

## Navy Ombudsman Day, September 13, recognizes contributions

Washington (NNS) -- Sept. 13, Navy Ombudsman Day, is an occasion for the China Lake, the Navy and individual commands world-wide to recognize the unique contributions of an impor-

tant segment of the navy family. "Working closely with commanders and commanding officers throughout the Navy, these volunteers contribute directly to command readiness by fostering

communications and improving quality of life for Navy families," VADM. Mike Boorda, Chief of Naval Personnel, said.

An ombudsman is a Navy spouse, appointed by the commanding officer from volunteer spouses within the command, who serves as the official liaison between families and the commanding officer. The ombudsman plays an important role in establishing and maintaining good

communication between the families of sailors and the commanding officer.

"Many ombudsmen have full time jobs and families," noted Shirley Ross, BUPERS ombudsman program manager. "But they are always ready to help when other families, sailors or the commanding officer need help."

The ombudsman for the Naval Weapons Center is Vickie Watts, 446-7845, while Barbara Zeh,

446-7732, serves the men and women at Air Test and Evaluation Squadron Five.

"Ombudsmen are important members of the Navy team, complementing the work of our family service centers, chaplains and Navy-Marine Corps Relief offices," Boorda said. "Our ombudsmen do great work every day, and they were absolutely superb during Desert Shield and Desert Storm."

## NWCA seeking a freezer

Representatives of several service organizations and activities gathered last Tuesday evening at the Navy Wives Clubs of America (NWCA) clubhouse on Mitscher Street for a get-acquaintance coffee.

Morrow, patient contact representative for the Branch Medical Clinic, Ramona McIntyre, representing Navy Marine Corps Relief Society, Ens. Romelda Sadiarin, VX-5 legal representative, Elsa Ennen, NWCA member, Barbara Zeh, VX-5 ombudsman, Rena O'Neill, American Red Cross agent, Mickie Edge, Champus, Ross Davidson, fire prevention chief of the NWC Fire Division, and Cecelia Dorman, NWCA recording secretary.

The current goal of the local club is to establish a food bank for military families in times of need. The bank will be in operation, receiving donations of food from the commissary, as soon as it can get a freezer.

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Sept. 12, 1991

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## WEATHER

	Max	Min	Peak Gusts
Weds.	107	71	44
Thurs.	92	65	25
Fri	91	66	22
Sat.	96	60	13
Sun.	96	62	14
Mon.	89	68	30
Tues.	85	53	20

## Sept. 19 celebration salutes Capt. Allen

After 34 years of active duty service, Capt. Gene Allen, Chief Staff Officer at the Naval Weapons Center, is leaving the Navy. A retirement party will be held in his honor on Thursday, Sept. 19, at the Seafarer Club.

No-host cocktails will begin at 6 p.m., followed by presentations at 7:30 p.m. Heavy hors d'oeuvres will be served.

Tickets are available for \$10 per person and must be purchased by noon on Monday, Sept. 16. Tickets will not be sold at the door. Tickets may be purchased from Pat Tobola, Rm. 2024 NWC Headquarters Building, B.J. Jorgenson, Room 3201 in Hangar 3 or from Sandra Brown in the Main Lobby of Michelson Lab.

For gift contributions or presentations, call Tobola at NWC ext. 2211 or Electa Russell at NWC ext. 3214.

## DRMO plan sale of surplus goods

Local auction 41-1463 of surplus government property by the Defense Reutilization and Marketing Office (DRMO) is set Tuesday, Sept. 17. The auction starts at 9 a.m. in Bldg. 1073, Warehouse 41.

Inspection is from 7:30 a.m. to 2:30 p.m. Monday through Friday, starting today. A complete list of items and the terms and conditions of sale can be seen at Warehouse 41. Register at 7:30 a.m. day of the sale.

Since DRMO is within NWC's interior security fence, bidders without an NWC pass and those employees without regular access to the area must stop at the main gate visitor's center and obtain a pass before coming aboard. Visitors must have a photo I.D. and may be subject to a vehicle inspection.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 35, September 12, 1991

## Gulf War combat veterans receive medals, recognition from USMC

By Peggy Shoaf

Rocketeer Staff Writer

"This is a big day for the Marine Aviation Detachment," said Col. J.R. Agenbroad, Commanding Officer of the Marine Aviation Detachment, during a recent awards ceremony. "These awards are a reflection of the excellence you bring to China Lake."

During the ceremonies, four Persian Gulf War veterans were honored with Air Medals and Navy Commendation Medals for their achievements while attached to squadrons in the Third Marine Aircraft Wing, 1st Marine Expeditionary Force, Fleet Marine Force, Pacific. Two other Marines received promotions and one received a monetary award under the Beneficial Suggestion Program.

Marines recognized for their outstanding accomplishments during Operations Desert Shield/Desert Storm were Maj. Paul R. Bless, Maj. R. Cary Branch, Capt. Francis L. Kelley and Capt. Mark P. Stuckey.

Also, Pvt. Jose A. Escochea was meritoriously promoted to the rank of corporal and Cpl. Robert A. Baca received his sergeant stripes. Gunnery Sergeant Dan Boone became a little richer for the acceptance of his Beneficial Suggestion improving the bore sight technique in stabilization brackets for rocket launchers on the AH-1 Cobras.

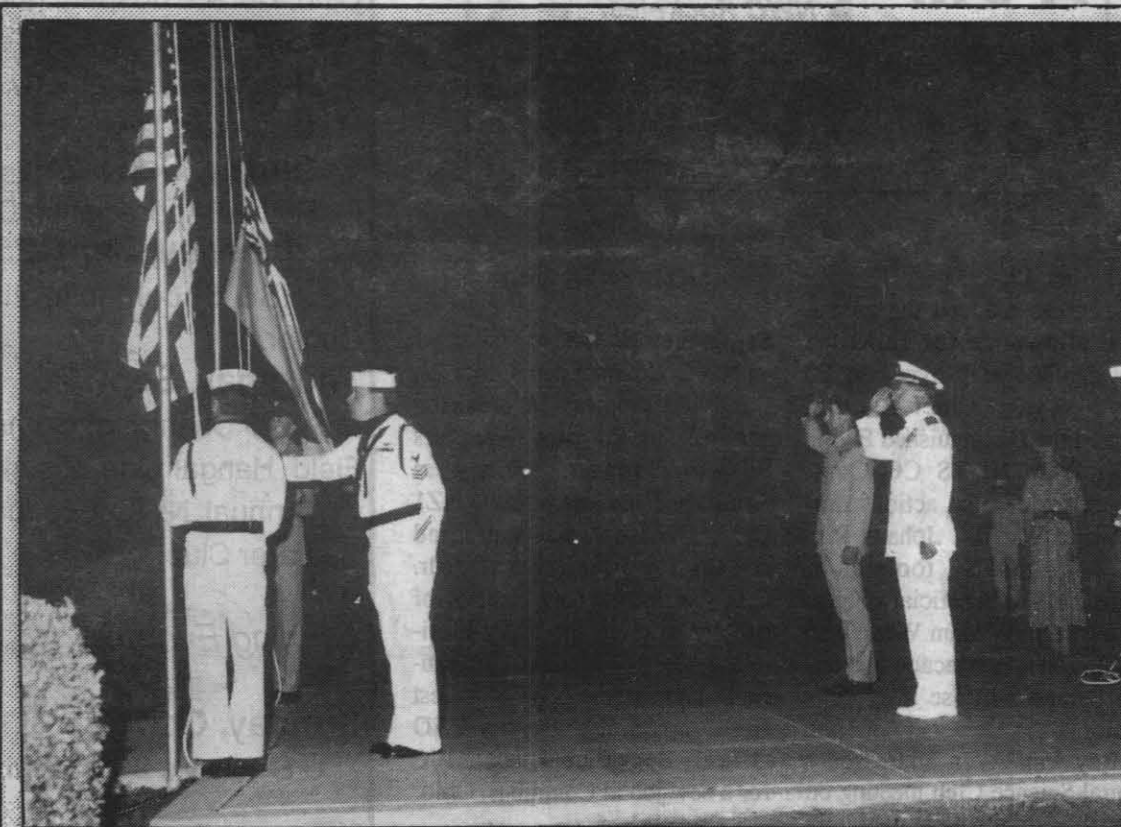
A project officer with VX-5, Maj. Bless was honored with an Air Medal (first through fourth strike/flight awards) and a Gold Star in lieu of a second Navy Commendation Medal

for his achievements during Operation Desert Storm while a captain with the Marine All Weather Fighter Attack Squadron 121, Marine Aircraft Group (MAG) 11.

Major Bless noted the Air Medal was for the number of flights he flew during the three months he was in the combat zone. The citation accompanying the award read, in part, "In the successful completion of these missions, Captain Bless contributed materially to the success of United States efforts in Southwest Asia."

The Gold Star was for heroic achievement in aerial flight on Feb. 16, noted the citation accompanying the award.

(Continued on Page 5)



**RAF SALUTE**--Color guards from the Naval Weapons Center and No. 32 Joint Trials Unit Royal Air Force, lower the colors as part of the RAF's Battle of Britain celebration. Capt. Douglas W. Cook, NWC Commander, and Wing Commander Mike Russell, commanding officer of No. 32 JTW, salute the colors. This was the last such celebration held by the RAF at China Lake. The unit departs for the United Kingdom in the near future. Photo by Tim Tyson, TID

## TD Award: Richard Fryer earns key NWC honor for efforts in embedded computers

Richard Fryer's 27 years at China Lake brought him respect and recognition from his peers, from national and international groups and now, the Naval Weapons Center's Technical Director's Award for outstanding technical accomplishment.

Now a consultant for the Aircraft Weapons Integration Department's Systems Engineering Division, Fryer was given the surprise honor recently by Bill Porter, NWC Technical Director. Milt Burford, his department head, nominated Fryer, saying this was, among other

things, in recognition of vast contributions to development, test and evaluation of embedded computers for aircraft and missiles.

In accepting the special wood block emblematic of the TD Award, Fryer said, "This is an award to aspire to. I've admired them from afar for many years." He added the honor came as a surprise and it was a very meaningful event.

Porter told Fryer, and his co-workers he was very pleased to make the presentation and deeply appreciated the in-depth technical

knowledge and leadership provided by Fryer throughout his NWC career. Also on hand to add their congratulations were Sterling Haaland, NWC laboratory director, Burford and Ed Kutchma, former head of the Aircraft Weapons Integration Department.

Included in a long list of accomplishments for the newest TD Award winner are:  
• Establishment of the High-Speed Anti-Radiation Missile (HARM) Software Support Activity at NWC.

(Continued on Page 6)



# Commentary

## NWC Rocketeer

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**The Skipper Sez...**

The Skipper Sez... program is designed to answer questions by China Lakers addressed to the Commander of the Naval Weapons Center. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. While the answers to these questions are usually researched by someone appointed by the Commander, he does review all answers before publication. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary.

**Pages from the Past**



### September 12, 1951

Congress reduced the annual leave allowance for full-time civil service employees to 20 days a year. . . Chief Axelrod received the Distinguished Flying Cross from NOTS CO Capt. Vieweg for combat actions during World War II. . . Johann Rinert, a NOTS toolmaker, received a \$10 beneficial suggestion award. . . William White won the Station's first academic fellowship and will use it to study physics at the University of Utah. . . Ray Van Aken addressed a Natural Science Club meeting on the topic of climbing in the Sierra Mountain Range.

### September 9, 1966

Jerry Whitnack is the NOTS leader in new field of seawater analysis through the technique of polarography. . . USS Butternut (AN-9) celebrated 25 years with the fleet; the ship is assigned to support NOTS weapon evaluations. . . Art Neely is the new greens superintendent at the China Lake Golf Course. . . LCdr. Walter Petersen arrived as an air-to-surface weapons officer with Code 40. . . Scouts and leaders from IWW Explorer Post 291 "ran the rapids" on Oregon's

Rogue River earlier this year.

### September 11, 1981

NWC Commander, Capt. J.J. Lahr, led the way in breaking ground for the new Weapons System Support Facility at Armitage Field last week. . . AZ1 Craig Wilson was selected NWC's top Bluejacket. . . Cdr. C.E. Gartrell, deputy director of supply, received the Navy Meritorious Service Medal. . . Lt. Laurie Balagurichik is NWC's newest flight surgeon. . . Deputy EEO Officer, Beto Bernal, left NWC for a new job in Columbus, Ohio.

### September 12, 1986

Construction is well underway at the Coso Geothermal Site according to BUCS B. J. Harger of the Geothermal Program Office. . . Jim Shur's efforts on the Sparrow missile project brought him the NWC Technical Director's Award. . . Three sailors from VX-5 are moving to new assignments-- members of the Blue Angels maintenance team. . . Beth Perrine became the first China Lake employee to get a Commander's Award from the Center's new Skipper, Capt. John Burt.

## China Lake Calendar

Friday, Sept. 13

... Comedy Night at the Seafarer Club

Saturday, Sept. 14

... POW/MIA Day observance, 9 a.m., NWC Headquarters Building., Capt. Cook guest speaker.

