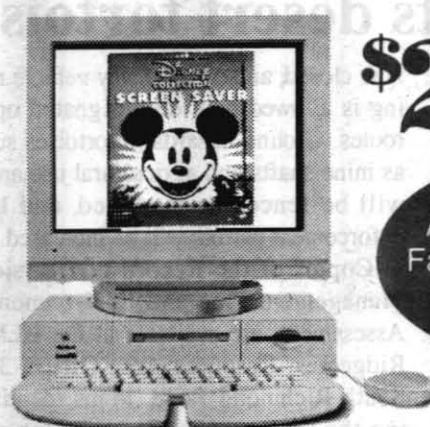


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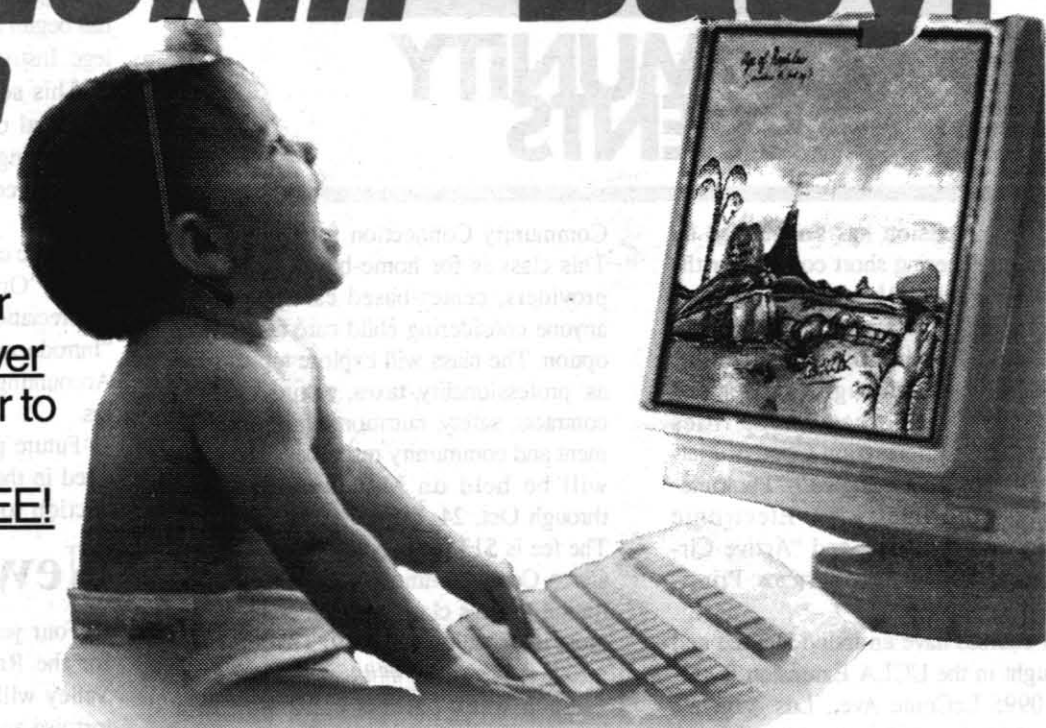
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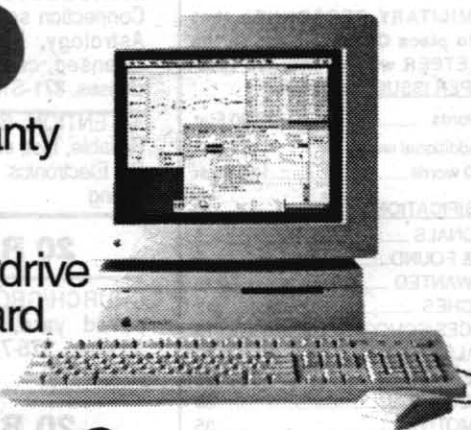
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THE ROCKETEER

THURSDAY, JULY 28, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 15

Headquarters' cottonwoods come down for safety

By Peggy Shoaf
Staff Writer

Change is in the air and one change that some people are having a difficult time accepting is the elimination of the cottonwood trees that used to surround the flag pole in front of the Administration Building.

The trees, which were planted almost 50 years ago, have been a "desert oasis," providing some much needed shade and a picturesque view in an otherwise barren environment.

Those trees were cut down, however, for safety reasons on Friday, July 15. "They were diseased and a safety hazard," said Tammy Jones, a technical representative for the contracting officer of the Base Operating Services Contract. "They have already caused some property damage. We don't want any bodily damage."

Jones noted that the trees were full of root rot and in the past a big limb fell off and damaged a Sparkletts truck. "It smashed a good portion of the truck," she said.

In an effort to prevent cutting the trees down, Public Works personnel have been keeping them well trimmed, but, unfortunately, that had only a short-term success, Jones explained.

In an effort to keep the "desert oasis," Public Works has replaced the diseased cottonwood trees with Chinese Pistach and Bradford Pear trees. The 36-inch boxed trees were planted last week.

"These trees are more tolerable to the desert climate," Jones said, "and they will be even prettier in the spring."

They are also an ideal shade trees, Jones said.

Public Works is also putting in trees in the corners of the Administration lawn so they can cut down those cottonwoods at a later date. "The safety hazards of those trees aren't quite as great as the other ones near the flag area," Jones said, "so the urgency to cut them down isn't as great."

The trees down Blandy Street will also be affected. According to Jones, some of those trees will be removed and others will be trimmed, to lessen the safety hazard. Replacing the condemned trees will be mulberry trees.

"I really hate to see these trees go, but it is time to retire them," Jones said. "They have a life expectancy of 40 to 50 years and ours have lived a long life."

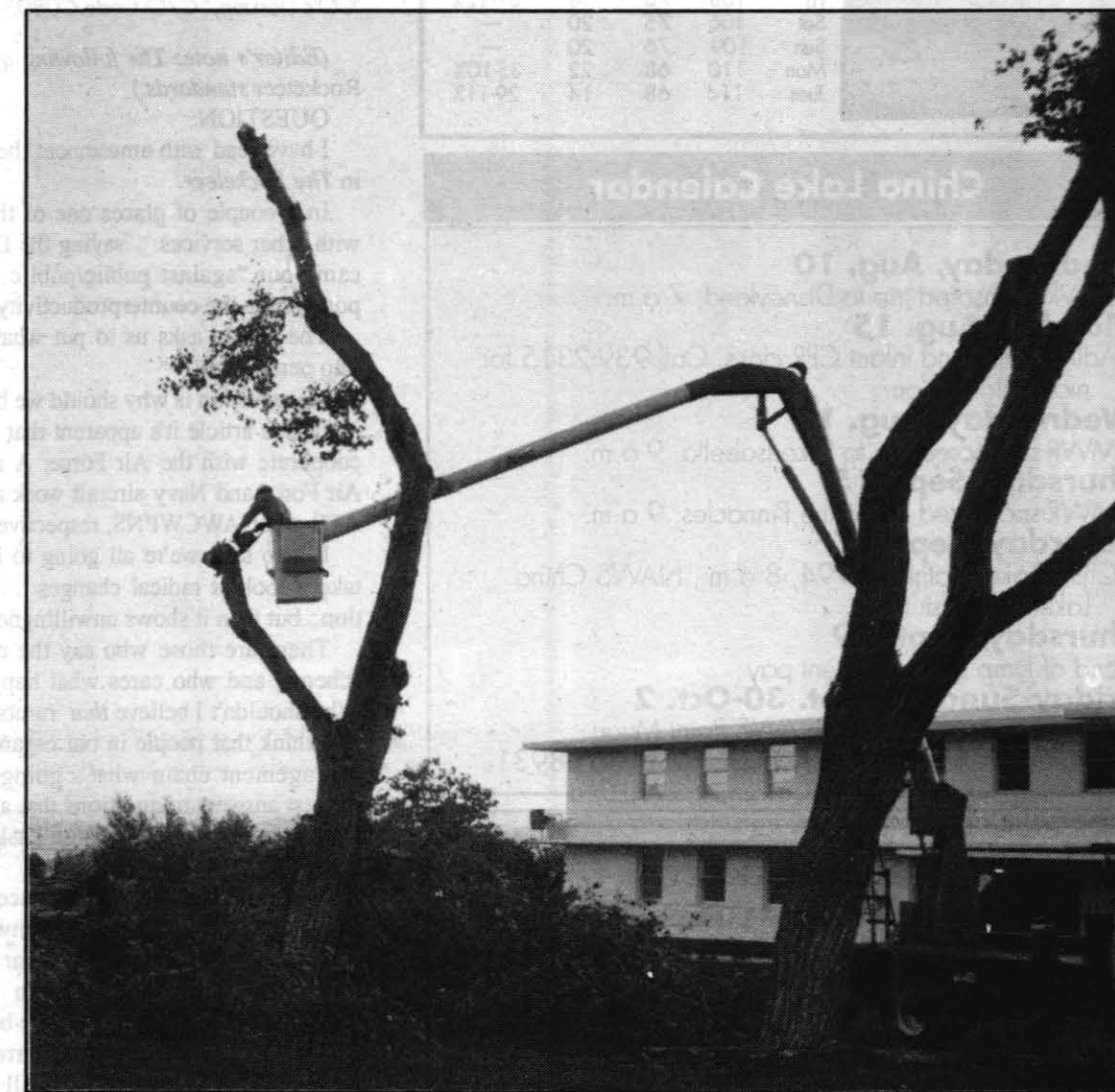


Photo by Peggy Shoaf

DISMEMBERMENT—Early morning hours on Friday, July 15, saw contractors cutting down the 40- to 50-year-old cottonwood trees in front of the Administration Building. More photos on Page 20.

Polaris missile kindles memory of CL role in Cold War

Barry McDonald
Editor

It's one of the weapons that kept the United States in the Cold War—one that never had to be used simply because it was there.

Polaris.

After initiating the Navy's involvement with fleet ballistic missiles some 40 years ago, China Lake is the new home of a deactivated Polaris submarine-launched missile, where it was once just a twinkle in the eyes of a group of weapons planners.

Because national security required classification, many China Lakers may not realize what a major role the Station played in deterring the Soviet nuclear threat.

Following the initial response to that threat—the capability for massive retaliation with the Air Force's Thor land-launched missile and the Army-Navy Jupiter, which could be launched from land or from a surface ship—a military deterrence posture was formulated as distinct from a counterforce posture, and a submarine-missile concept was an integral part of that posture.

By then China Lake had published its report on Project Mercury, an exhaustive study of methods for

improving Jupiter. Researchers concluded that a solid-propellant submarine-launched missile could be developed with performance equal to Jupiter, the size of which and its high-energy liquid propellant made it unsuitable for submarine deployment.

After more China Lake investigation into the need for deterrence and the weapon system requirements for implementing its principles, researchers were given the go-ahead to develop the system that became Polaris and led to the entire family of fleet ballistic missiles.

Coordinating the work of engineers, aerodynamicists

Please see **POLARIS**, Page 11

Avoid the pitfalls of summer

'How-to' information for preventing or managing symptoms of summertime blues

7

SF-171 goes away December 31

Time-in-grade rule changes proposed

10

Safety & Security breaks up

Employees urged to learn responsibilities and functions of two new departments

16

Local bikers seek record in RAAM

LaFromboise and Weik join Bakersfield duo in relay from Irvine to Savannah

22

Weather

	High	Low	Gusts	Humidity
Wed	113	69	16	26-11%
Thurs	112	68	16	32-12%
Fri	108	71	18	—
Sat	108	74	21	—
Sun	112	80	21	—
Mon	108	77	22	31-14%
Tues	107	73	18	33-14%
Wed	106	82	17	28-15%
Thurs	107	77	20	36-17%
Fri	108	76	18	37-12%
Sat	106	75	20	—
Sun	109	76	20	—
Mon	110	68	22	35-10%
Tues	114	68	14	29-11%

China Lake Calendar

Wednesday, Aug. 10

•MWR-sponsored trip to Disneyland, 7 a.m.

Monday, Aug. 15

•Adult, Child and Infant CPR class. Call 939-2315 for more information

Wednesday, Aug. 17

•MWR-sponsored trip to Lake Isabella, 9 a.m.

Thursday, Sept. 15

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

Saturday, Sept. 17

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

Thursday, Sept. 29

•End of lump sum retirement pay

Friday-Sunday, Sept. 30-Oct. 2

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

THE ROCKETEER

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DEPUTY COMMANDER

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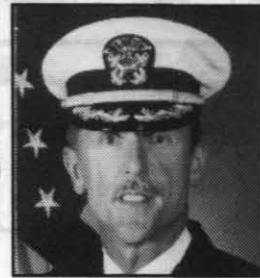
MARGIE HAMMETT, TID

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The Vice Commander's Desktop



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

(Editor's note: The following question has been edited to fit The Rocketeer standards.)

QUESTION:

I have read with amusement the series of "From The Top" articles in The Rocketeer.

In a couple of places one of the articles talks about cooperation with other services... saying the Defense Science Board's task force came out "against public/public competition, which is NAVAIR's position on the counterproductivity of competition among services."

The article asks us to put what we hear from unofficial sources into perspective.

My question is why should we believe this article?

In this article it's apparent that we're unwilling to bend at all and cooperate with the Air Force. A recent proposal to consolidate the Air Force and Navy aircraft work and air weaponry work at Edwards AFB and NAWCWPNS, respectively, was flatly refused.

It also says we're all going to have to make some sacrifices and take a look at radical changes... that nothing is beyond consideration...but then it shows unwillingness to compromise?

There are those who say the entire CAO plan is nothing but a scheme, and who cares what happens to the West Coast facilities. Why shouldn't I believe that rumor?

I think that people in our organization deserve to be told by their management chain what's going on. And they have the right to request answers to questions that are bothering them. So, I'm insisting on getting the information I asked about.

ANSWER

There is a significant difference between competition and cooperation. The premise that we are unwilling to bend at all and cooperate with the Air Force does not bear up to scrutiny when you see the large number of programs in which the Navy (especially at NAWCWPNS) and the Air Force both participate.

The proposal to consolidate work at Edwards (AFB) and NAWCWPNS is not one that will be approved or rejected locally. It is an ongoing study at the four-star level among all the services. It has not been refused.

Your statement about sacrifice and change is quite accurate. We are all in this together and change is upon us.

I can absolutely assure you that the CAO plan is not just a scheme, and the fact that most of us care very much about what happens to the West Coast facilities is a rumor you can count on.

I appreciate your impassioned concern for the future of the Navy and NAWCWPNS. I encourage you to channel your energy into our TEAM effort to implement the new organization while continuing to serve our customers.

Zlatoper to replace Kelly as Pacific Fleet commander

Admiral Ronald J. Zlatoper has been confirmed by the Senate and will relieve Adm. Robert J. Kelly as commander in chief, Pacific Fleet, in a change-of-command ceremony at 10 a.m., Aug. 6, aboard the nuclear-powered aircraft carrier USS Carl Vinson at Naval Station Pearl Harbor.

Kelly, a native of Reading, Pa., took command of the Pacific Fleet on Feb 15, 1991 and was the 26th admiral to lead the Pacific Fleet. He is retiring after a distinguished 35-year career.

Zlatoper is currently serving as Chief of Naval Personnel and Deputy Chief of Naval Operations for Manpower, Personnel and Training.

Pages From The Past

July 27 & Aug. 3, 1984

Capt. J.M. Collins III is the new command chaplain for the Naval Weapons Center... Dr. R.C.W. Jones was presented the ASPA Bjorklund Award for management innovation...

Capt. Jerry Lee, NWC's supply director, retired after 27 years service... Capt. Norman Hensley took over from Lee as director of supply... Mary Frost was named to head the new Management Control Program... TID's Bill Erwin established a world hydroplane speed record at 158.17 mph.

July 26 & Aug. 2, 1974

The Naval Weapons Center won the 1974 Secretary of the Navy Environmental Protection Award... W.P. Webster and Roy Williams were among China Lakers giving a guided tour of NWC to members of the Pomona Navy League last week... Harry Parode was named NWC Public Affairs Officer, succeeding Jim McGlothlin... Mike Molner was installed as president and Ralph Todd as vice president of the IWV Navy League by NWC Deputy Commander, Capt. R.D. Franke.

July 24 & Aug. 1, 1964

George Silberberg of the NOTS Test Department is taking part in an archeological expedition to Mt. Ararat in Turkey, seeking remnants of Noah's Ark... Capt. C.J. Honsik is the new senior medical officer aboard... Capt. John I. Hardy, former NOTS experimental officer, takes command of the station on Aug. 4... Terry Foster and Jim Goforth led the IWV Pony League All Stars in district tourney action.

July 30 & Aug. 6, 1954

Dr. Earl Murry, superintendent of schools, said the opinion poll on moving BHS was 268 against the move and 32 in favor... Cdr. Richard Meyers is the new NOTS supply officer... Paul Driver of China Lake is working with industry on commercial production of a precision accelerometer he developed... China Lakers Marvin Benson and William E. Smith died when their privately-owned light planes collided near Ridgecrest... Pierre St. Amand, NOTS geophysicist, won a Fulbright Scholarship.

COMMUNITY EVENTS

UCLA Extension has announced an array of engineering short courses for the fall, with "Wireless Voice and Data Communications" leading off the schedule, Oct. 18 to 21. Other three- to five-day courses will run through October and November. Some other course titles include "High-Information-Content Flat-Panel Display Technologies," "Photometry and Colorimetry in Electronic Imaging and Industry," and "Active Circuit Design for Wireless Systems: Principles and Applications."

All courses have an individual fee and are taught in the UCLA Extension Building, 10995 LeConte Ave., Los Angeles, adjacent to the UCLA campus, from 8 a.m. to 5 p.m.

For further information and a brochure detailing all fall quarter engineering short courses, call (310) 825-1047, Fax (310) 206-2815 or write to UCLA Extension Short Courses, Suite 542 at the address above, using the zip code, 90024.

####

Instructors Barb Wicker and Carol Tullio will present a family home day care management class this fall at the

Community Connection for Child Care. This class is for home-based child care providers, center-based caregivers and anyone considering child care as a career option. The class will explore topics such as: professionalism, taxes, record keeping, contracts, safety, nutrition, child development and community resources. The class will be held on Mondays, Sept. 12 through Oct. 24, from 6:40 to 9:30 p.m. The fee is \$13 for one unit of credit from Cerro Coso Community College. Registration for this class is at the college. For more information call (619) 375-3234.

####

Each week parents can listen to a three- to five-minute tape offering parenting advice on the Community Connection for Child Care phone line, 375-0446. Currently playing is "Moving," a tape that covers preparing a child for a family move. The tape "Blended Families" will play Aug. 1-7 and covers the special skills needed to make blended families work. From Aug. 8-14, the tape "What is Normal Development?" can be heard. This tape looks at normal development and common terms describing development.

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RENTALS.....20
REAL ESTATE.....25
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MISC. FOR SALE.....40
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GARAGE SALES.....50

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OR DROP IT BY THE DAILY INDEPENDENT 224 East Ridgecrest Blvd.

