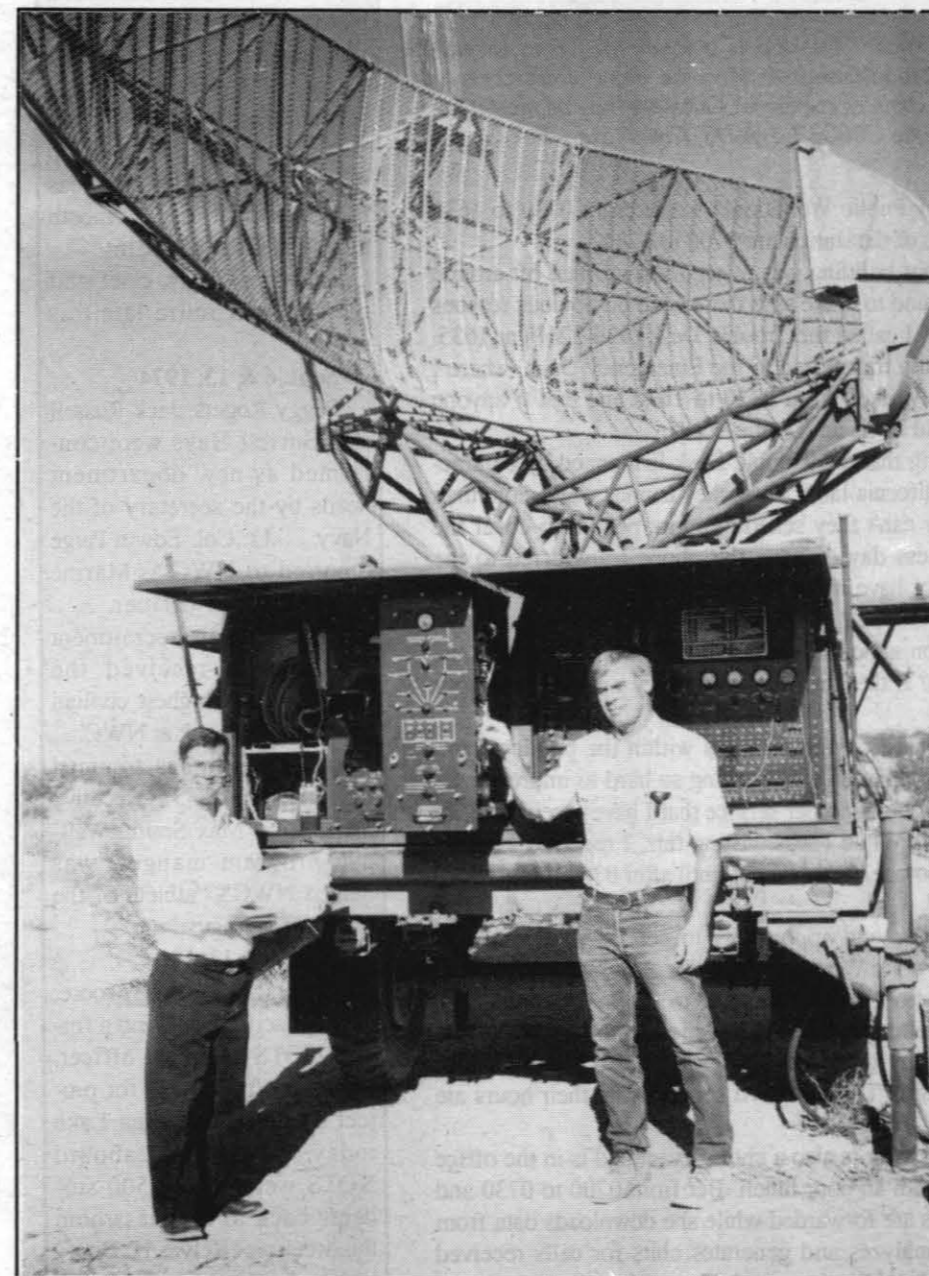


Photo by Margie Hammett

**OVERCOMING** a number of problems, Julius Wolfson, Dave Roberts and Ken J. Mikel (not shown) repaired two Hawk systems, including this Basic Hawk.

## Rockemissile, Missileteer, The Hard Times...name that paper

By Steve Boster  
Managing Editor

We need help.

The move to a competency aligned organization (CAO) brings a new day for the command newspapers at the China Lake and Point Mugu sites. As of January 1995, there will be one newspaper, and it does not have a name.

This is an invitation to all members of the Naval Air Warfare Center Weapons Division team to suggest a name for the new paper, keeping in mind that it will serve all of NAWCWPNS at all sites, including our tenant commands.

The Public Affairs team at Point

Mugu and China Lake will screen entries and submit the top 10 to the Division Executive Board (DEB) for a final decision. The winner will receive an On-the-Spot Award (\$100) and his/her photograph will appear in the first issue of the new paper on Jan. 20.

All entries must be in writing. Entries may also include suggested artwork for the paper's masthead flag.

To enter this contest, please send your idea to:

Name That Paper  
Code C0803 or P0703

All entries must be submitted by Nov. 1. The decision of the DEB is final.

### SAR responds to climbers in distress

Two Eastern Sierra rescues in one day are China Lake air alert crew's "most challenging"

10

### Long Jump '94 the best yet

Contractors, U.S. services and United Kingdom flock to mountain top test site

12-13

## Weather

	High	Low	Gusts	Humidity
Wed	109	64	21	26-11%
Thurs	108	66	22	16-10%
Fri	110	67	21	—
Sat	105	68	21	—
Sun	108	68	20	—
Mon	107	60	18	33-12%
Tues	107	61	16	38-11%

	High	Low	Gusts	Humidity
Wed	104	60	22	30-12%
Thurs	103	62	25	28-11%
Fri	101	62	21	30-11%
Sat	100	54	14	—
Sun	102	51	17	—
Mon	104	64	20	—
Tues	107	69	19	42-13%

## China Lake Calendar

### Monday, Sept. 12

• CSUB counselors at China Lake. Call Denise, 939-2648, for appointment

### Thursday, Sept. 15

• MWR-sponsored trip to the Pinnacles, 9 a.m.

### Saturday, Sept. 17

• China Lake Triathlon 1994, 8 a.m., NAWS China Lake Gymnasium

### Thursday, Sept. 22

• Oktoberfest hosted by German contingent of the FRG HARM Campaign, 7 p.m., Kerr McGee Center

### Thursday, Sept. 29

• End of lump sum retirement pay

### Friday-Sunday, Sept. 30-Oct. 2

• VX-4 Squadron Reunion, NAWS Point Mugu  
POC is Lt. Joseph G. D'Acquisto, DSN 351-8931

## THE ROCKETEER

### NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAdm. Dana B. McKinney

### VICE COMMANDER

Capt. Roger K. Hull

### DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

### DEPUTY COMMANDER FOR TEST AND EVALUATION

Gerald Wroat

### NAVAL AIR WEAPONS STATION CHINA LAKE

### COMMANDING OFFICER

Capt. Charles A. Stevenson

### Public Affairs Officer

CATHY PARTUSCH

### Managing Editor

STEVE BOSTER

### Editor

BARRY McDONALD

### Staff Writer

PEGGY SHOAF

### Staff

KATHI RAMONT

### Photographer

MARGIE HAMMETT, TID

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## The Commanding Officer's Desktop



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 mailed to "CO's Desktop," C/O Code CD8033, NAWS, China Lake.

### QUESTION

Is there a reason why Public Works only works from 0730 to 1630 when the business hours of the station are 0700 to 1700?

Today, the water to our building was mysteriously turned off around 1625. After looking around to make sure there were no obvious reasons for us not to have water, I called the Trouble Desk (939-2268) at 1635. My call was automatically transferred to the Emergency Desk, where I was informed that they worked from 0730 to 1630 and that if anyone would come out, it would be on an overtime call.

It is my understanding that the Trouble Desk is manned by contractors and, because of California labor laws, they cannot work more than eight hours a day. Why can't they schedule more people to cover the entire nine-hour business day or have the phone transferred to the Emergency Desk but not have it be the Emergency Desk from 0700-1700?

I also have a question about the workmen and women themselves. Aren't they civil service? If they are, why aren't they working nine hour days?

In this time of increased competitiveness within the public sector, and with so many government offices working so hard to improve customer service, I feel that the customer service that I have received today is less than satisfactory! (While I was writing this, I received a phone call informing me that no one would be out until after 0700 tomorrow!)

### ANSWER

This is a good question and opportunity to get the word out with regard to operations at Public Works. Some folks at Public Works, both Civil Service and contractors, work from 0700 to 1700. The trades people, however, are more often than not at job sites at lunch time. In the interest of efficiency, they pack their lunch and take one-half hour lunch breaks at the job site. They are civil servants and their hours are from 0700 until 1630.

The Trouble Desk operator is also a civil servant and is in the office from 0700 until 1700, with an hour lunch. But from 0700 to 0730 and from 1630 to 1700, calls are forwarded while she downloads data from the Emergency Desk, analyzes and generates chits for calls received during the night and prepares for the next day.

Shrinking budgets have forced some difficult choices on all departments with regard to allocating scarce resources. After hours, Public Works is now only able to respond to emergency calls. NAVFAC defines an emergency as situations that may result in loss of or damage to government property, disruption of essential services or hazards to personnel or equipment. True emergencies will be handled promptly.

Public Works takes their responsibilities to their customers very seriously. Constructive feedback from customers is essential for the improvement of any product, service or system. Our responsibility as customers is to give this feedback; both positive and negative, keeping in mind that there are frequently many considerations that are not obvious to the customer. Thanks for the feedback.

## Oktoberfest celebration slated for September 22

China Lakers and members of the general community will have an opportunity to enjoy authentic Bavarian Music (live brass band), genuine German food and beer, and dancing and traditional sing-alongs when the German contingent of the FRG Harm Campaign at China Lake hosts an Oktoberfest Thursday, Sept. 22. Festivities will begin at 7 p.m. at the Kerr McGee Center in Ridgecrest.

Advance (only) tickets are \$12 each and may be purchased at the Craftech Center on Richmond Road across from the Navy Exchange Gas Station and at Hitter's Restaurant, 815 China Lake Blvd. Tickets will not be sold at the door.

## Pages From The Past

### Sept. 7 & 14, 1984

Leroy Doig III and Cliff Lawson of the Technical Information Department were honored for their writing efforts as NWC won the VADM. Niblack Award for the best command history. . . China Lake's airfield and ranges were used in a massive joint-service exercise, "Gallant Eagle 84". . . Efforts continued at NWC to clean up flood debris and get all areas back to normal nearly a month after the flash flooding. . . Capt Scotty Vaught, chief staff officer, will retire late this month.

### Sept. 6 & 13, 1974

Peggy Rogers, Jack Russell and Burrell Hays were confirmed as new department heads by the secretary of the Navy. . . Lt. Col. Edwin Paige reported to NWC as Marine Corps liaison officer. . . Robert Nelligan, recruitment coordinator, received the Navy's second highest civilian award for his work at NWC. . . Cdr. Bill Smith has assumed the duties of VX-5's executive officer. . . Max Smith, Wall-eye program manager, was named NWC's "athlete of the month" for August.

### Sept. 4 & 11, 1964

Admiral Thomas E. Moore, CINC, Pacific Fleet, and a former NOTS technical officer, made an official visit for project briefings at China Lake today. . . Schools aboard NOTS welcomed 2,500 students back to the classroom this week. . . Kelvin H. Booty became the first NOTS employee to receive a 20-year pin for China Lake service. . . Bill McEwan and Charles Drew used home-built gliders to compete in the Southern California Soaring Championships held at Inyokern.

### Sept. 3 & 10, 1954

Record enrollment is expected when local schools open to students for the new year next week, noted Superintendent Earl Murray. . . Bob Meeder, Burroughs football coach, expects 80 players to report when practice opens. . . Paul Buchanan has been named head of the NOTS Training Division, following the departure of Milton Smith for Norton AFB. . . Donald Morrison of the Central Staff is leaving China Lake to work for BuOrd at Corona.

## F-14 from Page 14

target and why it missed. After a mission has been flown, engineers analyze the data and make corrections for future sorties.

"The F-14D has tremendous capability with the APG-71 radar and digital architecture to take care of a lot more things than the older analog AWG-9 radar system did," said Einhorn. "The F-14D has the potential to be like the F-15E Strike Eagle and maybe a little bit better, but it takes money."

Currently, the Tomcat is capable of carrying four Phoenix missile weapon rails to carry Mk-76, Mk-82, Mk-83 and Mk-84 general purpose bombs. The improved triple ejector rack is able to carry up to 12 Mk-76 bombs. When completed, the F-

14A/B upgrade program will allow the use of a laser for laser-guided bombs. NAWCWPNS Point Mugu is currently testing the Mk-76 bomb. When that testing is completed, the Mk-82, 83 and 84 bombs will follow.

"Most of our work has been with the Mk-76s," said Einhorn. "You can drop them, pin point where they land and flush out timing and aiming errors. They also are inexpensive to use."

"The engineers design the software, and flight test members, both technical and aircrews, test and analyze the data along with the design engineers. It's a real team effort," said Einhorn. "We are learning every day to work out the growing

pains as in any new system."

The general purpose bombs are carried under the center of the Tomcat between the jet engines. A unique concern for the F-14D is the dual chin pod housed underneath the Tomcat's nose. Airflow created from the dual chin pod may affect the bombs when released, which in turn will affect delivery accuracy.

"Patuxent River is currently performing bomb drops to determine if there is a problem," Einhorn continued, "We are concerned about bombing accuracy." Up to 12 flights will be made at NAWCAD to address this problem.

While the Tomcat may be somewhat limited as to how many bombs the aircraft

can carry, the goal is to make the F-14 as accurate as the F/A-18 Hornet in air-to-ground bomb delivery.

Einhorn feels the F-14 community is hungry for the new strike role. He said the F-14A is a good bomber, and the F-14D is coming along well.

"Everyone wants to get into the business, the F-14 is a marvelous airframe and the Tomcat has an excellent capability of performing long range strikes," said Einhorn.

Don't be surprised the next time you see a NAWCWPNS F-14 Tomcat loaded with bombs, as the Tomcat becomes the Bombcat.

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BUSINESSES.....30  
AUTOMOTIVE.....35  
MISC. FOR SALE.....40  
WANTED TO BUY.....42  
PETS & SUPPLIES.....45  
GARAGE SALES.....50

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### 40 MISC. FOR SALE

15 CU. FT. upright freezer, 1 yr. old; 6.0 mph DP Treadmill, 1 yr. old; Ergometer exercise bike; 384-3405 after 6:00 p.m. (0908)

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

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Advertising  
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## MWR directory

<b>Auto Hobby Center</b>	939-2346
Tuesday-Friday	11 a.m. to 8 p.m.
Open Flex Friday	11 a.m. to 8 p.m.
Saturday & Sunday	9 a.m. to 6 p.m.
Closed Mondays	
John Pirotska, Manager	
<b>Bowling Center</b>	939-3471
Snack Bar	939-8865
Monday-Friday	10 a.m. to 8 p.m.
Saturday, Sunday & Holiday	10 p.m. to 8 p.m.
John Pirotska, Manager	
<b>Child Development Centers</b>	939-6681
Monday-Friday	6:30 a.m. to 5:30 p.m.
Closed Flex Friday	
Debra Oliver, Manager	
<b>Crafts &amp; Information, Ticket &amp; Tour</b>	939-3252
Monday-Thursday	10 a.m. to 7 p.m.
Friday (including Flex)	10 a.m. to 3 p.m.
Saturday	10 a.m. to 3 p.m.
Closed on Sunday	
Pat Pirotska, Manager	
<b>Family Child Care (FCC)</b>	939-6681
Monday-Friday	6:30 a.m. to 5:30 p.m.
Closed Flex Friday	
Janet Presley, Coordinator	
<b>Golf Course</b>	939-2990
Daily	6 a.m. to dusk
<b>Snack Bar</b>	939-2563
Sunday-Monday	6 a.m. to 7 p.m.
Tuesday-Saturday	6 a.m. to 8 p.m.
Tom Page, Manager	
<b>Gymnasium</b>	939-2334
Monday-Friday	5:30 a.m. to 9:30 p.m.
Flex Friday	5:30 a.m. to 9:30 p.m.
Saturday	8 a.m. to 9:30 p.m.
Sunday & Holidays	10 a.m. to 6 p.m.
Gear issue hours vary, depending upon the type of equipment being checked out.	
Karen Rivers, Gym Manager	
<b>Library</b>	939-2595
Monday-Thursday	11 a.m. to 8 p.m.
Friday & Saturday	Closed
Sunday	10 a.m. to 6 p.m.
Elizabeth Shasteler, Librarian	
<b>Main Office</b>	939-2010
Monday-Friday	7 a.m. to 5 p.m.
Closed on Flex Friday	
<b>Movies' On Up Center</b>	939-2909
Monday-Friday	6:15 a.m. to 5:45 p.m.
Closed on Flex Friday	
Letta Drake, Acting Manager	
<b>Pools</b>	
China Lake Community Pool	927-3721
Solar Park Pool	939-3980
Hours are seasonal. Call the gym for specific hours.	
Wendy Burge, Coordinator	
<b>SATO Leisure Travel</b>	446-7751
Monday-Friday	8:30 a.m. to 5 p.m.
Flex Friday	10 a.m. to 2 p.m.
Sherry Clark, Manager	
<b>Seafarer Club Office</b>	939-8658
Monday-Friday	8 a.m. to 4 p.m.
Closed Flex Friday	
CPO Lounge	
Monday-Friday	3:30 to 9 p.m.
Closed Flex Friday	
Dining Room	
Monday-Friday	11 a.m. to 1 p.m.
Closed Flex Friday	
Sunday brunch	9:30 a.m. to 1:30 p.m.
Pizza Sports Bar-Freddy's Place	939-2581
Monday-Thursday	11 a.m. to 10 p.m.
Friday	11 a.m. to 11 p.m.
Flex Friday	5 to 11 p.m.
Saturday	5 to 11 p.m.
Sunday	10 a.m. to 5 p.m.
Pizza/Sandwich Delivery Hours (with a minimum order of \$10)	5 to 9 p.m.
<b>Barfoot Bar</b>	939-3166
Wednesday & Friday	4 to 9 p.m.
Thursday of Flex Week	4 to 9 p.m.
Phil Madrid, Manager	
<b>Stables</b>	939-3471
Monday-Friday	8 a.m. to 5 p.m.
John Pirotska, Manager	
<b>Teen Center</b>	927-TEEN
Monday-Thursday	10 a.m. to 9 p.m.
Friday	10 a.m. to 11 p.m.
Saturday	Noon to 9 p.m.
Closed on Sunday	
James Morrison, Supervisor	



Pete Romanski, Acting Director, MWR  
Pete Romanski, Deputy Director, MWR

## Tables, chairs for rent

Codes or individuals at NAWS China Lake can now rent folding tables and folding metal chairs from the Morale, Welfare and Recreation Department. Daily rental fees are \$4 per table and 50 cents per chair. A returnable \$20 deposit is required per table, as is a \$2 deposit per chair. For more information, call 939-3975.