Monday-Friday, Sept. 16-20

... NMCRS Volunteer Training Class, 9 a.m., 1811 Lautitsen.

Tuesday, Sept. 17

... DRMO Surplus Property Auction, 9 a.m., Warehouse 41.

Wednesday, Sept. 18

... IEEE luncheon meeting, 11:30 a.m. Seafarer Club, Horace Joseph, guest speaker.

Friday, Sept. 20

... Retirement ceremony, Capt. K.E. Allen, 10 a.m., Headquarters lawn.

Saturday, Sept. 21

... Retiree Appreciation Day, Edwards AFB

Wednesday, Sept. 25

... ESB Shoemobile visits the Naval Weapons Center.

Thursday, Sept. 26

... VX-5 Change of Command ceremony, Armitage Field, Hangar One, 2 p.m.

... Annual NWC Graduation Luncheon, 11 a.m., Seafarer Club.

### Coming Events

Sunday, Oct. 13

... U.S. Navy's 216th Birthday.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

## New coin salutes USO birthday

Celebrating its many years of entertaining American troops at home and abroad, the United Service Organizations (USO) has minted a USO 50th Anniversary Commemorative Silver Dollar. This United States Mint legal tender coin is now on sale. A proof is \$31, while an uncirculated coin is \$26.

One half of a \$7 surcharge, included in the price of each coin, will go to the USO to fund the organization's many programs for the United States military. The remainder of the surcharges go to the U.S. Treasury to help reduce the national debt. To order, call (800) USA-4-USO, ext. 223, or write to the Customer Service Center, United States Mint, 10001 Aerospace Drive, Lanham, Maryland 20706.

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### 35 AUTOMOTIVE

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FOR SALE - 1983 Ford Full Size Van. V6, AM/FM/CASS. \$8,000 OBO. 446-6138 after 3:30, lv. msg.

FOR SALE - Short bed truck bed liner. Cost \$200. Asking \$100 OBO. Call Base Commensary, ask for Chuck.

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World Progress Encyclopedias, \$200. Jenny Lynn baby crib, \$50. 3 cockatiels w/cage, \$75. Shephard/husky, 1-1/2 yrs., free. 446-7666 after 3 p.m.

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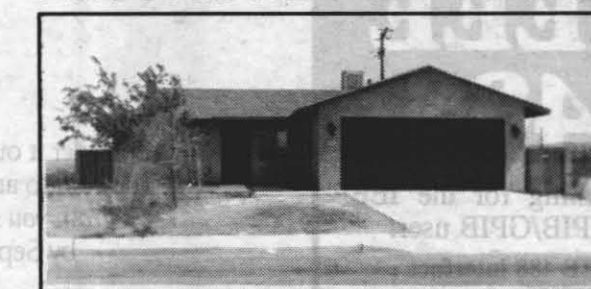


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# Wild West Extravaganza springs into action

During the weekend of Sept. 27-29, the past will come alive when the Wild West Extravaganza springs into action at Ridgecrest's Kern Regional Park. This extravaganza, coordinated by the Ridgecrest Chamber of Commerce and Maturango Museum, combines three complete events - the 14th annual Maturango Junction, the Southwest Bluegrass Association's Kern Region-

al Jam Festival and Western Heritage Mining Day.

The fun begins Friday evening with an Indian pow wow, barbecue and the start of a weekend of bluegrass jammin' for all ages.

Saturday includes the Maturango Museum's traditional Junction activities -- food, games, entertainment, arts and crafts booths, mining displays and

booths, "old tyme" melodramas, storytelling, a clogging workshop



and a bluegrass scramble. The day ends with the museum's Taste of the Indian Wells Valley, where guests sample various dishes from restaurants throughout the valley.

Sunday is Western Heritage Mining Day and a variety of tours to historic and active mines and the Coso Geothermal plant will be available. Other activities

include a gospel hour, mining displays, family games, a bluegrass contest, melodramas, a bed race, western stunt show, a deep-pit barbecue and clogging demonstrations.

A complete copy of the weekend's activities can be picked up at the Ridgecrest Chamber of Commerce office, 301 S. China Lake Blvd.

## Petroglyph tours offered

Spaces are still available for the Maturango Museum's petroglyph tours. The trips planned are on selected weekends in September and November.

Cost is free for museum members and \$10 for non-members.

For reservation or more information, call 375-6900.

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# Military News

## New Marine XO led first AV-8Bs into Storm combat

By Barry McDonald  
Rocketeer Staff Writer

Within hours of the first Desert Storm airstrikes on Iraqi targets, "Stump" Branch, leading a flight of four Marine AV-8B Harriers, knocked out the artillery site inside Kuwait that had been shelling the small Saudi Arabian oil storage village of Khafji. Maj. R. Cary Branch, new executive officer of the Marine Aviation Detachment (MAD) at China Lake, said, "It was the first time I'd ever flown against a live target. It was very challenging. We came in off the water and hit 'em with 1,000-pound HE Mark 83s and our 25-millimeter guns."

That strike was notable, not just because it was Maj. Branch's first combat mission, but because it was the first time American pilots had flown the "B" version of the AV-8 into combat. "There were some other pretty memorable hops, but that was one of the most significant," the XO said.

Among other memorable missions were those which began three days before the start of the ground war, bombing enemy

troops to prepare the battlefield for the ground assault.

"And of course the close-air support after the ground war had begun was very significant, because that was Marines in the air supporting Marines on the ground...that's our whole reason for existing," said the Harrier pilot.

In all Maj. Branch flew 44 missions during his eight months in the Gulf, for which he recently received the Air Medal with four awards. (See MAD awards story, Page 1.)

Then-XO of VMA-311 at Marine Corps Air Station (MCAAS) Yuma, Ariz., Maj. Branch and the

squadron had just 13-days notice before leaving for Saudi Arabia on Aug. 15, 1990. They were the most forward based squadron of fixed wing aircraft in the Gulf, but their location never came under fire. "We were more con-

cerned about terrorist attacks and took strong perimeter security measures to prevent that," he told the *Rocketeer*.

Returning to MCAS, Yuma in May, Maj. Branch took some time off before reporting to the XO post here on June 24.

Before graduating with a bachelor's degree in geography from California State University, Fullerton, in 1975, having flown Cessna 150s, Cary

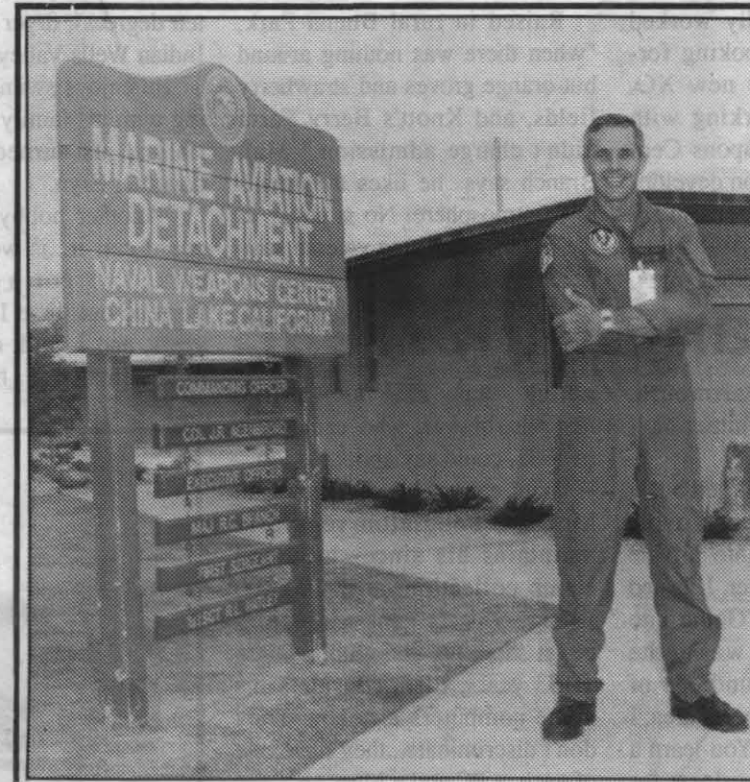
Branch knew he wanted a flying job. He looked to the military for that opportunity, and in March, after a lot of tests, he got an "air guarantee" offer from the Marine Corps. He started officers candidate school the

next fall and then flight training.

Receiving his Navy wings in Dec. 1976, he landed for his first tour at Yuma for A-4M Skyhawk training with replacement air squadron VMAT-102 in Jan. 77. Late that year he transferred to the "Black Sheep," fleet gun squadron, VMA-214, at MCAS, El Toro, where he advanced to captain. In addition to flying he worked in logistics and in operations, writing flight schedules.

October 1982 found Stump Branch back at Yuma in VMAT-102; this time as an A-4 instructor. Three years later he took a non-flying job as forward flight controller for the 3rd Battalion, 5th Marines at Camp Pendleton. That lasted for just one year before he got back into flying A-4s and served as administrative officer for Marine Air Group 13, again in Yuma, where he earned the rank of major in June 1987.

With the phasing out of the Skyhawk, Maj. Branch went to MCAS, Cherry Pt., N.C. where, like 95 percent of all Skyhawk pilots, he underwent transition training to the Harrier. (Continued on Page 4)



Maj. Cary "Stump" Branch

From the better-late-than-never file

## Pendleton named state ROA Man-of-the-Year

It was a big deal. Capt. Bob Pendleton, USCGR (Ret.), an operations research analyst in the Intercept Weapons Department, was running for national president of the Reserve Officers Association (ROA). The *Rocketeer* missed pre-election coverage of that story.

He lost. But he says he made a very good showing against a Navy Reserve captain from Michigan.

A "Pendleton For ROA National President" campaign flier received at the *Rocketeer* some time ago was a front-page copy of the *California Sentinel*, ROA California Department newsletter, featuring Pendleton's being named California Man of the Year. While the distinction was made in April, and the *Rocketeer* is even later on this one, the paper wants to tell the story of this mild-mannered doctor of mathematics...and attorney.

When he received the award

from then-President Col. Alfred M. Diaz at the Department Convention, Pendleton was national vice president, Navy. Other offices leading to his national candidacy include national executive committeeman, chairman of the National Coast Guard Affairs Committee, Navy membership chairman, department president, vice president, second vice president, judge advocate and membership director, and chapter president.

The Mojave Desert Chapter, which was founded by Pendleton in 1982 with 23 members, has grown to more than 140 members and has twice won the President's Cup as the best of California's 41 chapters.

He authored the 60-page policy and procedure manual for California Department activities; organized a 1989 phone campaign to delinquent and lapsed members and to members from other departments living in Cali-

fornia, which netted an additional 200 members for California; and has twice been honored as the outstanding member of the Department with the President's Plaque.

During his 23 years in the Coast Guard Selected Reserve, Pendleton held three commands, attended nine service schools and served on several boards. He holds the Coast Guard Commendation Medal and two commandant's letters of commendation.

Still a big promoter of the reserves, Pendleton said, "Many people don't realize what a terrific second income it is, plus it gives you the opportunity to serve the country."

After mentioning that quite a number of China Lake reservists had been called up during Desert Shield/Storm, he said, "I wish I could have served, but they need 01s and 02s...they've already got plenty of captains!"

"Here's my favorite reservist,"

he said, snatching a framed photo from his Mich Lab window ledge. It shows President George Bush wearing a military jacket, Navy wings over the standard name

tag: "George Bush, Lt., USNR."

Beaming as he proffered another specially glass-mounted item, he said with pride, "Meeting (Continued on Page 4)"



MAN OF THE YEAR - ROA California Department honored Capt. Bob Pendleton, USCGR (Ret.) with this award in April, and he recently lost a close race for national president.



## LCdr. Al McDonald hits the road again

It was beginning to look as if the well-wishers in the Skipper's office last Tuesday afternoon would be the ones to be surprised when departing Staff Judge Advocate, LCdr. Al McDonald finally arrived. The occasion was indeed a surprise to LCdr. McDonald as he was presented the Navy Commendation Medal

by Capt. Douglas W. Cook, NWC Commander.

With the JAG's wife, Bobi, fellow officers and civilian personnel from the legal office looking on, Capt. Cook read the citation from Adm. F.B. Kelso, II, Chief of Naval Operations. The CNO recognized LCdr. McDonald for meritorious service at

China Lake from May 1987 to July 1991.

"Displaying exceptional skill and resourcefulness, (LCdr. McDonald) significantly simplified and reduced processing time for claims against the government, while successfully mitigating petitions which saved the

government thousands of dollars," the Skipper read.

The citation noted the JAG was able to upgrade legal services while undergoing a reduction in staffing.

After the official reading, Capt. Cook personally thanked LCdr. McDonald, "...for keeping me out of jail..." He said, in addition to the accomplishments noted in the citation, "Al's office has helped our Navy and Marine

people with a number of legal services, such as tax problems and wills. These services were very much appreciated."

Gesturing to the back of the room LCdr. McDonald said a lot of the thanks should go to his office staff, Teri Olson, Jackie Warren and Carol Lefebvre.