1 PERSONALS

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

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

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20 RENTALS

CHURCH/GROUPS Small building, paved yard, completely fenced. \$550/mo. 375-7727. Mon.-Fri. 8 a.m.-4 p.m. (0728)

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SPECIAL FOR CONTRACTORS. Furnished apartment only \$425, large, quiet, comfortable. Call 375-1111. (0728)

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

2BR, ceiling fans, fireplace, fncd bk yd., gar disposal, d/w, attached gar, w/d hookups. Close to S. gate of base. \$450/mo. 371-2238. (0728)

\$625 & \$675 ALL SPRUCED UP! 3BR, fam. rm., kitchen, 2BA, many extras, finished gar., great area! Erika Allen Realtor. 446-4810. (0728)

\$395/MO. SPARKLING CLEAN 2BR, 1BA, dbl. gar., new frig., new carpet. W/T pd., Allen Realty, 446-4810.

\$359. NICE 2BR, super kitchen, large yrd. garage. Erika Allen, Realtor. 446-4810.

25 REAL ESTATE

A HOME YOU CAN ENJOY! 3BR, 1-3/4BA, family room w/French doors leading to large patio, sunken living room w/fireplace, vaulted ceilings. Excellent floor plan, good elevation and beautiful landscaping. \$89,900. 375-1519. (?????)

\$68,950 HORSE PROPERTY! Super DW on fenced 2 acres. Low down. Erika Allen, Realtor. 446-4810. (0728)

\$86,900 IMMACULATE 1800 sq. ft. Lg. parquet entry, leads to spacious sep. liv. rm., great kitchen opens to fam. rm., 3 spacious BR, 2BA, manicured yd. Erika Allen, Realtor. 446-4810. (0728)

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The Daily Independent 375-4481

30 BUSINESSES

FAMILY LAW. University graduate that specializes in Family Law issues: Divorces, child support, adoptions and grandparent's rights. Paralegal Connection 116-B S. China Lake Blvd. (619) 384-4344. Evening appointments are now available. (0106)

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

Cerro Coso registration begins

Registration for the Fall 1994 semester has begun at Cerro Coso Community College. Instruction begins Aug. 15.

This semester the college will offer personal development courses such as "Becoming a Master Student," "Preparing for a Career" and "Functional Word Processing."

Music courses include "Piano I," "Guitar I," "Orchestra," "Choir" and "Music Appreciation." Business students can take "Introduction to Business," "Principles of Accounting I," "Business Law I" and others.

Future police officers and other interested in the law may want to take "Introduction to the Administration Justice."

New plan protects desert tortoise

Four years in the making, a new plan for the Rand Mountains and Fremont Valley will protect the threatened desert tortoise and 65,000 acres of its habitat in eastern Kern County.

Results of monitoring studies found tortoise numbers decreased by 36 percent from 1981 to 1991, with roughly half of all deaths were attributed to vandalism or crushing by vehicles.

Nearly 45,000 acres of tortoise habitat are given special protection under the plan, eliminating such uses as mineral exploration and grazing. Eighty-three percent of all vehicle access routes are

Other justice classes include "Concepts of Criminal Law," "Defensive Tactics," and reserve academy courses.

The philosophy curriculum offers "Critical Reasoning—Science as a Way of Knowing," "Ethics" and "World Religions of the West."

Students may register for classes through the Coyote Connection at 371-9601. Continuing students must first complete an update form at the Admissions and Records Office. New students must first complete an application for admission. Course fees must be paid by the due date, or all classes will be dropped.

For further information contact the college at 375-5001.

now closed, and off-highway vehicle riding is allowed only on designated open routes. Ground hazards to tortoises such as mine shafts and agricultural use areas will be fenced or modified, and law enforcement patrols will be increased.

Copies of the Record of Decision, Management Plan and Environmental Assessment, are available at the BLM's Ridgecrest Resource Area Office, 300 South Richmond Road. Maps identifying the plan area, use restrictions and vehicle routes are also available. For more information, contact BLM Staff Chief Steve Smith at 375-7125.

35 AUTOMOTIVE

RV's BUSINESS/PLEASURE. '86 Toyota Odyssey, custom, top cond., all comforts of home. Do business/see country/econ/eat & sleep well. You'll love! 375-9026. (0728)

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1993 MAZDA MX3 white w/pinstriping, tint & bra, 11k miles, factory warranty. Sporty & economical. Xint condition. \$11,000. 375-5117. (0714)

40 MISC. FOR SALE

MOTORCYCLE HELMETS, FULL FACE Snell approved, kits kids 8-12 yrs. old. \$50/each. 446-5166. (0728)

MARCY UNIVERSAL GYM, 200 lbs., \$175. 446-5166. (0728)

DOUBLE BED Sealy mattress & boxsprings, \$35. 446-5166. (0728)

45 PETS & SUPPLIES

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

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

E.COLI from Page 7

•Never thaw food on the counter or let it sit out of the refrigerator for more than two hours.

•Wash hands, utensils and work areas with hot soapy water after contact with raw meat to keep bacteria from spreading. Also wash hands after using the bathroom or diapering a child.

•Most importantly, whether cooking hamburgers at home or eating them out, check them with a fork to make sure no pink shows before you take a bite. Send back any undercooked hamburger or other food made from ground meat until brown or gray inside, or to an internal temperature of 160 degrees.

PROCUREMENT PLAQUES from Page 25

The project involved testing 500 pieces of hardware, installing network cards, formatting hard drives and installing software just to get the equipment ready to go. Once the setup was completed, the equipment had to be delivered to the widespread locations of Procurement Department offices. Then all the data on the old equipment had to be backed up and transferred to the new equipment. Finally, the old equipment had to be carted away.

"Without your contributions to this project, it could not have been completed on time or with such tremendous success," wrote Cdr. Cedric Knight in a letter

of appreciation. "Procurement Department employees are thrilled with their new capability and have commented over and over again how smoothly and painlessly the implementation occurred. This kind of success does not just come about by accident. It is the result of outstanding teamwork on the part of dedicated, hard working team members."

During the ceremony, the department also honored Alex Camacho, Phil Burum and Mark Wice, volunteers from the Procurement Department, with letters of appreciation for their efforts in this endeavor. Other department employees recognized were Debra Zamarron, Julie

Francis and John Hopkins, as well as the Advanced Computing Environment Office team, consisting of Steve Sutton, Norma Bartels, Kathy Kenady, Judy Zessin, Diane Foster, Vi Baysa, Ruthie Maggs and Mike Calimlin.

But the team consisted of more than just Department of Defense employees. Contractors James Furnish, Lynn Jennings, Martha Ferguson, Alice Henry and Kenny Huggins were also recognized for their invaluable support in the numerous aspects of the project.

"It was definitely a team effort," Knight concluded.

New MAD CO Moyer urges all to row together in CAO boat

By Barry McDonald
Editor

At the ceremony that saw him become the commanding officer of the Marine Aviation Detachment, Col. John J. Moyer, who arrived in the midst of the hottest week this summer, repeated a bit he heard at a Las Vegas comedy show. "It's a dry heat...but so is a blow torch," went the punch line, summing up the new CO's first impression of the Indian Wells Valley summer.

But Moyer is no stranger to hot climates. In the summer of 1990, he served as operations officer of Marine Air Group 70, participating in Operation Desert Shield in Saudi Arabia. He became commanding officer of the largest Marine squadron, Marine Aviation Logistics Squadron Eleven (MALSL-11), in November 1990, and at one point during Operation Desert Storm commanded more than 2,200 Marines at El Toro, the squadron's home base, Bahrain and detachments in Saudi Arabia. He also flew combat missions during the Gulf War.

"There's nothing more rewarding than to be in command of a squadron during time of war," he said. "It was personally very gratifying for me to be able to serve in that capacity at that time." For his efforts as commander of MALSL-11, Moyer was awarded the Legion of Merit.

Then before the change that brought him to the MAD, he served as assistant chief of staff for plans and policy at the NATO Command of Naval Striking and Support Forces, Southern Europe, in Naples, Italy. In that position, he played a role in NATO's involvement in Bosnia, as well as helping with NATO's reorganization.

"I went to Brussels on occasion," he said, "and it was exciting because I knew I was helping to be an architect for the future of the alliance." His efforts in Naples were rewarded with the Defense Superior Service Medal.

The job at the MAD he sees as four jobs in one. First he's the CO of the

MAD, whose job it is to provide administrative support to the Marines assigned to a variety of activities in California. China Lake's Marines are assigned to the weapons systems support activities for the AV-8B Harrier, the F/A-18 Hornet and the AH-1 Cobra helicopter. Some are also involved in the security cadre, aviation ordnance and fleet support, and there's a sizable contingent of Marines assigned to VX-9. Marine's at Point Mugu work in the FAST and Terpes projects, weapons engineering, electronic warfare and the Strike Systems Department, and Moyer is even responsible for two Marines at Edwards.

"That's the easy part of the job, taking care of the troops" Moyer said. "I enjoy that part the most, because it's fun for me."

The second hat he wears is that of Marine liaison officer for the Marine Corps Systems Command at Quantico, Va. Thirdly, he serves as the executive advisor on Marine Corps programs to NAWCWPNS Commander RAdm. Dana B. McKinney. The fourth hat he wears is, under the competency aligned organization, military advisor to Paul Homer, head of the Weapons/Target Department.

"I'm still trying to get my arms around those last two parts of the job," he said. "It's interesting to look at how I'm going to fit into this (CAO) puzzle. I know I'm not alone in this, and I hope the current lack of clear definitions doesn't undermine what has to be accomplished. Everybody needs to get onboard to make it work."

"It's intuitively obvious that we're all in the same boat, so we better learn how to row together to get this thing to go through the water. And we've got to get onboard quickly."

Looking back over his career he said he now realizes what an important relationship the Marine Corps shares with the Navy. "As a junior officer," he said, "I saw that relationship as adversarial. But now, having done more tours with the Navy and becoming more senior, I

MILITARY NEWS



Col. John J. Moyer

can look at the big picture and see what a strong marriage the two services enjoy. We have a synergism that creates an organization that the other U.S. services don't have and that exists in no other country. We're able to be anywhere that the water can take us...to show the flag. And that's very important."

Moyer said he and his wife, Paula, have already been impressed by the warm and friendly people both on base and in Ridgecrest. After meeting one local businessman in an informal setting, he related how he was surprised a couple of days later to hear someone calling to him by name from a distance away. It turned out to be the man he met in the chance encounter.

In his off-duty time he enjoys fishing, and though he's from the East Coast and

used to largemouth bass fishing, he says he's heard about the nearby trout streams and plans to give them a try. He and his wife like bike riding, and he says working with his hands is therapeutic for him.

He worked his way through college, where he earned a bachelor's degree in mathematics, doing masonry work. "I started out mixing and carrying mud and bricks," he said, "and worked my way up to being a bricklayer. So now, from time to time I've helped several people build fireplaces and other things. I also enjoy woodworking. It's great therapy. When I complete a project, however long it takes, I can stand back and say, 'that is mine.'"

(Editor's note: For Col. Moyer's complete biography, see the last issue of The Rocketeer, July 14, 1994.)

First-term Sailor reenlistment policy signals end to drawdown

Washington (NNS) — In an early signal that the Navy is getting through the drawdown and returning to historic personnel management policies, the Bureau of Naval Personnel (BuPers) recently announced that all first-term Sailors in career reenlistment objective (CREO) 1 and 2 ratings are receiving immediate BuPers approval to reenlist. A commanding officer's approval of a Sailor's request is all that is required.

"We want junior Sailors to reenlist," said Cdr. Al

Rouse, head enlisted community manager at BuPers. "This is one of the first signs that we are getting through the drawdown."

Sailors in CREO 3 ratings should still submit ENCORE requests to reenlist at the earliest possible date, usually 12 months prior to end of obligated service. However, recent changes in ENCORE policies will improve response time and provide more timely answers to CREO 3 Sailors who fall under the pro-

gram. Requests now will be reviewed twice a month vice once a month.

The quicker review process is in addition to the 24 hour receipt acknowledgement that every ENCORE request receives.

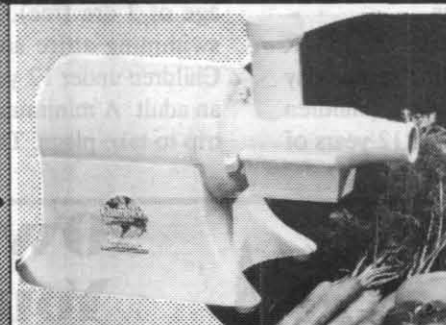
More information on encore is available in NAVADMIN 120/94, the latest manpower and personnel update NAVADMIN 065/94 or from BuPers access.

F or Healthier Livin G



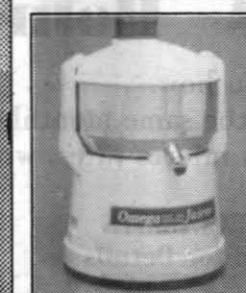
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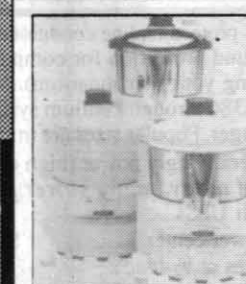
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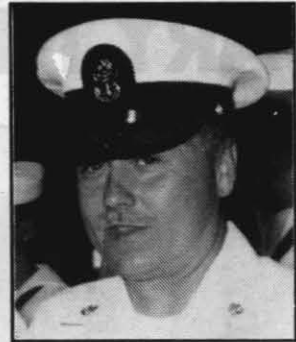
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July quarters see Navy Achievement Medals presented

Four Navy Achievement Medals topped the list of honors handed out at the NAWS Quarters of July 11.

ATC Barry J. Umphrey was honored with the NAM by Capt. Charles A. Stevenson, NAWS CO, for service as Calibration Work Center CPO and Production Control CPO of the Aircraft Intermediate Maintenance Division (AIMD) from March 1993 to May 1994.



ATC Barry Umphrey

"Chief Petty Officer Umphrey devoted numerous off-duty hours to formulating a proposal to increase capability in selected areas of intermediate level maintenance that has the potential of saving the Station more than \$500 thousand in annual repair costs," the Skipper wrote, in part, in the citation. "His contributions were instrumental in allowing the Aircraft Intermediate Maintenance Division to gain new local capabilities for 512 components, saving the Station more than \$407 thousand in a 12-month period."

AMS1 (AW) Michael L. Brown received the NAM from Stevenson for service as Quality Assurance LPO from March 1993 to March 1994.



AMS1 Michael Brown

"Petty Officer Brown planned, constructed and implemented an audit and program monitor control board to manage the 37 monitors conducted each quarter and rewrote the 19 monitors used as inspection criteria for Naval Aviation Maintenance Program requirements," the Skipper wrote, in part. "His outstanding work earned numerous laudatory comments from the Naval Aviation Maintenance Office inspectors during the March 1994 inspection visit."

AMH2 William A. Sistrunk was honored with the medal by RAdm. D.C. Blair, commander, Cruiser-Destroyer Group 5, for service as Line Division LPO, Troubleshooter Branch crew leader and Airframes Branch supervisor for Fighter Strike Squadron 111 from July



AMH2 William Sistrunk

1990 to May 1994.

"Petty Officer Sistrunk's outstanding personal dedication on the flight deck contributed significantly to the squadron's unprecedented combat readiness during Operation Restore Hope and Operation Southern Watch while deployed aboard USS Kitty Hawk," the admiral wrote.

NAWCWPNS Commander RAdm. Dana B. McKinney recognized AMS1 Robert C. Tuttle with the NAM for service as Non-destructive Inspection Branch supervisor in the AIMD from April to August 1993.



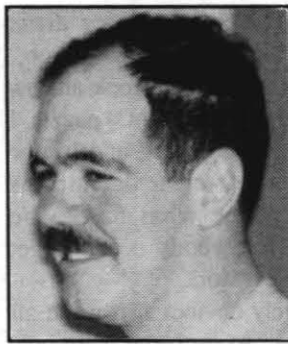
AMS1 Robert Tuttle

"During a four-month Naval Aviation Depot North Island modification evolution on 15 F/A-18 aircraft, Petty Officer Tuttle led his work center in the performance of all nondestructive inspection requirements for the depot-level modification team despite his work center's shortages in both personnel and inspection equipment," wrote McKinney. "He and his work center collectively devoted 225 off-duty hours to assisting the team while concurrently meeting 100 percent of scheduled intermediate level support requirements for all Station and tenant activities."

At the same quarters Tuttle received letters of appreciation from VX-9 CO Capt. Scott C. Ronnie and Capt. Stevenson, each for a separate and distinct accomplishment from the NAM.

Reservist honored

From the better late than never file, Lt. Pedro "Pete" P. Rodriguez, U.S. Naval Reserve, received a NAM on March 6, 1994, for service as project officer for China Lake Reserve Support Unit 0276 from March 1 to 12, 1993.



Lt. Pete Rodriguez

"Lt. Rodriguez (while on annual training) developed a computerized aircrew mission planning program that will aid aviators by determining the possibility of locating and identifying mission targets, considering flight path, local terrain features and weather conditions," wrote Capt. M.G. Kellard, commanding officer, Naval Air Reserve Point Mugu. "His knowledge

of computer spreadsheet techniques and understanding of mission planning goals, allowed him to develop this prototype program in one-sixth of the original estimate for software development."

Recognition

Good Conduct Awards were presented to AC1 Sandra J. Ciriaco, IC2 Jason Martin and AT3 Randall W. Chase.

AE3 Jacob T. Ralston and AMS3 Cory A. Prescott were recognized as Junior Sailors of the Quarter for the fourth quarter of 1993 and the first quarter of the 1994, respectively.

Letters of commendation were presented to AD2 Roberto A. Chiaine, AMSAN William C. Ritter, PR3 Isaac John Miller, AMH2 Moises Carlin, SH2 Rolando S.C. Lapak and AT1 James A. Buzan.

Letters of appreciation went to AMS3 Armando C. Monteverde, AMH1 David A. Lyle, AT2 (AW) John H. Linzer, AZ2 (AW) Gary E. White, AMS2 Mack V. Plunkett, AE3 (NAC) Scott D. Woolstenhulme, AMSAN Terry J. Cunefare, AEAN (NAC) Fawn R. Lyons, AMS3 John C. Woodville, ADAN Vincent S. Butts and ATAN Jeffrey Rorer.

Aircraft Maintenance Division Cdr. John F. Kimmel, head of the division, recognized several Sailors from his division.

AE2 Anthony F. Hill and AMH1 (AW) John Hemsley were honored as Senior Professionals of the Month for March and May, respectively.

AT3 Randall W. Chase, ADAN Jess H. Wade and AS3 Tonya Payne were selected as Junior Professionals of the Month for March, April and May, respectively.

AMHAN Christopher B. Holland and AMHAN Shawn C. McMillen were recognized as Plane Captains of the Month for May and June, respectively.

EEAP selects 250 for degrees

Washington (NNS) — The Navy's Enlisted Education Advancement Program has selected 250 Sailors to earn associate or baccalaureate degrees.