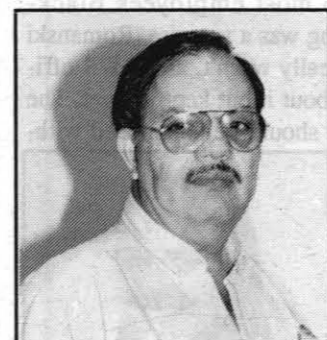
## CHANGES, from Page 21

Rivers, the gym manager. The previous sports director, Elaine Jackson, moved out of MWR to take another job at China lake.

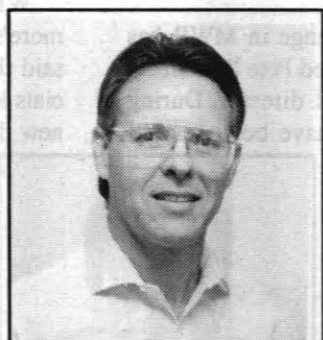
"These are people seizing the opportunity to fulfill even more of their potential by assuming new duties and responsibilities with the MWR team," Romanski said. "Whether they are relatively new in their positions or not, together they all combine to make a truly dynamic MWR management team."



Barbara Jubrey



Phil Madrid



Loy Vincent



Letta Drake



Karen Rivers

## Pete Romanski takes over as deputy director

By Peggy Shoaf  
Staff Writer

Leaving the Navy after 10 years of service, Pete Romanski decided to visit some old Navy buddies before settling down into a career. He came to China Lake intending only a weekend visit, that was 11 years ago.

"It's been a long weekend," said Romanski, who took over the duties of the deputy Morale, Welfare and Recreation Department director at the Naval Air Weapons Station China Lake on July 20. Since July 22, he's also been acting as MWR director, filling in for Tom Blackmore, who left for a job in Texas. A new director should be announced within the next couple of weeks.

Romanski started his China Lake career as a contractor, serving as the assistant department head for Pan American World Services' Supply Operations. He then became the business manager for the Sidarm Missile Program and later joined the Harm Low-Cost Seeker

management team. He later served as the division administrative officer for the Weapons Systems Development Division. Before taking over his present position, Romanski was on detail to the ARM Weapons Business Management Office.

He admits that switching from the technical fields to MWR was a big change, but he was "intrigued by what seemed to be a very exotic world." When asked to compare the two fields, he laughed and said, "It's like changing planets."

But whether working in the Navy, private business or MWR, management and business skills are needed. "MWR is a department in a functioning business organization," Romanski explained. "Our product is different, but good leadership and management principles apply here the same as they do in any well run organization."

**Comparing the switch from the technical field, Romanski said, "It's like changing planets."**

The new deputy director admits there have been a lot of changes in MWR in the past year, especially in personnel (see related story). When explaining why, he said, "Changing times have dictated a changing approach to our charter, which is

a quality of life charter—to provide our Sailors and Marines, their families and units, and DoD civilians and their families with mental, physical, social and educational enrichment."

Romanski feels that the MWR team in an integral part of making this charter come alive. "I'm very impressed to be part of this team," he said. "Through their (the employees') help and head-quarter's support, I've survived these past six weeks. The challenge came quickly, and I've enjoyed every minute of it."

But even so, the new deputy director said he is looking forward to the new director coming onboard and completing the MWR team.

## Triathlon set for Sept. 17

Time is running out to register for the annual China Lake Triathlon.

China Lake Triathlon 1994 will take place Saturday, Sept. 17, starting at 8 a.m. at the China Lake Community Pool. This event is divided into two sections—a long course and a short course.

The long course consists of an 800-meter (1/2-mile) swim, a 40-kilometer (24.84-mile) bike ride and a 10-kilometer (6.2-mile) run. The short course consists of a 200-meter (.125-mile) swim, a 13.2-kilometer (8.2-mile) bike ride and a 5-kilometer (3.1-mile) run.

Each section will be divided into categories. The Individual Category is divided into Men and Women divisions in the following age groups: 13-17, 18-29, 30-39, 40-49, 50-59, and 60 and over. The Team Category consists of Men's, Women's and Mixed divisions.

Entry fees are \$5 per individual competitors, \$7 per two-person teams and \$9 per three-person teams. In addition, each team is responsible for bringing in at least one volunteer. Volunteers can register at the Naval Air Weapons Station China Lake Gymnasium. A minimum of 43 volunteers are needed to support this race.

Pre-registration is encouraged. A late fee of \$5 will be added to the entry fee for registrations received after Sep. 15. Race Day registration will be between 7 and 7:30 a.m. No entries will be taken after that time. Registration forms can be picked up at the gym.

A free swim party will be held for all entrants, families and volunteers following the race. In addition, triathlon t-shirts and tank tops will be on sale for \$8 each.

All checks should be made out to MWR-TRI. Entries can either be mailed to the Sports Division, MWR Department, Code C864, Naval Air Weapons Station, China Lake, CA 93555, or dropped off at the gym, which is open from 5:30 a.m. to 9:30 p.m. Monday through Friday, 8 a.m. to 9:30 p.m. on Saturdays and 10 a.m. to 6 p.m. on Sundays and holidays. Be sure the entry form has been completed and signed.

People wanting to link up with other potential team members, or who would like to volunteer to help make this race a success, can call Karen Rivers, gym manager, at 939-2571.

## F/A-18 Hornet project pilot

# Tanner makes bid to become space shuttle driver

By Barry McDonald  
Editor

By the end of the month LCDr. Lori Tanner will know if she'll be among 28 astronaut trainees from 120 candidates under consideration. A project pilot for the F/A-18 Weapons Systems Support Activity, Tanner, with the other candidates, underwent an intense and thorough 6-day screening process at



LCDr. Lori Tanner

Johnson Space Center in Houston in early July.

The regimen included six days of psychological testing, physical testing and examination and a panel interview.

"They checked out everything on us that could possibly go wrong," she said. "They did complete blood workups, EKGs, sonograms, treadmill tests and just about anything you could think of."

She explained that one test involved being enclosed in a small sphere similar to an escape pod for an indefinite period while connected to a heart monitor.

The interview was conducted by astronauts and NASA administrators in a very relaxed atmosphere, she said.

"It didn't really seem like we were in a competition, even though the 120 there were chosen from thousands of applicants, and it really is very stiff competition," she said. "All of the candidates were very well qualified and any of them would make good astronauts. Everyone was very friendly, including the other astronaut hopefuls and interviewers, and it made for a pleasant experience."

This is the first astronaut selection conducted in three years, and they will be selecting pilots and mission specialists. Tanner is looking to become a space shuttle pilot, fulfilling a goal she set in college.

A native of South Holland, Ill., Tanner graduated from Thornwood High School in 1978 and entered

Michigan State University, where she earned dual bachelor of science degrees in mechanical engineering and theoretical and applied mechanics. Having decided she wanted to be an astronaut, she learned to fly small aircraft while still in college, and got into the Air Officers Candidate School program.

Upon graduation she entered the Navy in 1983 and went immediately to flight school in Kingsville, Texas, earning her wings in 1985. She stayed in Kingsville for one more year as a T-2 instructor with VT-23.

In 1987 she became an A-7 pilot with VAQ-34 at Point Mugu, before heading to the Naval Postgraduate School in Monterey, Calif., in 1989. After earning her master's in aeronautical engineering in 1990, Tanner joined the 100th class at the Naval Test Pilot School, Patuxent River, Md. She then served a tour as a test pilot with the Strike Test Directorate at Pax from 1991 to 1992, before returning to the test pilot school for a year as an instructor.

After a short stay with the Hornet fleet replacement squadron, VFA-106, at NAS Cecil Field, Fla., Tanner reported to the F/A-18 WSSA at China Lake in June of this year. If selected to become an astronaut, she will report in January 1995.

Her husband, Capt. Roger Tanner, is an Air Force F-15 pilot and will begin test pilot school in January 1995.

## Cdr. James D. Hammontree, former White Sands XO

# Mustang chronicles 35-year trip to becoming a desert rat

By Barry McDonald  
Editor

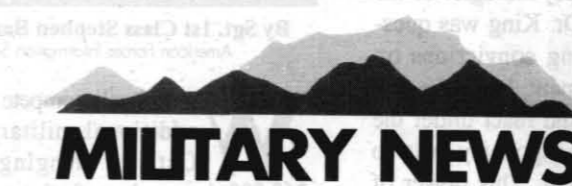
Another Army post! Ah, but away from New York. Another XO tour, but away from the ocean. Another desert, but compared to the deserts I've seen in Jordan, Israel, Egypt, Sinai, Saudi Arabia, Somalia, Peru and Chile, this one will do quite nicely, thank you very much," so reads an excerpt from Cdr. James D. Hammontree's own account of his career. He was discussing his assignment to the Naval Ordnance Missile Test Station (now the White Sands, N.M., site of NAWCWPNS) from which he ended his 35-year Navy career on Aug. 31.

The account chronicles not just the events, but some of Hammontree's thoughts and feelings over the course of nineteen different duty assignments, seven aboard ship, and his involvement in the Vietnam War and other sites of global tension spanning four decades.

After enlisting in the Navy Reserve before completing high school, he began continuous active duty on Sept. 1, 1959. He attended boot camp at Great Lakes, Ill., subtly noting his father and son had also. Requesting missile technician school, he was sent to electronic technician school, after which he requested submarine training and was sent to USS *Snowden*, a reserve training ship. On this ship he said he "learned what not to do as an officer." While he was aboard, *Snowden* was involved in the blockade of Cuba during the missile crisis.

The account shows a comedic frustration of not getting what he wanted and playful contempt for officers. Aboard his second ship, he writes that he "worked for great chiefs; officers still a disappointment."

At his next assignment, NAS Glynnco, Ga., he felt "shore duty was strange, as were the aviators," but there were "more great chiefs to learn from and finally some great officers—two, even if one was a brown shoe



LDO." By now a first class petty officer, again he applied for submarine training, and this time went to advanced ET school, where he earned his "first and only Good Conduct Medal...Hey I had fun," he writes.

Aboard USS *Long Beach* he saw action in Vietnam on Tonkin Gulf combat patrols and boasts that *Long Beach* was the "first ship was to shoot down hostile aircraft with missiles. Five confirmed with Talos." It was on this ship that he made chief and he said he enjoyed working as a chief. His attitude changing gradually, he notes, "Still more great officers."

Within a couple of years (1970) he was selected for and made warrant officer, and in two more years he made chief warrant officer. He then embarked on USS *Preble*, making two more WestPacs with involvement in Vietnam. "Was in fire-fight near the DMZ when cease fire went into effect," he writes, "(but) didn't quite break off just because of the clock. We waited until we were outside of NVN arty." On *Preble* he was also involved in the Arab-Israeli war of October 1973. "(We) ran an Egyptian blockade, embarrassed the Soviets and really stressed 7th Fleet logistics."

In 1975, after being one of the very first LDOs to earn surface warfare officer qualification, he was promoted to lieutenant junior grade and transferred to Great Lakes as director of ET schools. "(I) barely made it through as a student, and 16 years later, I'm in charge," he notes.

After making lieutenant in 1977, he was transferred to a brand new ship, USS *Conolly*, during its pre-com-

missioning. After 10 months they were allowed a SpecOps detail of tailing the Soviet Caribbean task group and were then finally given a deployment. "A strange one, too," he writes, "Persian Gulf and Red Sea surveillance when Iraq and Iran started their little war in 1980." He also noted that *Conolly* had a "much better percentage of competent officers."

He made lieutenant commander and was transferred to Commander, Oceanographic Systems Atlantic, where he says, "I was a staff puke." With his detailer forecasting a carrier in his future, he requested conversion to unrestricted line officer. "While I had a lot of SWO experience, I did not have a college degree, but a waiver was granted (officers didn't have to be very smart back then (1983))."

After department head school he was assigned to USS *Lewis B. Puller* as the combat systems operator, where he made a couple more WestPacs. He notes the ship "covered the backdoor when the Marcos government fell," and he served an adventurous assignment as liaison officer with the Korean mine forces.

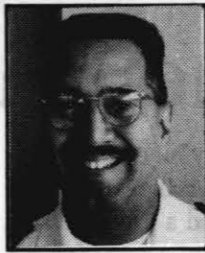
His next assignment was as an executive officer aboard USS *Hewitt*. "All of the trick (anti-submarine warfare) gadgets you can imagine were distributed among the squadron," he writes. "(We) drove the Soviets nuts." On *Hewitt* he made commander.

In 1989 he began a tour as Military Prepositioning Ships project officer with Military Sealift Command (MSC), Atlantic in Bayonne, N.J. "If we didn't have MSC, we wouldn't have had Desert Storm," he notes. "The first fast sealift ship to arrive in theater unloaded more equipment for the Army than the U.S.A.F. was able to fly over using all available transports in their inventory around the clock."

Then in 1992, he came to the Chihuahu Desert in New Mexico, where at his White Sands retirement ceremony last month he was admitted to the Royal and Ancient Order of the Desert Rat.

## Chapel Call

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



### A matter of trust

The scene is an ice cream parlor. The characters are two large turtles and a small one. Each of the turtles orders an ice cream sundae. As they wait for their orders to be filled, they notice that it has begun to rain. Whereupon, one of the big turtles says, "We're going to need an umbrella." The little turtle is reluctant to go for the umbrella because he is afraid that the two big turtles will eat his sundae. However, they solemnly promise not to, and the little turtle starts off.

A week goes by, then another. At the end of the third week, one of the big turtles turns to the other and says, "Let's do it. Let's eat his sundae." And immediately from under the counter at the other end of the parlor comes the voice of the small turtle, "If you do, I won't go for the umbrella."

"You never know whom you can trust these days" is one of the standard laments of our times. Those turtles seem almost human. I mean, what in heaven is going on! When you take a look around you, it's evident that some things don't make sense in life. It's like the baseball strike, where players earning millions are struggling for more. It doesn't make sense! This is where life becomes a matter of trust.

It's a matter of trust! You might be at the airfield thinking; how can you overcome your lack of trust of your peers? Maybe the high-tech security mode at Michelson Lab makes you a little jumpy. Maybe you're experiencing a tough moment in life. Let me tell you something my friend; it's a matter of trust!

The Bible recalls in Luke 8:22-25 an interesting story of Jesus and his disciples crossing the lake of Galilee on a small boat. Halfway across a storm sur-

prises them and at the imminent danger the disciples panic. Meanwhile, Jesus is sleeping. The disciples awake him and Jesus reproaches their lack of trust. Why? It's normal to panic when danger lurks in our domain. It's normal to feel that God has abandoned us when things are not going our way. It's normal to feel forsaken when nobody comes to the rescue. It's normal to say nobody understands me or everybody is against me, when our eyesight of life is blurred.

Jesus reproaches the disciples for their panic because they, like many of us, sometimes lack trust in God. Before Jesus and his disciples got in the boat and left the safety of the shore, he said: "Let's go over to the other side of the lake." My beloved friend, one thing is certain, if Jesus said it, you can bet on it that it would be done, no matter what type of storm they encountered.

It's a matter of trust! Dr. Martin Luther King was interviewed by Dr. Clark, a well-known psychologist of his time in 1963. When Dr. King was questioned about his strong convictions on his non-violent movement, he spoke that the only way to live and react under the pressure of abuse and poverty was to develop a power of soul. This power of soul was the only way to overcome the power of abuse. This power of soul is based on trust that God one day will turn the darkness of your dungeon into a bright heaven, trusting that one day strength of character will flow from within your heart and you shall blossom into a powerful soul.

I invite you to overcome your trials and crises, whoever you are and wherever you work, by trusting God and giving birth to a power soul. It's a matter of trust!



Photo by PH2 Craig Byers

**CHANGE OF COMMAND**—Adm. Ronald J. Zlotoper (left) relieved Adm. Robert J. Kelly as commander in chief, U.S. Pacific Fleet, Aug. 6, aboard USS Carl Vinson.

### Floral Boutique ready for special events

China Lake's Navy Exchange Floral Boutique is ready to meet the needs of employees for the rest of the year. This includes the Navy Ball in October and department Christmas parties.

Jill Hartman, the Exchange's floral designer, also offers help in planning arrangements for dinner parties and banquets. For a personal consultation call 446-4698.

### Command urges personnel to get dental exams

Annual dental exams are required for all active duty personnel in accordance with Manual of the Medical Department NAVMED P-117. Branch Dental Clinic China Lake performs these exams, including all necessary radiographs, without the need for an advance appointment during the patient's birth month.

They can simply report to dental during sick call hours, 7 to 8:15 a.m. or 12:30 to 1:15 p.m.

While these annual recall exams are due during the patient's birth month, any dental changes, questions or concerns can be addressed on a walk-in basis during sick call hours.

### Military opens more jobs to women

By Sgt. 1st Class Stephen Barrett, USA  
American Forces Information Service

Women will compete for 80,000 additional military positions Oct. 1, bringing to nearly 260,000 the number of jobs opened to service women since April 1993.