The McDonalds are headed for Gulf Port, Miss., where the lieutenant commander will (Continued on Page 5)

## 'Stump' Branch reports as new Marine XO

(Continued from Page 3)

Returning to Yuma as the operations officer of VMA-311 in June 1988, he became XO of the squadron five months before its deployment to Desert Storm.

"Being here in a test and evaluation squadron is an entirely different world than being in the

fleet...I've never really worked with civilians...I'm looking forward to it," said the new XO. "We're currently working with the NWC (Naval Weapons Center) side of the house on developing the OMNI-7 operational flight program for the AV-8B. It's challenging and rewarding."

Raised in rural Buena Park, "when there was nothing around but orange groves and strawberry fields, and Knott's Berry Farm didn't charge admission," Maj. Branch says he likes the small-town atmosphere. No stranger to the desert, the Yuma veteran says he enjoys the "cooler" (eight to

ten degrees), dryer climate of the Indian Wells Valley.

He enjoys swimming and biking with his family -- wife Victoria and just-turned ten-year-old daughter Eryn.

"Another 'hobby' ...I guess you could call it...is working on old cars. I've got a 30-year old Porsche out there I've had for 20 years, and I work on it," he said gesturing out his window.

Pressed for more information about the car, he said, "Well... it's a '62 Porsche 356B, but you're not going to put the stuff about the car in the story are you?" The modesty with which he asked the question was genuine as he tried to play down that there was anything special about the cherry, immaculately restored, deep red little bullet that sat gleaming at the curb.

## California ROA Man-of-the-Year

(Continued from Page 3)

him was the highlight of my reserve career." This was the front page of the ROA national magazine showing Bush flanked by Pendleton and other national officers at a November 90 visit to the White House. "We sat and talked with him for 10 or 15 minutes," he said as he returned the treasure to its place. Then nearly under his breath and with affection, "I just love him."

Pendleton received an A.B. from Oberlin College in 1958 and his Ph.D. from Indiana in 1964, both in mathematics.

He taught at Dartmouth, M.I.T., L.S.U., and Whittier College.

Then, in 1977, he earned a law degree cum laude from Loyola University and went into private civil practice in Whittier. It lasted three years. He said, "Going into it in Whittier was the problem...with the hundreds of lawyers in the Los Angeles area, I got lost in the crowd. You learn a lot when you go into business for yourself...makes you appreciate working for somebody else!"

"I've got the best job at the Naval Weapons Center," he said

which was all the retired reservist/lawyer, who came here in 1981, could say about his job.

With everything else going in his life, Pendleton regularly maintains his since-childhood stamp collection, now 100,000 strong, collects guns and enjoys target shooting, and with his wife of 33 years, Elsa, considers his home computers a hobby. They don't discriminate...they have one of each, a PC and a Mac.

They also have two sons, Bryan of Alameda and Phillip of Santa Cruz, and two grandchildren.

formula written in Aramaic which asks that all vows that we cannot fulfill be considered null and void. Legend says this prayer originates from Jews in Spain who were forced to make vows renouncing their Judaism. This is a very haunting and beautiful melody which sets the tone of solemnity and human fallibility.

We do not eat or drink on Yom Kippur. Traditionally, even water is forbidden. The day is spent in prayer, repentance and remembrance. There are communal confessions that are recited throughout the day, for we seek forgiveness for both individual and communal sins. On this day, we remember the martyrs of our people and our own beloved dead. We also hear again the sound of the "shofar," the ram's horn. With sundown comes the "Ne'ila Service," the "Closing of the Gates." We pray that our prayers and our sincere repentance have been heard and then we break our twenty-five hour fast. At the end of Yom Kippur, Jews feel cleansed and purified at the beginning of our new year.

Services will be held for "Kol Nidre" on Tuesday, Sept. 17, at 7 p.m. in the All Faith Chapel East Wing. On Wednesday, Sept. 18, the following services will be held in the East Wing: morning service, 10 a.m.; children's service, 1:30-1:50 p.m.; afternoon service, 4:30 p.m.; Yizkor service, 6 p.m.; concluding service to follow. Community dairy breakfast at 7 p.m., or thereabouts.

By Lisa L. Goldstein  
Former Student Rabbi



## Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1002 Blandy)	1 p.m. (DST) 12 p.m.(ST)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:15 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	
Scripture Classes, Tuesdays (October-January)	
St. Ann's Parish Hall	7-8:30 p.m.
Jewish	
(375-0385 Messages)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) (September thru June)	3:00-5:00 p.m.
Religious Education (Sunday, East Wing) (September thru June)	9:00 a.m.-12 (noon)
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### Yom Kippur

Without doubt, Yom Kippur is the holiest day of the Jewish Calendar. Yom Kippur, which is observed this year from sundown on Sept. 17 to sundown on Sept. 18, means literally the "Day of Atonement." This is the day on which Jews all over the world are absolved of the sins of the past year.

Yom Kippur is more than a single day; it is a process. The month of Elul, which precedes Rosh Hashanah, the Jewish New Year, is designated as the time to begin introspection, and this self-examination becomes the focus of the ten day period between Rosh Hashanah and Yom Kippur. During these ten days, which are known as the ten days of turning or returning - inwardly to God and to one another - we ask the people around us for forgiveness for anything we may have done to hurt them. This is a time of remembrance and many people visit family graves as well.

Yom Kippur begins in the evening with the singing of "Kol Nidre" (All Vows). This is a legal

# Community events

## What's happening around China Lake

*Ridgecrest Exposed* can be viewed in the Sylvia Winslow Exhibition Gallery of the Maturango Museum beginning Sept. 14. Artists Dolph Amster, John Dunker, Mark Pahuta and Linda Sappington will show their own unique vision and interpretation of Ridgecrest as seen through the eyes of a camera. A reception for museum members and the artists will be held Sept. 13 from 7 to 9 p.m. The show ends Oct. 9.

###

*Horseshoeing* is the back to school kick-off event for the Maturango Museum's Saturday Adventure. Jimmy Lane, local horseshoer, will demonstrate the age-old art of horseshoeing outside the museum on Saturday, Sept. 14, at 2 p.m. Cost is \$1 per adult and 50 cents per child for people not belonging to the Maturango Museum. For more information, call 375-6900.

###

Chorus rehearsals for the Christmas portion of the *Messiah* will be held at the Grace Lutheran Church, 502 N. Norma, starting Sept. 15 at 3 p.m. Solo try-outs are set for 3 p.m. on Sept. 29. Performances will be held Dec. 8 and 9. Anyone interested in participating should call Bess McDowell at 375-1540.

###

On Monday, Sept. 16, staff from the Maturango Museum will host a "Welcome Coffee" from 10 a.m. to 12 noon to welcome newcomers to the museum (100 E. Las Flores). Docents and other museum affiliates will be on hand to answer questions about the museum and its many activities. Take advantage of this free offer, meet new friends and learn more about the Maturango Museum!

###

Community Connection for Child Care presents a series of parenting tapes over the phone throughout the year. Developed by Resources for Family Development, the tape for the week of Sept. 16-23 is *Too Much To Do*. This 3-4 minute tape explains how to organize tasks to get it all done. Tapes can be heard from 5 p.m. to 10 a.m. by calling 375-0446.

###

On Sunday, Sept. 22, the Maturango Museum will have a tour of the Cerro Gordo Mine area in the Inyo Mountains above Keeler. Because the road is rugged, 4-wheel drive is strongly recommended. Carpooling is possible, so call the museum if you need or can give a ride. Be sure to bring water, lunch, hiking shoes and a jacket (it gets cool at 8,500 feet). The group will meet at the museum at 8:45 a.m. for map distribution and other information. For reservations to go on the trip, call 375-6900.

###

On Saturday, Sept. 28, the Maturango Museum is hosting *The Taste of Indian Wells Valley* at the Kerr-McGee Center from 5:30 to 9 p.m. Sample the cuisine of about 20 area restaurants on the evening of Maturango Junction, plus receive a complimentary drink. Door prizes for free meals will be awarded throughout the evening. Live entertainment from Stony Creek Bluegrass Band, the Ken Robinson Dixieland Band and Cross Current will be provided. Discounted tickets, sold until Sept. 20, will be \$12.50 for adults and \$8.50 for children (6 to 12 years of age). Regular prices will be \$15 for adults and \$10 for children. Tickets are on sale at the museum, the Flower Shoppe and the Ridgecrest Chamber of Commerce. For more information, call 375-6900.

###

Entry forms for the Maturango Museum's annual open art show are now available. Because this show is open only for museum members, membership applications are also available. Artwork will not be limited to any particular theme, but must be original in design and execution by the artist. For more information, call the museum at 375-6900.

## Historical Society meets Tuesday

During the Historical Society meeting on Sept. 17, a video of an interview with 93-year-old Ken Wortley, a man who came to the Indian Wells Valley in 1919 to homestead land, will be shown. The

meeting is set for 7:30 p.m. at the Maturango Museum. Wortley's brother, Chester, led pack trains from 1920 to 1950. The public is invited to come and share these memories with the Historical Society.

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North Edwards, Olancho, Onyx, Panamint Springs, Randsburg, Red Mountain, Ridgecrest, South Lake, Weldon, and Wofford Heights.

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# Training opportunities available at NWC

## Stretching for Working America

Self-study, book. By Bob Anderson and Sally Carlson.

Scope: Everyone can learn to stretch, regardless of age or flexibility. You do not need to be in top physical condition or have specific athletic skills. Whether you sit at a desk all day, dig ditches, do housework, stand in an assembly line, drive a truck or exercise regularly, the same techniques of stretching apply. Those techniques are described in this book, so if you are healthy, without any specific physical problems, you can learn how to stretch safely and enjoyably.

## We Live Too Short

And Die Too Long

Self-study, book. By Walter M. Bortz II, M.D.

Scope: This book explodes our misconceptions about aging and the capabilities of the human mind and body to continue an independent, energetic existence. Dr. Bortz sets out the essential, controllable elements of longevity and spells out effective, dynamic strategies to help you prevent premature death and add decades of active, satisfying life. What he provides is not a pill or a vitamin, but a simple list of eight directives that will determine the quality and quantity of your remaining years. The premise of this work is that centenarians are simply living the healthy, active, natural life span the human body was designed to achieve: one million hours, or 120 years.

## The Adult Children of Alcoholics Syndrome

Scope: Not only is the experience of familial alcoholism described for children and adults, the solution for beginning a personal recovery process is outlined in Kritsberg's Family Integration System. The foundations for healing the wounds of an alcoholic-influenced childhood are laid in this important work. (An audiocassette summarizing the major points addressed in this book is also available.)

## Learned Optimism

Self-study, book. By Martin E.P. Seligman, Ph.D.

Scope: Explanatory style is Dr. Seligman's term for the manner, learned in childhood and adolescence, in which we explain our setbacks to ourselves. For some of us, the automatic response to a setback is, "It's me;

it's going to last forever; it's going to undermine everything I do." But others are able to say and believe, "It was just circumstances; it's going away quickly, and besides, there is much more in life." Learned Optimism shows us how to stop automatically assuming guilt; how to get out of the habit of seeing the direst possible implications in every setback; how to be optimistic. Happily, a negative explanatory style can be changed into a positive one. There is now scientific evidence that optimism is vitally important in overcoming defeat, promoting achievement and maintaining or improving health. Dr. Seligman, an expert on motivation, offers a program of specific exercises to help us break the habit of pessimism and learn the habit of optimism. The result is a book of help and hope for all of us and our children.

## Speed Is Life:

Get Fast or Go Broke

Self-study, video.

Scope: In this exciting new video, Tom Peters takes you behind the scenes at four time-obsessed companies that are redefining entire industries while boosting profits and market share. Witness the revolution of Titeflex, a high-performance, flexible hose maker where teamwork and trust brought turnaround time down from four weeks to one day. Ingersoll-Rand, a tool manufacturer that slashed new product

development from four years to one year and tripled market share. Cable News Network, the 24-hour news network that makes the same decisions in seconds that takes a competing station months to make. Union Pacific Railroad, where six layers of hierarchy were eliminated in 120 days and on-time delivery improved from 40 to 60-99 percent. Viewers go behind the scenes at these time-obsessed companies and hear Peters lecture about a critical component for competing in the 90s.

## Fuzzy Logic: Applications and Perspectives

Scope: This course will develop the mechanics of fuzzy theory and the most current fuzzy applications in factory control, robotics, process control, management decision making, VLSI design and other fields that have recently appeared in Japan and elsewhere. Distinction from probability will be stressed.

## Neural Network Applications IEEE Videoconference.

In these two videos, you will hear Dr. Dan Hammerstrom talk about plans to build digital VLSI circuitry, design considerations, examples of designs, why they were chosen and future plans. Larry Jackel from AT&T Bell Laboratories will talk about current applications, theoretical basis for applications, current neural network applications and review kinds of problems appropriate for

this technology. James A. Anderson will cover the need for large networks as well as architectures-

for networks.

For more information, call NWC ext. 2451.