The program offers Sailors the opportunity to work on their degree full time, while still competing for advancement. Selectees are in a "Duty Under Instruction" status while they attend college for two full years.

While EEAP is not a scholarship and selectees must pay for tuition fees and books, Sailors receive full pay and allowances, and Montgomery GI Bill benefits may be used during this period.

More information is available in NAVADMIN 103/94.

Procurement honors borrowed workers for 'downtime' feats

People on downtime can still be productive members of the Naval Air Warfare Center Weapons Division team. In fact, four people, three from the In-Service Engineering Department's Business Operations Division and one from the Missile Software Branch of the Intercept Weapons Department's Missile Systems Division, were recently honored by the Procurement Department for the work they performed while on downtime.

During a special awards ceremony, John Malik, Dave Richter, Art Hislop and Dinah Beres were honored with a Procurement Department plaque by Cdr. Cedric Knight, department head, for their efforts in aiding the Advanced Computing Environment Office team in upgrading the department's desktop computing environment.

Please see **PROCUREMENT PLAQUES**, Page 26



KNOWLEDGE APPRECIATED—Steve Sutton (left), ACE office senior systems engineer, and Cdr. Cedric Knight, head of the Procurement Department, show their appreciation to Dave Richter, John Malik and Art Hislop for their efforts to set up department's new desktop computing environment. Dinah Beres was also honored.

MWR plans recreation and sight-seeing trips for German visitors

In a special effort to entertain the Germans visiting the Naval Air Weapons Station China Lake, the Morale, Welfare and Recreation Department has planned a number of special trips this summer and fall. Reservations and payments for any of the trips may be made at the NAWS China Lake Craftech Center (across from the Navy Exchange Gas Station), 939-3252. The trips are open to all military and civilian employees.

At 7 a.m. on Aug. 10, a van will leave the MWR office parking lot to Disneyland. Cost for this one-day trip is \$35 per person, which includes tickets (children under the age of 3 are free). Children under 12 years of

age must be accompanied by an adult. This trip is limited to 45 patrons, so early registration is recommended. A minimum of 20 patrons must register or the trip will be cancelled.

On Aug. 17, MWR is planning a day-trip to Lake Isabella. The van will depart the MWR office parking lot at 9 a.m. Cost is \$7 per person (children under the age of 3 are free). Bring a picnic lunch, camera and swimming attire and enjoy a relaxing day lake-side. Children under 12 years of age must be accompanied by an adult. A minimum of 15 people must register for this trip to take place. This trip is also limited to 45 patrons

so early registration is recommended.

See the location where many movies are made, including the final "Star Trek" movie. On Sept. 15, MWR will sponsor a trip to the historical Pinnacles. The van will depart the MWR office parking lot at 9 a.m. Cost is \$5 per person. Be sure to bring a lunch, camera and good walking shoes. This trip, which isn't for children under the age of 5, is limited to 25 patrons; so early registration is recommended.

Other trips include a trip to Death Valley on Oct. 6 and a Petroglyph tour on Oct. 15. More information on these trips will be forthcoming.

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Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.	Confessions, Weekdays	By appointment
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.	Religious Education Classes, Sunday (September thru May)	
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.	1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	10:15 a.m.
Jewish (446-3613 Messages)		Adult Education Classes, Thursdays (September - May)	
Weekly Services, Friday, East Wing	7:30 p.m.	St. Ann's School Library	7:00 - 8:00 p.m.
October through June		RCIA, St. Ann's School Library	8:15 - 9:45 p.m.
Hebrew Classes, Saturday, 1902 Dibb	2-5 p.m.	Islamic	
Adult Education, Saturday, 1902 Dibb	10 a.m. - noon	Jumaa Prayer, Friday (1002 Blandy)	1:00 p.m.
September through June			
Religious School, Sunday, 1902 Dibb	9:30 a.m.-12:30 p.m.		

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Local shooter takes first on first try

Andy Stanford beats the pros

By Peggy Shoaf
Staff Writer

Besting a variety of law enforcement officers, military personnel and private sector firearms trainers, Andy Stanford took first place in the National Tactical Invitational shooting competition. This year's competition, testing the employment of handguns in a defensive role, was held at Gunsite Training Center, a private combat small arms school in Paulden, Ariz., June 3-5.

Eighty-three shooters from around the country took part in this annual event. Ten courses of fire evaluated the shooter's ability to deal with a variety of deadly force situations, including armed robbery, carjacking, terrorist attack and hostage situations. Scoring consisted of marksmanship, gun handling, equipment management, tactics and the ability to function in a state of high stress.

A military operations analyst in the Weapons Planning Group, Warfare Systems Analysis Division's Plans Branch, Stanford has been a combat shooter since 1977. When he heard about the invitational, he decided he couldn't pass it up, as it was only a seven-hour drive. "I didn't put in any special training for this



Andy Stanford

event," he said, "because real gunfights are come-as-you-are affairs. I used this event as a gauge of my current survival skills."

Stanford said that for his primary sidearm he used a 45ACP Colt Government Model, Series 70, with minimal modifications. His backup gun was a borrowed two-inch Taurus stainless hammerless five-shot .38 special.

During his 17 years of shooting, Stanford's formal training has included courses from the Lethal Force Institute, Gunsite (expert certificates in rifle, pistol and shotgun), Yavapai Firearms Academy (tactical shotgun and indoor firearms tactics), International Training Consultants as well

as from seminars from the American Society of Law Enforcement Trainers.

Past competitions include the Southwest Pistol League in the late 1970s; the IPSC Nationals in 1978, where he finished 22nd; and the SOF Match in 1987 and 1991, where he finished 19th and 22nd, respectively.

During his free time, Stanford said he acts as a combat small arms and defensive tactics trainer and consultant. In the past, he has been asked to help with the Auxiliary Security Force and Reserve Seabees arms training at the Naval Air Weapons Station China Lake as well as the Marines and law enforcement agencies off Station. He recently wrote an article on "The History of the Call for Progress in Marine Rifle Training" for the July 1993 issue of the *Marine Corps Gazette*. This article explained the need for updating the Marine Corps' rifle training.

Stanford said his initial interest in shooting came about in the sixth grade, when his teacher was raffling off the "Shooter's Bible," a catalogue of guns and accessories. After his first competition at the age of 15, Stanford said he was "hooked," and has been shooting ever since.

Hunter Safety Class scheduled

On the weekend of August 20 and 21, the Hunter Safety Class for 1994 will be held at the Sierra Desert Club's target range and clubhouse onboard the Naval Air Weapons Station. This 16-hour, two-day class, required for all first-time buyers of hunting licenses, is open to all Indian Wells Valley and surrounding area residents 12 years of age and older. Class hours will be from 8 a.m. to 4 p.m. on both days.

Registration for the class will be taken at the Ridgecrest Kerr-McGee Community Center on Saturday, Aug. 13, from 9 a.m. to 1 p.m., and on Tuesday, Aug. 16, from 7 to 9 p.m. A \$5 registration fee will be collected at that time. Because the class is being held within China Lake's security perimeter, all participants must provide their social security number at the time of registration.

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LCdr. Richard Martin retires after 18 years

Carrying on a family tradition, at his retirement ceremony July 13, LCdr. Richard W. Martin presented to his son Rich Jr. the Navy sword that had been presented to him by his father. Martin came to China Lake in August 1992 and had served as military associate.

"You made significant and positive improvements in the productivity and mission accomplishment of the command," Capt. Roger K. Hull, NAWCWPNS vice commander, wrote in the letter of appreciation.

Martin was commissioned an ensign on Aug. 26, 1976 at Auburn University after earning a bachelor of science degree in aerospace engineering. He then reported to aviation indoctrination and then on to Training Squadron Six (VT-6) for basic flight training in the T-28 Trojan at NAS Whiting Field, Milton, Fla.

His training continued in both the T-2 and TA-47 at VT-23, and then VT-22 at NAS Kingsville, Texas, where he earned his wings in August 1978.

Martin's first assignment was to Composite Squadron Two (VC-2) at NAS Oceana in Virginia Beach, Va., flying TA-4Js and A-E4s. Upon the squadron's decommissioning in September 1980, then Lt. Martin was

ordered to VT-21 as an advanced flight instructor in the TA-4J.

In June 1983, he received orders to Attack Squadron One Twenty Eight (VA-128) at NAS Whidbey Island, Wash., for A-6 transition training and then reported to his first fleet squadron, VA-196.

After a three-year tour with the Milestones, LCdr. reported to China Lake for his first tour of duty with the then Naval Weapons Center. Flying both the A-6 and T-39, he was a project pilot for the AWW-13 Data Link Pod and IAM, the precursor to the present-day JDAM.

In March 1989, he received orders that would take him back to NAS Whidbey Island and a combat tour with VA-145 in Operation Desert Storm. For what turned out to be his final set of orders he returned to China Lake in August 1992. Here he flew the T-39 and the MU-2.

Martin's list of awards is headed by two individual presentation of the Air Medal with three Strike Flight Awards. During his 18 years of service he also received the Navy Achievement Medal, two awards of the Meritorious Unit Commendation, the Navy Unit Commendation and various other decorations.



FAMILY TRADITION—LCdr. Richard Martin passes on a sword to his son Rich Jr. The senior Martin's father had given the sword to him.

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CUTTING THE RIBBON on the new flower shop at the Naval Air Weapons Station China Lake are Jill Hartmen, florist, and Capt. Charles A. Stevenson, NAVS China Lake CO. Watching the event are Lt. James Anderson, NEX officer-in-charge, and Donna Obidowski, store manager. The Floral Boutique, located on the Richmond Road-side of Bennington Plaza, is open 10 a.m. to 6 p.m. Monday through Saturday.

ESP: What is it?

By Larry Stensaas
Disaster Preparedness Coordinator

ESP (Earthquake Survival Program) is an awareness campaign designed to increase earthquake preparedness at home and work. ESP was developed by the county of Los Angeles. The Governor's Office of Emergency Services and representatives from Kern, Imperial, Inyo, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties assist in the development of campaign materials and in coordination of the campaign.

Hold down the fort! Why? To prevent injuries and property damage! Even moderate earthquakes can generate enough ground shaking to topple tall, unsecured pieces of furniture and turn seemingly harmless objects in your house or office into dangerous flying objects. The magnitude 6.8 Northridge earthquake caused 57 deaths, more than 8,700 injuries and billions of dollars in property losses. Reduce your risk of injury and increase the safety of valuable objects by securing pictures, mirrors, cabinets, bookcases, computers, televisions and other heavy household objects.

Conduct a home hazard hunt and follow these steps to secure your furniture.

•Cabinets: Install positive catching latches. Many variations are available.

•Tall furniture: Install metal "L" brackets between furniture and wall stud at the top. (The "L" can be installed inverted so it will be hidden from view.)

•Open shelves: Install guard across shelf, or install wood trim on front of shelf. Place heavy objects on lower shelves.

•Hanging pictures: Screw hooks into wood members only (stud or ceiling joists). Close hooks used for hanging pictures to prevent their falling.

when to quit, but for all it's a test of the qualities needed for success in life."

Because the team will be riding a relay format, they will not encounter many of the pitfalls that will plague individual riders, and they hope to establish a new team record of under six days.

Their strategy is to ride in two alternating pairs, "A-B" and "C-D." Each rider will ride a one-hour leg, rest an hour while his partner rides, ride again for an hour and then rest five hours while his partner completes his second leg and the other two some rides an identical alternating four-hour sequence. The pattern will be A, B; A, B; C, D; C, D, and repeat.

Using a carefully calculated time and distance chart will allow riders on their long breaks to check into motels to take showers and sleep in beds. All four riders are very good time-trialists, and they feel this strategy will help them make the most of that.

While they have continuously trained individually, they've had three training sessions as a team. The first was seven laps around the 30-mile Inyokern loop in 24 hours. The second, which they thought would be their dress rehearsal, was a 620-mile loop from Bakersfield to Yosemite to San Jose and back to Bakersfield.

"A lot of issues came up during the long training ride," said Weik, "and we

realized we needed more practice with the crew to make the transitions more smoothly. So we rode the Arvin loop, riding in 20-minute intervals and practicing transitions."

A nine-member crew competes the team. "It's been said that the crew can't win the race for you, but they can lose it," said LaFromboise. "So it's very important to have a crew and riders that work well as a team under stressful situations. And we think we have that."

The team plans to use three vehicles. They have already acquired the use of two vans and are looking for a reliable motorhome that can make the 6,000-mile round-trip.

Weik's longest race so far was 203 miles, and LaFromboise's, 106 miles. While they are training at a pace of 200 to 300 miles a week, the pace in the RAAM will be about 700 miles a week.

"Dave Wiggins is the only one of us who has ridden across the country," said LaFromboise. "While it wasn't a competitive ride, he does know the breadth of the country from the perspective of riding a bike. The rest of us don't. When I think that I will be riding for 36 to 39 hours in a six-day period, it gives me something tangible to prepare for."

While they won't suffer the same perils as the individual riders and their crews, it's apparent the thirteen-member team from Kern County is in for more than just a bike race, too.

MWR has variety of trailers and boats available to rent



Photo by Margie Hammett

ENJOYING the great outdoors in one of the Morale, Welfare and Recreation Department's Palomino Pinto tent trailers are Cheryl Garot and Bryan Presas, attendants at the NAVS China lake gymnasium. Tent trailers rent from \$96 per week for E-1s through E-6s to \$118.50 for E-7s through E-9s, \$136 for warrant officers and above, to \$148 for Department of Defense personnel. There are also separate prices for weekday, weekend and holiday weekend rentals. MWR also has hardtop trailers for rent, ranging in prices from \$128 to \$188 per week. Camping trailers are available to military and DoD personnel. Boats and trailers, available for rent to military, DoD and DoD contractors, range in price from \$28.50 to \$39.50 per week. Call the NAVS gymnasium at 939-2334 for more information.

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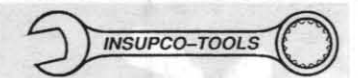
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We recently completed this Pentium ALR Evolution V with Quadflex architecture as a server for a regional utility company. It has 64-megabytes of RAM, a 2GB cached RAID-5 disk storage facility, a Wangtek 2GB tape drive and serves about 50 Unix users.

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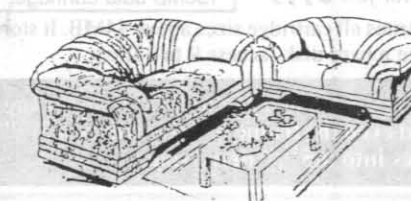
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SPORTS

Race Across America

Weik and LaFromboise prepare for national 2,900-mile bike trek

By Barry McDonald
Editor

It was generally accepted amongst bicycling enthusiasts in the Indian Wells Valley that Dieter Weik was the fastest on two wheels. That was until Weik met Tim LaFromboise on a noon ride in 1987. "He got hooked on riding at noon," said Weik recently, "and now he beats me."

Weik, an electronics engineer in the Weapons Engineering and Logistics Department, and LaFromboise, an electronics technician in the Intercept Weapons Department, are members of the High Sierra Cyclists Bicycle Club. Next Monday they will embark on an adventure that may bring them interna-

tional acclaim in the world of bicycle racing. They will join forces with Joe Peterson and Dave Wiggins of Bakersfield's Kern Wheelmen to form an all Kern County team in an effort to win the team division of the Race Across America (RAAM), some 2,900 miles from Irvine, Calif., to Savannah, Ga.

The RAAM began in the summer of 1982 as the Great American Bike Race, when four individual ultra-endurance racers competed across the country from Long Beach to New York City, non-stop, with the winner crossing the finish line in just over 10 days. It has become America's premier race, and the transcontinental individual record now stands at just over eight days.

According to Weik, serious con-



SOFTRIDE bikes with their unconventional design have been provided by the manufacturer to be used by Dieter Weik (left), Tim LaFromboise and their teammates on the flats. Each rider will have another bike for hill climbing.

tenders may go 500 miles before getting off their bikes, and then, only for a few minutes. They may ride for two days without sleep and then only take 90-minute naps each 24 hours. They suffer

physical and mental stress, and some ride through hallucinations brought on by the lack of sleep and boredom.

"It's more than just a race," said Weik. "For most it's an exercise in knowing

Tips for avoiding the summertime blues

Safety Sense

Heat stress follow-up

By Lynn Serghides
Safety Office

As you may recall last month's heat stress article dealt with the mechanics of heat stress...how it can happen, who is at risk. This article is a follow up to the previous article.

The Safety Office, as well as the Industrial Hygiene Division, gets inquiries from people wanting to know which Navy-wide instruction tells when it is too hot and humid to work. There is no such instruction. Each command sets its own policy on working during hot and humid weather conditions.

Basically, we at China Lake focus on prevention and training so that people can be aware of, and responsible for, potentially dangerous heat stress situations. There is no Navy-wide instruction saying that, "at 89.99 degrees Fahrenheit all personnel will go home." There is also no legally enforceable limit of exposure to heat.

There are, however, recommended guidelines from the Navy, Marine Corps and even the American Conference of Industrial Hygienists—all of which use a Wet Bulb Globe Temperature Index (WBGT) reading.

This is a number which encompasses a wet bulb temperature, a dry bulb temperature and a radiant heat temperature reading. These are then incorporated

together to get one reading called the WBGT Index. The index reading is then compared to charts or graphs in one of the recommended guidelines. A WBGT meter is available in the Industrial Hygiene Division.

If supervisors or workers feel the need to have a WBGT reading performed in their work areas to help evaluate a heat stress situation, the industrial hygienists at the Branch Medical Clinic are capable of performing this on request. It is only a guideline, however. Supervisors must still use their own judgment and, in some cases, enlist the help of medical personnel in evaluating their own work areas. They can exercise their authority by modifying a work/rest schedule, or by sending workers to cooler work locations, when possible.

Clearly, however, we all can learn how to prevent heat stress disorders before they occur. We can become trained to know the causes and symptoms of heat stress disorders as well as how to treat them in an emergency situation.

A reminder, standard First Aid/CPR classes are being offered at this time on Station. For more information contact the Safety Office at 939-2315.

Barbecue season prompts Safe Hamburger Campaign

Occasional flare-ups of E.coli O157, or Escherichia coli, infections in about 20 states have prompted the Department of Agriculture to launch a nationwide Safe Hamburger Campaign.

The campaign aims mainly at parents of young children, particularly those under age 5. "Mostly children have been affected by E.coli O157, but complications from the illness have also struck the elderly and people with weakened immune systems," said Dr. Jill Hollingsworth of Agriculture's Food Safety and Inspection Service.

At least 16 major outbreaks of E.coli O157 have occurred, causing more than 20 deaths since 1982, when the bacteria was first shown to cause foodborne illness, Hollingsworth noted.

"The Centers for Disease Control estimates as many as 20,000 cases occur every year," she said. "About 18 percent of those affected are hospitalized, and about 2 percent of the cases result in death."

Officials blame undercooked hamburgers as the main cause of the illness. They have also traced cases to raw milk, contaminated water, salad bars and unpasteurized apple cider, Hollingsworth said.