The changes, announced at a Pentagon news conference July 29, affect Army and Marine Corps ground forces. Changes allow assignment of women in Army brigade-level combat units and Marine Corps expeditionary headquarters elements.

DoD policy still excludes women from infantry, armor and field artillery career fields. They cannot take assignments to company and battalion-level units whose primary mission is direct ground combat. DoD also prohibits assignments to units co-

located with combat elements and assignments with direct-combat special operations forces.

Women may compete for air defense artillery staff positions, selected engineer specialties and fixed-wing aviation positions. However, they cannot accept assignment with short-range artillery units, nor may they accept certain special forces assignments.

"We need to begin with our basic goal," said Edwin Dorn, undersecretary of defense for personnel and readiness. "We wanted to ensure that we have the most ready and effective force possible."

To do that, Dorn said DoD must draw from the largest available talent pool and select the most qualified individual for each military job. "That led to the decision to

Please see **WOMEN'S JOBS**, Page 20

## All Faith Chapel Services

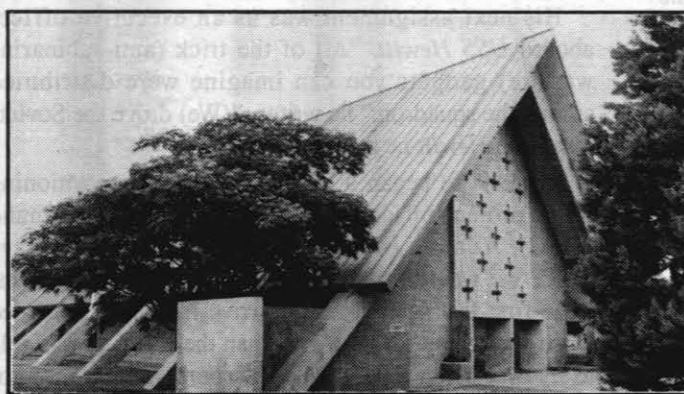
Hearing Impaired Equipment and Nursery Available

### Protestant

Sunday Worship Service, East Wing 8:00 a.m.  
Sunday Worship Service, Main Chapel 10:30 a.m.  
Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.  
(September thru May)  
Bible Study (East Wing), Wednesday 9:00 a.m.  
(September thru June)  
Men's Prayer Breakfast, East Wing, Thursday 11:30 a.m.  
Adult Bible Study, East Wing, Thursday 6:30 a.m.  
& 1903-05 Mitscher 7:00 p.m.  
Weekly Services, Friday, East Wing 7:30 p.m.  
October through June  
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.  
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon  
September through June  
Religious School, Sunday, 1902 Dibb 9:30 a.m.-12:30 p.m.

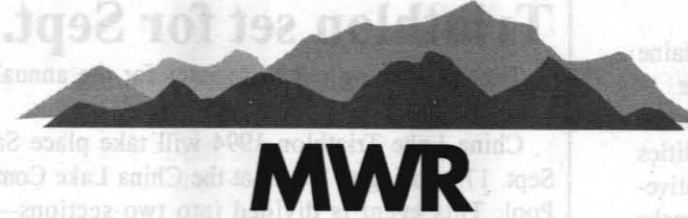
### Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.  
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.  
Confessions, Sundays 8:15 - 8:45 a.m.  
Confessions, Weekdays By appointment  
Religious Education Classes, Sunday 10:30 a.m.  
(September thru May)  
1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher  
Adult Education Classes, Thursdays 7:00 - 8:00 p.m.  
(September - May)  
St. Ann's School Library 8:15 - 9:45 p.m.  
RCIA, St. Ann's School Library  
Islamic  
Jumaa Prayer, Friday (1002 Blandly) 1:00 p.m.



Chaplain T. Melo, LCdr., CHC, USN  
Chaplain David Alicea, Lt., USNR  
Chaplain Jay Heyman, Lt., CHC, USNR  
Chaplain Steve Legman, Lt., CHC, USNR

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# THE INSIDER

## The past year sees many changes, especially in management

By Peggy Shoaf  
Staff Writer

Changes, changes, changes. There've been so many lately, that it can be hard to keep track of what's happening. The same is happening with the Morale, Welfare and Recreation Department at the Naval Air Weapons Station China Lake.

Not only has MWR created a new Teen Center, headed by James Morrison, it has moved its Movin' On Up Program

from the Youth Center to the old galley located at Inyokern and Hussey roads. The Youth Center will now be used for a variety of activities, including roller skating, roller blades, hockey and so forth. Hall Lanes, China Lake's bowling center, has made a number of improvements, including adding booths to its snack area.

But the biggest change in MWR has been in personnel, noted Pete Romanski, the new deputy MWR director. During the past year, there have been several

major changes in management.

Romanski, who replaced Sonja Johnson, came aboard July 20 (see related story on Page 22). Two days later, Tom Blackmore, who was the MWR director, left. "I'm afraid it sent the wrong signal to the troops," Romanski said with a chuckle.

While to most employees Blackmore's leaving was a surprise, Romanski said that it really wasn't, as NAWS officials knew about it but kept it quiet. The new director should be announced with-

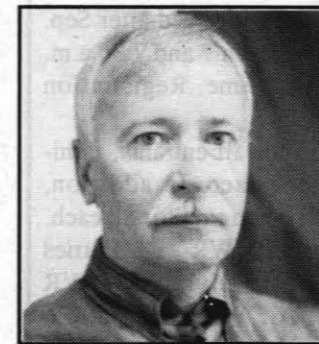
in the next couple of weeks.

Other changes in personnel this past year include a new facilities manager, Pete Spargo, who replaced Jim Cantrell; a new department secretary, Jean Copeland, who stepped in for Cheryl Hayes; Melissa Finell taking over as MWR's personnel specialist without contact relief; Barbara Jubrey becoming MWR's new payroll specialist, replacing Becky Reed, and Phil Madrid, who replaced Sam Salyards as the club manager.

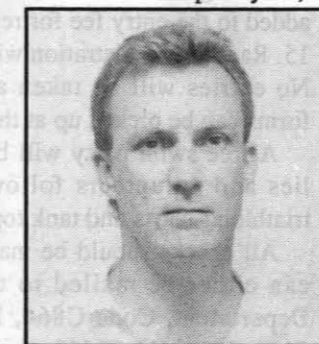
In addition, Loy Vincent left his position as Youth Activities director to take on the role as MWR's special events coordinator and to help out with publicity until a new publicity chairperson can be hired to replace Debra Poindexter. Poindexter left to take another job at China Lake.

Letta Drake took over Vincent's old position as Youth Activities acting director, and acting as sports director is Karen

Please see **CHANGES**, next page



Pete Romanski



Pete Spargo



Jean Copeland



Melissa Finell

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\*Performance: About as fast as a Pentium for regular use and slower than a Pentium for heavy numeric use.

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## WOMEN'S JOBS from Page 4

improve opportunities for women. It will contribute to readiness, but it also enhances fairness," he said. Under directions from former Defense Secretary Les Aspin, DoD began opening opportunities to women in April 1993. The first phase opened nearly 42,000 positions—most dealing with combat aviation assignments and duty aboard noncombatant Navy vessels.

That number jumped another 136,000 last November when Congress repealed the prohibition keeping women off combat vessels. Dorn mentioned Defense Secretary William Perry's visit with the first women assigned to the USS *Eisenhower*. He said by this fall, nearly all positions aboard ship will be open.

Once Congress repealed the law, Aspin published a memorandum in January redefining direct ground combat. The memorandum set the rules governing personnel assignments to those units. Dorn said the services used that guidance to

evaluate units and duty positions for future openings.

The result opened nearly 33,000 Army and 48,000 Marine Corps positions. With these changes, over 80 percent of DoD military jobs and 92 percent of career fields are now open to women.

In the Army, women may hold 67 percent of the jobs, with 91 percent of career fields now open. Marine Corps women now compete in 62 percent of the jobs available, and are eligible for 93 percent of all Marine career fields.

By comparison, Navy women compete for 94 percent of all positions and are in 93 percent of the career fields. Over 99 percent of Air Force career fields and jobs are open to women.

Dorn admitted it's not likely there will be a female Army chief of staff or Marine Corps commandant in the future because of the ground combat prohibition. However, he said, it's possible for women to compete for Air Force chief of

staff or chief of naval operations.

He added recruiters aren't looking for four-star general candidates. "Our recruiters focus on the possibility of a meaningful career," said Dorn, "and the meaningful career is here. It's here much more than it was 15 months ago."

Dorn said he hopes the changes can increase women's armed forces representation. "Right now, women do not have a high propensity to enlist in the armed services," he said. "I think that's partly because the armed services have not made a vigorous effort to attract women."

Next year, Dorn said a new marketing campaign will target recruiting women for military service. "We're going to make a much more vigorous effort to attract women," he said. "We put ads in *Sports Illustrated*, *Mechanics Illustrated*, other magazines that young men read. It seems to me we ought to put advertising in the types of magazines that young women are more likely to read."

## Eichenberg receives Legion of Merit Award for reserve effort during Operation Desert Storm

By Barry McDonald  
Editor

Folks at China Lake know him as the head of staff for the Intercept Weapons Department, but until 1993, in some circles he was also known as lieutenant colonel, U.S. Army Reserves. He spent little-known two-week reserve tours in various assignments, but when he was called up for Desert Storm for a 60-day tour, Bill Eichenberg's cover was blown.



Bill Eichenberg

Eichenberg served a total of 28 years in the Army—only two and a half active, but a year and a half of that was in Vietnam. He entered the service with a two-year commitment to active duty from the ROTC, but extended for six months. Then for more than 20 years he served two-week service and training tours annually. But when the Logistics Operations Center at Headquarters, Department of the Army, went to 24-hour-a-day status during Operation Desert Storm, he was called up.

A subsequent executive order, however, allowed for extending reserve tours to up to two years. Eichenberg's lasted from December 1990 to September 1991. Then in August 1993 he retired from the

reserves. He received a Meritorious Service Medal for his participation in Desert Storm, and this past May he was also awarded the Legion of Merit, the seventh highest honor the military can bestow, for his service with the Logistics Operations Center.

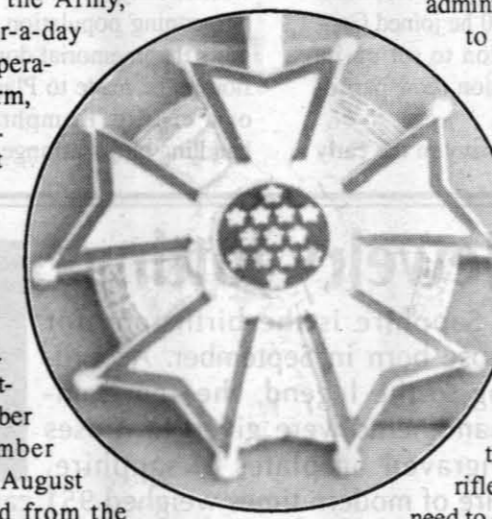
"We had been pre-selected and trained to fill in the positions we took to support the Army logistics effort from the Pentagon," Eichenberg said of his Desert Storm call-up. "I worked nights helping to coordinate airlift and sealift operations of troops and equipment, trying to identify and solve any glitches or bottlenecks that might tie things up. We talked to Saudi Arabia every day and provided regular status reports projecting when various shipments should arrive."

"It was a very interesting time. I got to work at a high level and got to see all the movers and shakers in action. I even had to take care of some business at the White House once."

Eichenberg noted that the Legion of Merit was not just for his service during Desert Storm, but for service during his entire five-year reserve assignment to the Logistics Operations Center. He added that his previous assignment had been with Central Command in Florida. "That was General Schwarzkopf's command," he said, "and had I still been assigned there I would have gone over to Saudi Arabia when the whole command deployed."

The experience was very rewarding for him, he said, and noted he appreciated the opportunity to have been involved in the memorial ceremonies and victory parade in Washington when the conflict was over.

A former Ridgecrest city administrator before coming to work at China Lake 11 years ago, Eichenberg said, "I really enjoyed my time in the reserves. I've always supported the concept of the civilian soldier; it's what the country was founded on. You leave your plow and mule in the field, grab your rifle and go do what you need to do."



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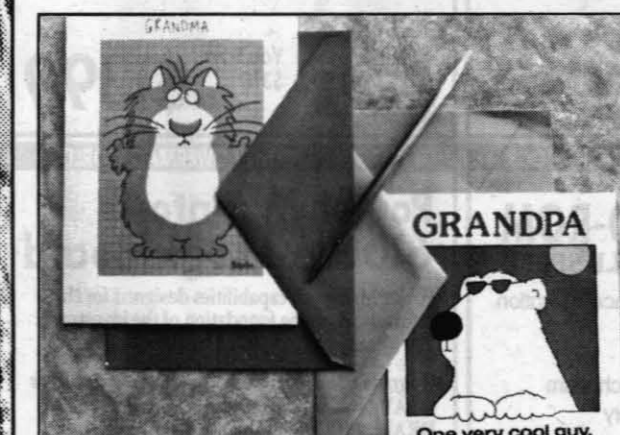


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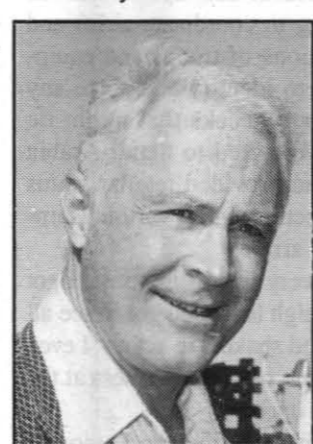
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Dr. Howard Wilcox

## Former Sidewinder manager passes at his San Diego home

Dr. Howard A. Wilcox, a retired scientist and research administrator with the Navy, who lived in China Lake between 1950-1959, died Sunday, August 28, of hepatitis at his home in San Diego. He was 73.

Wilcox retired as a senior scientist at the then Naval Ocean Systems Center in 1984. He was born Nov. 9, 1920, in Minneapolis, Minn., and received a bachelor's degree in physics from the University of Minnesota in 1943. He



Dr. Howard A. Wilcox

spent the remainder of World War II at Los Alamos, N. M., working as a junior scientist on the atomic bomb project. He received his master's and Ph.D. degrees in physics from the University of Chicago in 1948.

He joined the faculty at the University of California, Berkeley, in 1948, but left during the Korean War to join the staff at what was then the Naval Ordnance Test Station, China Lake. Working closely with Dr. Bill McLean, he became the project engineer and later the program manager for the Sidewinder missile.

By 1959 he had become the deputy director of defense, research and engineering for the Department of Defense in Washington, D.C., overseeing all research and engineering development at the Pentagon. In 1960 he joined General Motors Corporation to set up its Delco Systems Division (now part of Delco) in Goleta, Calif.

He returned to the Navy in the early

70s and finished his career at China Lake and the Naval Ocean Systems Center in San Diego. Throughout his career, he continued as an educator, teaching briefly at Harvard and Radcliffe universities, UCLA and at San Diego State University. In addition, he served on the exhibit committee of the Reuben H. Fleet Science Discovery Center in Balboa Park.

Wilcox was the author of more than 100 technical articles and held seven U.S. patents. He created the "Ocean Food and Energy Farm Project," for which he received the IEEE Outstanding Technical Achievement Award (1977) and the Silver Medal of the Republic of Italy (1981).

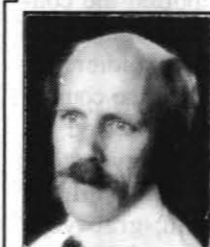
In 1975 he published a book, "Hot-house Earth," warning of the global consequences of worldwide energy use and irresponsible use of fossil fuels and nuclear power.

His final book is in preparation and will be published by his heirs.

Other awards include the L.T.E. Thompson Medal for his "outstanding contribution to the advancement of ordnance" at NOTS and the Navy's highest civil service honor, the Superior Civilian Service Medal. He was a member of the Phi Beta Kappa and Sigma Xi honorary societies and was a Fellow of the American Physical Society.

Wilcox is survived by his wife, Evelyn; a daughter, Carol Scher of Garberville, Calif.; two sons, Bruce, of Goleta, Calif., and Brian, of La Canada, Calif.; and four grandchildren, Paula and Sarah Scher and Darcy and Bonnie Wilcox.

At his request, services will not be held. Because he felt that one of the most pressing problems facing the world today is controlling the world's burgeoning population, the family suggests that memorial donations in lieu of flowers be made to Planned Parenthood or a charity. Humphrey Mortuary is handling burial arrangements.



## Jewelry Jottings

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Community Connection for Child Care's parenting tape for Sept. 5-11 is "Talking With Young People." This short tape will discuss how to share information and feelings. The parenting tape for Sept. 12-25, "Talking About Sex," deals with ways to discuss sexual information. These parenting tapes can be heard by calling Community Connection for Child Care at 375-0446 from 5 p.m. to 8 a.m.

####

Indian Wells Valley Council of the Navy League will initiate the start of its 1994-1995 meeting season after the normal summer quietus with a dinner meeting at the conference center of the Carriage Inn on Tuesday, Sept. 13. The speaker will be Jack Connel, executive director of Indian Wells Valley Project 2000. His speech title will be "The BRAC Process: China Lake and the Efforts of IWV 2000." The dinner meeting will be preceded by a no-host social hour at 6 p.m. with a Western BBQ Buffet being served at 7. Cost is \$15 and reservations are required and should be made by calling Lynda Smith at 375-7859 or Cecile Biery at 446-4730 before 4 p.m. Thursday, Sept. 9. Members and guests are urged to dress "western" for this meeting.

####

Beginning Sept. 12, the Community Connection for Child Care will be hosting a Family Day Care Management Class to be held on Mondays (Sept. 12-

Oct. 24) from 6:40 to 9:30 p.m. at its office at 237-D West Ridgecrest Blvd. This class, taught by Barb Wicker and Carol Tullio, is for home-based child care providers, center-based caregivers and anyone considering child care as a career option. Cost is \$13 for one unit of credit from Cerro Coso Community College. Registration is at the college. For more information, call 375-3234.