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## Marine combat vets receive medals

(Continued from Page 1)

"While performing his duties during a night Fast Forward Air Controller mission, Maj. Bless located and directed the destruction of an 18-piece battery of seapropelled artillery of the Iraqi Fifth Armored Division by expertly coordinating and controlling the firepower of 12 F/A-18 strike aircraft." The citation continues, "His coolness and professionalism in locating and marking the enemy artillery position at night while under intense ground fire resulted in the complete elimination of this serious threat to advancing United States Marine and coalition forces. His actions demonstrated superb weapon system employment, remarkable flying skills and fighting prowess in a most hostile night combat environment."



Maj Paul Bless

Major Bless attributed the success of the mission to the night vision goggles and the forward looking infra-red radar (FLIR) used during the Persian Gulf War. Both devices have been extensively tested at the Naval Weapons Center.

A member of the United States Marine Corps for the past twelve and a half years, Maj. Bless lives on-Center with his wife, Francine.

Major Branch, the Marine Aviation Detachment's new executive officer and deputy for test and evaluation at NWC, received the Air Medal (first through fourth strike/flight awards) for his achievements in Operation Desert

Storm as a pilot in the Marine Attack Squadron 311, MAG 13 Forward.

According to the major, he was with the first Marine fixed



Maj. Cary Branch

wing squadron in the vicinity and flew a total of 44 combat missions.

"In the successful completion of these missions, Maj. Branch contributed materially to the success of United States' efforts in Southwest Asia," noted the citation accompanying the award.

A Marine for the past 16 years, Maj. Branch lives on-Center with his wife, Victoria, their daughter, Eryn. (For more information, see "New Marine XO..." Page 3.)

A test pilot at NWC's F/A-18 Weapons Systems Support Activity (WSSA), Capt. Stuckey was honored with the Navy Commendation Medal for his "heroic achievement in aerial flight on January 28, 1991," while a pilot in Marine Flight Attack Squadron 212, MAG 11.



Capt. Mark Stuckey

"On the afternoon of January 28, 1991, Captain Stuckey was a member of an 18-aircraft strike mission which attacked an enemy

supply depot near Al Rawdatyn, Kuwait," reads the citation accompanying the award. "He was intimately involved in the planning for this mission and his specialized knowledge and skills were essential to the mission, in which a novel and untested ordnance delivery was to be used. The target area was heavily defended, but despite heavy enemy anti-aircraft fire, he pressed home his attack and with great skill, delivered his ordnance, successfully destroying the target."

"Basically, all I did was to program the software to trick our aircraft, telling it could do something its computer said it couldn't do," the pilot said.

Captain Stuckey, a Marine for the past 11 years, lives on-Center with his wife, Joan, and their three children, Sasha, Lauren and Dillon.



Capt. Francis Kelley

Currently an operational test director with VX-5, Capt. Kelley received an Air Medal (first through third strike/flight awards) for his achievements in aerial flight as an electronic countermeasures officer in Marine Tactical Electronic Warfare Squadron 2, MAG 11 while participating in Operation Desert Storm.

"We were one of the first squadrons over there and were heavily involved in the planning of the air strikes," Capt. Kelley said. "Technically, we blind the enemy electronically so they can't see the strikers who are following

us. We're their guardian angels."

Another important aspect of these missions, noted Capt. Kelley, was this was the first time Marines fired NWC-tested High-Speed Anti-Radiation Missiles (HARMS).

Capt. Kelley, who was com-

## JAG leaves with gold star

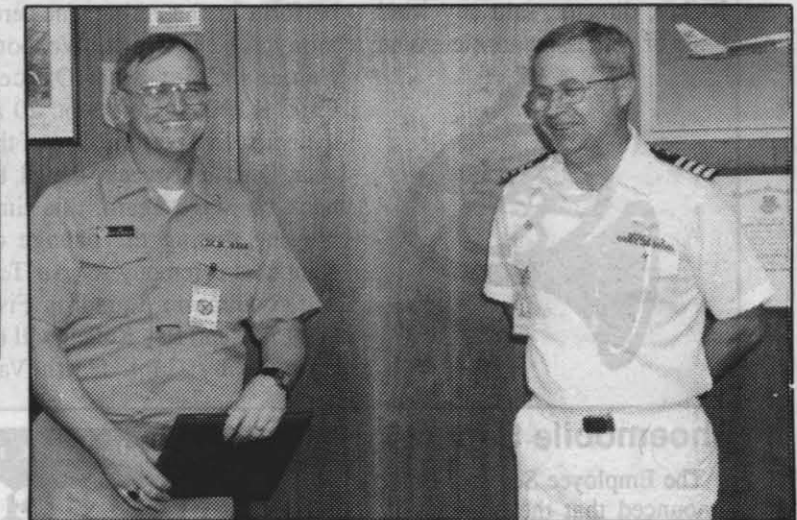
(Continued from Page 4)

assume the post of officer in charge of the naval legal service office at the Naval Construction Battalion Center.

Asked why a lawyer would want to join the Navy instead of chasing the big money, LCdr. McDonald said, "My parents were migrant workers and I'm the only one in my family to graduate high school, let alone college and law school. My Navy pay is more than I ever expected to make."

"When I got out of law school, I worked for four years as a deputy county attorney in Arizona and I was starting to feel the sand reach up and grab me. I thought there must be a way for someone to practice law and move around every three or four years," he told the *Rocketeer*.

So he joined the Navy at 34, having already done a two-year tour with the Army before college. And now, after four years here, he's on the move again.



"KEPT ME OUT OF JAIL" -- LCdr. Al McDonald and NWC Commander, Capt. Douglas W. Cook chuckle at the Skipper's personal thanks. The JAG, who received a gold star in lieu of a third award of the Navy Commendation Medal, said he'd saved the government money by paying claims only when the Government was responsible and paying quickly when he did. He's also responsible, via a MIPI, for reducing the processing of sonic boom claims from three months to four days and saving \$4,500 on each.

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# NWC's TD Award presented Richard Fryer

(Continued from Page 1)

- Development of a multi-computer HARM integration/test facility.
- Furthering the use of software cost estimation at NWC.
- Using computer configuration management.
- Improving software reliability estimation technology at China Lake.
- Developing new non-intrusive, real-time test methods for embedded computer applications.
- Developing a software validation and control monitoring sys-

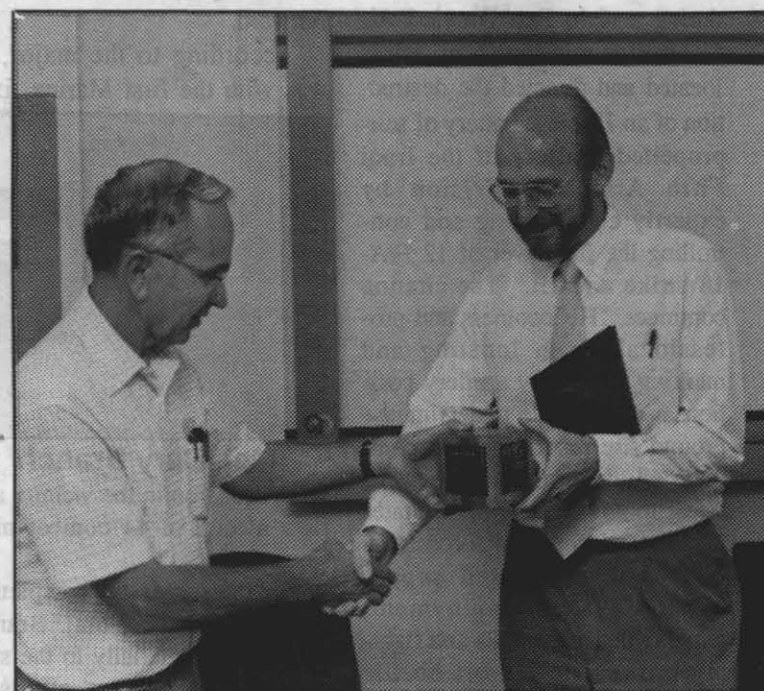
tem in use for the past 10 years in A-6 and A-7 facilities at NWC.

Recent efforts have focused on Fryer's role as a key member of the Joint Integration Avionics Working Group (JIAWG). According to the nomination letter, this group has "benefitted from his expertise regarding common computer architecture for DoD's next generation aircraft, particularly in the areas of high-speed data buses and system monitoring and debugging.

Fryer has always been willing to share his expertise and knowl-

edge with others. He has instructed numerous courses at NWC on topics such as embedded computing technology, computer graphics and visualization, and programming classes in FORTRAN, C and Assembly languages. He has done other computer instruction for the Naval Weapons Center in the areas of computer aided design, spreadsheets and desktop publishing.

Burford concluded the letter, noting Fryer has brought national and international recognition and respect to his community.



**TD AWARD WINNER--** Richard Fryer is pleased to received the TD Award from NWC's Technical Director, Bill Porter. Fryer is the latest China Laker to win this coveted form of recognition. Photo by PH3 Cary Brady

## Pay education bills with bonds

In the year 2006, a single year of college education could cost as much as \$37,000. Will your checkbook be able to stand such a burden? Start your child's education fund now through the U.S. Savings Bond payroll savings plan. Check with your bond program representative for information of the new Education Bonds Program applicable to bonds purchased after January 1, 1990.

## Urgent need for volunteer band

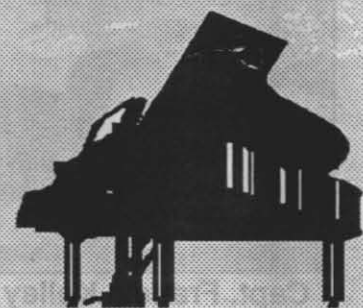
Volunteer musicians are urgently needed for the China Lake All-Volunteer Band. Stan Ricker, director, said any wind, brass or percussion musicians are

welcome as members of the band.

The All-Volunteer Band will perform at the retirement ceremony for the Naval Weapons Center's Chief Staff Officer, Capt. K.E. Allen on Sept. 20 as their first live performance of the year. The next week, they'll be back on stage again, this time playing during the change of command ceremony for Air Test and Evaluation Squadron Five (VX-5). Capt. Ray Kellett will be relieved by Capt. Garth Van

Sickle on Sept. 26 at 2 p.m.

Rehearsals started Sept. 10 in the Station Theatre. Anyone interested in lending a hand can call Ricker at NWC ext. 3508.



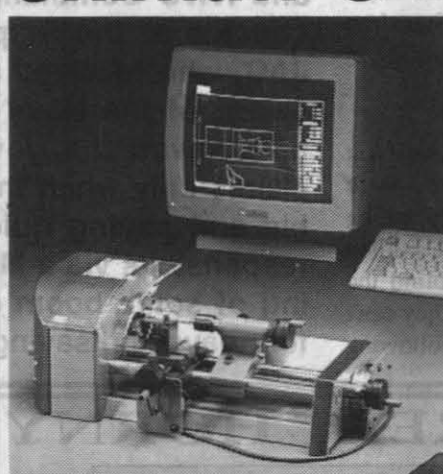
## Shoemobile Sept. 25

The Employee Services Board announced that the Shoemobile will be on Center Wednesday, September 25, from 7:30 to 9:00 a.m. It will be in the parking lot of Building 01474 (Maintenance Utilities Division, Public Works Compound) near the intersection on Inyokern and Knox roads. Civilians and military personnel may purchase safety shoes.

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# Co-workers could use helping hand

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should call NWC ext. 2018.

**Victoria Wintjet, Contract Specialist, Code 2622 --** underwent surgery and is in need of leave.

**Timothy Dawson, Pre-Journeymen, Code 3644 --** is indebted for leave due to throat surgery.

**Anita Becker, Engineering Data Management Specialist, Code 36531 --** had surgery for removal of a spinal cord tumor and is indebted for leave.

**Ron Wright, Electronics Technician, Code 3951 --** suffered a heart attack and will be unable to return to work until late August.

**Susan Thompson, Secretary,**

**Code 3935 --** is caring for her chronically ill mother and is indebted for leave.

**Linda Harinek, Purchasing Agent, Code 254 --** underwent coronary angiography and is in

need of leave.

**Leo Montano, Visual Information Specialist, Code 3441 --** is undergoing further cancer treatment and is in need of leave.

**Jay W. Hill, Code 6421, Elec-**

**tronic Technician --** is being treated for pneumonia and valley fever and is indebted for leave.

**Rick A. Breitengross (Code 36813) Engineering Technician** is providing care for his step-mother who is in total kidney failure and on dialysis.

**Herschel R. Sibley, Mechanical Engineering Technician, Code 3571 --** underwent heart surgery and is in need of leave.

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October 18 is deadline to apply

# Applicants sought for fellowship program

Applications for graduate level Fellowships are invited from NWC employees. A fellowship is defined as off-Center training for a period of more than 120 consecutive working days. To be eligible for a fellowship, interested individuals should be employed at NWC for at least three years at the time studies begin.

A fellowship may be considered to meet any of the following objectives:

1. To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.
2. To give technical employees management skills when job responsibilities have, or will become, managerial.
3. To update employees' knowledge and background in their job specialty.
4. To teach employees aspects of another occupation that relates to their present occupation where responsibilities are interdisciplinary or multidisciplinary.