The Agriculture Department and the National Association of School Nurses are conducting a joint program to educate parents of elementary school children about the importance of safe food handling. Agriculture has developed a "parent education card" that features a well-cooked hamburger topped with cheese, tomato, grilled onions and lettuce with the statement: "Recipe for a safe and delicious hamburger. No matter how you top it... Before you take a bite, make sure it's brown in the middle."

Other food handling tips include:

• After shopping, quickly freeze or refrigerate all ground meat and other perishable foods.

Please see E.COLI, Page 26

Ticks pose sometimes deadly threat of Lyme disease

By Rudi Williams
American Forces Information Service

Tick season—spring through early fall—is in full swing across America and in many foreign countries. Being bitten by an infected tick can result in debilitating, sometimes deadly, Lyme disease, military and civilian experts warn.

Left untreated, Lyme disease can advance from early flu-like symptoms to painful and permanent damage to the joints, according to the National Centers for Disease Control. The disease can also affect the nervous system, causing numbness, pain, stiff neck and severe headache or muscle weakness in the face or limbs. Occasionally, heart irregularities occur.

The first stage of the disease begins three to 31 days after the tick bites. Symptoms can include fatigue, chills and fever, headache, muscle and joint pain or swollen lymph nodes.

Another mark of Lyme disease, researchers said, is a peculiar expanding circular skin rash in the areas where the tick bite occurred. Patch shapes vary depending on location. The rash appears mostly on the thighs, groin, trunk and armpits, and on the faces of children.

As the patch enlarges, the center may clear, giving a ring-like appearance. It may be warm, but isn't usually painful. However, researchers said, some people never develop a rash.

The individual risk of getting Lyme disease is reasonably small. Only about 12 to

15 percent of ticks actually carry the bug. The highest incidence occurs in the Northeast from Massachusetts to Maryland and in Wisconsin, Minnesota, California and Oregon.

If you can't avoid tick-infested areas, CDC experts suggest you wear a long-sleeved shirt and long pants, tuck pant-legs into socks or boots, tuck shirt into pants, tape area where pants and socks meet to keep ticks out and wear light-colored clothing so ticks can be seen easily. After being outdoors, promptly remove and wash clothing and inspect your body carefully and remove attached ticks with tweezers (see inset).

Military tick watchers are trying to spread the word about the dangers of being in wooded and grassy areas during tick season. "We're using education as a tool to combat Lyme disease as well as other

vector-borne disease. We've developed many educational materials," said Sandy Evans of the Army Environmental Hygiene Agency at Aberdeen Proving Ground, Md. Evans edits Focus on Lyme Disease, a newsletter containing current information on the disease and how to protect against tick bites.

The agency can also provide Technical Guide 174, *Personal Protection Against Insects and Other Arthropods or Military Importance*; posters; a 14-minute videotape; a slide presentation; and other material. Address comments, questions and requests for educational material to: Sandra Evans, U.S. Army Environmental

Hygiene Agency, ATTN: HSHB-MR 1, Aberdeen Proving Ground, MD 21010-5422 or call DSN 584-3613 or 1-410-671-3613.

Also, you can obtain information from the Lyme disease electronic mail network called LymeNet. The service is available through Internet.

The following hot lines are available for public use:

Lyme Disease Foundation, Inc., 1 Financial Plaza, Hartford, CT 06103-2610, or phone 1-800-886-LYME; and

American Lyme Disease Foundation, Inc., Royal Executive Park, 3 International Drive, Rye Brook, NY 10573.

REMOVE TICKS PROMPTLY

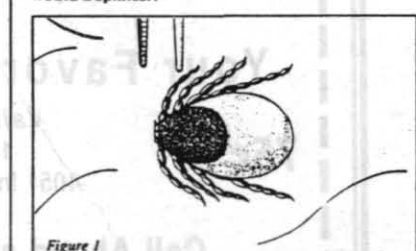
Grasp the tick's mouthparts against the skin with pointed tweezers (see fig. 1).

Pull back slowly and steadily with gentle force until the tick can be eased out of the skin (see figs. 2-3).

BE PATIENT - the tick's central mouthpart called the hypostome is covered with sharp barbs, sometimes making removal difficult (see inset).

DO NOT pull back sharply, as this may tear the mouthparts from the body of the tick, leaving them embedded in the skin. If the mouthparts do break off,

DO NOT PANIC - the mouthparts alone cannot transmit Lyme disease because the infective body of the tick is no longer attached. However, to prevent secondary infection, remove the mouthparts as you would a splinter.

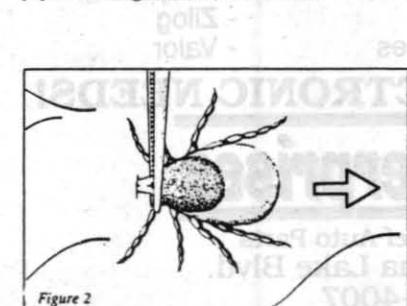


DO NOT squeeze the body of the tick, as this may force infective tick fluid into the wound site.

DO NOT apply substances such as vaseline, fingernail polish, fingernail polish remover, repellents, pesticides, or a lit match to the tick while it is attached, as these materials might irritate the tick and cause it to regurgitate infective fluid into the wound site.

After removal, wash the wound and apply an antiseptic.

Save the tick in a jar or vial for identification should you later develop disease symptoms. Species confirmation of the tick may greatly facilitate the physician's diagnosis and/or treatment.



A tick needs a blood meal from a host (animal or human) in order to molt (progress to the next stage in its life cycle), and to reproduce (lay eggs). This feeding process continues for several days to a week until the tick is fully engorged with blood. It then releases its hold from the host, drops off, and subsequently molts or lays eggs.

If the tick is infected with *Borrelia burgdorferi*, it can transmit infection to the host during the feeding process. As the tick feeds, the bacteria multiply in the tick's midgut and migrate to its salivary glands, from which point they are introduced into the wound site.

Research shows that successful transmission of *B. burgdorferi* requires the tick to be attached for 12 to 48 hours. Therefore, it is important to remove attached ticks as soon as they are discovered. The sooner infective ticks are removed, the less likely they will be able to transmit infection.



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I thought I ordered computer chips, not POTATOE CHIPS!!

Port Hueneme is home to the Navy's newest ship

The prototype Mobile Ship Target is a self-propelled 260-foot ship powered by two diesel engines

By Vance Vasquez
NAWS Point Mugu

Located at Naval Construction Battalion Center, Port Hueneme, the Surface Targets Division of the NAWCWPNS Threat Simulation Directorate is home to the Navy's newest ship—the prototype Mobile Ship Target (MST). The MST is a self-propelled 260-foot ship powered by two diesel engines.

The MST was designed by the Surface Targets Division and procured by NAWCWPNS Point Mugu. With nine shipbuilders competing, a \$1.91 million contract was awarded to Maritime Contractors, Inc., of Bellingham, Wash., in November 1992. After it was completed the ship target was towed from Bellingham to Port Hueneme in December 1993. Owing to poor weather in Washington, minor work was done on the MST at Port Hueneme, including painting the deck and adding the remote control system.

"We went from concept to hardware in two years," said Jeff Blume, associate head of the Surface Targets Division.

The MST came about after a series of studies was done to find low-cost alternative to targets such as decommissioned Navy hulks. Other possible deck barge-like vessels, or self-propelled vessels were considered and a 12-month effort by naval architects was completed. After analysis, it was recommended that a geometrically "fine" self-propelled barge hull, with the potential for different superstructures, be used for the prototype ship target.

Blume said the new MST costs less to build than



MST 9301—Hull number indicates Mobile Ship Target, number one of the series, built in 1993.

Photo by Vance Vasquez

converting an ex-destroyer hulk into a target, and it is environmentally clean. The MST is currently the only ship built, which when sunk, will not pose a potential threat to the environment, no polluting contaminants are to be sunk in open ocean. Blume said it costs in excess of a million dollars to environmentally clean a World War II hulk. This cost does not include converting the hulk into a re-useable target.

"We have direct fire authority on the MST," said Blume. "It's the only way to test the weapon to find out how well it performs."

The MST offers fleet users various configurations to

better simulate real threats

"One of the selling points of the ship target is its flat deck that will accommodate alternative simulated superstructures," Blume said. "Shipping containers can be arranged to simulate a variety of threats. We can stack up containers to simulate destroyers or missile torpedo boats. You're not locked into simulating one kind of target."

Since its arrival, the MST has been at sea three times, reaching speeds of 12 to 14 knots. According to Blume,

Please see **MST**, next page

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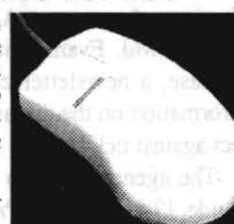
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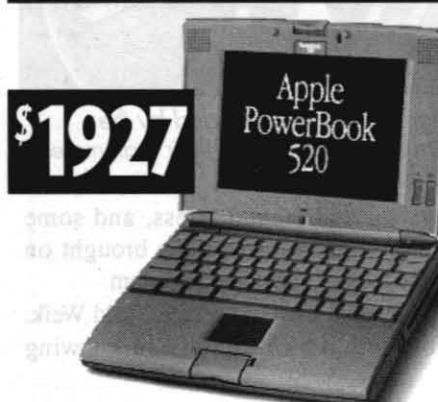
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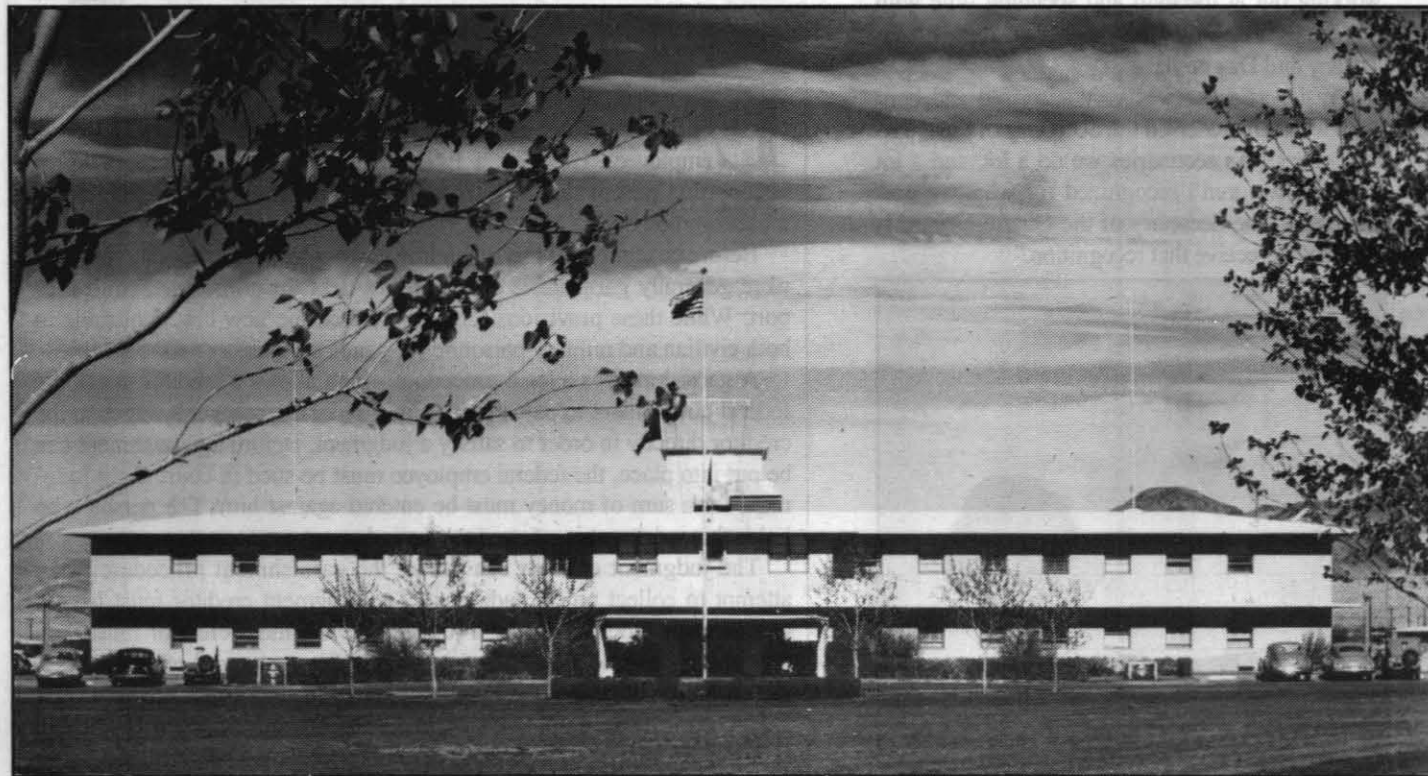
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One era ends, another begins...



COTTONWOODS in front of the Administration Building were just saplings in 1951. By 1954, they were giving a hint of their majestic splendor.



Photo by Margie Hammett

CHINESE PISTACH and Bradford Pear trees were planted to replace the cottonwoods that had to be cut down for safety.



Photos from TID's photo file



Photo by Peggy Shoaf

ROOT ROT helped the contractors along in tumbling this tree.

MST from Page 8

the target has performed to expectations, and no problems have occurred.

The MST is scheduled to participate in Harpoon missile testing this year. Other possible missions for the target ship include operational test and evaluation of the USS Arleigh Burke, Stand-Off Land Attack Missile, Tomahawk and other weapon systems.

The MST has received much interest throughout the DoD community and has

applications for multiservice needs.

The MST concept will not only be a target, but plans are under way for a second vessel, with the capability of launching surface-to-air missiles for target presentations, such as the MQM-8 Vandal.

This new ship allows the fleet far greater access than land-launch sites would to deploy with the fleet during missile training exercises.

Auxiliary Security Force shades the Kinderoos



Photo by Margie Hammett

ASF members donate their time to hang a camouflage net from the Kinderoo Building, located on the corner of Hussey and Bowen. The purpose of the net is to help keep the building and playground area cooler during these hot summer months.

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Network Noise

By Scott Lucas
Network Management Center

New system allows for faster service of trouble calls

The Code C6311 Network Management Center's help desk is in the process of replacing the existing trouble call tracking system with a new UNIX based system that will allow for faster logging of trouble calls and provide the additional capability to give customers a trouble ticket number for reference when they place a trouble call. In addition, this new system will contain a network knowledge data base that can be accessed by the NMC technicians to assist them in troubleshooting.

This new system is currently in the operational testing phase and is scheduled to go on line by Oct. 1.

To expedite the logging of trouble calls, customers calling the Network

Help Desk (939-6661) will be requested to provide their NAWCWPNS badge number in addition to their name and phone number when placing a trouble call. Once the initial data has been entered into the trouble call tracking database, future calls will only require the customer to provide their badge number and the system will automatically locate all of the pertinent information.

Although the new system has the capability to search its data base using the customers name or phone number, searching on a badge number is faster, generally requires less typing and is less likely to experience typographical errors. For more information contact Scott Lucas at 939-4897.

Coffeemakers recalled due to safety problem

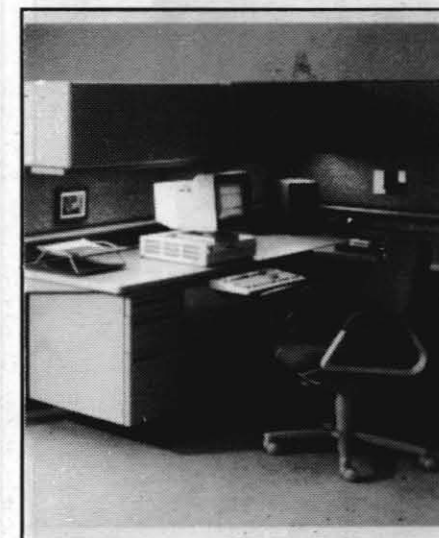
Virginia Beach, Va. (NNS) — Black & Decker/General Electric have recalled under-the-cabinet coffeemakers manufactured between 1984 and 1988 with model numbers SDC1, SDC2 and SDC3, with date codes 406 through 822. The date code is the number on the outside of

the plug prong. The thermostats on the selected brands may present a possible fire hazard.

Customers should take the coffeemaker to a local Black & Decker service center for inspection. To find the nearest service center, call 1-800-826-1070.

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Goody's Barbeque

New restaurant is open for breakfast, lunch, dinner

Freshly made biscuits and gravy, home-fried potatoes, barbecue tri-tip eggs, alfalfa sprout omelets for the health conscious, barbecue sandwiches and pork ribs are just some of the items available at Goody's Barbeque located in Bennington Plaza.

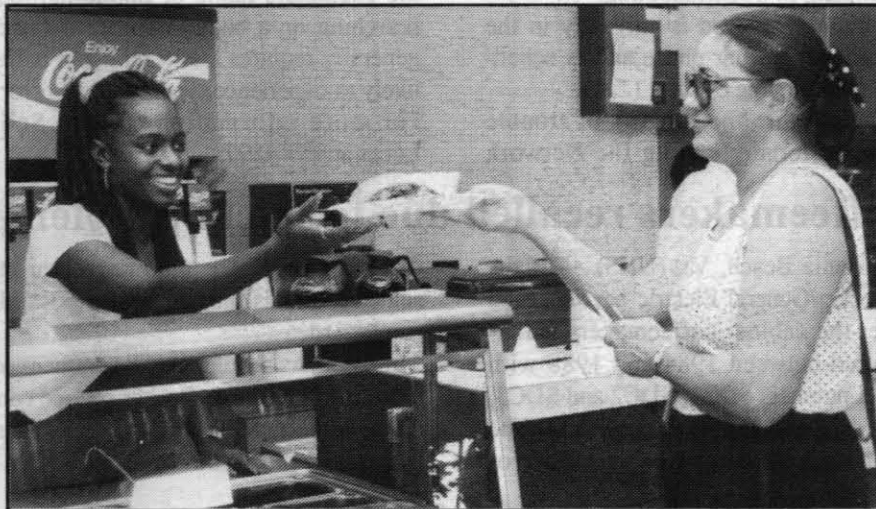
Goody's Barbeque, which is open to the public, took over the Navy Exchange Snack Bar (next to the post office) July 15. It's hours are from 5:30 a.m. to 9 p.m. Monday through

Friday and 8 a.m. to 9 p.m. on Saturdays.

Prices range from 95 cents for silver dollar pancakes to \$6.95 for a tri-tip dinner.

The new restaurant is operated by Goody's in Ridgecrest, the former "Bodacious Bar BQ." A percentage of all proceeds goes to the Navy Exchange.

Take-out orders can be made by calling 446-2415.



Photos by Margie Hammett

GOODY'S BARBEQUE is open for breakfast, lunch and dinner. Above, Keisha Curry serves customer Karen Anthony lunch, while below, Curry and Joe Martin prepare a serving of bacon and eggs on a biscuit smothered with freshly-made country gravy.



'Taps' for the SF-171 will sound December 31

"Taps" will sound for SF 171—the application form for federal jobs—Dec. 31. The federal government will no longer print or stockpile the venerable form after that date.