####

On Tuesday, Sept. 13, the Houchin Mobile Unit will be in Ridgecrest from 1 to 6 p.m. The unit will be stationed at the Elks Lodge, 201 E. Church Street. This blood bank helps meet the needs of the Indian Wells Valley community.

People who need blood replacement unit credit should call the IWV chairperson, Dorothy Jackson.

If donating blood, be sure to eat a meal within two-and-a-half to five hours prior to donating, but do not eat dairy products or fried foods three hours before donating.

Age requirements are 17 to 66 years of age. People over 66 years of age, and in good health, may donate with written permission from their doctor.

People who have had yellow jaundice, hepatitis, heart disease, heart surgery, tuberculosis or cancer cannot donate. Donors must be over colds, flu or infections for three days prior to donating or must not have visited the dentist within the past three days.

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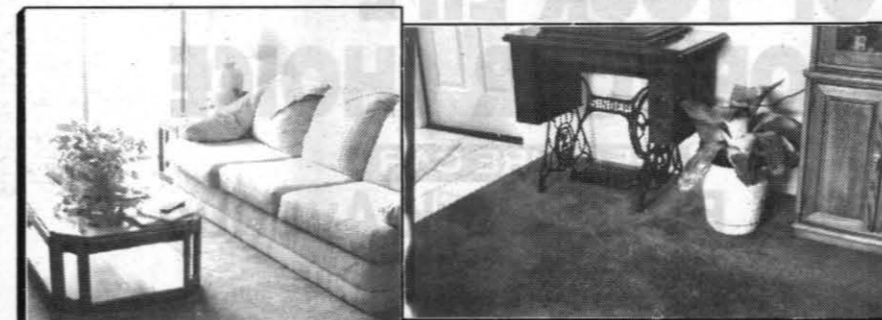
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## COMMUNITY EVENTS

**Exhibits** are needed for the Empire Desert Fair's premium competitions. Entries are being sought in the arts, crafts, sewing, photography, flower arrangements, pie baking, other baked foods, canning, lapidary and minerals, collections, vegetables, livestock and so forth. Horticulture entries close Sept. 15, while all others close Sept. 9. Competition guides are available at the Craftech Center, fairgrounds, library, Chamber of Commerce, Maturango Museum, Ruthie's Crafts and Lazy H Feed, to name a few. For more locations, call the fairgrounds at 375-8000. This year's fair dates are Oct. 5-9.

**Parade** entries are being sought for the 1994 Desert Empire Fair Parade, which is scheduled for Saturday, Oct. 1. This year's theme is "Pannin' For Fun." Each parade entry will receive two passes to the dance being held Saturday evening to kick off fair week. Family, neighbors, company and organizations are encouraged to apply. Entries must be postmarked no later than Sept. 10. Entry forms are available at the fairgrounds. For more information, call the

fairgrounds at 375-8000.

Entries are also being sought for the Desert Empire Fair's and the Pearsonville Volunteer Fire Department's **Demolition Derby** slated for heats beginning at 7 p.m. on Thursday, Oct. 6. Admission to early rounds is free, with the price of fair admission. Tickets for the finals on Sunday night, Oct. 9, will be sold at the pre-sale price of \$8 for adults (13 years of age and older). Children 12 and under will be admitted free with an adult. This pre-sale price includes adult fair admission. The finals will start at 6 p.m. For entry information, call 375-8000.

####

Local artist Jason Lodas will be presenting his first solo art show at Cerro Coso Community College from now through Sept. 30. It will be held on the "East Wall" of the Student Center, which is located on the first floor, next to the book store. Lodas' work will feature a number of diverse oil paintings and several sculptures in clay and aluminum.

####

## China Lake to host National Performance Review seminar; honors Heroes of Reinvention

To honor those federal employees who are helping to reinvent the government's way of doing business, the Naval Air Warfare Center Weapons Division is hosting a National Performance Review seminar at its China Lake site Sept. 27. The location of this event will be announced at a later date.

The seminar, which is scheduled for 10 a.m. to noon, will provide information via a speaker and video on the National Performance Review themes—Cutting Red Tape, Empowering Employees to Get Results, and Improving Customer Service. But most important, the seminar will recognize local "Heroes of Reinvention."

In a memorandum to Federal Executive Boards across the nation, Vice President Al Gore wrote, "Since we asked federal employees for their support in reinventing government last year, many have been doing extraordinary things to help make our government work better and cost less..."

"These heroes serve customers from Miami to New York and Ogden, Utah, to Baltimore, Maryland. I'd like to use the anniversary of our reinventing government initiative to express my appreciation to all of the federal employees who are helping

improve government by honoring them at Heroes of Reinvention Training and Award events..."

Members of the Human Resources Department at China Lake are hard at work trying to aid the vice president in his goal. Heroes of Reinvention nomination forms have already been sent out to all department heads and heads of staff at all of the NAWCWPNS sites, plus to a number of other federal sites in Southern California. Nominations must be received by HRD no later than Sept. 15.

Because space is expected to be limited, the seminar will be open only to the nominators and nominees. After the seminar, at 1 p.m., attendees will be invited to attend a briefing on the China Lake Demonstration Project. According to RADM. Dana B. McKinney, NAWCWPNS commander, the briefing is being held because there is so much interest in the "broad band classification system."

The seminar's points of contact are Teresa Cosgrove, 939-2738 (DSN 437-2738), China Lake; Eva Bien, NAWCWPNS Human Resources director, 989-3247 (DSN 351-3247), Point Mugu; and Don Shibley, deputy director, 939-2434 (DSN 437-2434) China Lake.

## Recycling Center's strip-cut shredder is broken, and caution is being urged when deciding what can be recycled

The strip-cut shredder at the Recycling Center is out of order. The center now uses a "chipper" to shred unclassified material. The chipper cuts the paper into larger pieces (approximately 3" x 5"). It is not believed that the size of the pieces is sufficient to preclude reconstruction, which is the destruction requirement for sensitive unclassified information.

A new strip-cut shredder has been ordered and is expected to be in operation in November 1994. Notice will be given when the new shredder is operational.

Caution is recommended when deciding what to recycle until the new shredder is in operation.

If you have questions, please call John Hammonds at NAWCWPNS Security Division, C661, at 939-3721.

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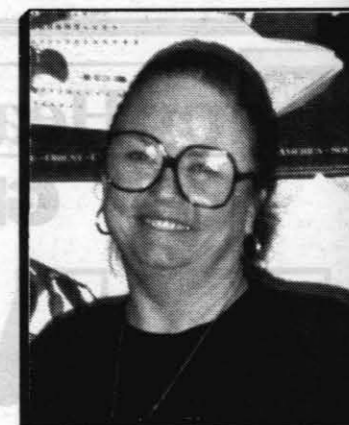
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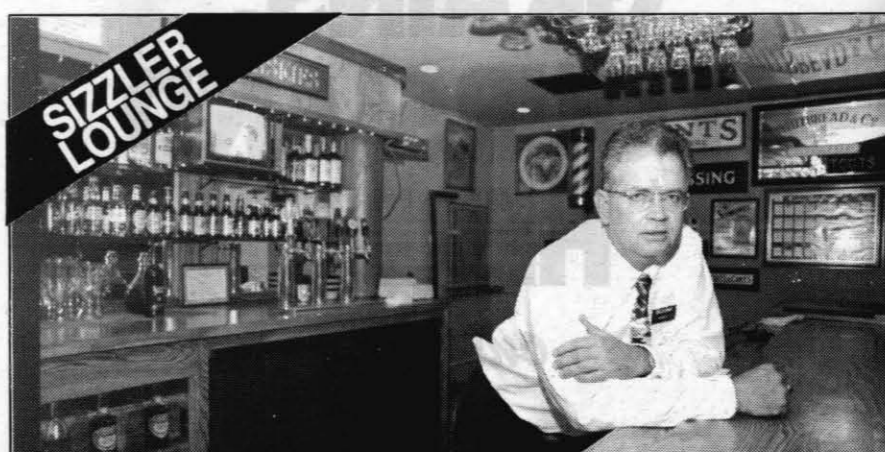
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By Scott Johnson  
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Our new phone number is 499-5181. We are still located in the Michelson Lab compound, in the Boeing building, Building 98023, and we have outside prefixes, so remember to dial 89 first from a 939- or 927-prefix telephone.

**Re-use policy**  
Software that is no longer in use can be given to the PC Lab to be designated as "re-use" for competitive upgrades and use on old (current) systems. Only software packages that are complete (manuals and all the disks) are acceptable for placement on the re-use shelf.

## PC Lab has new phone number

Any software that is missing documentation or master disks should be assumed to have been upgraded and should be destroyed by the holder of the software. Upgraded software cannot be re-used.

Your complete software packages to be placed in re-use can be brought to the PC Lab, Building 98023, during normal working hours (7-11:30 a.m. and 12:30-5 p.m.).

Your cooperation in only bringing complete packages for placement on the re-use shelf will help us keep cost to a minimum.

## Video Listings

### KNID

#### Monday-Friday, Sept. 12-15

5:30 p.m.: Navy News

5:55 p.m.: The Edge of the Ice

(From the Office of the Chief of Naval Research)

6:00 p.m.: Silver Linings

6:30 p.m.: Canine Good Citizen

6:32 p.m.: Hope

6:50 p.m.: Discover St. Croix

6:58 p.m.: The Choice

#### Monday-Friday, Sept. 19-23

5:30 p.m.: Navy News

5:55 p.m.: Vision West (NAWCW-PNS News)

6:10 p.m.: Grand Central

6:39 p.m.: On Solid Ground

7:07 p.m.: Camouflage in Reverse

## KNID

## Bicycle helmets required as of Jan. 1

China Lake Police remind parents and children that as of Jan. 1, 1995, it is a requirement that persons under the age of 18 years shall not operate a bicycle, or ride upon a bicycle as a passenger, upon a street, bikeway, bicycle path or trail unless that person is wearing a properly fitted and fastened bicycle helmet that meets the standards of the American National Standards Institute (California Vehicle Section 21212(a)).

A violation of the section is an infraction punishable by a fine of not

more than \$25. The parent or legal guardian having control or custody of an unemancipated minor whose conduct violates the law shall be jointly liable with the minor for the amount of the fine imposed.

Parents are reminded that the bicycle safety helmet will contribute to reducing serious injuries to their children who are involved in bicycle accidents. This is an important step toward preventing the thousands of bicycle-related head injuries that occur each year.

## VESA 66MHz 486: Workhorse SALE

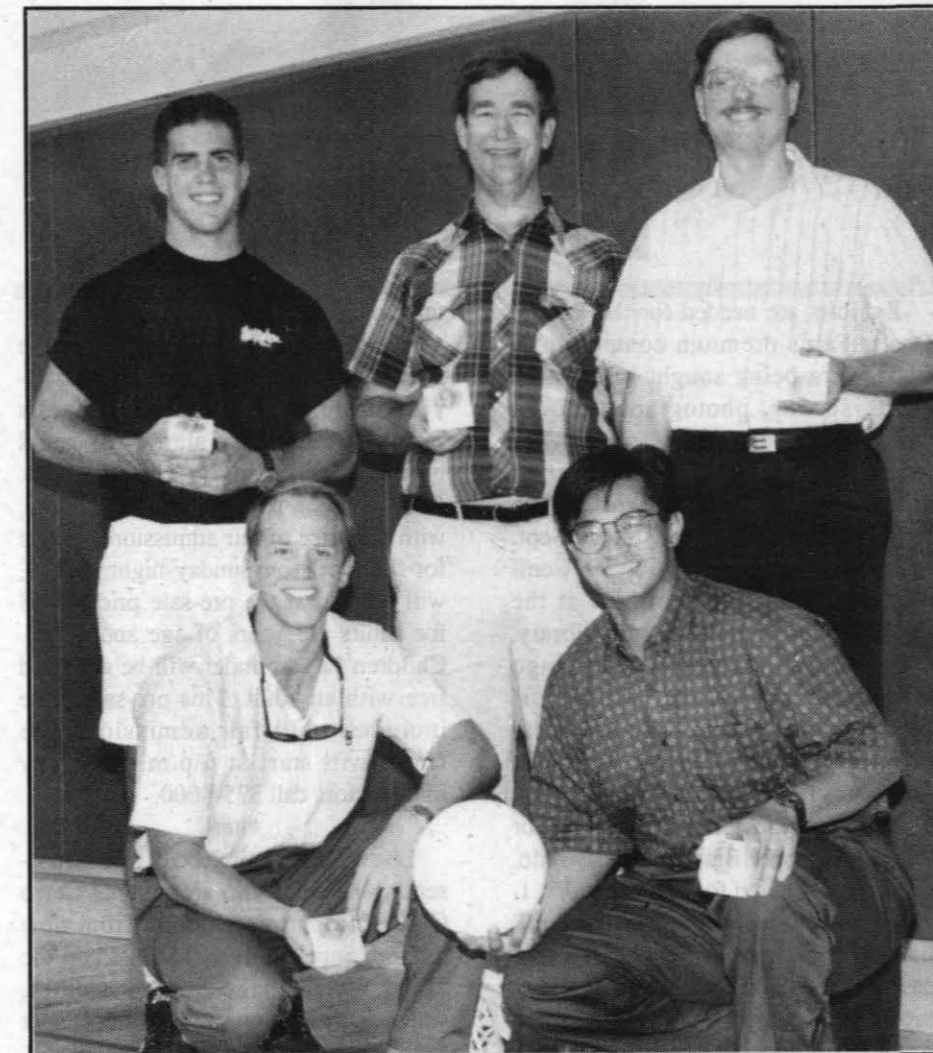
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**GO FOR IT** players show off the awards they received for winning the recent MVWR Volleyball League competition. Pictured are (back row, l to r) Herbert Arron, Hal Leonard, Carl Norlund, (front row) Jim Withman and Alex Bernardo. Not pictured are Ken Johnson, Robert McWhorter and Jim Van Dever.

## Go For It beats out Quantum Leaps for volleyball championship tourney

Going into the finals with eight wins and no losses, the Go For It volleyball team lived up to its name and won the Morale, Welfare and Recreation Department's recent volleyball championship tournament.

In the semi-finals, Go For It met up with Quantum Leaps, winning the first two games 15-3 and 15-0, earning the team a spot in the finals.

The champions had a bit harder time

in the finals, going head-to-head with Bombs Away. Go For It won the first game 15-7, but lost the second 7-15. The team rallied its lead in the third game, winning it 15-7 and blew the second place team away in the final game 15-0.

"We were really hot," said Go For It team leader Hal Leonard. "We have a lot of good talent on our team, with lots of super players."

## Fall fly-tying class starts Sept. 20

Aguabonita Flyfishers will be conducting a fall fly-tying class beginning Tuesday, Sept. 20, at the Grace Lutheran Church. The class will be held on Tuesday and Thursday nights starting at 7, with the first class being an introductory class. Class structure, schedule and fees will be discussed, as well as a short

introductory fly tying lesson. The class is open to all interested parties, with tools available for use during the class and additional materials available for purchase.

For more information or to register for the class, contact Chuck Newmyer at 375-5810.

## All-night softball tournament set for Oct. 7

Another All-Night Softball Tournament will be held at Schoeffel Field on Friday, Oct. 7.

This event is only open to active duty military and their dependents (over 18 years of age), reservists and retired military personnel.

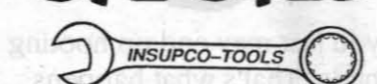
Rosters are due Oct. 5 and should be dropped off at the Naval Air Weapons Station China Lake Gymnasium.

Eligible people, who would like to play but aren't on a team, can call Karen Rivers, gym manager, at 939-2571 for help in finding a team.

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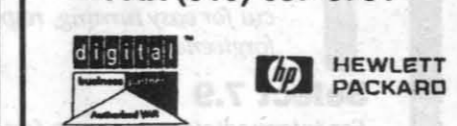
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## SPORTS

### Volleyball, flag football and softball leagues are forming

Volleyball, flag football and softball leagues are being formed by the Morale, Welfare and Recreation Department's Sports Division at the Naval Air Weapons Station China Lake. Both men and women players are being sought.

Rosters for the volleyball league are due Sept. 30. This league is open to everyone—military and Department of Defense personnel, private citizens and their dependents 18 years of age and older.

Games will be played on Tuesdays and Thursdays.

Flag football rosters are also due by Sept. 30. This league is for military personnel—active duty, reservists and retired—and their dependents 18 years of age and older. Games will be played on Wednesdays and Fridays.

Softball rosters are due Sept. 23. This league is open to everyone. Games will be played on Tuesdays and Thursdays.

For additional information, call Karen Rivers, the gym manager, at 939-2571.

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#### Contact:

Tammy Doerer, Center Director  
China Lake High Desert Resident Center  
(619) 939-3354

### Bowling alley adds booths...



Photo by Margie Hammett

**HALL MEMORIAL LANES** recently added booths to its decor to allow its patrons using the Snack Bar to eat in comfort. Each day, the Snack Bar offers a special luncheon for \$3. In addition, the room just left of the entranceway was designated as a non-smoking area. John Piroka, the bowling center manager, said the booths are just in time to accommodate the fall and winter bowling leagues, which are now forming. Leagues are open to military personnel, active duty and retired, Department of Defense employees, retired DoD employees, and their dependents. Hall Memorial Lanes is open from 10 a.m. to 8 p.m. seven days a week. The phone number is 939-3471.

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Photo by Margie Hammett  
**PREPARING** for their upcoming membership coffee, slated for Sept. 14, are WACOM members Fran Fletcher, Eleanor Winnemore, Pat Kleinschmidt, Mavis Royer, Elaine Jenne and Bobbie Ward.

### WACOM extends invitation to its membership coffee Sept. 14

On Wednesday, Sept. 14, the annual WACOM membership coffee, with its theme "Last Daze of Summer," will be from 10 a.m. to 12:30 p.m. at the Seafarer Club.

Reservations are not required,

and everyone is invited to attend.

To learn who's eligible to join WACOM or just more about the club, contact Joanie Miller at 375-5434 or Theresa Davis at 446-3246.