The China Lake Fellowship Committee (CLFC) will consider

applications in any area of study that relates directly to NWC program requirements. The primary criteria the CLFC follows in determining when a fellowship is used instead of after-hours, part-time or short-term programs are as follows:

*A fellowship is defined as off-Center training for a period of more than 120 consecutive working days.*

1. The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.
2. The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term full-time duration is required.
3. It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.
4. There is no educational institution or academic program

in the local or community area for part-time or after-hours training.

The following areas of critical need have been established by Center management: systems engineering; microwave/RF circuits, subsystems and missile

guidance, antennas, and radar engineering; microwave antennas; digital and analog signal processing; missile test equipment; target signatures-modeling and reduction; radar, laser, EO-IR targeting sensors; weapons/avionics integration; tactical embedded software; facility simulation software; air combat susceptibility/vulnerability; EW systems; propulsion; operational research/analysis; statistics; advanced structural engineering (aerodynamics - CFD, aerospace - thermal, structures); financial/business systems analysis; physics (electro magnetism); electrical engineering - high voltage, short - rise time power;

physics/engineering -- detonation mechanics, interior ballistics, combustion; modern digital signal processing - ISAR, SAR; RF active array theory/practice; avionics system engineering; chemistry - organometallic, solid state synthesis, laser spectroscopy and electrochemistry.

**FUNDING**  
Code 2241 funds will pay for the trainees salary (including MTP), the cost of tuition, payment of travel to and from school and a reduced rate per diem to cover the cost of housing while at school.

Further details of the China Lake Fellowship Program are provided in the China Lake Fellowship Program Brochure, NWC Ad Pub 407. The brochure is available from department offices or from the Training Center.

**HOW TO APPLY**  
Interested employees will need to submit to the Academic Fellowship Office, Code 2241 an original and seven copies of the following:

1. China Lake Fellowship Pro-

gram Nomination Form (NAVW-PNCEN 12410/85 Rev 8/91) including attachments;

2. A memorandum of endorsement/nonendorsement signed by their Department Head addressed to the Chairman, China Lake Fellowship Committee, Code 2241.

China Lake Fellowship Program Nomination Forms are available from Code 2241, Rm 212 in the Training Center (Bldg. 00947).

**APPLICATION DEADLINE FOR GRADUATE FELLOWSHIPS IS OCTOBER 18, 1991.**

To avoid confusion and obtain guidance on fellowship application policies and procedures, it is strongly recommended that employees contact the Academic Fellowship Office to discuss their intentions.

Information, counseling and assistance about Fellowship is available from Bill Bethke or Sue Bristow, Academic Fellowship Office, Code 2241, NWC ext. 2349.

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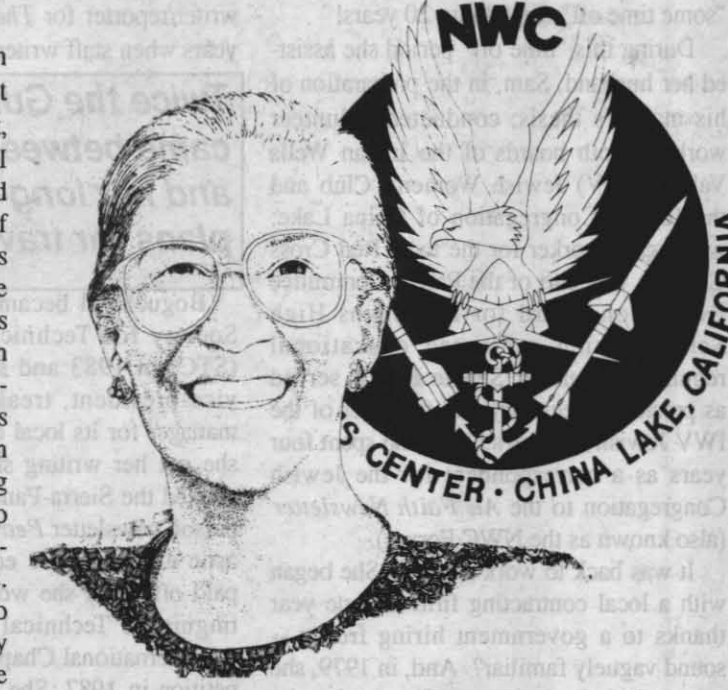
# After 43 years here, travel looms for Emilie

by Kristine L. Roquemore  
Rocketeer Correspondent

California sounded like tropical paradise to a young midwestern woman coming from the city streets of Chicago. After all, everyone knows the Golden State offers nothing but endless days filled with sunshine, beaches and palm trees. At least, that's what the Technical Information Department's Emilie Boguchwal was told when her brother, who then worked for the Civil Service Commission, convinced her to abandon dreams of going overseas and join the Naval Ordnance Test Station at China Lake. He didn't realize it was in the middle of the desert -- *neither did she*. And, now he's the one living on

the California beach in Malibu!

"When that bus pulled up in 1948 to what was then a vast nothingness of a desert, I thought, UGHHHHHH... WHAT am I getting myself into?" reflected Emilie. Her first day consisted of attempting to walk in high heels from building to building while carrying two huge suitcases (filled with high heels) through piles of sand. There were no sidewalks or trees back then. To this day she hates sand. And, after an exhausting day of trudging through sand piles, she came to find out her lovely accommodations were open bay barracks. The young woman from Chicago quickly declared, "I'm calling my parents, asking them to send me



money and I'm going HOME. Even in college I had my own room."

*She's still here!*

And, as of September 13th, the technical writer will retire after 22 years with the Naval Weapons Center and 43 years of volunteer community service.

As a youngster, fresh out of high school, Emilie spent two years working for the Foreign Economic Administration in Washington D.C. She then attended the University of Chicago, and graduated with a bachelor's degree in liberal arts. Being a college graduate with great ambitions, Boguchwal's consuming desire was to work overseas (Continued on Page 8)

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## Instructors needed for classes at China Lake

California State University, Northridge (CSUN) is looking for instructors to teach courses offered through the CSUN external degree program on-Center. The courses expected to be offered during the 1992 spring semester are listed below:

- EE 525N: Microprocessor Appl. in Engineering,
- EE 552N: Digital Signal Processing II,
- ME 590: Advanced Fluid Dynamics,
- AM 542: Finite Elements Method in Mechanics, and
- IE 5YY: Software Engineering Course.

Individuals who are interested in teaching one or more of these courses, and have at least a master's degree, are asked to forward their resumes to Cecil Webb, Code 224, by Sept. 26.

For more information, please call Webb at NWC ext. 2648.

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# Even starting over didn't phase Emilie

(Continued from Page 7)

and she applied for positions with both the War (now DoD) and State Departments. But, after listening to her brother's big sell on California, she opted for China Lake. She thought in a couple of years she'd get the chance to work in a foreign country.

Emilie stuck it out in the desert, even after her declaration to leave. The road she chose was not an easy one. "Originally, they only told me I had been accepted for a position, but I didn't find out where or what I was going to be doing until I processed in," commented Emilie. "And, I quickly found out that since I didn't have a technical degree, I would have to begin my career as a secretary."

## Once again Boguchwal had to start over at China Lake as a secretary.

After four years of college that would be a tough one for anyone to take.

She took it in stride though, and ultimately worked her way into a professional series with an editorial group in what was then called the Test Department. It took ten years, but she made it.

At that point Emilie decided to take some time off and raise her family. Well,

"some time off" turned into 20 years!

During this "time off" period she assisted her husband, Sam, in the preparation of his master's thesis; conducted volunteer work on both boards of the Indian Wells Valley (IWV) Jewish Women's Club and the Jewish Congregation of China Lake; was a case worker for the local Red Cross Chapter; was part of the Parent Committee Evaluation Board for Burroughs High School which evaluated educational requirements under Senate Bill 1; served as president, secretary and treasurer of the IWV Jewish Women's Club; and spent four years as a correspondent for the Jewish Congregation to the *All Faith Newsletter* (also known as the NWC Forum).

It was back to work in 1978. She began with a local contracting firm for one year thanks to a government hiring freeze -- sound vaguely familiar? And, in 1979, she was rehired again on Center in the Weapons Department's Optical Signatures Branch as a secretary.

Ouch, talk about starting over.

"I had to start again as a secretary because I had been gone so long," commented Boguchwal. In 1980, she joined the TID family as a compositor and finally made her way back to the world of technical writing and editing, where she has spent the last eight years. She even got to try her hand a few times at being a

writer/reporter for *The Rocketeer* over the years when staff writers were scarce.

## Twice the Gulf War came between Emilie and her long-delayed plans for travel.

Boguchwal became a member of the Society for Technical Communication (STC) in 1983 and served as president, vice-president, treasurer, and program manager for its local chapter. Immediately she put her writing skills to work as she tackled the Sierra-Panamint Chapter's one-person newsletter *Petroglyph*. Her enthusiastic efforts as the editor of *Petroglyph* paid off when she won the award of Distinguished Technical Communication in the International Chapter Newsletter Competition in 1987. She also took the Award of Merit for co-editor accomplishments in 1988.

After eight productive years assisting scientists and engineers with publication of their findings, she's ending her career with hopes of finally seeing the world.

Now mind you, Emilie has attempted this business of traveling abroad. This determined woman was all set to take a cruise in the Mediterranean with some friends -- got her passport, paid for the trip

-- set up the whole thing. Then suddenly, she ran into a small snag. Up rose the Persian Gulf War! Well, that kind of put a damper on the situation. But, in true Boguchwal fashion, she stuck it out, fully expecting to travel abroad when things calmed down. The travel agency had a different idea -- they cancelled the cruise.

Someday, Emilie Boguchwal plans to go overseas!

But, for right now, she's looking forward to upcoming events in the merry month of September.

She chose to retire during this particular month for several reasons. "It's always been a significant month in my life," said Emilie. "It's my daughter's, my dad's, and my birthday month. My parents, brother and daughter all got married in September. . . And, this particular September, I'm anticipating the birth of my second grandchild." She is the epitome of a doting grandmother. And, she's got the pictures to prove it.

Who would have thought in 1948, she'd still be here in 1991. She certainly didn't. "I never meant to be a pioneer," laughed Boguchwal.

"I suppose if I had to do it all over again. . . I'd do the same. . . And who knows. . . Maybe someday I'll get overseas!"



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## POW/MIA annual observance planned for Saturday at NWC Headquarters

This year's local observance of POW/MIA Recognition Day is set for Saturday morning at the Naval Weapons Center, Capt. Douglas W. Cook, NWC Commander, is the featured speaker for ceremonies sponsored by the Vietnam Veterans of America Chapter 283. The observance, starting at 9 a.m. in front of the NWC Headquarters Building, will be highlighted by the traditional balloon release.

Since the signing of the Paris Peace Accords in January 1973, 2,273 Americans remain unaccounted for in Southeast Asia and more than 8,000 in Korea. Of these, 734 are Navy service

members.

The Navy joins the Nation in recognizing this important issue during National POW/MIA Recognition Day, Sept. 20. This

day is designated to emphasize the importance of the prisoner of war/missing in action efforts and to renew year-round public awareness.



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# Variety of positions available at NWC

(Continued from Page 20)

Model Shop Branch, Engineering & Production Processes Division, Engineering Department. The incumbent will support the Research Department. Responsibilities include the mechanical design of parts/components, the mechanical integration of sub-assemblies into weapons systems, and operation of electromechanical test equipment. The incumbent must be capable of determining suitable materials and realistic requirements from original designs and concepts. The incumbent must be able to develop documentation packages for prototype designs. **Job Relevant Criteria:** Knowledge of prototype R&D model hardware; knowledge of electromechanical testing procedures and techniques; knowledge of radar systems; ability to communicate in writing. Promotion potential to DT-3, but not guaranteed.

**No. 61-013, Warehouse Worker, WG-6907-4/5, Code 6141** - This position is located in the Weapons Support Department, Magazine Operations Division. The incumbent will perform duties involving the receiving, shipping, storing, issuing and transporting of ammunition/explosives and components. The major duties and responsibilities of this job are as follows: The incumbent will be required to learn to operate and become proficient in the use of all handling equipment such as electric and diesel forklifts plus trucks up to and including 10 tons. The incumbent will inspect cargo and shipping documents to insure material is properly marked, stenciled, labeled, tagged and sealed.

The incumbent will assist in loading and unloading all ammunition and explosives transported in or out of the Magazine Area. The incumbent will assist in the upkeep and cleanliness of all magazines as well as periodically inventory and restow the magazines. Applicants should possess ordnance knowledge, be able to identify safety hazards, be able to operate trucks and special vehicles. **Job Relevant Criteria:** Ability to do the work of a warehouseman without more than normal supervision; knowledge of technical and work practices; ability to read, interpret and apply the instructions and specifications used in the trade; ability to use and maintain tools, instruments and related equipment as appropriate to the warehousing trade; and ability to operate with dexterity and safety. This position has a potential to WG-7, but is not guaranteed. To apply, all applicants must submit a SF-171 and Supplemental Qualification Statement. Supplementals may be obtained in Room 100 of the Civilian Personnel Building. Previous applicants need not reapply.