Still, don't feel bad if you've just spent money for SF-171 computer software. Applicants will have the option of using the old form, said Office of Personnel Management officials.

OPM Director Jim King said his agency published a proposal ending the SF-171 in the June 22 Federal Register. Officials expect the proposal to be final following a 30-day comment period and Office of Management and Budget approval.

"The intent of the proposal is to make it easier for people to apply for federal jobs," King said. "The SF-171 is too cumbersome and sends the wrong message when we are trying to move to a more customer-friendly and flexible system."

Agencies should begin phasing in SF-171 alternatives this year. DoD officials said they will be ready with SF-171 alternatives by Jan. 1.

Next year applicants will have the option of using a resume, an electronic file or a written format. Applicants for certain hard-to-fill jobs can already apply over the telephone.

OPM officials said the new proposal highlights the agency's commitment to simplify the application process through computerized hiring. Job seekers will use a pencil to mark answers about their qualifications on computer-scannable forms and send them in with their resumes. Applicants without resumes can

complete a mini-form that will be provided upon request.

OPM officials said the new format will save time for both applicants and personnel offices. The average federal job seeker takes at least eight hours to complete an SF-171, according to Mary Ann Malony, an agency spokesperson. But the applicant isn't the only one inconvenienced. "Even a good personnel specialist can take up to 90 minutes processing an SF-171," she added.

Officials said the new computer forms will take about 40 minutes for an average applicant to provide basic qualifications and another 15 minutes to answer specific questions for each agency applied to. Computer scanners can read up to 1,500 applications an hour.

King said the computerized format will mean the easiest way to apply for a job will be to review OPM's centralized list of agency job openings and follow the simple instructions given.

People with computers and modems can access the list through the Federal Job Opportunities Bulletin Board at 1-912-757-3100. Or job applicants can use touch screen computers in federal employment information centers throughout the country or in their state employment offices. TDD numbers for the hearing impaired are also available at these centers.

Vice President Al Gore's National Performance Review recommended eliminating the form. Gore called the SF-171 "a symbol of a system that's so tied up in its own red tape that it fails to serve either the government or the applicant for a government job."

Proposed time-in-grade rule changes means quicker promotions for some

Federal employees would be eligible for much quicker promotions under proposed rules recently announced by the Office of Personnel Management.

The change is part of Vice President Al Gore's National Performance Review. Officials said the change would make employees eligible for promotion based on performance rather than time in grade. The proposed rules appeared in the June 15 Federal Register and are subject to a 60 days' public comment before OPM issues the final rules.

"Abolishing the time-in-grade regulations will eliminate unrealistic expectations of guaranteed promotion after one year," said OPM Director James B. King. "Now employees will know that advancement hinges on their performance and skill levels."

Since 1951 employees have been required to spend one year in a general schedule pay grade before being eligible

for promotion, regardless of skill level and experience. The statutory basis for the requirement expired in 1978. OPM continued the requirement under its regulatory authority.

OPM officials said the change would be most useful in situations where a person with a master's degree or other strong qualifications accepts a low grade position to "get in the door" of federal government. Under current rules such people would be stuck at that grade even if positions open up that are better suited to their qualifications.

The National Partnership Council, made up of labor and management representatives, approved the change. However, the council recommended retaining time-in-grade requirements for bargaining units in which unions have exclusive rights. Time-in-grade requirements could drop later if these unions agree to the change.

Frazier named secretary of the quarter

By Peggy Shoaf
Staff Writer

In appreciation for all the support she has given the department, Dawn Frazier was selected as the Attack Weapons Department's Secretary of the Quarter for the first quarter of 1994. Frazier was surprised with the recognition at a special luncheon at China Gardens on May 19.

According to the nomination letters, as the Advanced Systems Division's secretary, Frazier is enthusiastic, very willing to pitch in and isn't afraid to ask questions.

Frazier started work at China Lake in 1982 as a cooperative education student while a senior at Burroughs High School. She moved to San Diego but returned to the desert in 1984 and worked as a "roving secretary" until she was picked up by the Intercept Weapons Department. She started her current job in 1992.

Part of Frazier's duties include overseeing three other secretaries and providing support to approximately 35 people. In addition, besides her regular duties such as typing, sorting the mail, answering the telephone and doing travel orders, she handles the division's plant account, keeps the supervisors' calendars and aids the administrative officer with her duties.

A member of the department's recreation committee, Frazier said she has been active setting up the code's family picnic, organizing the Christmas party and working on fund-raising events for these annual activities. She has also been a member of the department's software committee,

which provides guidelines to follow when purchasing software within the department.

During her free time, Frazier said she enjoys working out at the gym and spending time with her husband, Donville, and two daughters, Tiffany and Dawnesha.

Frazier said she was very surprised and honored when she received the Secretary of the Quarter honors. "As secretaries we do a lot, and a lot of times we aren't recognized for what we do," she said. "The Secretary of the Quarter Award is one way to receive that recognition."



RECOGNITION—Lee Gilbert, head of the Attack Weapons Department, hands Dawn Frazier the plaque declaring her Secretary of the Quarter for the first quarter of 1994.

From the Counsel

The Hatch Act and debt collection

By Craig Haughtell
Assistant Counsel

Last month, our article discussed the Hatch Act. Most people think of the Hatch Act as dealing with the political activities of federal employees. However, a 1993 amendment to the act contains provisions that permit the garnishment of a federal employee's wages for most common debts.

Before enactment of this amendment, the wages of a federal employee were generally garnishable only to pay a debt for alimony or child support. While these provisions remain in effect, the new law, applicable to both civilian and military personnel, expands on these.

A garnishment is a legal procedure which allows a creditor to ask the federal government to pay a portion of a federal employee's wages to the creditor directly in order to satisfy a judgment. Before a garnishment can be put into place, the federal employee must be sued in court and a judgment for a sum of money must be entered against him. The person who holds this judgment is referred to as a judgment creditor.

The judgment creditor can utilize the garnishment procedure in an attempt to collect on the judgment. The judgment creditor must have a garnishment order issued by a judge. The judgment creditor must then send the garnishment order to the Defense Finance and Accounting Service, which will review the order and notify the employee before diverting a portion of the employee's wages to the judgment creditor.

Up to 25 percent of a person's disposable pay may be garnished under the act. Disposable pay consists of pay minus the usual deductions for things like taxes and insurance. An additional fee, which is not subject to the 25 percent ceiling, can be taken from the employee's pay by the government to cover the costs of implementing the garnishment.

Problems or questions concerning individual garnishments should be directed to the Office of General Counsel, Defense Finance and Accounting Service, (DFAS-CL/DG), Cleveland Center, Cleveland, OH, 80279.



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POLARIS from Page 1

and hydrodynamicists, the Station used the University of California Wave Laboratory to determine the best method for underwater launch before beginning the full-scale polaris development program known as Operation Pop-up.

Leroy L. Doig III, command historian in TID, has been trying for about five years to acquire a Polaris for the China Lake Weapons Exhibit Center. So when Mark Wertheimer, of the Curator Branch at the Naval History Center, called to tell

him there was one available at Recruit Training Center, San Diego, which is due for BRAC closure, Doig told him he wanted it.

Doig visited RTC with Jerry Morrison, head of Public Works' Self Help Program and local Seabee project coordinator, to arrange for Seabees from Amphibious Construction Battalion One to transport the missile to China Lake. That task was accomplished last Thursday, when EO1 Mark P. Petty and EOCN Michael J. Evans made the haul from San Diego with the Polaris strapped to their flatbed semitrailer.

"No small credit for this effort goes to Jerry Morrison," Doig said. "He set up the transportation, planned the logistics and was even at the warehouse with his gloves on helping off load the missile. And this isn't the first time he's assisted us with the acquisition and preservation of historical artifacts. There are many things that have been done at China Lake because of Jerry's Seabee connections that might have otherwise been prohibited by cost."

Doig also noted that TID's Colleen Smith, department administrative officer, had been very helpful with the massive amount of paperwork required in the acquisition and transportation of the missile.

The Polaris will be installed at the exhibit center as soon as possible and eventually moved to the China Lake Museum when it is completed.



Photos by Margie Hammett

DETERRENT—Polaris was offloaded by Seabees and PWV personnel last Thursday. Steve Sanders, head of TID, representing the China Lake Museum Foundation (inset), thanked Jerry Morrison for his help by presenting him with a TID hat.

Fastest DAT in the world: HP JetStore 6000

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

What's DAT?

DAT stands for Digital Audio Tape. This technology was originally designed in the late 1980's using the helical scan recording technique for audio recording. Hewlett-Packard and Sony were the first of many companies to recognize DAT's potential as a first class data storage product for computing.

The basic features of DAT were improved by the Digital Data Storage (DDS) recording format, developed by HP and Sony with input from computer

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...

industry 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 current with technology and competitive. 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 increased bits-per-inch format & 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 take is longitudinal and helical scan minimizes this. Error-correction techniques verify data is correctly written and help recover data even if a tape is damaged. DDS cartridges perform far better than DAT audio cartridges. Certified DDS media is electronically checked to ensure it meets specs. HP further tests multiple passes assuring you of a minimum of 2000 passes. DDS cartridges have a shelf life of 10 years.

HP's JetStore 6000 DAT

This latest addition to HP's 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 have the broadest connectivity and widest choice of solutions for MS-DOS, Novell NetWare, Windows NT, SCO Unix, Banyan Vines, Macintosh and many more.

- **8Gbyte** with industry standard DDS-2 format, compression & 120-meter data cartridges
- **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 with other media
- high reliability: MTBF: 80,000 hours, data: less than one error in 10¹⁵ bits
- complete with JetSafe utilities, rails, cables, terminator, 120-meter cartridge, cleaning cartridge
- Network with Windows tape systems include **Cheyenne ARCserve 5.1 250-user version** and JetSafe utilities, rails (internal), cables, terminator, 120-meter data cartridge, cleaning cartridge

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

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



HP JetStore 6000i and 6000e DAT drives

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

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Military time can affect retirement

By John Powers, Code C621 and
Peggy Topham, Code P621

We discussed the Alternative Form of Annuity (lump sum option) and the use of military service in the computation of civil service annuities in our last article. In this article, we will talk about the use of military service by military retirees.

Almost everyone has decisions to make regarding the use of military service in computing their Civil Service annuities, but military retirees have additional things to look at in making these decisions.

Employees receiving military retired pay, which bars credit for all military service, may elect to waive the military retired pay and have the military service added to the Civil Service annuity computation. If employees do not waive the military retired pay, their retirement rights (and those of the surviving spouse, if any) will be based on their federal civilian service only and military service will not be included in computing the annuity. Employees will then receive both the military retirement and the Civil Service annuity at the same time.

Employees who waive their military retired pay may have military service credited for eligibility and computation of their Civil Service annuity. Employees would then receive only the Civil Service annuity.

CSRS employees

If the military service deposit is not made, the Civil Service annuity would be recomputed at age 62 to exclude the military service from the annuity computation, if the annuitant is eligible for Social Security benefits. These employees would then receive only a reduced Civil Service annuity and not military retired pay.

FERS employees

FERS employees must make the military service deposit prior to retirement in order for their military service to be included in the computation of their basic Civil Service annuity.

An annuitant may revoke the waiver of military retired pay and have the military retired pay reinstated at age 62 only if he or she would have been eligible for a Civil Service annuity at time of retirement based on civilian service alone (e.g. retirement at age 60 with 20 years of civilian service).

The "Catch 62" rules still apply. If military service is to be used in Civil Service annuities, military retirees should consider making the deposit for their military service.

Employees should determine now if they want to make the military service deposit. Since Catch 62 is more complicated for military retirees, we highly recommend that you contact your PMA Team for information to help in making these decisions. Contact your PMA team now—don't delay.

NAVAIR receives Presidential Award for Quality at ceremony



Photo by PR3 Anthony Smith, Navy Media Center

THAT'S QUALITY!—VADM. William C. Bowes, commander, Naval Air Systems Command, accepts the Presidential Award for Quality from Vice President Al Gore, at ceremonies held during the Seventh Annual National Conference on Federal Quality July 13. NAVAIR is the only organization to have won the prestigious award twice. KNID, Channel 17 on Benchmark Cablevision, will broadcast the award presentation every week night next week at 5:55.

SAFETY from Page 16

Office is still responsible for establishing a comprehensive occupational safety and health program for NAWCS China Lake. It will review, evaluate and inspect all operations, procedures, equipment and facilities to ensure compliance with safety standards and criteria. It will also review initial installation plans and operational procedures for safety issues and provide technical safety information and support to all base activities. The office will also monitor and track mishaps and mishap reporting and provide training all safety disciplines. It will plan and administer an aggressive, continuing accident prevention program, assist in establishing and conducting safety/mishap investigation boards and assist in report writing. It will also review all facilities engineering plans and contracts for compliance with OSH standards and to eliminate potential hazards.

The Police (Physical Security) Division, commonly referred to as the China Lake Police Division, will still implement programs to protect life and property; prevent crime; and enforce laws, instructions, rules and regulations governing physical security, traffic control, perimeter control and law enforcement. In addition, the division will administer the physical security and loss prevention programs, formulate and enforce command physical security procedures, exercise control over visitors and vehicles to the complex, investigate crimes and evaluate investigative data and maintain liaison with federal, state and local law enforcement agencies.

The Fire Division will continue to administer and implement local fire prevention, fire education and safety, fire fighting, disaster preparedness and hazardous spill response programs.

Discrimination of civilian gays in the federal workforce is banned by Navy and Coast Guard

Both the Navy and the Coast Guard have issued statements saying they will not discriminate against gay and lesbian civilian employees.

Navy Secretary John Dalton issued a May 23 statement adding sexual orientation to the department's nondiscrimination policy. The policy already included race, color, gender, religion, national origin, age and disability. The Coast Guard

issued a similar statement April 26. Both Coast Guard and Navy officials say the policies only clarify long-standing policy.

All federal agencies are revising their nondiscrimination policies to include homosexuals.

The policy affects only civilian Navy and Coast Guard employees. Military members are still bound by the "don't ask, don't tell" policy.



JOB ORDER CONTRACT—Present for the formal contract signing are (l to r) Lcdr. Charles C. Miller, head of the PW Facilities Contract Division; John P. Sylva, Berrios corporate executive; Jesus Berrios, Berrios Construction president; and Mike Thorpe and George Makosiej, Public Works Department.

Contract awarded to Berrios Construction

Lcdr. Charles C. Miller, head of the Facilities Contract Division in the Public Works Department, recently awarded a new Job Order Contract to Berrios Construction Company, of San Francisco. This indefinite delivery, indefinite quantity contract has the potential to provide the Station with \$32.5 million in construction, alteration and repair services over the next five years.

Berrios Construction Company holds Small Business Administration regional and national contractor

awards and is among the top 500 minority-owned firms nationwide.

Award of this contract comes after a protracted two-year procurement process that began in October 1992 and has included two lengthy protests and a difficult source selection.

Lcdr. Miller, along with Michael Thorpe, Bart Parker, Victoria Wintjen, Diane Steel, Tom Kozan, Carol Jones, William Nelson, Michael Ashton and Russ Spindler were commended for their perseverance in bringing the contract to the Station.

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Safety and Security split into two separate departments

By Peggy Shoaf
Staff Writer

Taking another step into the competency aligned organization, the Naval Air Weapons Station China Lake Safety and Security Department has divided into two separate departments. The official reorganization occurred May 29.

Under the old system, security responsibilities within the department included physical security, law enforcement and all other security areas (information security, personnel clearances, information system security, operations security and so forth) at the Naval Air Weapons Station China Lake, noted La Donna Compton, head of the new Security and Program Protection Department's Administrative Support Office.

Now physical security and law enforcement responsibility is in the new Safety and Security Department, C84, and all other security areas for the entire Naval Air Warfare Center Weapons Division have been centralized in the new Security and Program Protection Department, Code C66.

"With all the downsizing and budget cuts, this move was one way to become more efficient," Compton explained.

But with any change, it takes awhile

for customers to realize the organizational division and some still don't realize there has been a change and are sending the mail to the old code numbers, Compton said. This means the new Safety and Security Department, which is operating under the same code, C84, is getting most of the mail. By the time it is processed and sent to the correct location, it's been delayed.

Compton urges people to learn what the two new departments oversee, and their code numbers, so that both departments can handle their respective responsibilities in as timely a manner as possible.

Security and Program Protection Department

Headed by Roy Parris, Code C66, the new Security and Program Protection Department, supports all NAWCWPNs sites. The department is responsible for the implementation and management of programs to protect personnel and material from natural or man-made disasters, loss, theft, sabotage, terrorism or espionage that would adversely affect the

Naval Air Warfare Center Weapons Division's personnel, morale or operations effectiveness.

Department offices are located in the old Safety and Security Department building, Building 8, on the corner of Knox and Blandy, diagonally across from the Administration Building.

Code C66 is divided into three parts—Operations Security/ASP Office, P6603 and C6604; the Security Division, C661 and P66101; and Information Systems Security Division, C663 and P66301.

The Operations Security/ASP Office implements the security guidance contained in DoD 5000.1/5000.2, including the safeguarding of weapons systems anywhere in the acquisition process and the technologies being developed, the support systems (for example, test and simulation equipment), and research data with military applications. This includes program protection planning, operations security and program counterintelligence support.

Integrating policies for the security of

classified information and personnel security matters, including classification management, industrial security, review of public releases, security training for handling classified material; release of classified material to foreign countries under FMS sales; and export licenses, will be administered by the new Security Division.

The Information Systems Security Division implements policies contained in OPNAVINST 5239.2; accredits ADP systems and networks to handle classified or sensitive information, identifies deficiencies and provides training for the protection of software and hardware.

Part of the Information Systems Security Division is the CMS/Communications and Security Office, which manages the accounting and control of crypto-controlled material.

Safety and Security Department
Headed by William (Bill) Deem, C84, the new Safety and Security Department, is broken into three parts—the Occupational Safety and Health Office, C8403; the Police (Physical Security) Division, C841; and Fire Division, C842. Department offices are located in the old Safety Office, Building 466, at Nimitz and Halsey.

The Occupational Safety and Health Please see **SAFETY**, next page

People are encouraged to learn about the two new codes so that both departments can handle their respective responsibilities in as timely a manner as possible.