#### Trivia Question #12:

**Who makes the fastest DAT backup tape drive in the world?**

See page 11.

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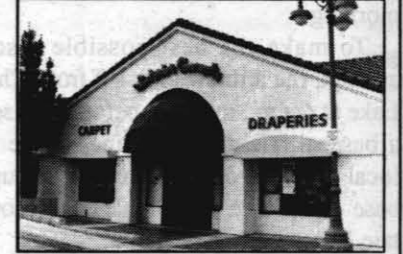
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## China Lake SAR crew makes two same-day rescues

On August 20, members of the China Lake Search and Rescue Alert Aircrew received notice of a 68-year-old woman climber in desperate need of medical assistance. She had fallen more than 100 feet from Norman Clyde Peak, near Big Pine.

Leaving three other climbers with the injured woman, a fellow climber climbed down the summit and reported the injury to the local sheriff's department, noting that she had suffered a severe head injury.

By the time the SAR aircrew was notified, the sun was already setting, which meant they wouldn't be able to search the mountain until the following morning.

To make the best possible rescue attempt, the aircrew took off from China Lake at 4 a.m., to arrive before sunrise at a baseball field in Big Pine, where the local sheriff's department had set up a base camp with the China Lake Mountain Rescue group.

Upon landing, the SAR crew learned the victim's position and altitude, and the fact that while the mountain rescue volunteers had been climbing through the night, they were still hours away and the condition of the injured climber was unknown.

Because the victim was at an altitude

of 12,700 feet, which limited the power available to the helicopter, AO2 Jim Bradley, the crew chief, quickly removed all unneeded equipment. Fuel, however, still had to be burned off to get the weight low enough to perform the rescue. This left the crew with only 15 minutes to get the victim out before they would have to leave due to low fuel.

The search was launched at dawn. The victim was located on the edge of a sheer cliff, close to the top of Norman Clyde Peak. The mountain rescue volunteers were also visible, nearing her position but with an extremely steep climb still ahead.

After circling nearby for 10 minutes to burn off additional fuel, the helicopter proceeded to the ledge. Bradley directed the pilot, Lt. Mike Knizewski, to the

victim. This was a very slow and dangerous maneuver, because there were jagged rocks on two sides of the helicopter and very little clearance from the rotors to the edge of the cliff's face.

Positioned directly over the victim, the rescue corpsman, HM2 Joe Boyles, rappelled 130 feet to the ledge. While this is always a challenging and hazardous process, the altitude, gusts of

wind and precarious ledge made it even more difficult.

After several minutes of climbing over rocks, Boyles reached the victim, and with the aid of the other climbers, placed her in the rescue basket. While this was taking place, Knizewski kept a steady hover over the ledge, despite the problem of having the morning sun directly in his eyes. Lt. Ken Frieders, the



Photo by Margie Hammett

**SAR CREW**—The team that participated in recent rescues included (standing, l-r) LCdr. Wallace Walker, M.D., Lt. Ken Frieders, Lt. Mike Knizewski, and (kneeling, l-r) AO2 James Bradley and HM2 Joe Boyles.

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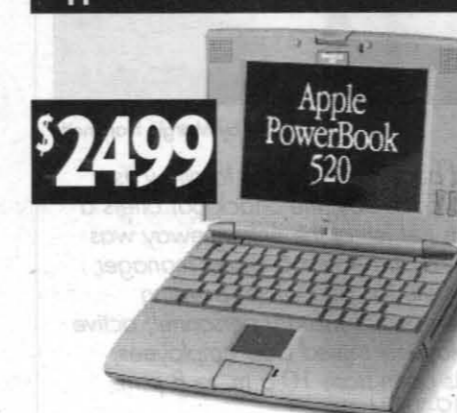
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# F-14 Tomcat has proud 20-year history

By Vance Vasquez  
NAWS Point Mugu Public Affairs Office

Grumman's F-14 A/B Tomcat is well known as a Navy fighter, carrying the AIM-9 Sidewinder, AIM-7 Sparrow and AIM-54 Phoenix air-to-air missiles to shoot down enemy aircraft or cruise missiles. It's been doing it since the first fleet deployment 20 years ago. The ability of an F-14A/B Tomcat to defend an Alpha Strike force of aircraft, such as the A-6E Intruder and F/A-18 Hornet, and to deliver its ordnance on target has been proven as recently as Operation Desert Storm.

With less money in today's budget, the Navy continues to look for more ways to better utilize current fleet aircraft to perform multi-role missions, rather than develop a new aircraft to replace the A-6E. The Navy made the decision to retire the A-6E Intruder by 1997 in order to save more than \$3 billion.

While the F-14A/B has always had the ability to carry and drop bombs, not until around 1990 was the testing of dropping bombs aggressively pursued.

"The F-14A has been dropping bombs for awhile," said Lt. John "Rhino" Einhorn, F-14 Weapons Integration Project officer.

Naval Air Warfare Center Weapons Division Point Mugu has been involved in development of F-14A, B and D software, and operational flight program releases for the fleet since the 1970s.

Naval Air Warfare Center Aircraft Division Patuxent River, Md., performed bomb separation testing to ensure safety to the F-14 crew.

"Patuxent River's mission is to ensure the bombs don't hit the aircraft or each other when released, and our focus at Point Mugu is to make sure the bombs hit what we aim at," said Einhorn.

A typical mission would involve flying to NAWCWPNS China Lake with laser reflectors attached to the F-14.

"Lasers let us track the aircraft so we know exactly

where we are in Baker Range when we drop bombs," said Einhorn.

When missions are flown involving cold runs (when no bombs are dropped) data is gathered for ranging and timing information.

Einhorn said the most important thing to know in bombing is how far away the bomb is from hitting the

Please see F-14, Page 23



Photo by Vance Vasquez

**TOMCAT**—An inert Mk-83 bomb weighing 912 pounds is ready to be mounted under a NAWCWPNS NF-14D at NAWS Point Mugu.

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## Vellness wants to draw your blood

Civilian service, military and attached activities personnel can still take advantage of the

NAWCWPNS Wellness Program's annual fall blood draw, for \$24 at the following locations.

Date	Location	Time
Sept. 13 (Tues.)	IOB, Bldg. 32544, Conference Room A	7-8 a.m.
Sept. 14 (Wed.)	Public Works, Bldg. 981, Conference Room	6:45-8:30 a.m. (walk-ins from 8:30-9 a.m.)
Sept. 15 (Thurs.)	ECRD, Quickmail Bret for appointment	7:15-8:15 a.m.
Sept. 20 (Tues.)	Thompson Lab, Bldg. 31433, Conference Room 2	7-8 a.m.
Sept. 21 (Wed.)	Michelson Lab, "1000A" Conference Room	6:45-8:30 a.m. (walk-ins from 8:30-9 a.m.)
Sept. 22 (Thur.)	Michelson Lab, "1000A" Conference Room	6:45-8:30 a.m. (walk-ins from 8:30-9 a.m.)
Sept. 27 (Tues.)	NAWS GYM	6:45-8:30 a.m. (walk-ins from 8:30-9 a.m.)
Sept. 28 (Wed.)	Training Center, Room 107	6:45-8:30 a.m. (walk-ins from 8:30-9 a.m.)
Sept. 29 (Thur.)	Armitage Field: NAF-80, Bldg. 20192	6:50-8:30 a.m. (walk-ins from 8:30-9 a.m.)

The blood test analysis will include kidney and liver enzymes, total cholesterol, HDL, LDL, triglycerides, glucose, thyroid and a complete blood count. Additionally, men may request a prostate specific antigen (PSA) blood analysis for a total cost of \$49. Payment is required at the time of the draw with checks made payable to MWR.

Appointments may be made via computer by connecting to the SCF VAX and typing in WELLNESS at both the "username" and "password" prompts. Options will appear on the screen allowing personnel to select the preferred time and

location for their appointment. If someone has access to another VAX on the network, log on and type "set host scf". If it's impossible to make an appointment by computer, call the Wellness Program Office, 939-2468, and leave a message giving your name, code, phone number and the date, location and time preferred for the appointment.

Participants must abstain from eating any food or drinking anything other than water for 12 hours before the blood draw. Participants are, however, encouraged to drink plenty of water during their fast.

## Fastest DAT in the world: HP JetStore 6000

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

### What's DAT?

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

#### DAT features

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

#### DDS Format Features

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

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

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

Computing Technology's

**Computer Store**  
251 Balsam St. 375-5744 quality, service, price

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

### HP's New JetStore 6000

This latest addition to HP's DAT JetStore family is the fastest in the industry. HP JetStore 6000 gives you typically 8Gbytes of unattended backup. HP JetStore 6000 tape products are ideal data protection for high-capacity, high-speed networks. They offer the broadest connectivity and widest range of solution choices for MS-DOS, Novell NetWare, Windows NT, SCO Unix, Banyan Vines, Macintosh and many more.

- 8Gbyte with industry standard DDS-2 120-meter data cartridges compression
- three times the speed of earlier DAT drives & significantly faster and more reliable than 8mm products
- HP DDS cartridges have lowest storage cost per megabyte compared w/other media
- high reliability: MTBF: 80,000 hours, data: less than one error in 10<sup>15</sup> bits
- complete with JetSafe utilities, cables, terminator, 120-meter cartridge, cleaning cartridge
- Netware with Windows tape systems include Cheyenne ARCserve 5.1 250-user version and JetSafe utilities, rails (internal), cables, terminator, 120-meter data cartridge, cleaning cartridge

HP JetStore 6000i internal tape drive is just \$1,269 & HP JetStore 6000e external tape drive is only \$1,459. HP JetStore 6000i Internal Tape System for NetWare with Windows is \$2,649\*. If needed, an Adaptec 16-bit SCSI2 controller is \$199. HP 8Gbyte DDS-2 120-meter data cartridge is just \$17.95.

The entire family of HP JetStore products is available including the HP JetStore 2000i internal tape drive for just \$989 and the HP JetStore 2000e External Tape System for Macs (2Gbytes and with Retrospect Remote) for only \$1,349. \*Call for new, lower price on this item.



HP JetStore 6000i and 6000e DAT drives

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# Many players make Long Jump '94 the best yet

## 12 defense contractors, three U.S. service branches and United Kingdom participate in test series

By Cliff Lawson  
Technical Information Department

Viewed head-on, the F-16 fighter is an imposing sight. The narrow profile—only 31 feet wingtip to wingtip—is dominated by the gaping black maw of the engine intake and a vicious shark-like tail rising above the bubble canopy. This view is even more impressive when the aircraft is hurtling directly towards you at 520 knots, less than a mile away and still 100 feet below your position.

Most of the 75 people participating in last month's Long Jump '94 exercise high in California's White Mountains were not watching the F-16's approach. They were too busy tending dozens of electro-optical (EO) and infrared (IR) seekers and sensors. These delicate electronic devices, affixed to tripods and Kineto tracking mounts, were watching the aircraft, tracing

its path through the ground clutter before the fighter suddenly nosed up and flashed close overhead with an ear-splitting roar.

The participants at Long Jump '94, representing 12 defense contractors, three branches of the U.S. armed services and the United Kingdom, were at this mountain outpost to see that every possible bit of data from the sensors was recorded: acquisition ranges, signal strength, tracking accuracy, clutter rejection and a host of other parameters. In the months ahead, engineers and analysts in laboratories across the country will use this information to advance the state of EO/IR technology. This is the same technology that guides a heat-seeking missile to its target, lets an attack pilot find his prey in a desert dust storm and gives "eyes" to special-warfare units operating at night behind enemy lines.

Despite the emphasis on weapons of war that has pushed EO/IR technology this

far, it would be a mistake to categorize the field strictly as military technology. EO/IR is also used by the Immigration and Naturalization Service to help apprehend illegal immigrants, by the Coast Guard to detect small boats and people adrift at sea, and by the railroad industry to spot objects on the tracks at night. U.S. auto makers are investigating EO/IR sensors for automobiles, to allow safe passage through areas of blowing dust or snow, and for school buses, to guide them safely through morning fog.

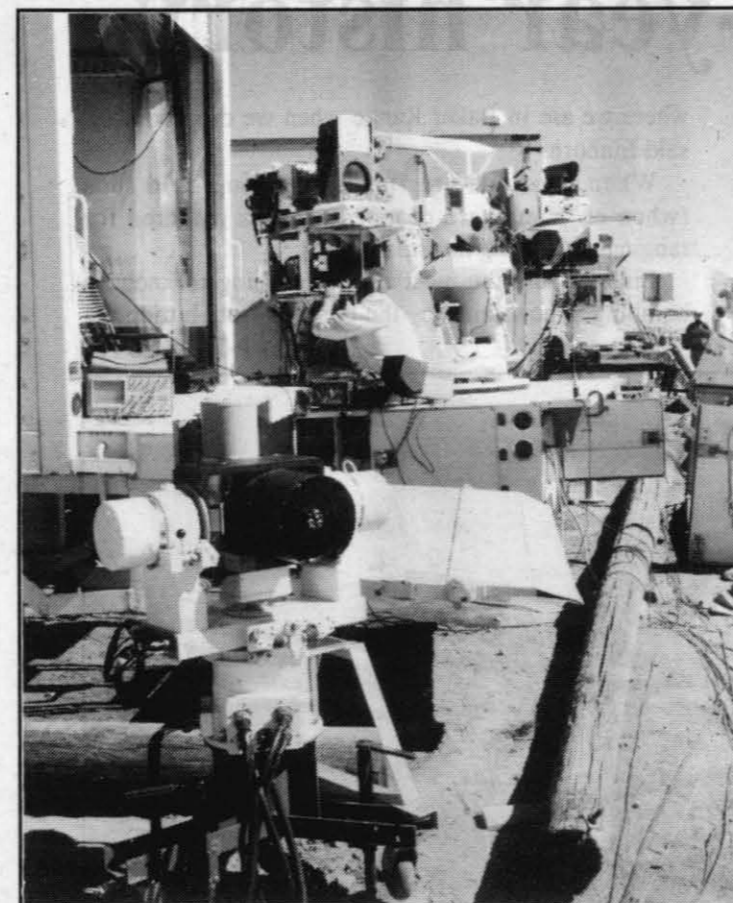
Complex technology notwithstanding, the concept behind Long Jump '94 is simple and has remained essentially unchanged through the five Long Jumps that China Lake has hosted since 1985. Bring government and industry researchers and their equipment together in one place, fly every available type of aircraft at the site, record the signature data that the sensors receive from the aircraft and share non-proprietary data.

Barcroft Laboratory in the White Mountains east of

Bishop is the site of the Long Jump exercises. Working in this remote location at an altitude of 12,470 feet has disadvantages. Even in August, when the tests are held, the temperatures drop into the 20s at night. The sun has a microwave-oven intensity that can inflict a bad sunburn in 15 minutes. Winds are hellacious, and midsummer snow and hailstorms are common. The oxygen level is drastically less than at lower elevations—50 percent less than at sea level—and a brisk hike from the main laboratory building to the edge of the test site leaves the heart pounding and lungs gasping.

If that isn't bad enough, there's the road to Barcroft. The final 19-mile stretch is steep, winding and unpaved, a mix of jagged chunks of broken basalt and dust-filled washboard. "This was one of the toughest jobs in my 15 years of driving a rig," said Jeff Litterer, a driver for Day and Zimmerman who worked loading and off-loading equipment vans at the site. His truck took seven hours to cover the 160 miles from China Lake to Barcroft.

Why then did the Navy, Army, Air Force, Boeing, GE Aircraft Engines,



AN ARRAY of sensors lines the mountain crest at Barcroft Laboratory at 12,470 feet.

Hughes, Loral Aeronutronic, Martin Marietta, Pacific Advanced Technology, Raytheon, Rockwell, Texas Instruments and the United Kingdom's Defence Research Agency send top-flight technical people and several hundred thousand dollars worth of delicate equipment to Barcroft? Why, particularly, when the Navy's China Lake facility with its million-plus acres of highly instrumented test ranges is only a short hop to the southeast?

The answer is altitude. The same thin air that makes breathing so diffi-

cult provides an ideal medium for testing EO/IR sensors. Absent at Barcroft is most of the smoke, moisture, dust and other particulates found at lower altitudes, contaminants that affect the passage of energy through the air and increase the difficulty of assessing subtle changes in IR/EO signals. The sensors set up at Barcroft view the targets against sky and terrain background in a setting that simulates an air-to-air environment. The site offers all the advantages of an airborne testbed without the constraints of weight or volume (most of the partic-

pants bring a van full of test equipment and spare parts) and high aircraft-testbed costs.

During the two weeks of Long Jump '94, 33 flights were made against the Barcroft sensors by military aircraft. The roster of targets included the A-10, AH-1W, AV-8B, B-1B, B-52H, E-2C, E/A-6B, F-111, F-15C and E, F-16C and E, F/A-18, F-4G, KC-10, KC-135, SH-60B and a Royal Air Force Harrier. Each flight consisted of a straight-in run by the aircraft from Telescope Peak, 120 miles east of Barcroft, ending in a pass over the test site and followed by a serpentine outbound flight profile that passed through a dozen checkpoints.

The carefully designed flight profiles allowed the sensors to view the targets in multiple aspects and against a variety of sky and terrain backgrounds. Pilots were in constant contact with an air-traffic coordinator at the site and were willing to adjust their patterns and refly legs as

required. "I had a lot of fun working with the folks out there," noted LCDr. Steve Burris, a China Lake F/A-18 pilot. "It was interesting providing data for a bunch of people 12,000 feet up on the side of a mountain. And from where I sat, the view was spectacular!"

Planning and executing the operation required massive preparation, complicated logistics, precise timing and teamwork. NAWCWPNS support for the exercise came from China Lake's Public Works Department (transportation), Meteorology and Oceanography Detachment (weather forecasts and daily radiosonde releases), Range Operations (aircraft coordination), and Security and Program Protection Department (operations security). Long Jump '94 was financed by the participants, each of which paid \$20,000 for the first three sensors and \$5,000 for each additional sensor.