**No. 39-037, Secretary (Typing), DG-0318-1/2 Code 3935.** This position is located in the Fuze Technology Branch, Fuze Sensor Systems Division, Intercept Weapons Department. Incumbent will provide secretarial and administrative support to the branch head. Knowledge and working skill on the Macintosh is desirable. Promotion potential to DG-2, but not guaranteed.

## Secretarial opportunities

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

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

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

**No. 39-037, Secretary (Typing), DG-0318-1/2 Code 3935.** This position is located in the Fuze Technology Branch, Fuze Sensor Systems Division, Intercept Weapons Department. Incumbent will provide secretarial and administrative support to the branch head. Knowledge and working skill on the Macintosh is desirable. Promotion potential to DG-2, but not guaranteed.

This announcement will close 19 Sep 91.

**No. 62-032, Secretary (Typing), DG-318-1/2 Code 6213** - This position is located in the Instrumentation Branch, Ordnance Test & Evaluation Division, Range Department. The incumbent will provide secretarial and administrative support to the branch head. Knowledge and experience on the Macintosh computer is desirable but not required. Promotion potential to DG-2, but not guaranteed.

This announcement closes 19 Sep 91.

## CSUB academic counselors visit Center

Academic counselors of California State University, Bakersfield (CSUB), will be on-Center tomorrow (Sept. 13) to advise current and prospective students in external degree programs offered by the school at NWC.

Cal-State Bakersfield offers a bachelor's degree program in business administration and a master's degree program in administration. To make an appointment to see one of these counselors, call Denise at NWC ext. 2648.

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## Druzik talks about saving cultural art

*Preservation of the Art World Heritage*, will be presented by James Druzik, an art conservation scientist with the Getty Conservation Institute, at Cerro Coso's Lecture Center on Friday, Sept. 20, at 7:30 p.m. The lecture will be on the preservation of cultural properties, whether works of art on a museum wall, an old family document, adobe mission or an archaeological site.

The free lecture is open to the public. For more information, call Richard Leo at 375-5001, ext. 309.

**IWV LEGAL ASSISTANCE OFFICE**

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Prices include process service.  
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Licensed Clinical Psychologist

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486 System: 33MHz 486 system with video-RAM & system BIOSes optionally relocatable to 32-bit high-speed RAM, 256K cache, separate I/O-bus clock, standard-AT bus controller subsystem for complete compatibility with XT & AT cards. Complete system w/true 25MHz CPU & chipset, 130MB 19ms 1:1 high-performance hard disk drive, 4MB RAM, 1 parallel & 2 serial ports, MS-DOS 4.01, 1.2MB/360K and 1.44MB floppy drives, 1024x768x256-color VGA monitor & card, enhanced keyboard. Free upgrade to DOS 5.0. 3-yr parts & labor warranty on entire system. Free: Windows/mouse or 33MHz.

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# Personnel News

## Promotional opportunities

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

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

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

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

## Notice Regarding Drug Testing Designated Positions

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

**No. 21-024, General Supply Officer, DA/DP-2001-3, Code 2131** - This position is located in the Supply Operations Branch, Supply Division, Military and Support Operations Department. The incumbent directly supervises a small civilian staff and has contractual monitoring and oversight responsibility over Annex 19 and 21 to the Base Operating Services Contract at NWC. The branch monitors, evaluates, and reports contractor performance in all areas of supply support (including stock control, inventory management, receipt control, transportation and personal property) by performing surveillance, sampling, and analysis of the contractor's operation. The incumbent acts as interface between

Center customers and the Contractor on supply matters. **Job Relevant Criteria:** Knowledge of supply operations; knowledge of contract administration; knowledge of NWC personnel policies and procedures; knowledge of budgetary policies and procedures; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor. Promotion potential to DP-3, but not guaranteed. This announcement closes 9-19-91. Previous applicants need not reapply.

**No. 24-020 Police Officer, GS-083-6, Code 2413 (three vacancies)** - This ad establishes a temporary promotion list from which Field Training Officer

(FTO) positions will be filled not-to-exceed one year. The selections may be made from this list as necessary through 28 February 1992. Applicants who do not meet the statutory (Time in Level) requirements but will meet those requirements during the term of this list may apply but will not be placed on the list until those requirements are met. The FTO position is located in the Operations Branch of the Law Enforcement Physical Security Division, Safety and Security Department. In addition to performing a full range of Police Officer duties, the incumbent will be responsible for development, implementation, monitoring and assessment of new recruits. The incumbent will work one of three

shifts. Intense training will be performed on a one-to-one ratio. Incumbent must demonstrate a diverse skills and in-depth knowledge of law enforcement and the ability to convey that knowledge. **Job Relevant Criteria:** Knowledge of training and evaluation techniques; Ability to develop training plans; Knowledge of Federal and state laws, administrative rules, policies and procedures.

**No. 27-005, Office Services Assistant, DG-303-2, Code 274** - The incumbent provides administrative and secretarial support to the Information Resources Technology Support Division. Performs contract support efforts. Supports 274 Service Center by verifying contract changes. Experience with Macintosh PC is desirable. **Job Relevant Criteria:** Knowledge of Navy and NWC contracting regulations and procedures; knowledge of Navy and NWC financial reports, systems; Ability to learn and use imaging technology. Promotion potential to DG-3, but not guaranteed. This announcement closes 9-19-91. Previous applicants need not reapply.

**No. 28-056, Supervisory Budget Analyst, DP-560-3, Code 2836** - This position is Head, T&E and Support Budget Branch, Budget and Resource Analysis Division, Office of the Comptroller. The incumbent manages and supervises field budget offices in support of the T&E Directorate and the support codes. The field budget offices provide analyses, resource allocation, fiscal advice and counsel, and formulation of the department budget and exhibits that contribute to the A-11 budget process. The incumbent must have demonstrated: the ability to understand complex resource allocation issues; a working knowledge of the Center's budget formulation; a working knowledge of the Navy Comptroller Manuals #5 and #7 and the Budget Guidance Manual; a working knowledge of the impending base consolidation efforts. **Job Relevant Criteria:** Knowledge of the budget formulation/execution process; and of the Navy Industrial/MRTFB funding systems; knowledge of TQM (leadership); knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-

line supervisor; ability to communicate effectively orally and in writing; ability to deal effectively with all levels of Center management. Incumbent may have to serve a one year supervisory probationary period. The full performance level of this position is DP-3.

**No. 28-058 Budget Analyst, DA-560-2/3, Code 2833 and 2836 - Multiple Vacancies** - Incumbent provides resource support services to one of NWC's operating departments. Responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, capital and service center budgets. Responsible for conducting financial analysis. **Job Relevant Criteria** - Ability to gather and analyze raw financial data; ability to prepare clear and concise written and oral communications; ability to deal tactfully and effectively with others. Promotion potential to DP-3.

**No. 34-021 Supervisory Librarian/Technical Information Specialist / Program Manager, DA/DP-1410/1412/340-3, Code 343** - Position is a Branch Head located in the recently reorganized Library Division. The incumbent supervises a diverse group of library personnel. The incumbent will organize and control functions associated with library services such as the circulation, acquisition, cataloging, interlibrary loan, and reference functions. **Job Relevant Criteria:** Knowledge of the principles and techniques of librarianship and of engineering and scientific literature resources; Knowledge of online searching methods and techniques and databases such as RLIN, Dialog, and DTIC; Experience with online library systems; Broad experience with computer systems (hardware and software); Knowledge of procurement/contracting/COTR/TM practices; knowledge of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-3 not guaranteed. Supplemental forms may be picked up in Rm. 100, Personnel Bldg.

**No. 36-029, Mechanical Engineering Technician, DT-802-2/3, Code 3644** - This position is located in the Central (Continued on Page 21)

## Airshow efforts win NWC Team Award

With the Naval Weapons Center's most successful airshow ever in the record books, Capt. Douglas W. Cook, NWC Commander and Bill Porter, Technical Director, saluted 14 China Lakers for their extra efforts with the NWC Team Award.

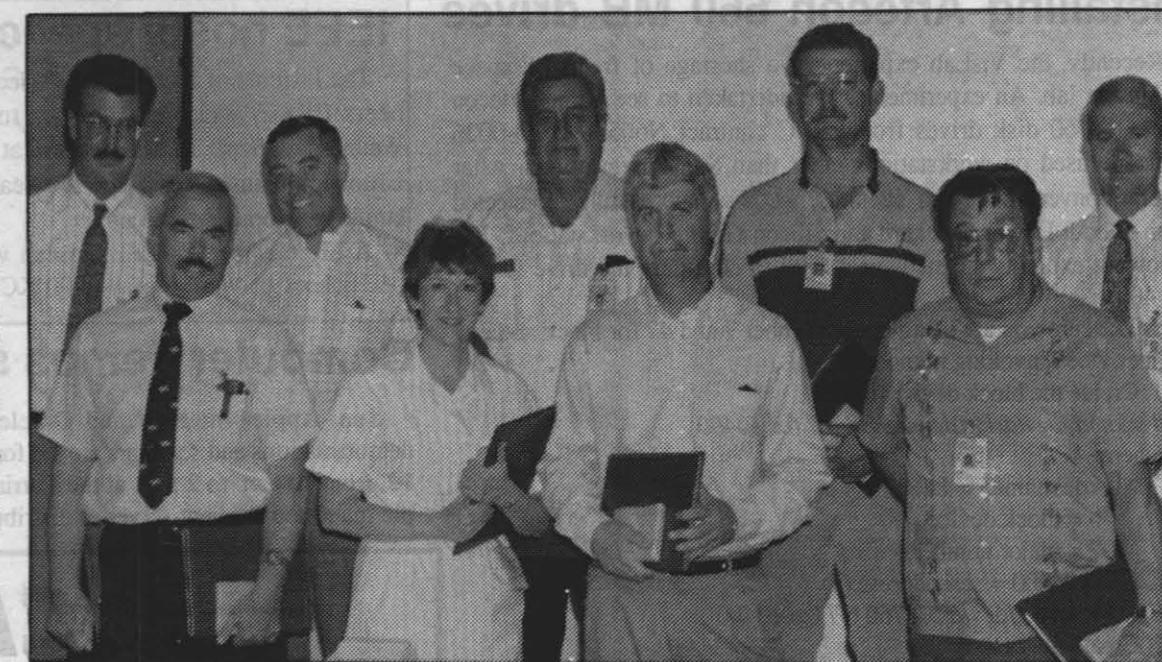
The 14-person committee put together the 1991 air show, featuring the Blue Angels and VX-5 flight demonstrations. The Team Award cited them for accomplishing the work under a tight time deadline and under much more strict than normal security requirements due to the Persian Gulf War.

Members of the team coordinated aerial performances, arranged for static displays of aircraft and equipment, made sure the visiting aircraft were refueled, brought in local groups to sell refreshments and souvenirs, set up a smooth traffic pattern to allow thousands of cars access to

parking areas and more. Perhaps the stiffest challenge in hosting the show, was getting all the people in and out under the tightest security conditions in years.

Not only did the day go as planned, NWC officials received numerous letters and calls of appreciation and a general feeling of a job well done by a diverse team of skilled professionals.

Aircraft Department personnel honored with the Team Award include Capt. B.J. Craig, Ed Stokely, Nick Kleinschmidt, Dave Ganger, Mark Backes and Reuben Gomez. From the Public Works Department, Jim Byrd and Kenny Freund were given Team Awards. Jim Adams was the Team Award recipient from the Safety and Security Department. From the Public Affairs Office, Alan Alpers, Mike Biddlingmeier, Fran Rugg, Deanne Bell and Betty Rogge received the NWC Team Award.



**TEAM AWARD**--Work on the 1991 NWC Air Show won the team award for (from left back row); Alan Alpers, Dave Ganger, Ruben Gomez, Nick Kleinschmidt and Mike Biddlingmeier. Front row; Mark Backes, Fran Rugg, Ed Stokely and Jim Adams. Missing from the photo is Betty Rogge. (See additional photo on P-11.) Photo by PH3 Cary Brady

## Graduates earn luncheon recognition

This year's luncheon honoring graduates from the Naval Weapons Center-sponsored academic programs will be at the Seafarer Club from 11 a.m. to 1 p.m. on Sept. 26. NWC-sponsored academic programs include the Cooperative Education programs, Center-sponsored degree

programs and the fellowship pro-

gram. Guest speakers will include Capt. Douglas W. Cook, NWC Commander; Bill Porter, NWC Technical Director; Dr. Ronald Derr, head of the NWC Research Department and the FY91 chair-

man of the China Lake Fellowship Committee; and Pat Baczkiewicz, NWC's professional recruitment coordinator.

Tickets for the luncheon may be purchased from Denise Tracy, Room 212 in the Training Center. Tickets must be paid for by check made payable to MWR-EM by Friday, Sept. 20.