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5:30 p.m.: Navy News

5:55 p.m.: Presentation of the Presidential Award for Quality to NAVAIR

6:25 p.m.: Fifty Years with Smokey the Bear

6:50 p.m.: Fire Prevention Week

7:00 p.m.: Pricing Out Quality

7:02 p.m.: Powder Metallurgy

•Monday-Friday, July 25-29

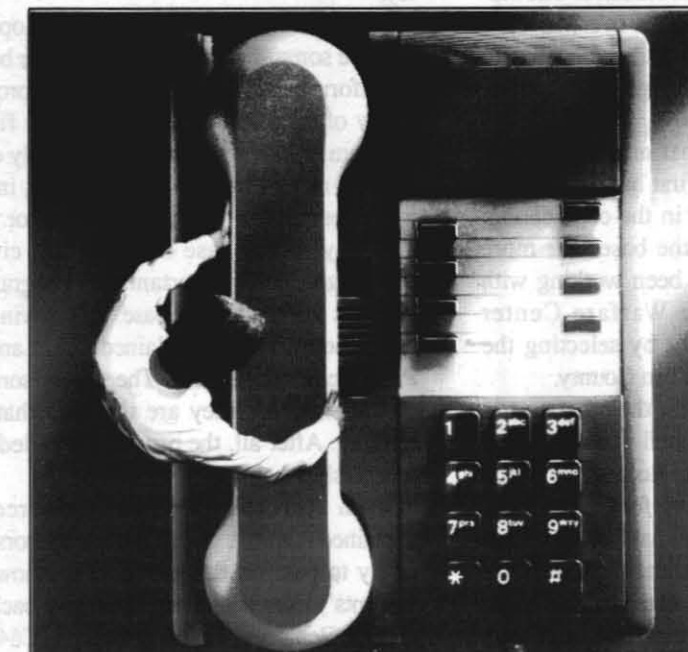
5:30 p.m.: Navy News

5:55 p.m.: United States Naval Academy: Commissioning Week and Graduation (2 hours)

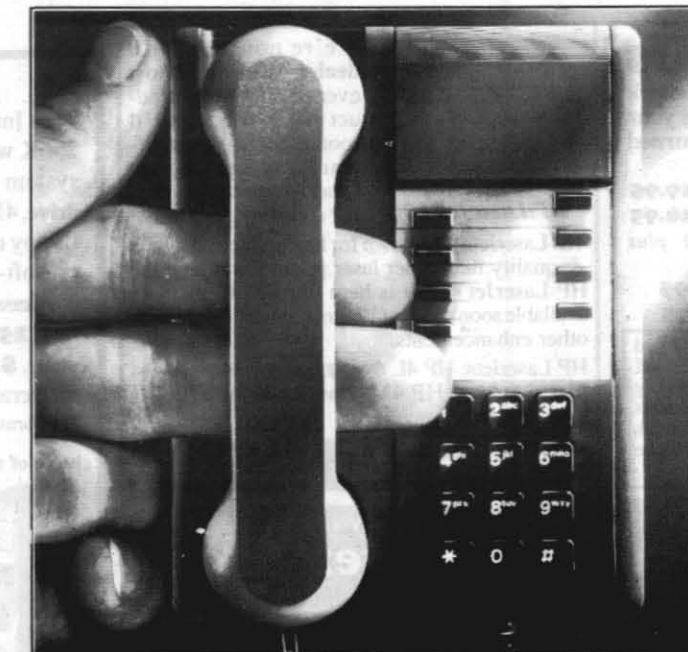
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The TVIS system will be undergoing annual maintenance for the next two weeks, and no programs have been scheduled.

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JTPA: Students from Bakersfield, Ridgecrest and Inyokern participate in Job Training Partnership Act program

By Abel Maestas
JTPA Participant

As some of you already know, the Job Training Partnership Act (JTPA) Program is back this summer at the Naval Air Weapons Station China Lake. This year the JTPA is formed by 38 Bakersfield students and eight Ridgecrest/Inyokern students. The students arrived on July 20th and have been overwhelmed, like everyone else, by the terrible heat. They hope to have a good time and acquire knowledge on the engineering and science field in the Navy.

The JTPA is a unique program that enables the students of Kern County to experience first hand the activities and challenges which take place in the engineering, science and mathematics fields on the base. For more than 10 years the JTPA program has been working with the cooperation of the Naval Air Warfare Center Weapons Division and its predecessor by selecting the highest quality students from around Kern County.

For the past several years, funding for the program has been done by the Private Industry Council of Kern County (PIC) and the Employers Training Resource (ETR). The base has provided food and housing for the students, but in recent years the JTPA has had to pay for their own meals. They are catered by a local restaurant, "Hitters."

Members of both the PIC and ETR came to NAWS on June 30th for their annual tour of the base and brief look at some of the students and their work sites. Joining the group was Richard Froelich, JTPA administrator from the Kern High School District, who always visited the

base when the PIC and ETR wanted to get a first-hand look at the students in action. Members of the PIC that visited the base were Ed Victor (program manager, Employee Development Department, State of California), Roger Hargis and Michael Page. Members of the ETR that came were Eddie Dominguez (lead program analyst), Pete Parra (executive director) and Karen Stelley.

The tour was the PIC's and ETR's opportunity to actually see some students working on the base and find a little information about how well the program is running. Many of the PIC and ETR members find this particular program to be very aspiring and highly effective. "I come back as many times as I can because, in my opinion, this is the best place we've got," said Victor.

Many of the base military and civilian personnel understand how important this program is for the students as well as for the base. "It's a win-win situation for everyone involved," explained Cdr. Langford, NAWCWPNS executive assistant. The supervisors are a major part of the program; they are the ones that put the train in training. After all, the program is called the Job Training Partnership Act.

Ann Kurotori, Human Resources Department, explained it as, "... giving the supervisors a level of opportunity to pass on things that they know...peak their (the students') interest and somehow give back to society."

Eric Bengtson, Exhibits Branch (C6413), a supervisor and participant for six years, explained his experience by stating, "We've always gained more than we've given."

The students also understand the validity and impor-

tance of the program and at the same time enjoy their experiences at NAWCWPNS. Many even highly recommend the program to other students in their home town. The program tries to provide the students with training which will be useful to them in their future. "I can take my experience here and strengthen my resume and someday run my own trophy shop," said Gabe Stockton, a JTPA student working in the Exhibits Branch.

Though the JTPA has grown from the original eight students in 1978 to 38 in 1994, there are still not enough students to fill in the request that the base needs. "Every year we advertise and send a request sheet to every code. Many are received but there are never enough students to fill each position," said Teresa Cosgrove, JTPA/NAWS liaison. With the help of NAWS/NAWC and the PIC and ETR, the program will continue to function and may even get larger, so someday all the requests will be filled. And every student that applies can have a chance to experience the training that China Lake has to offer.

Many people may not know that this program is unique. This is the only JTPA program in the country that provides these talented students the chance to work on a military base and experience the many things that a base can offer, said Cathy Partusch, NAWS public affairs officer. Keeping this one going is the responsibility of everyone involved in the program and others who support the training of these students. With the help of everyone, other military bases and school districts across the nation will see the example this program has set forth and spread this great opportunity to other students around the country.

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*'94 S10 Ext. Cab V6 (4x4) ID# 232342, Stk# 151-94	280	1,000	\$1,280
*'94 1/2 Ton Ext. Cab V8 (4x2) ID# 282694, Stk# 154-94	700	1,500	\$2,200
*'94 1/2 Ton Ext. Cab V8 (4x2) ID# 286356, Stk# 156-94	700	1,500	\$2,200
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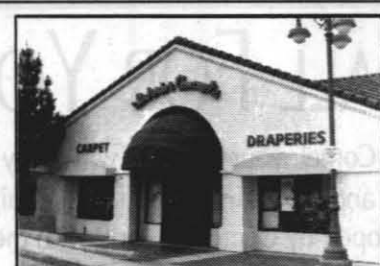
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variable conditions; developing training programs for all assigned fire-fighting personnel; rewriting regulations and fire bills; and performing managerial-related duties. Selectee must be able to obtain and maintain a Secret clearance. **Quality-Ranking Factors:** (1) **Technical QRF:** Ability to direct fire-fighting/rescue operations through application of fire protection/prevention regulations, codes, standards, published instructions and programs. (2) **Supervisory QRF:** Ability to apply affirmative action principles, implement EEO practices, motivate and influence others, and communicate orally and in writing. Promotion potential to DP-3 but not guaranteed. **Notes 1 and 2 apply.**

No. P07-026-MG4, (3) Safety and Occupational Health Specialist, GS-018-11, Naval Air Weapons Station, Occupational Safety and Health Office, P0713—Area of Consideration: Current Permanent DOD Employees Nationwide. **Opening Date:** 7-14-94. **Closing Date:** 8-11-94. **Selecting Official:** Martin Himmelstein, 989-7867. **HRD Contact:** Mary Lou Gutierrez, 989-3230. **Permanent Change of Station Authorized:** No. **Summary of Duties:** The incumbent interprets established safety standards in light of local unique operations and safety situations. Independently plans and schedules surveys/inspections of industrial shops and offices to identify and evaluate risk potential involving a wide variety of work environments and occupations. Determines the extent to which mechanical and physical conditions comply with required or accepted standards, their adherence to established safety policies and procedures, and the effectiveness of the assigned program. Investigates or directs investigations of accidents, analyzing precipitating factors and accident causal data in order to develop specific methods for prevention. Develops or assists in developing training and educational programs as dictated from analysis of training needs. Instructs supervisors and employees on a variety of safety and health subjects including hazardous materials, machine safety, personal protective equipment, and rights and responsibilities of employees. **Quality Ranking Factors:** Knowledge of occupational safety and health principles, techniques, practices, and standards.

No. C022-001-DWE4, Librarian, DA-1410-1/2/3, Technical Library Division, Technical Information Department, C0223—Area of Consideration: DOD-wide. **Opening Date:** 7-14-94. **Closing date:** 8-13-94. **Selecting Official:** Sandy Friedman (619) 939-1017. **HRD Contact:** Diana Eggleton, (619) 939-8111. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent is responsible for performing reference work; conducting on-line literature searches with DIALOG, DTIC, ILS (Integrated Library System) and/or RLIN databases; compiling bibliographies; selecting and acquiring appropriate subject matter material (books, technical reports, periodicals, manuals, etc.); making subject analysis, indexing, cataloging, and classifying library materials, interpreting and analyzing information; assisting patrons with the on-line computer system; developing information systems; defining user requirements; and marketing library services. **Quality Ranking Factors:** Ability to provide the full range of reference, literature search, and subject analysis library services to technical patrons, such as scientists and engineers, in support of their research, development, test, and evaluation projects. Selectee must be able to obtain and maintain a Secret clearance. (Please see DOD vacancy announcement in Room 100 for qualification requirements.) **Note 1 applies.**

NATIONWIDE CURRENT APPOINTABLE DOD EMPLOYEES

****No. P22-001-TS4, (1) Interdisciplinary: Computer Engineer/Electronics Engineer/Computer Scientist, DP-0854/0855/1550-03 (Equivalent to GS-12/13), Naval Air Warfare Center Weapons Division, Aircraft Weapons Systems Directorate, Aircraft Weapons Integration Department/Fighter, Software Systems Engineering Division, P2241—Area of Consideration:** Current Appointable DOD Employees Nationwide. **Opening Date:** 7-19-94. **Closing Date:** 8-17-94. **Selecting Official:** Gary Graton, (805) 989-9536. **HRD Contact:** Therese Smith, (805) 989-3322. **Permanent Change of Station Authorization:** No. **Summary of Duties:** Incumbent formulates, analyzes, models, evaluates, advises, or performs design studies on the feasibility, suitability, adaptability, and/or operational utility of systems and system concepts. Performs state-of-the-art designs to take advantage of new concepts, techniques, or principles in the research, development, or test and evaluation of new and advanced systems. **Quality-Ranking Factor(s):** Extensive experience building (working) real-time Ada software systems (preferably with TARTAN Ada) in the lead software systems design capacity. Extensive experience as an Ada programmer and software integrator in real-time avionics systems. Experience with VAX and IBM mainframes and avionics laboratory equipment. ****Readvertised to extend area of consideration.** Previously applicants need not reapply. Submit copies of latest SF-50 with any application filed against this announcement.

****No. P22-002-TS4, (1) Electronics Engineer, DP-0855-03 (equivalent to GS-12/13), Naval Air Warfare Center Weapons Division, Aircraft Weapons Systems Directorate, Aircraft Weapons Integration Department/Fighter, Avionics Laboratories Division, P2231—Area of Consideration:** Current Appointable DOD Employees Nationwide. **Opening Date:** 7-19-94. **Closing Date:** 8-17-94. **Selecting Official:** Hin Chan, (805) 989-9018. **HRD Contact:** Therese Smith, (805) 989-3322. **Permanent Change of Station Authorization:** No. **Summary of Duties:** Incumbent plans, schedules, coordinates, and/or conducts detailed phases of technical work in part of a major project or in a total project of moderate scope. Performs state-of-the-art designs to take advantage of new concepts, techniques, or principles in the research, development, or test and evaluation of new and advanced systems. Performs work involving test, reliability, quality, maintainability, evaluation, or product improvement of equipment, subsystems, and/or systems for development, production, test and evaluation, or fleet support. **Quality-Ranking Factor(s):** Extensive experience in the integration of both hardware and software for a complex system with several major subcomponents and establishment of requirements. Experience of real-time software design with Jovial and/or Ada high-level languages. Experience in Avionics, Radar, AWG-9, APG-71, and IRSTS systems in fighter aircraft and MIL 1679, MIL 1553 760 software development and electrical standards. ****Readvertised to extend area of consideration.** Previously applicants need not reapply. Submit copies of latest SF-50 with any application filed against this announcement.

****No. 6313-003-4, (1) Telephone Mechanic, WG-2502-10, Information Systems Department, Communications Division, PM Telecommunications Branch, NAVAIR-WARCENWPNSDIV, P6313—Area of Consideration:** Current Appointable DOD Employees Nationwide. **Opening Date:** 7-28-94. **Closing Date:** 8-29-94. **Selecting Official:** Bob Keeling, (805) 989-7400, DSN 351-7400. **HRD Contact:** Ana I. Anderson, (805) 989-3241, DSN 351-3241. **Permanent Change of Station Authorization:** Negotiable. **Summary of**

Duties: The incumbent installs and relocates various types of standard telephones, electronic loud speaker telephones, answering units, buzzer systems, loud ringing bells, magneto telephones, terminal boxes and connecting blocks. Installs associated drop wire, protectors, and inside wiring; and runs cross-connects at terminal cabinets. She/he locates and clears trouble conditions, replaces faulty circuit elements, and makes shop repairs on various types of telephones and related equipment. Replaces defective parts, tightens connections, and cleans instruments. **Job Element:** *Ability to do the work of the position without more than normal supervision.

SCREEN OUT ELEMENT

****Readvertised to change area of consideration and opening and closing dates. Previous applicants need to reapply.**

****No. 6313-004-94, (1) Telephone Mechanic, WG-2502-11, Information Systems Department, Communications Division, PM Telecommunications Branch, NAVAIR-WARCENWPNSDIV, P6313—Area of Consideration:** Current Appointable DOD Employees Nationwide. **Opening Date:** 7-28-94. **Closing Date:** 8-29-94. **Selecting Official:** Bob Keeling, (805) 989-7400, DSN 351-7400. **HRD Contact:** Ana I. Anderson, (805) 989-3241, DSN 351-3241. **Permanent Change of Station Authorization:** Negotiable. **Summary of Duties:** The incumbent is responsible for testing inside and outside circuits of the system to locate and clear troubles, and to make line tests for new installations. Incumbent will be required to test and maintain the various integrated circuits associated with logic circuitry of the automatic station identification system, (AIOD). Installs, maintains, and repairs central office and relaying apparatus in accordance with manufacturer's maintenance manuals. Maintains motor generators, flotrals, and ringing machines, related power, and supervisory equipment by standard approved methods. **Job Element:** *Ability to do the work of the position without more than normal supervision. **SCREEN OUT ELEMENT.** ****Readvertised to change area of consideration and opening and closing dates. Previous applicants need to reapply.**

REASSIGNMENT OPPORTUNITIES

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

REASSIGNMENT COLUMN

ALL FOUR SITES

No. C21-008, Computer Scientist, DP-1550-3, (Multiple Vacancies). F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A), C2195—Area of Consideration: NAWCWPNS. **Opening Date:** 7-28-94. **Closing Date:** 8-11-94. **Selecting Official:** Charles Bechtel, (619) 939-5210. **HRD Contact:** Kym Noh, (619) 939-2393. **Permanent Change of Duty Station**

Authorized: Yes. **Summary of Duties:** This position is located in the F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A). The branch is responsible for development of embedded computer software for the F/A-18 aircraft. The incumbent will provide software engineering support for (1) analyzing and documenting aircraft mission system requirements, (2) developing software designs for embedded computers, (3) translating software designs into source code, and (4) testing the resultant embedded computer programs. A knowledge of embedded systems software development, DOD-STD-1679A, and DOD-STD-2167A is desirable. Incumbent must have experience in software engineering practices. Incumbent must have experience in assembly language programming. The incumbent must be able to work well in a team environment and display effective communication skills. Incumbent must be able to obtain and maintain a Secret clearance. Full performance for this position is DP-3. Duty station is at NAWCWPNS, China Lake, Calif. Send a current SF-171 to Charles Bechtel, C2195. **Note 4 applies.**

No. C21-010-KN4, Electrical Engineer, DP-850-3, Target Recognition Branch, Fire Control Division, Aircraft Weapons Integration Department, C2158—Area of Consideration: NAWCWPNS. **Opening Date:** 7-28-94. **Closing Date:** 8-11-94. **Selecting Official:** Oran McNiel, (619) 939-3531. **HRD contact:** Kym Noh, (619) 939-2293. **Permanent Change of Station Authorization:** Yes. **Summary of Duties:** The incumbent is responsible for developing and providing technical leadership for the development of a littoral target recognition system capability for the Joint Surveillance Target Attack Reconnaissance System Advanced Technology Demonstration (STARS ATD). The incumbent will provide technical leadership to establish a Joint Service Program for the development and demonstration of land and marine automatic target recognition (ATR) capability using the Joint STARS platform. The incumbent must show demonstrated capability in developing advanced ATR algorithms. Interested persons should submit a current SF-171 to Mr. Oran McNiel, C2158. **Note 4 applies.**

No. 32-005-DWE4, (1) Interdisciplinary (Electronics Engineer/ Computer Scientist), DP-855/1550-2/3, C3251, Computer Systems Branch, Data Systems Division, Range Department—Area of consideration: NAWCWPNS-wide. **Opening date:** 7-28-94. **Closing date:** 8-11-94. **HRD contact:** Diana Eggleton, (619) 939-8111. **Permanent change of Duty Station Authorized:** Yes. **Summary of Duties:** The Computer Systems Branch is responsible for the on-going development of the Range Control Center Integrated Processing System (RIPS). The incumbent will provide systems engineering support for (1) collecting, analyzing, and documenting RIPS customer requirements; (2) performing systems analysis of current hardware/software systems; (3) producing new system designs; and (4) developing designs into new hardware/software systems. The incumbent will work with both government and contractor personnel who are highly familiar with real-time range data processing applications. Prior experience with C and ADA is desirable. Incumbent must have experience in requirements definition, systems analysis/design, software applications development, systems programming, and device-driver programming. Experience with real-time applications, UNIX workstations, and networking is required. The incumbent must be able to work in a team environment and display good communications skills. Must be able to obtain and maintain a Secret clearance. To apply, send an updated current SF-171 to Dan Harris, C3251. **Note 1 applies.**

July 28, 1994

July 28, 1994



NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



ALL FOUR SITES GENERAL ANNOUNCEMENTS

EXTRA COPIES OF PERSONNEL LISTING

A few excess copies from the initial distribution of the March 1994 listing of NAWCWPNS employees and phone numbers have been returned and are currently available. If you need a few additional no-cost copies for your office, contact Doris Shepherd at China Lake, 939-3513 or Coralynn Ana at Point Mugu, 989-8811.