Overall responsibility for conducting Long Jump '94 rested with Gerry Powell of NAWCWPNS Intercept Weapons Office as the program manager. Valerie Rogers of the Attack Weapons Department was the operations manager. "An exercise this large," said Powell, "takes us well over a year to prepare for."

With 19 different types of aircraft participating and more than 35 sensors tested, this was the biggest Long Jump ever. "We couldn't fit any more people on top of the mountain," remarked Rogers. "Still, the entire operation went very smoothly."

With the experience of several Long Jump exercises under their belts, both managers agreed that this exercise was a resounding success, producing a tremendous amount of valuable data that will serve government and industry in advancing EO/IR technology.

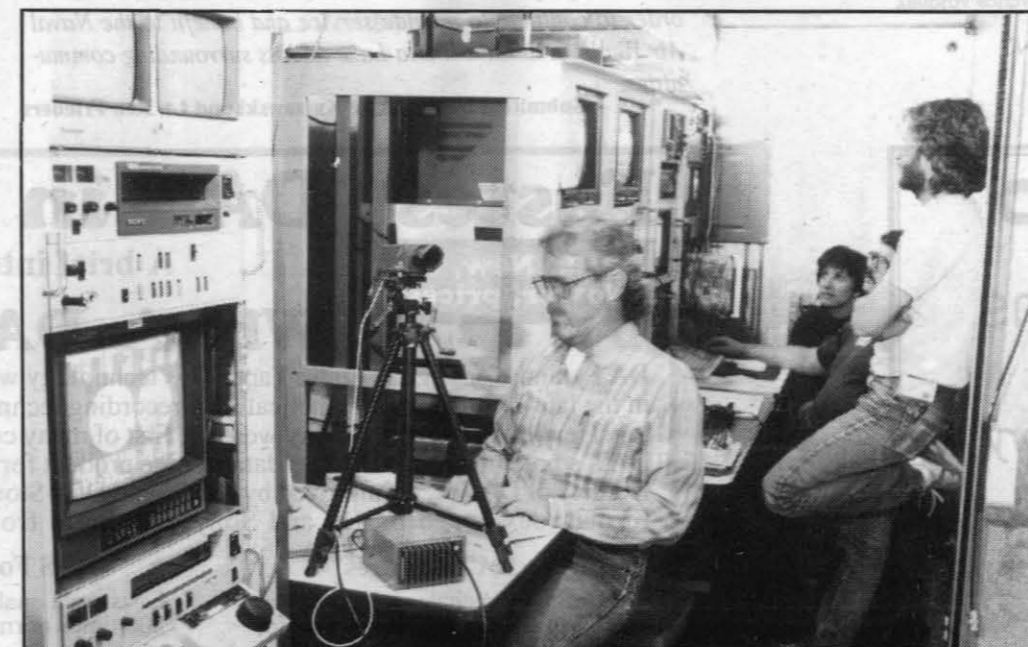
Powell and Rogers are not alone in their assessment of Long Jump's success. Dave Maneely of Rockwell International was on the mountain testing a Rockwell-designed and -fabricated second-generation IR sensor. "We have very good data. This exercise is worthwhile for us and for our customers. It should help all the players, not just today but in the future." He plans to be back for the next Long Jump.

Cooperation and teamwork were key to the successful accomplishment of Long Jump '94. The attitude of the all the participants and support crew was summarized by driver Litterer, and his words reflect a 50-year China Lake tradition: "Whatever it takes, we just step up to the plate and do it."

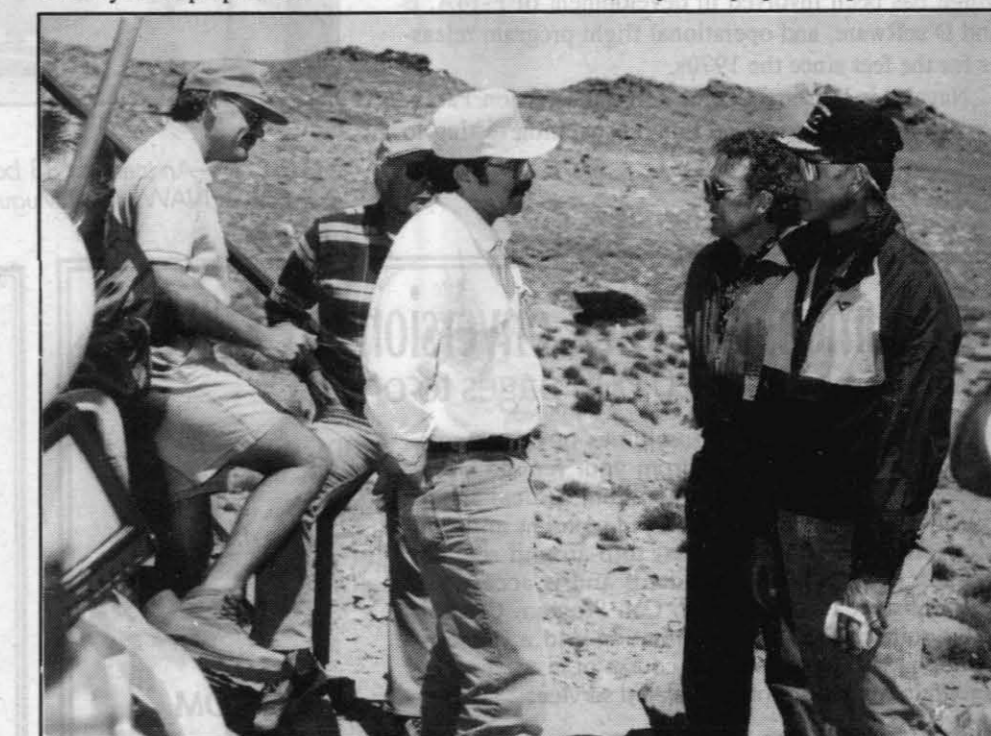


Photos by Tim Tyson, TID

LOOKING DOWN on an A-10 Thunderbolt out of Nellis AFB as it approaches the test site, participants test sensors' ability to discriminate aircraft from ground clutter.



MONITORS—Technicians and engineers track events from test vans.



VISITING BRASS—NAWCWPNS RADM Dana B. McKinney (right) spends a day at the site talking with participants and observing tests. At his right is Long Jump Program Manager Gerry Powell.

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materials, usually affecting national defense, from unauthorized disclosure, espionage, or sabotage; ensures that appointment or retention of individuals in the federal service is clearly consistent with the best interest of national security and defense. Provides administrative services on public release of technical material, classification of hardware or documentation, procedures for movement and handling of classified material, monitoring and inspecting security systems, and reviewing security plans; develops plans, policies, and procedures to maintain an effective level of law enforcement service and physical security program; conducts complete criminal, JAG, traffic, and special investigations of alleged or actual violations or offenses, such as fraud, robbery, burglary, assault, malicious damage to government and personal property, and thefts and security violations. **Quality-Ranking Factor:** Must have the ability and knowledge to plan, develop, administer, and coordinate a total security program for a large station, including a research and development and test center with a wide range of unique security requirements.

#### POINT MUGU SITE ONLY

**No. P74-035-TLT4. (2) SUPERVISORY POLICE OFFICER, DP-0083-04, Naval Air Weapons Station, Security Department, Operations Division, Civilian/Military Police Branch, P7421—Area of Consideration:** Current Appointable NAWCWPNS Employees at the Point Mugu Site Only. **Opening Date:** 9-8-94. **Closing Date:** 9-22-94. **Selecting Official:** Ed Laroche, (805) 989-7011, **HRD Contact:** Tonya Thompson, (805) 989-3321, **Permanent Change of**

**Station Authorization: No. Summary of Duties:** Incumbent supervises a small- to medium-size organization of DG-3 or equivalent employees and protects the property, and lives, and civil rights of individuals. Enforces federal, state, county, and local statutes, laws, ordinances, and regulations; preserves the peace; prevents, detects, and investigates accidents and crimes; arrests suspects; controls emergency situations. Performs technical work that requires a specialized knowledge of the functional and operational characteristics of one or more types of communications systems, the application of communications systems, principles, concepts, policies, practices, and techniques. Performs law enforcement or security duties to protect and safeguard DON personnel or property. **Quality-Ranking Factor(s):** Knowledge of law enforcement operations and regulations and ability to supervise civilian and military police officers.

#### WORLDWIDE/CURRENT PERMANENT DOD EMPLOYEES

**No. P70-034-MG4. (1) Child Development Center Director, DA-1701-02, Naval Air Weapons Station, Morale, Welfare and Recreation Department, Child/Youth Services, P705—Area of Consideration:** Current Permanent DOD Employees Worldwide. **Opening Date** 8-25-94. **Closing Date:** 9-22-94. **Selecting Official:** John Gerard, (805) 989-7509. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of duty Station Authorized:** Negotiable. **Summary of Duties:** The incumbent establishes and provides developmental education and

child care to dependent children between the ages of 6 weeks and 5 years of age; develops, implements, and conducts child care programs for early childhood development, and stimulates and sustains physical, emotional, and educational development. The incumbent manages a staff of 34 full and part time, NAF and civil service employees; develops plans and purchases foods to provide balanced nutritional menus for lunches and snacks (am/pm), as well as supervises food storage, preparation and serving of meals; implements and maintains a USDA food program in accordance with USDA procedures and requirements; maintains liaison with the community and base organizations, recreation staff specialist, military organizations, and parents to obtain information or to gather support for various program needs, ensures that all caregivers are knowledgeable in disease identification, first aid, CPR, and food handling; prepares and submits appropriated and nonappropriated fund budgets to the supervisor reflecting the estimated cost of operating the Center and operates the Center within the approved budget; plans and directs all activities of the Center, including the development and implementation of operational policies and procedures based on directives from higher authority; determines requirements (equipment and materials) needed at the Center; maintains control over received material and equipment and distributes it to caregivers as required; plans and directs all activities of the Center, including the development and implementation of operational policies and procedures based on directives from higher authority. **Quality-Ranking Factor:** Ability to plan, develop, implement, and conduct early childhood education programs and knowledge of financial management. **Note 2 applies.**

#### VX-9-SECURITY SPECIALIST

**No. 555-L-94, Security Specialist, GS-080-9/11, Air Test and Evaluation Squadron Nine (VX-9), Naval Weapons Center, China Lake, Calif. Area of Consideration:** Federal Activities West Coast, Reinstatement and Transfer Eligibles. **Salary:** \$28,648 - \$34,662\* per year or higher step in accordance with regulations (\*includes 3.09% locality pay). **First Cut-Off Date:** Applications received by 7-29-94 will be processed first. Applications received after 29 July will be processed in order of receipt; it is to your advantage to apply early. **Closing Date:** 9-30-94. **Notes:** (1) Relocation expenses will not be paid; (2) selection may be made at either level; (3) Top Secret security clearance, based on a special background investigation with eligibility for compartmented access, is required. **Time-in-Grade Requirements:** for GS-9, 52 weeks as GS-7; for GS-11, 52 weeks as a GS-9. An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less, or the applicant currently occupies a DOD Designated Position (TDP), no applicant test is authorized.) The selection in contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP). Further, all DON employees may be subject to drug testing under certain circumstances, such as reasonable suspicion and after an accident or unsafe practice. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to the Medical Review Officer. An applicant's test results will be provided to the selecting official and the servicing Human Resources Office before a final collection is made. A verified positive drug test result of a current DON employee will also be

provided to the employing activity/command. **Duties:** Responsibility for security of the Future Systems Branch of the Projects Department, including information, personnel, physical, and automated data processing (ADP) security, operational security (OPSEC), communication security (COMSEC), and contractor security management and liaison. Defines, prepares, and implements standard information control, ADP, personnel, and physical security procedures. Prepares standard practices and procedures (SSP) for various security programs. Prepares and gives security education briefs to all program personnel, gives defensive security briefs to travelers, and handles facility visitors in accordance with program procedures. Applies physical security principles to designing a facility with the proper use of alarms, locks, telephones, and construction standards; prepares physical security checklists for a secure facility; applies and prepares TEMPEST and vulnerability assessment requests; and prepares plans for guard force utilization. Writes transportation plans for courier operations. Sets up, breaks down, and operates secure communication equipment, diagnoses routine problems, schedules repair and maintenance of communication gear, understands and applies COMSEC regulations and procedures. Monitors contract personnel during use of program material. Provides security guidance for preparation of contractor packages, bids and proposals, and assists in contractor facilities security inspections. Supervises a security assistant. **Qualification Requirements:** Applicants must have 1 year of specialized experience equivalent to the GS-7 and GS-9 level, respectively. Additional information regarding qualification requirements may be found in the Office of Personnel Management Qualification Standards Handbook. **Specialized Experience:** Experience that equipped the applicant with the particular knowledge, skills, and abilities to perform successfully the duties of the position, and that is typically in or related to the work of a security specialist. Additional information regarding qualification requirements may be found in the Office of Personnel Management Qualification Standards Handbook. **Further Evaluation:** With the exception of reassignment and voluntary change to lower grade, applications of candidates meeting the basic qualification requirements (outlined above) will be further evaluated for ranking purposes on the degree to which they possess the following knowledge, skills, and abilities for success in the position: (1) knowledge of various security programs, regulations, policies, and procedures; (2) ability to manage security programs; (3) ability to interpret and apply security policies, procedures, regulations, and instructions; (4) ability to communicate orally and in writing. On a separate sheet(s) of paper, as a supplement to your SF-171, provide examples of your knowledge, skills, and abilities applicable to each of the factors identified in the Further Evaluation section. **How To Apply:** If you are qualified and interested in this position, submit the following forms: (a) Application for Federal Employment, Standard Form 171 (SF-171); be sure to sign and date your SF-171; (b) a copy of your most recent Notification of Personnel Action (Standard Form 50); (c) a copy of your most recent annual performance rating; (d) a copy of the Background Survey Questionnaire (Standard Form 181). SF-171s and 181s may be obtained at the office shown below or federal activity nearest you. **Do not** send copies of awards, citations, letters of recommendation, personal evaluations, samples of projects or study papers, or official job descriptions. All applications under this announcement should be submitted or mailed to the following address:

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

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

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



## NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



### ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

#### SHREDDER MAINTENANCE CONTRACTS

The FIP Resources Branch (C6331) has contracts for the maintenance and repair of shredders. These are per-call (time and material) contracts covering shredders at China Lake and Point Mugu. They are not mandatory contracts, but have been initiated to provide primary or alternative service support. The contracts include remedial and preventative maintenance for shredders regardless of manufacturer or model.

For China Lake and Point Mugu service, you must contact Anabelle Lipinski at (619) 939-3427 or DSN 437-3427 with the following information: model number, serial number, bar code, job order number, contact/requestor, code, telephone number, location, and a brief description of the problem.

Questions or problems may be directed to Anabelle at the above numbers.

#### VX-4 SQUADRON REUNION

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

#### FIP HELP SESSIONS

The Federal Information Processing (FIP) Resources Branch (C/P633) will offer biweekly help sessions at both Point Mugu and China Lake, titled "Just-In-Time," for anyone planning to acquire FIP resources (formerly called automatic data processing equipment (ADPE)) and anyone who needs to write an Abbreviated System Decision Paper (ASDP). Assistance will be on a one-on-one basis and will be available at China Lake on **21 September; 5 and 19 October; and 2, 16, and 30 November** at Bldg. 02466, Room 20001B, from 0900 to 1100. At Point

Mugu, assistance will be available on **14 and 28 September; 12 and 26 October; and 9, 23, and 30 November** at Bldg. 340A, Mini-Conference Room from 0900-1100. Additional dates will be announced at a later date. For more information, contact Bonnie Jones at 939-1557.

#### HUMAN RESOURCES DEPARTMENT RAP SESSION MINUTES

**Note filesaver changes.** The minutes from the Human Resources Department (HRD) Rap Sessions are now available electronically through the C-LAN. You can download the files by logging onto the HRD Network using a Mac or PC. The following procedures will assist you. If you have any questions, contact the PMA assigned to your code.

**For PC:** At the network prompt (F:\LOGIN), type the command "Login PM62PUB\_NFS/Rap-PC". This will put you at the drive letter U:\. At this point, you can do a directory listing and copy the file(s) you want down to your local workstation. After you copy the file to your workstation, log off the HRD network. Type the command "Logout". At your workstation you can open the file in your own word processor.

**For Macintosh:** Go into chooser and click on Appleshare. Find the zone name "PM HRD" and click on it. Click on the file-server "PM62PUB\_NFS" and select OK. Click on Registered User and in the name field, type "RAP\_MAC" (no password is assigned). Click OK. Select "PUB" and click OK. A file cabinet icon will appear on the desktop of your Macintosh with the label "PUB". Double click on this icon to open it. Double click on the folders "RAP" and "MAC". This is where you can copy the file(s) to your local desktop or hard drive. After copying the files, close the folders "MAC", "RAP", and "PUB", then throw the "PUB" icon into the trash. This takes you off the HRD network.

**Note:** Do not open a file from the PM62PUB\_NFS filesaver. Copy it to your local drive and open it from your local drive in your word processor.

#### FEDERAL JOB OPPORTUNITY LISTING

**Bulletin Board System (BBS) - The Federal Job Opportunity Listing (FJOL)** BBS is available to PC-compatible and Macintosh computers using a standard communications package (i.e. Procomm, Smartcom). The phone number to call to login into the BBS is (805) 989-3233. Follow the instructions on the screen to register as an authorized user.

**Command Local Area Network (C-LAN) - The FJOL** is also available on the C-LAN on the P62 HRD Server for PC-compatible and Macintosh users. Any specific questions regarding access to the C-LAN should be directed to the network administrator responsible for the local area network in your area.

**PC-Compatible Computers:** At a network prompt, type the following command: "LOGIN PM62PUB\_NFS/JOBSPEC".

**Macintosh Computers - In Chooser,** click on Appleshare. Find the zone "PM HRD" and click on it. Click on the file-server "PM62PUB\_NFS" and select OK. Click on registered user and in the name field, type "JOBSMAC" (no password is assigned). Click on "PUB", then click OK. A file cabinet icon will appear on the desktop of your Mac with the label "PUB". Double click on this icon to open it. Double click on the folders "FJOL" and "MACFILES". Double click on the icon "BBED-IT" to start the program. You can view one file (state) at a time or choose to open several files. When you have finished using the FJOL program, "QUIT" and close the folders "MACFILES", "FJOL", and "PUB". Then drag the "PUB" desktop icon to the trash. This last step is very important because it logs your connection off of the HRD server, allowing another connection to be made.