## Seat Belts Save Lives

### COUNSELING SERVICES



**Carol C. Williams, MSW**  
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Ridgecrest, CA 93555  
**375-7015**

### Community Meeting September 16 - 7:00 pm Kerr McGee Center

Representatives from community organizations, businesses, churches and individuals interested in adopting families or donating food, money or time to the

### Holiday Food Basket Program

For more information  
contact Sue or Donna at:

**446-7491**

### Here's Looking At You Kid!

Now thru Sept. 15<sup>th</sup>  
Perms - \$25.00



### Cut and Dry

Perms • Haircoloring • Haircuts

Bennington Plaza  
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## TLB Charter

233 W. Ridgecrest Blvd.  
Mon. • Tues. • Fri. 10-2PM

**Saturday, September 21st**  
Laughlin Trip, Up & Back  
\$10.00 per person  
Gambling at the Gold Nugget  
Departs: 6:00 a.m. Returns: 12:00 Midnight

**October 2nd, 3rd & 4th**  
Carson City - Ormsby House  
3 Days & 2 Nights  
\$55 Double \$65 Single  
Includes Rooms & 1 Free Buffet

## FREE TRIP

to  
Nevada Landing  
Departs 7:00 A.M.  
Returns 11:00 P.M.  
**September 22nd**



## Installing Artecon 660 MB drives

Recently, the VisLab experienced a shortage of free disk space within the lab. An experiment was undertaken to see if the Artecon Maxtor 8760 disk drives from NWC contract N60530-90-D-0026 could be used on workstations other than Sun Sparcstations. After several conversations and attempts, we have successfully connected them to both Hewlett-Packard and Silicon-Graphics workstations. The following explains the steps necessary to configure the drive for the HP 400.

Make sure you are using major number 7 and 47 for block and raw devices when invoking mknod.

```
1. Create the block device.
# mknod /dev/dsk/<devname> b 7 0x0e0400
where:
```

```
<devname> = 8760
b = block device
7 = major number
0x0e0400 = scsi address (4)
```

```
Eg. % mknod /dev/dsk/8760 b 7 0x0e0400
```

```
2. Create the raw device
# mknod /dev/rdsn/<devname> b 7 0x0e0400
where:
```

```
<devname> = 8760
c = character device
7 = major number
0x0e0400 = scsi address (4)
```

```
Eg. mknod /dev/rdsn/8760 c 7 0x0e0400
```

```
3. Now initialize or format the disk.
```

```
# mformat /dev/rdsn/<devname>
where:
```

```
/dev/rdsn/<devname> is the raw device
```

```
Eg. # mformat /dev/rdsn/8760
```

```
4. Edit the /etc/disktab file. Locate the other Maxtor drive entries.
```

```
Add an entry for the Maxtor 8760 drive:
```

```
Maxtor 8760 18760:
:No swap:ns#25:nt#15:nc#1632:
:s0#612000:b0#8192:f0#1024:
:se#512:rm#3600:
```

```
Short explanation.
```

```
ns = number of 1k sectors/track. The 8760 has 51 sectors/track at 512 bytes/sector, or 26112 bytes/track, or 25.5 1k sectors / track.
```

```
nt = number tracks/cylinder. The 8760 has 24480 total tracks and 1632 cylinders, giving 15 tracks/cylinder.
```

```
nc = number of cylinders.
```

```
s0 = ns * nt * nc in units of 1k blocks. So 612000 1k blocks = approximately 626Mb.
```

```
other values are standard.
```

```
5. Now create a file system on your new disk:
```

```
# newfs /dev/rdsn/<devname>
```

```
Eg. # newfs /dev/rdsn/8760
```

```
This should take a few minutes.
```

```
6. Do a file system check to ensure the file system was created properly by typing:
```

```
# fsck /dev/dsk/<devname>
```

```
Eg. # fsck /dev/dsk/8760
```

```
7. You are now ready to mount the disk. Make a suitable mount point off the root directory by typing:
```

```
# mkdir /<diskname>
```

```
where:
```

```
<diskname> is the name of the directory you want the disk's root directory to start.
```

```
E.g. # mkdir /user
```

```
8. Now mount the disk by typing:
```

```
# /etc/mount -o bg,rw,soft /dev/dsk/<devname> /<diskname>
```

```
Eg. # /etc/mount -o bg,rw,soft /dev/dsk/8760 /user
```

```
9. You can now access the disk. If you want this disk to be mounted at boot time you should change directory to /etc and edit the check-list file. The entry should look like this:
```

```
/dev/dsk/<devname> /<diskname> hfs rw,suid 1 2
```

```
Eg. /dev/dsk/8760 /user hfs rw,suid 1 2
```

Next week's article will discuss the steps needed for installing the Maxtor drive on the Silicon Graphics workstations. This article is available via anonymous ftp from the VisLab's Sparcstation. Ftp to sparc2cad.nwc.navy.mil (129.131.31.12) and retrieve the file /pub/technotes/Artecon\_HP4xx\_install. Any questions, call VisLab at NWC ext. 2078/3257.

Submitted by Code 27 Vis Lab

## IEEE hosts speech on WW II radar developments

The Institute of Electrical and Electronics Engineers (IEEE) welcomes visitors to a luncheon Wednesday, Sept. 18, 11:30 a.m., at the Seafarer Club, featuring retired Naval Weapons Center employee Horace M. Joseph.

A life member of IEEE, Joseph will comment on "Echoes of War," a May 1990 KCET broadcast

about World War II radar development. While the program paid tribute to development of microwave radar, it slighted many contributors, important aspects of its usefulness and the the scope of the U.S. effort.

The results of this effort impact everyone. Lessons that may apply to today will be suggested.

## Computer demos scheduled at Carriage Inn today

Sun, Apple, Interleaf and Oracle integration demonstrations and seminars are set for today, Sept. 12, from 10 a.m. to 2 p.m. at the Carriage Inn. People interested in client-server or distributed comput-

ing shouldn't miss this event.

For more information, call Chuck Zyetz at 446-2397 or Ron Backman at NWC ext. 2078.



# CARING FOR THE FUTURE

Help Ridgecrest Cleaners protect the environment and support our community by saving the hangers and plastic bags that we use to package your dry cleaning and laundry. Return them to us for recycling. You will keep them out of our landfills, helping to reduce waste.

We will collect the used plastic bags for processing by a plastics recycling company.

We will recycle all hangers returned in good condition.

We will donate 2¢ to the DARE Program for every hanger that is in good condition (clean and unbent). Please sort hangers by type and not mixed. Additional environmental safeguards practices by Ridgecrest Cleaners:

- We recycle our drycleaning solvent on the premises through state-of-the-art distillation equipment.
- We dispose of our drycleaning waste products in accordance with government regulations, using the most environmentally beneficial recycling method.
- We meet or exceed clean air and water government standards.
- We donate unclaimed clothes to local charities for reuse.

CARING FOR THE FUTURE has the potential to keep hangers and plastic bags out of our landfills and provide donations to local charities.

1325 N. China Lake Blvd.

446-6690

## Children are On the Move

Children at the Naval Weapons Center are *On the Move* thanks to the Morale, Welfare and Recreation Department and the Sierra Academy of Dance.

Three separate classes will be offered to help preschoolers through kindergarteners improve their creativity, build motor skills and increase their coordination and balance.

**Learning Through Move-**

**ment** -- will be held from 9:15 to 10:15 a.m. on Tuesdays, beginning Oct. 1 at the NWC Youth Center. Children must be three to five years

of age. Class size is limited to 14. Children should wear loose clothing (no tights). Cost is \$20 for military dependent, \$21 for DoD dependent and \$23 for all others.

**Ballet & Tap** -- will be held on Wednesday mornings beginning Oct. 2 at the NWC Gymnasium annex. Classes will run until the end of May. Class times are 9 to 10 a.m. for three-year-olds and from 10 to 11 a.m. for four-year-olds.

**Kindergarten Ballet & Tap** -- will be held from 1:30 to 2:30 p.m. on Mondays, beginning Sept. 30, at the NWC Gymnasium annex. Cost is \$20 for military dependent and \$21 for DoD dependent.

Dance wear, tights, leotards, tap shoes and ballet shoes, is available at Sierra Academy of Dance.

For further information about any of these classes, call the NWC Youth Center at NWC ext. 2909.



## O'Club offers Monday Nite Football

Football season is underway and the O'Club Barefoot Bar is getting into the football spirit! Enjoy Monday Nite Football at the O'Club Barefoot Bar each Monday at 6 p.m.

Take part in the Armchair Quarterback contest and become eligible for numerous prizes throughout the night.

What's a football game without food? Enjoy draft beer for only 75 cents a glass, hot dogs for 75 cents and chili dogs for \$1.25. During the fourth quarter, free pizza will be available.

For more information, call NWC ext. 2581.



## Queen Mary discounts for military only!

In a recent *Rocketeer* (August 29), there was an article advertising especially low-price discount tickets for the Queen Mary and Spruce Goose for military and Department of Defense personnel. This

was incorrect. The special price of \$1.50 for adults and \$1 for children is for **military** personnel only.

The *Rocketeer* staff regrets any inconvenience this error may have caused.

## Now is time to order custom-made mugs



Christmas is still several months away, but according to Pat Piroksa, Craftech Center's manager, now is the time to order those personalized mugs for friends and colleagues.

"The turnaround time for mugs with custom decals is about 10 weeks," said Piroksa.

"Because of the huge orders our suppliers receive, the sooner they are ordered, the better."

Plan for Christmas today and order those personalized, custom-made cups today!

**Own A Masterpiece**

Whatever size or shape or quality. Whatever settings that you'd like to see. For wife, husband... or favorite niece. Come see and Own A Masterpiece.

**Jewelry to Go**

115 E. California 371-1308

**Marilyn's got designs on you...**

If you haven't met Marilyn Christensen, owner of Windows • Walls 'n Floors, don't wait any longer. Marilyn brings to her store 20 years of home decorating experience. Why, it was actually Marilyn who brought the first retail wallpaper into Ridgecrest. More recently, you've probably seen her work in the gorgeous model homes around town. Marilyn is on hand at Windows • Walls 'n Floors for her knowledge in decorating design to help any decorating project, big or small. You might say she's Ridgecrest's own designing woman.

Marilyn Christensen helps with the whole concept of decorating

Furniture • Custom Styles & Fabrics

Largest Selection of Wallpaper

Consultations by appointment

**WINDOWS • WALLS 'N FLOORS**

Ridgecrest Towne Centre 371-2212

## What's happening

Ridgecrest's Desert Empire Fair is right around the corner, Oct. 16-20. Tickets, available at the Craftech Center, will be on sale starting Monday, Sept. 16. The cost is only \$10 for a book of 25 tickets.

For further information, call the Craftech Center at NWC ext. 3252.

Attention China Lake Golf Course members! The China Lake Golf Course staff is currently offering a membership referral discount. Any paid member who recruits a new member will receive a 10 percent discount off his original membership dues.

Discount rebates will be paid the recruiting member once the new member has paid his membership dues. Support the golf course and new golfers!

For further information, contact the golf pro shop at NWC ext. 2990.

Craftech now has tickets for the Los Angeles County Fair, scheduled through Sept. 29 at the L.A. Fairgrounds in Pomona. Entry tickets are only \$5 per adult and \$3 per child. Craftech also has premium ride booklets. Enjoy 26 rides for only \$10.

Due to the Chief Petty Officer's initiation celebration, the Seafarer Club will be closed all day on Sept. 16. The club will reopen on Sept. 17 during regular hours.

Save \$11.55 per general use ticket during Magic Mountain's *Military Appreciation Days*. On weekends and selected holidays from Sept. 14 through Dec. 1, Magic Mountain is offering military and civilian personnel, including families and friends, a special low price of \$12.45. As a special bonus, children (limit two per family) under 48 inches in height will be admitted for free! Children two and under don't need a ticket.

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## Pilots earn their WINGS

(Continued from Page 17)

program provides pilots with the opportunity to establish and participate in a recurrent training program. There are nine phases to the program and each phase must be completed within a 12 month period.

The China Lake Navy Flying Club is dedicated to helping military and Department of Defense personnel learn to fly, keep up with their flying skills and pro-

moting safe flying. For more information, call China Lake's designated FAA Accident Prevention Counselor, Shel Simonovich, a member of the Aircraft Department's Tracking & Control Branch, at 375-4451.

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Registration deadline is October 4

## Challenge offers Co-Ed Softball Tourney

Many exciting events are being planned to lead up to the China Lake Challenge, set for Oct. 26.

The Co-Ed Slow Pitch Softball Tournament is slated for Oct. 12, beginning at 9 a.m. on the Knox

fields. The first deadline for team rosters is Oct. 4.

This event is sponsored by Code 232 and coordinated by HM3 Ken Presley. Contact Ken at NWC ext. 2911/237 for more information.

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## Wellness: Blood draw

The NWC Wellness Program is providing all Center employees an opportunity for a low cost blood analysis. The blood test analysis will include kidney and liver enzymes, total cholesterol, HDL, LDL, triglycerides, glucose, and a complete blood count. Participants must abstain from eating any food or drinking anything other than water for 12 hours before your blood draw. Alcohol should not be consumed within 24 hours of the test. The draws will begin at 7 a.m. on the dates and at the locations listed below. The cost is \$18. Payment is required at the time of the draw. Make checks payable to MWR. Appointments may be made via computer by connecting to the SCFC VAX and typing in WELLNESS at both the "username" and "password" prompts. Options will appear on the screen allowing you to select the preferred time and location for your appointment. Fitness assessments will not be available until the Spring. If you have access to another VAX on the network, log on and type "set host scfc". If you do not have access to a computer, call the Wellness Program Office, NWC ext. 2468, and leave a message giving your name,

extension, code, and the preferred date, location, and time you want your appointment.