FIP HELP SESSIONS

The Federal Information Processing (FIP) Resources Branch (P/C633) will offer bi-weekly help sessions at both Point Mugu and China Lake, titled "Just-In-Time," for anyone planning to acquire FIP resources (formerly called automatic data processing equipment (ADPE)) and anyone who needs to write an Abbreviated System Decision Paper (ASDP). Assistance will be on a one-on-one basis and will be available at Point Mugu on 3 and 17 August at Bldg. 340A in the mini-conference room from 0900 to 1100. At China Lake, assistance will be available on 10 and 24 August at Bldg. 02466, Room 20001B, from 0900 to 1100. Additional dates will be scheduled at both sites as needed. For more information, contact Bonnie Jones at 939-1557.

TRAINING HISTORY DOCUMENTATION

Employees should ensure that all informal training received is documented in their training information history. Currently, all training approved on a DD-1556 or an on-board course roster is being entered in our NAWCWPNS Training Information System. However, there is a significant amount of training that occurs without use of the forms indicated above. This category of training in should be

documented in order to meet the 40-hour-per-employee training requirement. You may submit this informal training on a "credit only" form, available from P/C622. Credit for on-the-job training, cross-training, self-directed instruction, satellite training, new equipment familiarization, development assignments, etc. may be documented via this method. To obtain further information or a form, call 989-3995 (Point Mugu) or 939-0870 (China Lake).

THRIFT SAVINGS PLAN (TSP) RATES OF RETURN

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

	C Fund	F Fund	G Fund
June	(2.47)%	(.24)%	0.59%
Last 12 Months	1.40%	(1.39)%	6.24%

*Numbers in parentheses are negative.

C Fund—Common Stock Index (Stocks)

F Fund—Fixed Income Index (Bonds)

G Fund—Government Securities

Note: TSP open season has started and will continue until 31 July. Enrollments or changes should be submitted to your PMA Team before the end of June to be effective in the first pay period in July.

VX-4 SQUADRON REUNION

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

CHINA LAKE GENERAL ANNOUNCEMENTS

NAWCWPNS to pay the tuition. EMPLOYEES WHO PAY TUITION WILL NOT BE REIMBURSED. If you have any questions, call Cecil Webb at 939-0878 (C622).

ADULT, CHILD, AND INFANT "COMMUNITY CPR" CLASS

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

EQUIPMENT MANAGEMENT BRANCH HAS NEW TELEPHONE NUMBERS

The Inventory Section of the Equipment Management Group has acquired three new telephone numbers: 927-1307, 927-1404, and 927-1610. These numbers provide direct

IN-HOUSE INSTRUCTORS WANTED

The Training Staffs at both the Point Mugu and China Lake sites are looking for employees who might have an interest in serving as instructors. The HRD Division may reimburse organizations for labor and printing costs of instructors. Using in-house instructors significantly reduces the amount spent on contracting out for training services. The Annual Training Budget is significantly reduced for FY95. Continued use of local expertise in conducting critical subjects is a high priority in the current environment of declining budgets. The following is a list of professional, technical, and computer-related subjects that are planned for FY95.

- Radar
- Signal Processing
- Global Positioning Systems
- Fiber Optics
- Weapons Simulation
- RF and IR Seekers
- Imaging
- Antennas
- Circuit Board Troubleshooting
- Electronics
- Reading Electrical Schematics
- MS WORD
- Filemaker
- VAX
- C++
- Windows NT
- Graphtech
- OOP
- 2D and 3D
- ADA
- Network Classes
- Radar Transmitters
- Telemetry
- Data Analysis
- Weapons Systems
- Threat Simulation and Modeling
- Infrared
- Flight Test Engineering
- Receivers
- Geometric Dimensioning
- Ordnance Equipment Handling
- Fiberglass Repair
- EXCEL
- AutoCAD
- UNIX
- Windows XX
- PRO-Engineer
- OOD
- OOA
- Graphics
- Communication Networking

Any other subjects that employees see a prescriptive need for and for which employees are willing to share their knowledge, are welcomed as potential additions. Employees interested in becoming instructors for these classes should submit a brief resume and suggestions for course title, content, and recommended length (based on their particular expertise) to Vicki Munro (C622) or Cliff Lewis (P622).

ENGINEERING CODES FOR AEROPREDICTION: STATE-OF-THE-ART AND NEW METHODS

Dr. F. G. Moore of NAVSWC has performed work sponsored by the Air Launched Weaponry Block for the past 15 years. His topic "Engineering Codes for Aeroprediction: State-of-the-Art and New Methods" consists of work partially sponsored by NAWC. Dr. Moore will be presenting his work at NAWC on 2 August, 1230-1630 in Conference Room B/C, Mich Lab. All interested parties are invited to attend. He will also present a progress report on the work he is doing to extend the engineering code capability above angle of attack 30 degrees.

If you are interested in attending, contact Dr. Craig Porter, 939-2624 or Bob VanDyken, 939-8212

CSUN REGISTRATION

Registration for CSU, Northridge fall courses in engineering will be held at the Training Center on 2 August between 1100 and 1400. The previously advertised date of 3 August has been changed to 2 August. For more information or to enroll in a course, call Denise at 939-2648.

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).

CSUC COMPUTER SCIENCE GRADUATE WRITING EXAM

The CSU, Chico Computer Science Graduate Writing Exam will be given **18 August** at China Lake. The cost is \$20. CSUC graduate students who need to take the exam may reserve a space by calling Denise at 939-2648.

CSUC COMPUTER SCIENCE ADVISING

Dr. Orlando Madrigal of Cal-State University, Chico will be at China Lake on

11 August to advise current and prospective students in the external degree programs offered by the school in computer science. The programs lead to bachelor's and master's degrees. Those wishing to see Dr. Madrigal are asked to make an appointment by calling 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.

ACADEMIC PROGRAMS AT CHINA LAKE

NAWCWPNS China Lake sponsors the following academic programs on-site: BS and MS in computer science through California

State University, Chico; MS in engineering (options in electrical, mechanical, and systems engineering) through California State University, Northridge; and BS in business administration and MS in administration through California State University, Bakersfield (CSUB). CSUB also offers a certificate program in environmental management. For more information, call Cecil Webb at 939-0878.

CHINA LAKE RETIREMENTS AND FAREWELLS

LANA AGUILERA

Lana Aguilera, Fire Prevention Inspector, is retiring after more than 25 years of federal service. A retirement dinner will be held in her honor at the Homestead Restaurant on **30 July** at 1900. For reservations, presentations, or gift donations call Esther or Ross at 939-2146.

RAY PAGE

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

JERRY LLOYD

Jerry Lloyd, Weapons Exhibit Coordinator (C02207) is retiring after 26 years of federal service—24 years Civil Service at China Lake. A farewell luncheon will be held in his honor at El Charro Avitia's on **2 August** at 1115. Regular menu service will be available. For reservations, presentations, or further information, contact Pat or Colleen at 939-3658/939-2266.

ROGER PECK

Roger Peck is retiring with 34 years of federal service. C622 invites all his friends to join in his retirement celebration and enjoy the High Noon Special at John's Pizza on **2 August**. Festivities will be from 1130 to 1300 in the Warehouse. To make a presentation or reservation, call Lori Ryser at 939-2686.

RUSSELL FRANK

Russell Frank, Systems Engineering Branch (C8733), is retiring after 12 years and 6 months of federal service. A retirement

luncheon will be held in his honor at John's Pizza on **2 August** from 1100-1300. Luncheon choices are (1) Sunset—pizza, salad, garlic bread, and a drink, or (2) Sports—pizza, bread sticks, and a drink. The cost will be \$5.90 (tax included). An RSVP is requested by **26 July**. For presentations and/or gift donations, call Mary Seles at 939-5383 or Daryl Kilgore at 939-9810.

JAMES S. WOOLEY

James S. Wooley (C2824) is retiring after 24 years of federal service. A farewell luncheon will be held in his honor at the Texas Cattle Company on **2 August** at 1130. Regular menu service will be available. For reservations, presentations, or gift donations, call Marlene at 939-3982 by **1 August**.

HOLLY WIGGINTON

Holly Wigginton of the NWC/NAWC Liaison Office in Arlington, Virginia, is retiring on **3 August** after 10 years of federal service. For gift donations, presentations, or further information, call Marie Gutzman at 939-2455.

TINA BROWN

Tina Brown is retiring after 29 years of federal service. A farewell luncheon and "roasting" will be held in her honor at the Carriage Inn on **4 August** at 1130. For luncheon choices, reservations, presentations, and/or gift contributions, call Kim Koch at 939-0758 or Sandra Moore at 939-0759 by **28 July**.

JOHN R. LORCH

John R. Lorch (C2824) is retiring after 33 years of federal service. A retirement dinner will be held in his honor at the Carriage Inn on **5 August** at 1800. For reservations, presentations, or gift donations, call Marlene at 939-3982 by **2 August**.

MARGY ZINKE

Margy Zinke is retiring after 27 years of federal service. A farewell luncheon will be held in her honor at the Seafarer Club on **5 August** from 1130-1300. To make a presentation or reservation, call Barbara Bennett at 939-2701 or Donna at 939-3802 by **1 August**.

BETTY GROSS

Betty Gross is retiring after more than 25 years of civil service. A farewell buffet dinner will be held at the Seafarer Club on **11 August** at 1830. For reservations, presentations, or gift donations, call Linda McCauley at 939-0614.

RONALD SMITH

Ronald (Ron) Smith is retiring after 30 years of federal service, 26 of which were served at China Lake. C2773 invites all of Ron's friends and coworkers to celebrate his retirement at the Texas Cattle Company on **17 August** at 1130. For reservations, presentations, or gift donations, contact Peggy at 939-7990 or Niki at 939-7989.

JOHN ZENOR

John Zenor is retiring after 21 years of federal service. A party will be held in his honor at John's Pizza on **18 August** at 1730. For reservations, presentations, or further information, contact Jane Dobberpohl at 939-4800.

ERNEST "ERNIE" LANTERMAN

Ernest (Ernie) Lanterman is retiring after 35 years of federal service. C2773 invites his friends and coworkers to a farewell party held in his honor at the Seafarer Club on **18 August** at 1700. The cost is \$6.50 per person. For reservations, presentations, and gift donations, call Peggy at 939-7990 or Niki at 939-7989.

JERRY SYDERS

Jerry Syders is retiring after 11 years of federal service. A luncheon will be held in his honor at El Charro Avitia on **25 August** at 1130. Lunch choices will include an all-you-can-eat lunch buffet at a cost of \$5.95 per person, salad bar at a cost of \$2.95 per person, or order off the menu. For reservations and/or donations, call Cindy Halpin at 939-4012/4079.

MARTY PELTZ

Marty Peltz, C8347, is retiring after 33 years of federal service. A farewell dinner will be held in his honor at China Garden on **29 August** at 1900. Dinner will include an all-you-can-eat buffet at a cost of \$6.95 per person. Seating is limited. For reservations, information, or donations, contact Cindy Halpin at 939-4079/4012.

LEE O. O'LAUGHLIN

Lee O. O'Laughlin, Fire Chief, is retiring after more than 29 years of federal service. A retirement dinner will be held in his honor at the Barefoot Bar Patio on **31 August** beginning at 1800. A barbecue dinner will be served at 1900. Dinner will include a choice of boneless chicken breast or ribeye steak at a cost of \$9 per person. For dinner tickets, gift donations, or presentations, contact Esther or Ross at 939-2146 by **25 August**.

LEAH CANTRELL

Leah Cantrell (C6134) is retiring after 25 years of federal service; 15 years were spent at China Lake primarily in the budget area. If you would like to send Leah a card or drop her a line to wish her the very best, address them to C6134.

POINT MUGU GENERAL ANNOUNCEMENTS

RETIREMENTS AND FAREWELLS

To announce retirement and farewell social events for Point Mugu personnel (published in the Missile and Rocketeer) contact Ron Rogers at 989-3997. Announcements must be received 3 weeks prior to the events.

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 worksites 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.

POWER AND INFLUENCE SKILLS FOR SUPPORT STAFF

A seminar titled "Power and Influence Skills" will be held at the Surfside, Cloud 9 Room on **24 August** from 0800 to 1630. This seminar is an action-oriented program focusing on the role of the secretary as a key office staff member with a wide range of skills and a well-established power base.

Skills will be learned in developing a plan to exert your power and influence appropriately and successfully within your job context. Participants will gain an understanding of power and its role in the workplace, and an understanding of leadership concepts and their impact on office productivity.

Participants will be assisted in mastering skills, behaviors, and attitudes that enhance their professionalism on the job.

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

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**.

OPERATIONS DIVISION NEWS

draw sketches of test setup, ability to perform the work of the position without more than normal supervision. Incumbent(s) must be able to obtain and maintain a secret clearance. Full performance level is WG-10. Note 1 applies.

ALL NAWCWPNs SITES

No. C86-010-SK4, Recreational Programs Manager, DP-1101-3, Morale, Welfare and Recreation Department, C861—Area of Consideration: NAWCWPNs. Opening Date: 7-28-94. Closing Date: 8-11-94. Selecting Official: C.A. Stevenson, (619) 939-2211. HRD Contact: Susan Koch, (619) 939-8120. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent is responsible for the operation and management of a diverse recreation and mess program, which includes managing and administering multimillion dollar programs that utilize the appropriated fund and non-appropriated fund/budgeting process. Incumbent develops and implements administrative policies and procedures, as well as technical requirements for all MWR programs and activities. **Quality-Ranking Factor(s):** Ability to manage complex MWR program with diverse elements, ability to manage and administer NAF and APF budgeting/planning process, skill in facilities planning and implementation.

NATIONWIDE/CURRENT PERMANENT DOD EMPLOYEES

No. P07-029-MG4, (1) Industrial Hygienist, GS-890-11, Naval Air Weapons Station, Occupational Safety and Health Office, P0713—Area of Consideration: Current Permanent DOD Employees Nationwide. Opening Date: 7-28-94. Closing Date: 8-25-94. Selecting Official: Martin Himmelstein, (805) 989-7867. HRD Contact: MaryLou Gutierrez, (805) 989-3230. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent manages and directs the Asbestos Laboratory operations to identify and count asbestos fibers. The incumbent works closely with the Public Works SMART Team scheduling asbestos rep-outs and removal actions, then reading and analyzing clearance samples with a phase-contrast microscope. The incumbent also reviews contractor-hired industrial hygienist's qualifications making recommendations as to their suitability. Performs professional and scientific work in the health of the work force. Consults as necessary with Naval Medical Clinic occupational health professionals on the identification, evaluation, and control of exposures to toxic materials or harmful physical agents. Incumbent reviews plans for new facilities and new procedures during the development phase to ensure that adequate measures for the prevention of occupational health hazardous and disease have been incorporated, including attending ROICC-precon briefings. Incumbent provides primary Hazard Specific (Hazardous Materials) Training to NAWS/NAWC supervisors and prepares briefings for NAWC Safety Policy Board. Incumbent may serve as Assistant Radiation Safety Officer. **Quality-Ranking Factor(s):** Knowledge of industrial hygiene concepts, principles, and practices applicable to conduct a wide range of operations and processes in occupational health areas.

No. P07-030-MG4, (1) Industrial Hygienist, GS-890-12, Naval Air Weapons Station, Occupational Safety and Health Office, P0713—Area of Consideration: Current Permanent DOD Employees Nationwide. Opening Date: 7-28-94. Closing Date: 8-25-94. Selecting Official: Martin Himmelstein, (805) 989-7867. HRD Contact: MaryLou Gutierrez, (805) 989-3230. Permanent Change of Duty

Station Authorized: No. Summary of Duties: Incumbent plans and manages the Regional NAWC Industrial Health Program at the Point Mugu Complex, San Nicolas, and Santa Cruz, and provides consultational services to the Commander, NAWC, directorate heads, commanding officers, and heads of tenant activities on occupational hazards and health problems including studies of health hazard causing procedures (real and potential), toxicological information, and interpretation of laboratory analysis of chemical and biological samples. Plans and manages an Occupational Health Training Program for all NAWC personnel, civilian and military, for the prevention of occupational illness and the control of hazardous materials. Conducting special surveys of workplace conditions to determine the extent of hazardous exposures and the effectiveness of existing control measures. Supervises the workplace monitoring program and recommends corrective action for health problems arising from work related circumstances. Serves as a member of the Hazardous Chemical Control Committee, Asbestos Prioritization Board, Hazardous Materials Spill Response Team, Eye Hazard Committee, Radiation Safety Board, Laser Safety Board, and Command Safety Board. **Quality-Ranking Factor(s):** Knowledge of industrial hygiene concepts, principles, and practices applicable to conduct a wide range of operations and processes in occupational health areas.

No. P07-031-MG4, (1) Safety and Occupational Health Specialist, GS-018-12, Naval Air Weapons Station, Occupational Safety and Health Office, P0713—Area of Consideration: Current Permanent DOD Employees Nationwide. Opening Date: 7-28-94. Closing Date: 8-25-94. Selecting Official: Martin Himmelstein, (805) 989-7867. HRD Contact: MaryLou Gutierrez, (805) 989-3230. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as the Explosive Safety Officers responsible to the OSH Manager. Serves as advisor to the OSH Manager on all Explosive Safety Program matters. Serves on the Ammunition and Hazards Subcommittee, Non-Nuclear Ordnance and Handling Qualification and Certification Policy Committee, as well as other committees and boards. Plans, organizes, and directs the tenants located at the Naval Air Weapons Station, Point Mugu and all sites. Coordinates with the DOD Explosive Safety Board, NAVSEA Explosive Safety Office, and other agencies. Reviews and recommends interpretations of laws, regulations, and standards consistent with the intent and requirements of applicable standards and directives from higher authority in conjunction with Command and departmental policies. Conducts risk assessments and analyses, evaluates operational and economic analysis of new programs and projects relating to explosive safety standards and directives, and formulates procedures and methods that minimize such impacts. **Quality-Ranking Factor(s):** Knowledge of explosive safety regulations for handling, storing, producing, renovating, and shipping explosives.

No. C84-007-JJ4, Fire Chief, DA-0081-3, Fire Division, Safety and Security Department, C842—Area of Consideration: Current Permanent DOD Employees Nationwide. Opening Date: 7-28-94. Closing Date: 8-25-94. HRD Contact: Jean Johanboeke, (619) 939-8135. Permanent Change of Station Authorized: No. Summary of Duties: Incumbent is responsible for the overall management of the Fire Division, which includes supervising the structural, aircraft fire fighting and crash/rescue, and fire prevention operations; providing fire protection services for buildings and structures; providing crash fire protection for highly classified programs of aircraft weapons systems; developing plans and procedures for carrying out fire-fighting and rescue operations under

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 accepted 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 COMNAVIAIR. Appointable persons include those with reinstatement eligibility, those within reach on an OPM certificate, and those eligible for noncompetitive permanent appointment (e.g., VRA, handicapped).