If you have any questions regarding the use of this service, call Gina Beck at (805) 989-3328. For any questions regarding specific listings, call the number at the bottom of the announcement.

#### CAREER TRANSITION AND PLACEMENT CENTERS

Need assistance with your future career plans? Unsure of how to prepare a resume or complete an SF-171? Confused about the demand for your skills and educational background in today's work environment? Visit the Career Transition and Placement Center (CTPC) at both Point Mugu and China Lake. Both sites offer full service career transition assistance daily and personal career counseling by appointment. Center resources include periodicals, brochures, and books on many topics including career planning, job searching, and retirement. IBM compatible and Macintosh computers with laser jets and applicable software are available to help you write your resume or SF-171, determine your interests and values, or search available job listings via bulletin boards. The Point Mugu Center is open from 1000-1500 daily and is located in Bldg. 5-1, Room 31. For more information, call 989-3982/3994. The China Lake Center is now in two locations: job bulletin boards are available in Room 100 at Personnel (Bldg. 02335) from 0700-1700, and check-out materials are in the Training Center, Room 100 from 0700-1630. Both locations are closed from 1130-1230. For more information, call 939-2264/2265.

#### CAREER TRANSITION TIP

When contemplating good cover-letter design and construction, it is important to keep one very important fact in mind; the cover letter must be written from the employer's perspective. Stated differently, good cover-letter writing must take into consideration that the end result you seek is employer action. It is necessary to realistically address the following questions: (1) How does the employer read the cover letter? (2) What are the key factors the employer is looking for (and expects to fine) in the cover letter? (3) What are the motivational factors that will pique the employer's curiosity and create a desire to interview you?

#### MICROGRAPHICS HARDWARE CONTRACT

The Federal Information Processing (FIP) Resources Branch (C6331) has a Center-wide contract for remedial and preventative maintenance of micrographics hardware. This contract is a time and materials contract. It is not a mandatory contract, but has been initiated to provide primary or alternative service support.

Contractor: National Microcomp Computer Services

Contract Number: N60530-92-D-0015

This contract includes remedial and preventative maintenance of micrographic equipment (microfiche reader/printers) regardless of manufacturer or model.

If you want service on this contract, you

### CHINA LAKE GENERAL ANNOUNCEMENTS

#### CSUB STUDENTS PLEASE NOTE

PPA525: Administrative Law was inadvertently omitted from the fall schedule in previous issues. Refer to the schedule in this issue for details.

#### CSUB COUNSELORS ARE COMING

\* Academic counselors of California State University, Bakersfield will be at China Lake on **12 September** to advise current and prospective students on the external degree programs offered by the school at China Lake: a bachelor's degree program in business administration, a master's degree program in administration, and a certificate program in environmental management. To make an appointment to see one of the counselors, call Denise at 939-2648.

#### CERTIFICATE PROGRAM IN ENVIRONMENTAL MANAGEMENT

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

#### USE EXPIRING FUNDS FOR PUBLISHING AND PRINTING

If you have publishing and printing requirements that you have been delaying this year, consider getting the work done on FY 1994 funds before they expire.

Requests for routine printing and duplicating, done by the China Lake Branch of Defense Printing, should be made by **28 September** to ensure that funds are obligated. Large jobs, and those involving contract services, need to be ordered on a DD 282 by **21 September** to ensure funds are obligated in FY 94 even though the printed materials are not delivered until FY 95. Call Maureen Holmes at 939-3668 or Byron Butler at 939-0933 or visit the Publications Program Office, Bldg. 02339, Rm 129 for answers to your questions or help in preparing requests.

If you have a new requirement to publish a report or brochure call Ramona Bernard at 939-2016 at the Publications Branch or any of the TID Field Branches.

must contact Anabelle Lipinski at 939-3427 with the following information: model number, serial number, bar code, job order number, contact/requestor, code, telephone number, location of the equipment, and a brief description of the problem.

Questions or problems may be directed to Annabelle Lipinski at 939-3427.

#### HAZARD COMMUNICATION (HAZCOM) STANDARD TRAINING

29 CFR 1910.1200 establishes a requirement that all personnel receive Hazard Communication (HAZCOM) Standard training. This mandatory training familiarizes personnel with the requirements of the standard.

A significant number of China Lake personnel have not yet received this training. The Safety Office will be offering this training via video presentation. Each showing will last approximately 20 minutes. The showings will run from 0800-1630 beginning on the half hour with a lunch break from 1130-1230. Training will be held **21 September** at the Training Center, Room 114.

Attendance is on a "show-up" basis. It is unnecessary to call the Safety Office to sign up. Each person attending must ensure that their badge is scanned in order to receive proper credit for training.

#### GOVERNMENT CONTRACT MANAGEMENT CERTIFICATE PROGRAM

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

## RETIREMENTS

### DONALD T. MOONEY

Donald T. Mooney is retiring from the China Lake Police Department with 40 years of federal service. A farewell dinner will be held in his honor at the Indian Wells Valley Lodge on **10 September** beginning at 1800. For reservations, presentations, or information, contact Cheryl at 939-2709 or 927-3476.

### JUNE S. DEATHERAGE

June S. Deatherage, Technical Information Department, is retiring after 27 years of federal service. A farewell luncheon will be held in her honor at the Carriage Inn on **14 September** from 1130-1230. Lunch will include an all-you-can-eat Polynesian buffet featuring choice of salads, teriyaki chicken, baked Mahi Mahi, fried rice, crispy noodles, and choice of beverage. The cost is \$9.25 per person, including tax and gratuity. For reservations and to make presentations, contact Lori at 939-0592 or Rose at 939-3391.

### MARVIN WINDSOR

Marvin Windsor, Ordnance Evaluation Branch, has retired after 31 years of federal service. C2712 invites all of his friends to join him in his retirement celebration at Farris' Fine Dining (Heritage Inn) on **14 September**. Festivities will begin at 1800 and a buffet will be served at 1830. Dinner tickets will be sold in advance for \$12.50 per person. For dinner tickets or presentations, call Sharon at 939-7246 or Robin at 939-7454.

### DWAYNE HARMS

Dwayne Harms is retiring after 22 years of service. A dinner will be held in his honor at Farris' at the Heritage on **16 September**. A no-host bar will open at 1800, and dinner will begin at 1830. The menu includes a choice of lemon chicken, roast beef, salads, mixed vegetables, potatoes, pasta, and dessert. Tickets are \$12.50 and must be purchased prior to **14 September**. For presentations, contributions, or tickets, contact Howard McCauley at 939-0546 or Caroline Parent at 939-0550. The theme for attire is "The Great Outdoors."

### ALEX W. BELLEN

Alex W. Bellen (C33/C03A) will be retiring after 33 years of federal service, 27 of which were served at Echo Range. A farewell party will be held in his honor at the Seafarers on **22 September**. There will be a no-host cocktails and heavy hors d'oeuvres beginning at 1830. Tickets must be purchased in advance at a cost of \$10 per person and includes a gift donation. For ticket purchase and/or presentations, contact Tammi Johnson at 939-9190, Carol Apt at 939-9165, or Deron Giuliani at 939-9197 by **15 September**.

### JOHN BURMEISTER

John Burmeister is retiring after 35 years of federal service at China Lake. A farewell party will be held in his honor at El Charro Avitia on **27 September**. A no-host bar will begin at 1800 with dinner at 1830. Dinner will consist of order-off-the-menu selections. Presentations will begin at approximately 1930. For presentations, gift donations, and reservations, contact Janice Townner at 939-2131 by **26 September**.

### BOB BRILEY

Bob Briley, C254, is retiring after 37 years of service. A luncheon will be held in his honor at the Sizzler's Lounge on **28 September** at 1130. Lunch choices will include an all-you-can-eat salad bar at a cost of \$5.95 or you may order off the menu. For reservations and/or donations, call Lydia Groat at 939-3705.

### J. WALTER HANNON

J. Walter Hannon, C2746, is retiring after 34 years of service at China Lake. A farewell celebration is planned in his honor at the Carriage Inn on **14 October**. A no-host bar and heavy hors d'oeuvres will be served beginning at 1800. Tickets are \$7 per person and need to be purchased prior to COB Wednesday, **12 October**. For tickets, gift donations, or requests to make presentations, contact Cherie Hall at 927-2826.

### HENRY BLECHA

Henry Blecha, C28C, is retiring from China Lake. A retirement party is planned at 730 N. Balsam (Hitter's Banquet Room behind Mom's Furniture) on **29 September** at 1730. Come and help Henry celebrate the start of yet another chapter in "The Life of Henry." Tickets are \$8 per person and include food, spirits, tea, and coffee. If you wish to give a presentation or gift donation, call Annette at 939-1187 by **27 September**.

### BOB WHITE

Bob White, C658, is retiring. A retirement party will be held in his honor at John's Pizza on **21 September** at 1115. For reservations, call Marsha Hart at 939-2511 by **14 September**.

### ROBERT M. GLEN

Bob Glen, C02, will be retiring after 36 years of federal service, 33 of which were served at China Lake. A farewell party will be held in his honor at the Carriage Inn on **21 September**. No-host cocktails will begin at 1800, heavy hors d'oeuvres at 1900, and presentations at approximately 1945. The cost is \$10 per person (includes gift donation). Tickets must be purchased in advance; the deadline is COB Friday, **16 September**. To purchase tickets and/or make presentations, contact Carol Barry, 939-3409/3400.

## POINT MUGU GENERAL ANNOUNCEMENTS

### MANDATORY SUPERVISOR REFRESHER TRAINING

A mandatory supervisor training course will be held at Building 5-1 Auditorium on **19, 20, 21, 22 September**. Each session is 3-1/2 hours long; times are 0800-1130 and 1230-1600. The purpose of this training is to increase overall productivity and control workplace injuries and illnesses through the use of proper ergonomic and management techniques. Ergonomics seeks to adapt the job and workplace to the worker by designing tasks within the worker's capabilities and limitations. This course will provide the following:

- How to identify Cumulative Trauma Disorder (CTDs)
- How to recognize ergonomic risk factors
- How to set up a work environment using sound ergonomic principles that will reduce CTDs in your areas.

To sign up for this course, send an on-board training request to Felicia Nickelberry, P622, by **29 August**.

### LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

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

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

### CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

### EMPLOYEE COMMUTE OPTIONS PROGRAM

#### ELIGIBILITY REQUIREMENTS

To be registered in the NAWCWPNS Trip Reduction Program an individual must be an active-duty military member or civilian employee of NAWCWPNS Point Mugu or Camarillo Airport work sites using an alternative means of transportation to arrive at the worksite. Alternative means of transportation include walking, running, bicycling, car/van pooling, public transportation (including base transit system), and using a clean-fuel vehicle, such as propane, methanol, compressed natural gas, or electricity. A carpool includes passengers 16 years of age and older who are dropped off at school or work, or persons who are registered and dropped off at employer-sponsored day care or elder care facilities located within a 1/2-mile radius of the worksite.

#### SPECIAL COMMUTER INFORMATION

Only employees registered in the program and who have a serial-numbered yellow Point Mugu carpool sticker are authorized to use the "Carpool Only" parking spaces on station. Registered personnel should use the "Carpool Only" spaces only on days that they are actively car/van pooling. Anyone else using these parking spaces will be ticketed by the Security Department.

#### RIDESHARE HOTLINE

For rideshare hotline information, contact the Employee Transportation Coordinator, Ron Rogers at 989-3997.

technical problems pertaining to operations. The incumbent is responsible for enforcing safety and security rules and regulations governing magazine operations and areas disseminating information both up and down the chain of command, and interpreting and disseminating information contained in directives, manuals, and orders issued by higher authority. The information referred to is relative to the field of ordnance and specifically to receiving, inspecting, storing, and handling. **Quality-Ranking Factors:** Knowledge of ordnance materials; dexterity and safety (including skill in detecting potential ordnance hazards); ability to supervise; ability to meet with, and deal effectively with, others; and an interest in, and potential to, manage personnel problems (equal employment opportunity). Must be able to obtain and maintain a Secret clearance. No promotion potential. Supplemental Required. **Note 2 applies.**

### DOD WIDE

**No. C28-003GB4, General Engineer, DP-801-3, C28E, Advanced Projects Office, Attack Weapons Department. Area of Consideration:** DOD Wide. **Opening Date:** 9-8-94. **Closing Date:** 10-6-94. **Selecting Official:** Scott Randall, (619) 939-2842. **HRD Contact:** Gail Bigelow, (619) 939-2393. **Permanent Change of Duty Station Expenses Authorized:** Yes. **Summary of Duties:** The incumbent is responsible for a wide range of systems engineering duties on advanced strike warfare weapon systems and concepts. Evaluates advanced weapon system designs for adequacy to meet fleet needs. Monitors contractor design and development efforts to ensure satisfaction of operational requirements. Develops operational employment concepts and training needs for advanced strike weapon systems. Performs a full range of systems engineering functions encompassing air-vehicle design, aerodynamics, avionics system design and development, test and evaluation engineering, mission planning, launch platform integration, and logistics and operational planning. **Selective Factor:** Ability to plan, analyze, and implement training and employment concepts for advanced, complex, and highly classified strike weapon systems. **Quality-Ranking Factors:** Knowledge of Navy advanced strike weapon system technologies and concepts; knowledge of systems engineering, including mechanical systems, avionics systems, aerodynamics, test and evaluation engineering, and logistics. **DAWIA QRF:** Ability to meet the mandatory DAWIA requirements for training, experience, and education for level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Position is at the full performance level. **Notes 3 and 4 apply.**

### NATIONWIDE/CURRENT PERMANENT DOD EMPLOYEES

**No. F74-036-1TLT4, (1) SECURITY OFFICER, DP-0080-03, Naval Air Weapons Station, Security Department, P7421. Area of Consideration:** Current Permanent DOD Employees Nationwide. **Opening Date:** 9-8-94. **Closing Date:** 10-6-94. **Selecting Official:** Capt. Laughter, (805) 989-7903. **HRD Contact:** Tonya Thompson, (805) 989-3321. **Permanent Change of Station Authorization:** Negotiable. **Summary of Duties:** Incumbent supplements technical proficiency of technical management staff with financial management and program planning. Proposes, coordinates, plans, and prepares program budgets, work unit plans, and proposed development or product improvement plans; plans, coordinates, schedules, and monitors specific program tasks, such as government-furnished material (GMF) and foreign military sales (FMS); prepares short-range and long-range financial plans, life-cycle cost studies, and design-to-cost studies; manages, administers, and coordinates the safeguarding of information and

## CAREER DEVELOPMENT OPPORTUNITIES

### Nomination accepted for NSAP positions

The Navy Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's research, development, test and evaluation (RDT&E) laboratories, divisions, and operational forces and the responsiveness of the laboratory and division communities in achieving timely solutions to specific technical problems that significantly impact operational readiness.

**NSAP TECHNICAL ADVISORS, Interdisciplinary, DP-801, 855, 861, 1310, 1520, 1550, (Multiple Vacancies), Position:** Scientist/Engineer, DP-III or Above. **Area of Consideration:** NAWCWPNSDIV, All Sites. **Opening Date:** 8-26-94. **Closing Date:** 9-9-94. **Selection Official:** Bill Chicky, (619) 939-1485/Carroll Watson, (619) 989-7853. **HRD Contact:** Susan Koch, (619) 939-8120. **Permanent Change of Duty Authorized:** Yes. NAWCWPNS interview 13, 14 September. NSAP interview (White Oak Md.) October. Selectees will be assigned to the following commands:

- ASW COMSIXTHFLT, Gaeta, Italy
- ADP COMSIXTHFLT, Gaeta, Italy
- 1ST MEF, Camp Pendleton, Calif.
- 3RD MEF, OKINAWA, Japan
- CINLANTFLT, Norfolk, Va.
- CINCPACFLT, Honolulu, Hawaii

**Note:** These assignments start summer 1995.

**Summary of Duties:** **For the ADP & ASW positions,** scientist or engineer with extensive C4i/OTHT/ADP/NTCS/ALANs. **For the MEF positions,** scientist or engineer with Marine Corps systems, wheeled and tracked vehicles, weapons systems, material corrosion control, biologic and chemical warfare protection, fixed-wing and rotary-wing combat aircraft. Field experience with Army or Marine Corps units is desirable. **For the CINC positions,** scientist or engineer in one or more of the following areas: logistics, maintenance and upkeep of various Navy and systems, sensors, C4i, aircraft and support systems, weapons and weapons systems, ground vehicles and support systems. **Quality-Ranking Factors for the ADP and ASW positions:** Technical competence in ADP, C4i, and LANs. **For the MEF positions:** Technical competence in MARCORPS Systems. **For the CINC positions:** Technical competence in Navy and MARCORPS Systems. **For all positions:** (1) Ability to deal effectively with high ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy, and sound judgment; (2) ability to make sound technical recommendations and accept responsibility for decisions; (3) communication abilities which allow meaningful exchanges with Navy and civilian personnel with various skill levels and technical disciplines; and (4) familiarity with SYSCOMS and other RDT&E activities. A minimum of a Secret security clearance is required. Applicants must pass the required physical examination.

**NSAP SCIENCE ADVISORS, Interdisciplinary, DP-801, 855, 861, 1310, 1520, 1550 (Multiple Vacancies), Position:** Scientist/Engineer, DP-IV or (pending approval) if a current DP-III is selected, the employee may be temporarily promoted for the duration of the assignment. **Area of Consideration:** NAWCWPNSDIV, All Sites. **Opening Date:** 8-26-94. **Closing Date:** 9-9-94. **Selection Official:** Bill Chicky, (619) 939-1485/Carroll Watson, (619) 989-7853. **HRD Contact:** Susan Koch, (619) 939-8120. **Permanent Change of Duty Authorized:** Yes. NAWCWPNS interview 13, 14 September, NSAP interview (White Oak, Md.), October. Selectees will be assigned to the following commands:

- COMTHIRDFLT, San Diego, Calif.
- COMSIXTHFLT, Gaeta, Italy
- COMARFORPAC, Honolulu, Hawaii
- COMNAVSPECWARCOM, San Diego, Calif.
- CINUSNAVEUR, London, United Kingdom
- CINCPACFLT, Honolulu, Hawaii
- OPNAVN83, Washington, D.C.
- CINUSACOM, Norfolk, Va.

**Note:** These assignments start summer 1995.

**Summary of Duties:** Selectees will participate in fleet activities as required. Technical engineering and management background and experience with acquisition programs are essential. Must demonstrate the ability to work in any one or more of the following areas: mine, ASW, ASUW, AAW, special and/or electronic warfare areas, C3, C4i, surveillance and ocean technologies. The Science Advisor will have contact with the Fleet Command, NAWC RDT&E Division, and other naval laboratories/centers on NSAP and command RDT&E matters. A normal tour of duty for this assignment is one year with one year extensions possible if the incumbent Division Management, NSAP, and Command concur. Applications of NAWC Weapons Division's selectees will be submitted as nominees to the NSAP Director. **Quality-Ranking Factors:** (1) Technical competence in one or more of the following areas: mine, ASW, ASUW, AAW, special, and EW warfare areas, and C4i, surveillance, and ocean technologies; (2) ability to deal effectively with high ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy, and sound judgment; (3) ability to make sound technical recommendations and accept responsibility for decisions; (4) communication abilities that allow meaningful exchanges with Navy and civilian personnel with various skill levels and technical disciplines; (5) familiarity with SYSCOMS and other RDT&E activities and acquisition processes. A minimum of a Secret security clearance is required. Applicants must pass the required physical examination.

## APPLICATION PROCEDURES

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

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

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

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

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

## AREA OF CONSIDERATION INFORMATION

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

## NOTES

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

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

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

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

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

## GENERAL INFORMATION

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

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

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

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

## MERIT PROMOTIONS

## ALL NAWCWPNS SITES

**No. C21-017-KN4, Engineering Psychology, DP-180-3, Crew Systems Interface Branch, Targeting & Fire Control Division, Aircraft Weapons Integration Department, C2152. Area of consideration:** NAWCWPNS. **Opening Date:** 9-8-94; **Closing Date:** 9-22-94. **Selecting Official:** Carol Burge, (619) 939-0364. **HRD Contact:** Kym Noh, (619) 939-2393. **Permanent Change of Station Authorization:** Yes. **Summary of Duties:** The branch specializes in basic and applied research in human performance and interface issues related to weapons and aircraft systems currently under development by the Navy. The branch also provides human factors engineering support to aircraft and weapon system programs at the NAWC-WPNSDIV. Specifically, the incumbent will be responsible for all phases of laboratory and field research investigating human performance and display-interface issues. The incumbent will be responsible for the development and execution of research programs in one or more areas covered by the branch. Duties will include the design of experiments, development of

experimental hardware and software, administration, collection and analysis of data, and documentation of results and findings. The incumbent will be responsible for oral and written reports and presentations to sponsors and management. **Quality-Ranking Factors:** Knowledge of the literature, methodologies, measurement tools, and theories in experimental, cognitive, or perceptual psychology; knowledge of advanced statistical analysis techniques and computer-based statistical analysis programs; ability to develop and administer research programs and conduct experiments in human performance including the ability to formulate hypotheses, design experiments, collect and analyze data, and document results in a coherent and articulate manner; ability to design, develop, and implement hardware and software required to support conduct of experiments; ability to communicate orally and in writing. Ability to meet the mandatory DAWIA requirements for training, experience, and education for level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. **Note 4 applies.**

**No. C85-003-NR4, (1) Materials Handler Supervisor, WS-6907-7, Weapons Department, Magazine Operations Division, C851, Naval Air Weapons Station, China Lake, Calif. Area of Consideration:** NAWCWPNS. **Permanent Change of Duty Station Authorized:** No. **Selecting Official:** Jack Kavanagh, (619) 939-6271. **HRD Contact:** Evelyn McMurdo, (619) 939-2925. **Opening Date:** 9-8-94 **Closing Date:** 9-22-94. **Summary of Duties:** The incumbent will serve as the Division Head for the Magazine Operations Division. The incumbent is responsible for providing supervisory support to quality assurance specialists, and materials handlers, and the materials handler leader for all ammunition and explosives received, shipped, stored and issued within the NAWS. The incumbent is responsible for the appraisal and selection of adequate and suitable storage compatibility for ammunition, explosives, and components; planning magazine layouts to assure orderly and safe storage; determining the required special or unique handling equipment, and providing accountability and security measures on magazines under his responsibility. Based on a thorough knowledge of explosive handling, storage, and transportation techniques, the incumbent advises and instructs employees on unusual or specific



## HUMAN RESOURCES DEPARTMENT INFORMATION

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

## EMPLOYEE/LABOR RELATIONS DIVISION NEWS

## LEAVE DONORS NEEDED

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

## CHINA LAKE

**Sirell Hurlocker, C28J**  
Sirell is on maternity leave.

**Deborah L. Birch, C3923**  
Debbi is having arthroscopic surgery on her knee and will be at home recovering. She is indebted for leave as a result of continuing cancer treatment.

**Maryann Hiser, C0239**  
Maryann is in Loma Linda Medical Center as a result of complications from an infected gall bladder and is awaiting surgery. She is expected to be on leave for at least 4 weeks following surgery.

**Erin Strand, C6414**  
Erin is under a physician's care due to complications of early pregnancy.

**Debra Campbell, C6142**  
Debra has had back surgery for a herniated disc.

**Kathleen Bangs, C2621**  
Kathleen is recovering from knee surgery.

**Mary Hire, C02461**  
Mary is recuperating from major surgery.

**Mary Lea Calek, P3855**  
Mary Lea is recovering from a heart problem.

**Thomas Hadley, P2632**  
Thomas is recovering from heart disease.

**Trudie Harvey, P3805**  
Trudie is under a doctor's care.

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

**Judith Newton, C6132**  
Judith has exhausted her leave taking care of her husband, who had heart surgery.

**Deby Geiger, C852**  
Deby is undergoing necessary surgery and her recovery time is estimated to be 5 weeks.

**Peggy Van Skike, C612**  
Peggy is under a doctor's care for a medical emergency.

**Toby Van Skike, C21451**  
Toby is under a doctor's care for a medical emergency.

**Susan Willard, C32205**  
Susan is being treated for a serious illness and will be unable to work for the next several months.

**Lois Berry-Light, C2876**  
Lois had arthroscopic surgery of the left knee as a result of undefined infection of the knee joint.

**Cathy McCune, C29B14**  
Cathy is recovering from major surgery.

**Antonette Revis, P3925**  
Antonette is undergoing surgery.

**Carla Allen, P261**  
Carla is recuperating from major surgery.

**Beatriz Garcia, P77**  
Beatriz is experiencing complications from her pregnancy and is presently under a physician's care.

**Melody Dates, P238**  
Melody had brain surgery.

**Lucinda Lundin, C626**  
Lucinda will be undergoing surgery and will be out for several weeks.

**William Muhlhausen, C2633**  
William had a total hip replacement.

**Gary Newton, C8342**  
Gary will be undergoing an unexpected triple bypass open heart surgery and will be convalescing for 2 to 3 months.

**Diane Sapp, C8348**  
Diane had surgery.

**Rick Grazer, C6111**  
Rick is under a doctor's care and is unable to return to work. He is the sole support of his family.

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

**Denise Evans, C6111**  
Denise suffered a stroke and will be unable to return to work for an extended period of time. She is a single mother and this is her only source of income.

## POINT MUGU

**Thomas Manson, P3713**  
Thomas is being treated for out-of-control diabetes, anxiety, and stress. If these conditions are not controlled, they will result in serious and crippling illness and early death.

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

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

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

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

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

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

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

**Janice Henderson, C6335**  
Janice is caring for her brother while he is on dialysis awaiting a kidney/pancreas transplant.

**Larry Kuster, C842**  
Larry has colon cancer and is undergoing chemotherapy and radiation treatments.

**Ethel Wilson, P7325**  
Ethel will be undergoing a second surgery in 5 months and will be on leave for 2-1/2 months.

**Jennie Miller, P37121**  
Jennie is undergoing chemotherapy for bone cancer.

**Brenda Davis, P625**  
Brenda is undergoing treatment for lupus erythematosus.

## HUMAN RESOURCES DEVELOPMENT DIVISION NEWS

## ON-BOARD TRAINING COURSE SCHEDULE

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

## CHINA LAKE COURSES

## SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

**SOFTWARE COST ESTIMATING (4 hrs.)**  
15 September; Thursday, 0800-1200; Training Center. By: Dinah Beres, C25254

Students will learn how software cost estimating can help you successfully manage your project. The Software Process Improvement Initiative (SPII)

efforts to reach the Software Engineering Institute's (SEI) Maturity Level 2 depend upon improving our software project management, including software cost estimating. Find out what COCOMO and other software cost-estimating models can (and can't) do for you. The three commercially successful software cost estimating models, Price-S, SLIM, and SEER will be demonstrated in class. **Deadline: 1 September.**

**RISK MANAGEMENT (16 hrs.)**  
13-14 October; Thursday-Friday, 0800-1600; Training Center. By: A.M.I. **REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.**

The overall objective of this course is to develop an understanding and application of risk management techniques in Navy systems acquisition. Specific objectives are to

1. Identify program risks and develop plans to manage those risks
2. Understand industry participation in risk management processes
3. Understand how contractors identify risks and develop plans to manage those risks as part of proposal preparation
4. Demonstrate use of an early, structured risk assessment and analysis process

- Establish a series of "risk-assessment events" where the effectiveness of risk reduction conducted to date are reviewed
- Understand that risk assessment includes the contractor's managerial, development, and manufacturing capabilities and processes
- Establish a clearly defined set of evaluation criteria for assigning risk ratings (low, moderate, high)

Deadline: 29 September.

#### NAVY CONTRACTS MANAGEMENT (24 hrs.)

18-20 October; Tuesday-Thursday, 0800-1600; Training Center. By: A. M. I. REQUIRED FOR ENROLLEES IN THE TMC/TMDP PROGRAM.

This class provides the Navy technical manager with an overall understanding of the acquisition process from planning for a solicitation through contract close-out. It concentrates on key activities required to award and administer a Navy contract. Included are such topics as acquisition planning, types of contracts, requests for proposal, source selection, contract modifications, contract administration, and contract completion.

Deadline: 4 October.

#### ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

#### TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

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

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

To enroll or ask questions, call 939-2686.

#### PROFESSIONAL DEVELOPMENT FOR SUPPORT STAFF (16 hrs.)

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

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

#### X408.1: ELEMENTS OF GOVERNMENT CONTRACT ADMINISTRATION (36 hrs.)

26 September-19 December; Mondays, 1700-2000; Training Center. By: Lloyd Crabtree, UCSB

Prerequisite: None  
Intended Audience: Participants in the certificate program in Government Contract Management.  
Course Objectives: Survey of the elementary features of federal government agency acquisition functions. History and techniques of procurement. Key regulations and principles related to: types of contracts, weapons systems acquisition, advertised bidding and negotiated contracts, significant clauses, financial aspects, changes, acceptance, property, patents and data administration, termination, and contract close-outs.

Text: Instructor will provide copies of pertinent material (portions of the FAR).

Deadline: 19 September.

Enrollments are on a call-in basis. To enroll, call Denise at 939-2648. Employees taking this course must sign a statement at the time of registration, promising to reimburse the Government if a satisfactory grade (i.e., "C" or better) is not obtained.

#### SECURITY CLASSES

##### SECURITY FOR SCIENTISTS, ENGINEERS, AND TECHNICIANS (8 hrs.)

13 September; Tuesday, 0730-1630; Training Center. By: Wendy Merendini

Intended Audience: Scientists, engineers, and technicians whose duties involve access to classified or unclassified technical information.

This course will provide information and exercise in classification, distribution statements, classified meetings, author's responsibilities, personnel security, and OPSEC. A brief discussion of computer security and COMSEC will be held.

To enroll, call Cathy Mattox at 939-2612.

##### SECURITY FOR SUPERVISORS (8 hrs.)

12 October; Wednesday, 0800-1600; Training Center. By: Linda Hall

All supervisors now have security as a critical element in their performance plans. This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security, information security, personnel security and badging, computer security, physical security, operation security, and security education.

To enroll, call Cathy Mattox at 939-2612.

map and effective tools of implementation for professional self-development.

To enroll, call Sue at 939-2349.

Deadline: 7 September.

#### EQUIPMENT CUSTODIAN (3 hrs.)

15 September; Thursday, 1300-1630; Training Center. By: Debra Schlick, C6335

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

Management responsibilities from equipment acquisitions through useful life

#### TAMP CLASSES FOR MILITARY MEMBERS AND THEIR SPOUSES

##### SMOOTH MOVE WORKSHOP

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

##### DYNAMITE SF-171

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

##### HANDS-ON RESUME WORKSHOP

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

For TAP workshops, contact your career counselor.

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

#### CSUB FALL COURSES

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

##### COURSES UNDER CONTRACT

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

##### ADM570: RESEARCH AND DEVELOPMENT MANAGEMENT (5 quarter units)

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

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

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

##### BA370: LEGAL ENVIRONMENT OF BUSINESS (5 quarter units)

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

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

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

##### MATH477: NUMERICAL ANALYSIS (5 quarter units)

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

Prerequisite: Calculus III and some knowledge of computer programming.

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

##### COURSES NOT UNDER CONTRACT

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

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

##### PPA525: ADMINISTRATIVE LAW (5 quarter units)

September 19-November 21; Mondays, 1610-2110; Training Center. By: Professor Everett Mann, CSUB.

Scope: This elective seminar surveys administrative law and government regulation, the legal functions of administrative agencies, and the legal aspects of the process by which such agencies carry out their policies. It reviews the evolution of administrative authority and Title 5 of the U.S. Code, examining delegation doctrine, rulemaking, enforcement, adjudication, and judicial review. While this course focuses primarily on the federal system, it also includes an orientation on California's administrative law system.

##### LRM411: ENVIRONMENTAL LAW I (5 quarter units)

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

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

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

and ending with proper disposition will be covered in this course. Also, a way of accessing CERMS through ACC2 network will be explained and a guide provided.

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

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

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

In this class students in engineering, administration, computer science, business, and other degree and graduate pro-

grams will be introduced to the resources of the NAWC Technical Library. They will be shown how to register, gain after-hours access, locate and borrow books, technical reports, periodicals, specifications, standards, technical manuals, etc. Basic research resources for each field will be demonstrated including CD-ROMs and on-

line databases. The user will learn how to locate and borrow materials from other libraries and research centers. The user will be shown how to identify the most current sources in his field using the latest tools.

To enroll, call Denise at 939-2648.

#### POINT MUGU COURSES

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

#### SCIENTIFIC, ENGINEERING, AND TECHNICAL

##### AUTOCAD 3D AND AUTOLISP (32 hrs.)

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

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

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

##### LAN TROUBLE SHOOTING (32 hrs.)

26-29 September; Monday-Thursday, 0800-1630; 4601 Telephone Road, Suite 108, Ventura. By: Computer Focus

Prerequisites: Firm technical knowledge of computer systems.

This course will address installing and troubleshooting networks. This course will provide a complete background for individuals with technical responsibilities for networks. Topics include an overview of networks, an introduction to equipment used, details of how a network is constructed and designed, lessons in the proper use of network components, construction of wide area networks, how to measure network performance, and analyze failed networks.

##### ADVANCED CONCEPTS IN UNIX (40 hrs.)

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

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

##### RISK MANAGEMENT (16 hrs.)

17-18 October; Monday-Tuesday, 0800-1600; Training Center. By: A.M.I. REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

The overall objective of this course is to develop an understanding and application of risk management techniques in Navy systems acquisition. Specific objectives are to

- Identify program risks and develop plans to manage those risks
- Understand industry participation in risk management processes
- Understand how contractors identify risks and develop plans to manage those risks as part of proposal preparation
- Demonstrate use of an early, structured risk assessment and analysis process

#### OPERATIONS DIVISION NEWS

##### LONG TERM ASSIGNMENT

**TECHNICAL ADVISOR, Interdisciplinary, DP-801/855/861/1310/1520/1550-3/4—Area of consideration:** NAWCWPNs. **Opening Date:** 9-8-94. **Closing Date:** 9-22-94. **Selection Official:** Terry Haven, (619) 939-4876. **HRD Contact:** Kym Noh, (619) 939-2393. **Duration of Duty:** 364 days. **Location:** JAST Program Office, Washington D.C. Applicant will perform the duties of the JAST Deputy Director for Program Integration and is responsible to the Director of Program Integration and Analysis for planning JAST integration activities. Additional responsibilities include, but are not limited to, development of plans and strategies for transition of technologies into strike warfare concepts and transition of proven concepts into development, preparation of inputs to the JAST Annual Report and Master Plan, development of the integrated master schedule and coordination of integration, demonstration and transition planning with outside organizations and other IPT leaders. **Knowledge Required by the Position:** Program management of engineering/research and development activities involving one or more of the following areas: aeronautical/aerospace engineering; engineering management; acquisition management; or mechanical, electrical, or electronic engineering. Understanding of advanced integrated system concepts, principles and practices involving strike warfare systems. Knowledge of DOD acquisition policies, planning, programming and budgeting systems (PPBS), the Navy, and Air Force). Knowledge of POM budgeting procedures, program office management, and affordability tradeoffs applicable to the development and procurement process. **Security Clearance:** Work will require access to multiple highly classified programs. Incumbent must be able to obtain a Top Secret security SCI clearance. Polygraph tests may be required. For more detailed information, call Ann Roseman at (619) 939-4876. To apply, send current SF-171 to Ann Roseman, C2109.

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