NOTES

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

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

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

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

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

GENERAL INFORMATION

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

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP). Incumbent must hold or be able to obtain the appropriate security clearance. As of 1 August 1992, Mandatory Direct Deposit/Electronic Funds Transfer (DD/EDFT) 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/EDFT within 60 days. An asterisk (*) preceding an announcement number indicates a modification has been made to the vacancy advertisement; please note indicated changes.

MERIT PROMOTION

CHINA LAKE SITE ONLY

No. C23-002KN4, Secretary (Typing), DG-318-2, C2322, Information and Electronic Warfare Directorate, Advanced Technology Division, Concepts Development and Analysis Branch—Area of consideration: China Lake site. Opening Date: 7-28-94. Closing Date: 8-11-94. Selection Official: William E. Collier, 939-6518. HRD contact: Kym Noh, 939-2293. Permanent Change of Station Authorized: No. Summary of Duties: The incumbent provides secretarial support to the Concepts Development and Analysis Branch. In addition, this position requires someone willing to learn SPEDI. **Quality-Ranking Factors:** Knowledge and experience on the Macintosh II computer. The incumbent must be able to obtain and maintain a Secret clearance. Position is at full performance.

No. C23-003KN4, Secretary (Typing), DG-318-2, C2381, Information and Electronic Warfare Directorate, Warning and Surveillance Systems Division, Radar Warning Systems (ASR) Branch—Area of consideration: China Lake site. Opening Date: 7-28-94. Closing Date: 8-11-94. Selection Official: C.A. Hawthorne, 939-0132. HRD contact: Kym Noh, 939-2293.

Permanent Change of Station Authorized: No. Summary of Duties: The incumbent provides secretarial support to the Radar Warning Systems (ASR) Branch. In addition, this position requires someone willing to learn SPEDI. **Quality-Ranking Factors:** Knowledge and experience on the Macintosh II computer. The incumbent must be able to obtain and maintain a Secret clearance. Position is at full performance.

No. C27-004-NR4, Explosive Test Worker, WG-6517-7, Ordnance Evaluation Branch, Energetic Materials Division, Ordnance Systems Department, C2712 (Multiple Vacancies)—Area of Consideration: NAWCWPNs, China Lake. Opening Date: 7-28-94. Closing Date: 8-4-94. Selecting Official: Carl Halsey, (619) 939-7203. HRD Contact: Monica Hewston, (619) 939-2218. Permanent Change of Station Authorized: No. Summary of Duties: Incumbent(s) responsibilities include assisting in conducting firing line checks, placing ordnance items as per test plans, placing instrumentation and photographic equipment, recording data during and after tests and presenting this data to the project engineer, and transporting explosives both on- and off-station to test sites. Positions are covered by the C2712 Prejourneyman Training Plan for Explosive Test Operators. **Job-Relevant Criteria:** Knowledge of safety procedures and safe practices, ability to communicate both orally and in writing, ability to

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.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

WORD, BEGINNING (16 hrs.)

1-2 August; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: PCT

Prerequisite: Macintosh Introduction

The objective of this course is to familiarize the participant with this powerful, full-featured word processing program. Participants will learn to create, edit, and format a letter, memo and proposal; insert and edit graphics; search and replace words; create headers, footers, and footnotes; check spelling and page breaks; and create form letters using Word's Table feature.

DEVELOPING ANALYSTS' SKILLS (24 hrs.)

2-4 August; Tuesday-Wednesday, 0800-1630; Surfside, Cloud 9 Room. By: Donna Eller Jones

This course is designed to develop analytical skills in staff who perform analytical work yet whose background and experience have not included specific education or training in completing analytical assignments. Content includes roles and responsibilities of analysts, the essential skills and processes required to perform analytical work, and other aspects of performing analyst work such as values, ethics, and corporate culture. The training will be conducted using a wide variety of interactive techniques such as mini-lectures, group discussions, and small case studies.

WORDPERFECT, INTRODUCTION (8 hrs.)

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

Prerequisite: Prior PC experience

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

DBASE IV, INTRODUCTION (16 hours)

9-10 August; Tuesday-Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory Co.

Prerequisite: Prior PC experience

This course introduces basic operations of the dBASE IV database program. Participants learn fundamental skills and concepts to create files, use common commands, and edit and modify files.

DOS, INTRODUCTION, (8 hrs.)

11 August; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: C.C.C.S.

This course includes an explanation of the components of a typical computer system, tips on the safe and efficient operation of a computer, and hands-on experience in a variety of basic computing techniques. After completing this course, students should be able to:

- Understand how DOS relates to the hardware/software
- Organize hard disk
- Format diskettes
- Work with subdirectories
- Name, rename, delete, and backup files

WORDPERFECT, INTERMEDIATE (8 hrs.)

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

Prerequisite: WordPerfect Introduction

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

DBASE III+, INTRODUCTION (16 hrs.)

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

Prerequisite: Prior PC experience

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

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (20 hrs.)

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

Intended Audience: COTRS, ACOTRS, AND TAS.

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

PC, INTRODUCTION (8 hrs.)

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

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

DOS, ADVANCED (8 hrs.)

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

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

EXCEL, BEGINNING (16 hrs.)

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

Prerequisite: Basic Macintosh operating skills

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

Presentation Method: Hands-On Workshop

MS-WINDOWS, INTRODUCTION (16 hrs.)

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

Prerequisite: Prior PC experience

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

CPR, BASIC PROVIDER (8 hrs.)

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

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

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

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

Prerequisite: LOTUS 1.2.3. Introduction

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

DBASE IV, INTERMEDIATE (8 hrs.)

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

Prerequisite: DBASE IV. Introduction

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

BUDGET ANALYSIS, ADVANCED (24 hrs.)

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

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

WORDPERFECT, ADVANCED (8 hrs.)

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

Prerequisite: WordPerfect Intermediate

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

MS-WINDOWS, INTRODUCTION (16 hrs.)

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

Prerequisite: Prior PC Experience

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

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

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

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

Topics covered include a summary of general guidelines (organizational structure of DOD and subordinate commands, safety, security, privacy act, ethics, workers compensation, plant account, Drug Free Workplace Program, and EEO, including prevention of sexual harassment), affirmative employment (merit promotion, reassignment, special interest programs, interviewing and selecting new employees, reading a 171, and obtaining performance information from previous supervisors), employee development, employee awards (and other aspects about the DEMO system), discipline (problem behavior, poor performance), and other topics of interest to supervisors.

CPR, BASIC PROVIDER (8 hrs.)

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

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

EFFECTIVE PRESENTATIONS (16 hrs.)

21-22 September; Wednesday-Thursday, 0800-1630; Surfside, Cloud 9 Room. By: Marian Lappan

This workshop is designed to help people who would like to have more self-confidence and be more persuasive when they must present information in front of an audience. The workshop helps the speaker understand the reasons and remedies for stage fright, develop self assurance, use visual aids for greatest impact, organize a talk in a hurry, stick to the subject, simplify technical information, eliminate distracting behavior, and control the question-and-answer period. Practical experience is given to each attendee in developing, organizing, and presenting a work-related briefing with individualized assistance from the workshop leader.

HUMAN RESOURCES DEPARTMENT INFORMATION

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

EMPLOYEE/LABOR RELATIONS DIVISION NEWS

LEAVE DONORS NEEDED

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

CHINA LAKE

Mary Hire, C02461

Mary is recuperating from major surgery.

Lois Berry-Light, C2876

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

Lucinda Lundin, C626

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

Jill Guinn, C02211

Jill is recovering from a fracture.

Cathy McCune, C29B14

Cathy is recovering from major surgery.

William Muhlhause, C2633

William had a total hip replacement.

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.

Frank White, C3312

Frank is recovering from pneumonia and valley fever.

Kimberly (Ramirez) Hansing, C2644

Kimberly is on maternity leave.

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.

Jean Rongish, C2612

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

Denise Evans, C6111

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

Janet Blackwell, C658

Janet had abdominal surgery and is recovering.

POINT MUGU

Patsy Lopez, P2205

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

John Duhon, P7363

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

Brenda Davis, P625

Brenda is undergoing treatment for lupus erythematous.

Tracey Stanphill, C834

Tracey has cancer and is undergoing radiation and chemotherapy treatments.

Howard Gerrish, C2772

Howard obtained severe injuries in an accident.

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.

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.

La Wanda Lint, P7262

La Wanda had surgery on her shoulder.

Eireen Echiverri, P6137

Eireen will be undergoing surgery.

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

C++, INTRODUCTION (40 hrs.)

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

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

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

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

group or an individual student.

Presentation: Lecture, Hands-On Workshop

Deadline: 15 August.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

CORPORATE CULTURE MANEUVERS FOR CROSS-CULTURE EMPLOYEES (8 hrs.)

11 August; Thursday, 0800-1600; Training Center. By: Suzanne Hard

Intended audience: Employees who are not a part of the mainstream culture and want to learn the skills and behaviors that are valued by the organizational culture.

This one-day seminar is designed to enable you to make sense of the expectations of the mainstream culture, to understand the written and unwritten rules, to learn verbal and non-verbal communication skills that are

desired and the meaning they convey, and to identify the validity of assumptions and expectations that are made. Managing your diversity will help you meet the challenges of building a cohesive team, maneuvering the performance evaluation process, and generally becoming more effective.

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

For further information or to enroll, call 939-2686.

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

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

This class is designed to provide employees with general information about the Drug Free Workplace Program and the Employee Assistance Program. Subjects include drug testing policy and procedures, typical drug

abuse behaviors, the role of the Employee Assistance Program at China Lake, and a general question and answer session on substance abuse.

To enroll, call Pat at 939-3159.

POWERPOINT ON THE MACINTOSH (8 hrs.)

17 August; Wednesday, 0800-1600; Training Center. By: Paul Colter, C6264

Prerequisite: General knowledge of Macintosh concepts and usage.

In this class you will obtain the skills necessary to produce the kind of presentations you've always wanted. Topics include creating, editing, and printing presentation slides and charts.

Presentation Method: Hands-On Workshop

Deadline: 3 August.

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

FILEMAKER PRO (16 hrs.)

18-19 August; Thursday-Friday, 0800-1600; Training Center. By: Marjorie Hunter, C0239

Prerequisite: Basic Macintosh skills.

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

Presentation Method: Hands-on workshop
Deadline: 4 August.

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

FILEMAKER PRO (16 hrs.)

22-23 August; Monday-Tuesday, 0800-1600; Training Center. By: Polly Bainbridge, C626

Prerequisite: Basic Macintosh skills.

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

Presentation Method: Hands-on workshop
Deadline: 8 August.

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

WORD ON THE MACINTOSH, BEGINNING (16 hrs.)

24-25 August; Wednesday-Thursday, 0800-1600; Training Center. By: Marjorie Hunter, C0239

Prerequisite: Macintosh skills (create folders, launch applications, use clipboard).

Intended Audience: Beginning users of the Word program on the Macintosh.

In this course you will learn to use MicroSoft WORD to create documents; move text between files using the clipboard and glossary; add, change, and delete text; format using font and format; use the spell checking facility; paginate, print, and save documents.

Presentation Method: Hands-On Workshop
Deadline: 10 August.

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

TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

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

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 939-2666.

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

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

TBD August; Training Center. By: Invention Machine Corporation

Prerequisite: General engineering knowledge

Intended Audience: Design, process, manufacturing and value analysis engineers, project team leaders, process and manufacturing managers.

Objective: To improve engineering effectiveness by implementation of innovative technology of design and theory of inventive problem-solving otherwise known as computer assisted creativity.

Scope: A short history of the development of engineering thinking and the methods used in innovative technology of design. Includes in-depth analysis and examples of the principles of division, separation, local quality, anti-action, nested doll; Sufield analysis-effective language for describing an engineering system; inventive problem-solving using Sufield analysis; inventive standards-the unique methods for structural prediction of new solutions; applying inventive standards engineering; laws and regularities of engineering system development; the algorithm of innovative problem-solving; transition of the engineering problem to the model of the ideal solution or final result; development of engineering and physical contradictions; problem model construction, development, analysis and evolution; evaluation of initial solution and development trends of solutions, and physical, chemical, and geometrical effects and phenomena, with applications in engineering. **Note:** The tuition for this course is approximately \$500.00. Employees must provide a JO.
Deadline: 28 July.

TAMP CLASSES FOR MILITARY MEMBERS AND THEIR SPOUSES**TAP WORKSHOP**

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

DYNAMITE SF-171

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

HANDS-ON RESUME WORKSHOP

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

SMOOTH MOVE WORKSHOP

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

DYNAMITE SF-171

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

HANDS-ON RESUME WORKSHOP

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

For TAP workshops, contact your career counselor.

For other classes, call TAMP at 927-1545 at least 3 work days in advance of the

equipment custodians to understand their duties and responsibilities regarding equipment and accountable assets.

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

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

SECURITY CLASS**SECURITY OVERVIEW**

10 August; Wednesday, 0730-1130; Training Center. By: Wendy Merendini

This class is designed to provide employees with a brief overview of information security, personnel security, operations security, and security education. The class will include short videos on safeguarding and marking classified information as well as the threat from foreign intelligence. To enroll, call Cathey Mattox at 939-2612.

CSUN FALL COURSES

Following are courses being offered this fall for the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. Registration will be held at the Training Center on 2 August from 1100-1400. Enrollments in courses will be on a first-come first-served basis. Courses are subject to cancellation if there is insufficient enrollment. Classes will be received from CSUN via its Instructional Television Network (ITN) and will be held at the Training Center. Classes for this semester begin on 29 August and end on 16 December. Course descriptions are available from Denise at 939-2648. Book order forms may be obtained at registration or from Denise at the time of enrollment.

AE672: Advanced Topics in Aero-Propulsion

Thursdays, 1900-2150; Training Center (via ITN); By Prof. Mincer

EE320: Theory of Digital Systems

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

EE340: Electronics I

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

EE350: Linear Systems I

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

EE455: Mathematical Models in EE

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

EE460: Introduction to Communication Systems

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

EE470: Electromagnetic Fields and Waves I

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

EE480: Fundamentals of Control Systems

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

EE624: Design Automation of Digital Systems

Wednesdays, 1900-2150; Training Center (via ITN); by Prof. Roosta

EE639: Robotic Sensing and Computer Vision

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

EE650: Random Processes

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

EE660: Modulation Theory

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

EE666: Fiber-Optic Communications

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

EE671: Microwave Engineering

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

EE672: Advanced Microwave Circuit Design (formerly EE572)

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

EE683: Optimal Control

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

IE606A: Systems Engineering and Operations Research

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

FIN533: Financial Concepts

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

ME485: Principles of Pollution Control

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

ME490: Fluid Dynamics

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

ME501A: Seminar in Engineering Analysis

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

ME686: Optimal Design of Mechanical Systems

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

CSUC COMPUTER SCIENCE PROGRAM

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

CSCI151: Algorithms and Data Structures (3 units)

29 August-21 December; Mondays and Wednesdays, 1130-1245; Training Center (videotape). By: Professor Melody Duncan, CSUC, (916) 898-6480.

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

Prerequisite: Pascal or C or consent of instructor.

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

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

CSCI256: Theory of Computing (3 units)

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

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

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

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

CSCI278: Computer Networks (3 units)

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

Prerequisite: CSCI152: Operating Systems Programming or CSCI153: Systems Software and CSCI172: Systems Architecture or equivalent or consent of instructor.

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

CSCI333: Object-Oriented User Interface Design (3 units)

30 August-22 December; Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By: Professor Jim Murphy, CSUC, (916) 898-4037.

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

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

Note: Since Microsoft Windows will be used in Fall 1994, students who have taken CSCI298C-1 or CSCI397C-12 may take this class for credit. (Satisfies Graphics and Image Processing area)

CSCI382B: Information Theory - Error Correcting Codes (3 units)

30 August-22 December; Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By: Professor Melody Duncan, CSUC.

Prerequisite: One upper division course in math or consent of instructor.

Scope: A systematic treatment of error-control coding for dealing with noisy channels, storage systems, and logic design. Several encoding and decoding algorithms are developed for various application scenarios. Appropriate mathematical background will be covered at the beginning of the course. (Satisfies Simulation and Mathematical Computation area).

Note: This course replaces CSCI382A: Information Theory, which was originally scheduled for the fall.

CSCI397C-13: Object-Oriented Design and Programming in C++ (3 units)

30 August-22 December; Tuesdays and Thursdays, 1530-1645; Training Center (via satellite). By: Professor Jim McElroy, CSUC.

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

Scope: This course, which is a sequel to the analysis and design class, will concentrate on the design and implementation of object-oriented programs using C++. The focus will be on how to implement object-oriented models in C++, with a strong emphasis on good programming practice. All features of C++ will be examined in detail. Object Modeling Technique (OMT) will be used to express models. **Note:** See Course Syllabus for specific software requirements. Students who have taken CSCI397C-1, 397C-10, or 397C-11 may take this class for credit. (Satisfies Programming Languages and Theory area)

CSCI322: Object-Oriented Programming in Artificial Intelligence (3 units)

30 August-22 December; Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By: Professor Anne Keuneke, CSUC, (916) 898-5998.

Prerequisite: Consent of instructor.

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

Note: Course has been renumbered from CSCI397C-17.

POINT MUGU COURSES

To enroll in or ask questions about Point Mugu courses call P622, (805) 989-3982, (DSN) 351-3982.

SCIENTIFIC, ENGINEERING, AND TECHNICAL**C PROGRAMMING LANGUAGE, INTRODUCTION (40 hrs.)**

1-5 August; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: Kevin McNally, P3522

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

This course provides an introduction to programming in the language of C. C language declarations, control statements, procedures, functions, pointers, and Input/Output will be discussed in depth. There will be an introduction to software engineering and design as part of the course.

The class is structured around a hands-on programming environment on the IBM computer. This includes debugging techniques and reverse engineering and changing a current program to perform additional software tasks. By the end of the course the student should be able to take a software algorithm and implement in C.

AUTOCAD 3D AND AUTOLISP (32 hrs.)

15-18 August; Monday-Thursday, 0800-1630; Bldg. 5-1 Room 30. By: Dave Pendleton, C2872

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

This course will provide a review on the basic AutoCAD commands and will cover advanced topics on dimensions, blocks, menu macros, 3D wireframe models (solid primitives, section and profile renderings, and

solids editing functions), and AutoLISP programming (syntax and interaction between AutoLISP and the drawing editor)

C++ PROGRAMMING LANGUAGE, INTRODUCTION (40 hrs.)

12-16 September; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis, C2872

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

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

By the end of this course, the student will have a good understanding of an object-oriented-design method and the C++ language rules that support an object-oriented approach to software engineering.

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).