Sept. 13 (Fri) -- Michelson Lab, "Little D" Conference Room

Sept. 17 (Tues) -- Training Center, Room 205

Sept. 18 (Wed) -- Range Control Complex, Range Headquarters, Bldg. 31457, Conference Room 104

Sept. 18 (Wed) -- CLPL, Bldg. 151, Room 10; call Sandy Brown for appt., NWC ext. 7417

Sept. 19 (Thurs) -- Range System Lab (IOB), Bldg. 32544, Conf. Rm. 123

Sept. 19 (Thurs) -- EWTES-inbox Bret Jacobson for appt.

Sept. 20 (Fri) -- Michelson Lab, "Little D" Conference Room

Sept. 24 (Tues) -- Public Works, Bldg. 981, Conference Room

Sept. 25 (Wed) -- CLPL, Bldg. 151, Room 10; call Sandy Brown for appt., NWC ext. 7417

Sept. 26 (Thurs) -- Armitage Field: NAF-80, Bldg. 20192

Sept. 27 (Fri) -- Training Center, Room 114

## Rocketeer phones put 'on hold' for three days

Gremlins invaded the Rocketeer's telephone system this past week, preventing many calls to us from being completed. The problems have been solved and our telephones are working normally once again. If you tried, unsuccessfully, to call us on Friday, Monday or Tuesday, please try again!



## Center and Edwards AFB join for Retiree Appreciation Day

Edwards Air Force Base and the Naval Weapons Center will join forces on Saturday, Sept. 21, to sponsor the annual Military Retiree Appreciation Day. Hosted by Edwards AFB, the day-long event provides military retirees and their spouses up-to-date information about retiree benefits and events in the retired community.

Guest speakers will discuss new and proposed legislation impacting retirees and surviving spouses and provide information on what NWC and Edwards offer retirees, such as medical and dental services, legal assistance and more.

Capt. Douglas W. Cook, NWC Commander, and Bill Davis, the Center's Retired Affairs Officer, encourage retirees or their surviv-

ing spouses living in the China Lake area to attend this meeting.

Edwards' LaMirage Enlisted Club is the site of the meeting, which starts with breakfast from 6:30 a.m. to 9:30 a.m. The program follows with an introduction of personnel and speakers. Lunch buffet in the club is served from 11:30 a.m. to 1 p.m. During the afternoon, groups such as the Veterans Administration and Social Security Administration will display information of interest on tables in the ballroom.

In addition, there will be a dinner buffet from 6 to 8 p.m. and an evening program.

For more information call the Retired Affairs Office at NWC ext. 3522. Office hours of Monday through Friday, from 9 to 11 a.m. and 1 to 3 p.m.

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(800) 522-3451 (toll free)  
288-6743 (Autovon)

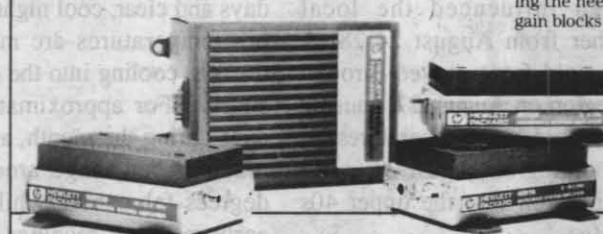


**TEAM AWARD--**Capt. B.J. Craig, Deanne Bell, Jim Byrd and Kenny Freund also were members of the 1991 NWC Air Show Team, but were absent from the original photo session. (See story and additional photo on Page 9)

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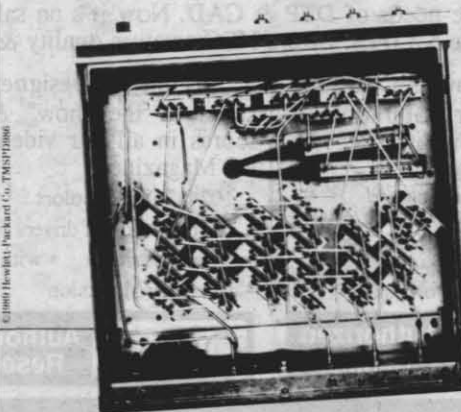
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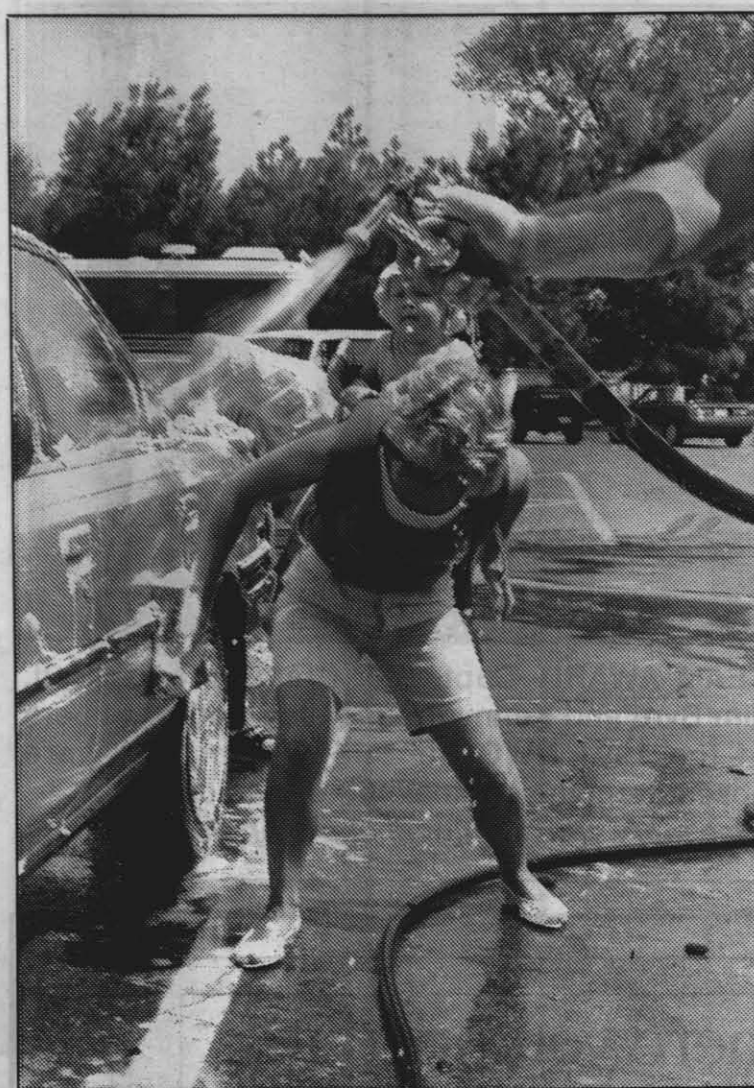
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**CAUSE and EFFECT---** At left is the cause. members of the China Lake Chief Petty Officers Community busy washing cars last Friday afternoon. And, to the right is the effect, rain, and lots of it. As the Marine Aviation Detachment members could have told the chiefs, holding a car wash in the desert, in the summer is a sure and certain invitation for rain. What the car washers need to do now, is have another one, to clean the cars that got dirty after they had been washed once. With any luck the September showers are just the start of a drought-busting wet fall and winter for California. Photo by PH3 Brady.



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## Registration being held for Mini Triathlon 1991

Now is the time to register for the Morale, Welfare & Recreation's Mini Triathlon 1991. Set for Nov. 2, the triathlon will include a half-mile swim, 25-mile bicycle race (10K) and a 6.2 mile run.

Three divisions will be featured -- a men's and women's, broken into age groups of 18-29, 30-39, 40-49, 50-59 and 60+; and a team division, for men, women or a combination thereof.

The first heat begins at 8 a.m. Contestants will be placed in a heat based on their expected completion time, with a new heat beginning every half hour through 11:30 a.m. Heat times can be verified at the NWC Gymnasium two weeks prior to the race.

Entry fees are \$20 per person prior to Oct. 14. Entries received on or after Oct. 14 will cost \$25. Checks should be made payable to MWR-REC and hand delivered to the NWC Gymnasium or mailed to Sports Division, Code 194, MWR Department, NWC China Lake, CA 93555. The gymnasium is open for hand delivered entries from 9 a.m. to 5 p.m., Monday through Friday. Whichever way the entry form is turned in, be sure both sides of the form have been completed and signed.

T-shirts will be given to all participants and individual awards will be given for first, second and third place in the individual divisions. There will be a first place award for the Team Division. In addition, there will be an award given for the "Best Overall Man" and the "Best Overall Woman."

For further information on the contest, call the Sports Division at NWC ext. 2334.

Entries are limited to the first 96 contestants, so register today!

## Volunteers needed

Volunteers are needed to help with the Morale, Welfare & Recreation Department's Mini Triathlon 1991 on November 2. There's a wide variety of work to be done, and all volunteers will receive a free Mini Triathlon 1991 t-shirt.

For more information, call the Sports Division at NWC ext. 2334.

## Gym prices remain the same

(Continued from Page 16)

Starting this October, there will be a pool spectator fee -- 50 percent of the above daily fees and charges.

Annual locker fees for FY92 are \$60 for a large locker and \$40 for a medium locker. Semi-annual rates are \$35 for a large locker and \$25 for a medium one. To receive a locker, patrons must be military or have a semiannual or annual membership.

For more information, call the Sports Branch at the Naval Weapons Center's Gymnasium at NWC ext. 6542.

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**COMMUNITY EFFORT --** Deputy Louie Allen of the Kern County Sheriff's Office accepts a check from Geoff Sellen and Larry Clark for the DARE Program, while Myriam Wright, former youth director for the Morale, Welfare & Recreation Department, looks on. Sellen, an employee with British Aerospace, and Clark, from Clark's Pool Cleaning & Service in Ridgecrest, raised the money with a 5-man soccer tournament held last June. According to Clark, this will become an annual event to raise money for the DARE Program. Photo by PH3 Cary Brady

## Flying Club members earn ratings

Two China Lakers recently advanced their standings in the China Lake Navy Flying Club, while three other members successfully completed the first phase of the WINGS (Pilot Proficiency Award) Program.

Joel Kelly, with the Aircraft Weapons Integration Department's F/A-18 Sensors Facility Branch, earned his private pilot rating when he passed a checkride on August 23. To obtain the rating, Kelly had to complete ground schooling, a minimum of 40 hours of flight time, pass a written test and show an FAA examiner he knew what he was doing in the cockpit.

According to Arun Jain, a member of the Attack Weapons Department's Air-to-Surface Guidance Branch, a checkride is similar to the driving test for

a driver's license, only they use a plane instead of a car.

Jain recently passed two checkrides -- one for a multi-engine rating and another for a commercial rating. "Technically the examiner just makes sure you know what you are doing and can handle yourself in an emergency situation," he said. "The exam shows if you have learned what you are suppose to know and if you are a safe pilot."

Edwin Brown, from the Marine Aviation Detachment; Harold Miller, from the Aircraft Weapons Integration Department's F/A-18 Aviation & Weapons Integration Branch; and Lee Phillips, from the Range Department, completed Phase I of the Pilot Proficiency Award (WINGS) Program. The (Continued on Page 18)



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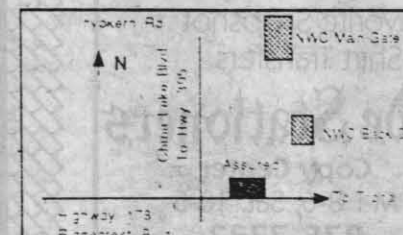


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# Sports

## NWC gym memberships now on sale

September brings the start of school, cooler weather and the expiration of the Naval Weapons Center's FY91 Adult Athletic Association memberships. Fiscal Year 1992 memberships are now available for purchase at the Naval Weapons Center Gymnasium.

Adult Athletic Association Membership includes use of the gymnasium weight room, racquetball courts, tennis courts, showers, women's sauna, men's steam room, the gymnasium and the indoor pool.

Annual membership cost is \$120 each for Department of Defense (DoD) personnel, \$140 for Senior Executive Service personnel and \$160 for all others. Military and retired military personnel, of course, receive free memberships.

Semi-annual membership (for six months, from October through March or from April through September) is \$75 for DoD personnel, \$85 for SES and \$95 for all others.

This year, patrons can purchase quarterly memberships for only \$45 for DoD and depen-

dents, \$55 for SES and \$60 for all others. Monthly rates are \$20 per month for DoD personnel and \$30 for all others.

Annual super memberships,

which include the Athletic Association and China Lake Community Pool membership (outdoor pools) are \$140 for DoD personnel, \$185 for DoD contractor personnel and \$160 for SES person-

nel. Semi annual rates are \$95 for DoD, \$120 for DoD contractors and \$105 for SES personnel. Please note, super memberships are not available to private citizens.

Daily fees for the gymnasium/indoor pool are \$2 for DoD personnel and dependents, \$2.50 for SES personnel and \$3 for all others.

(Continued on Page 17)

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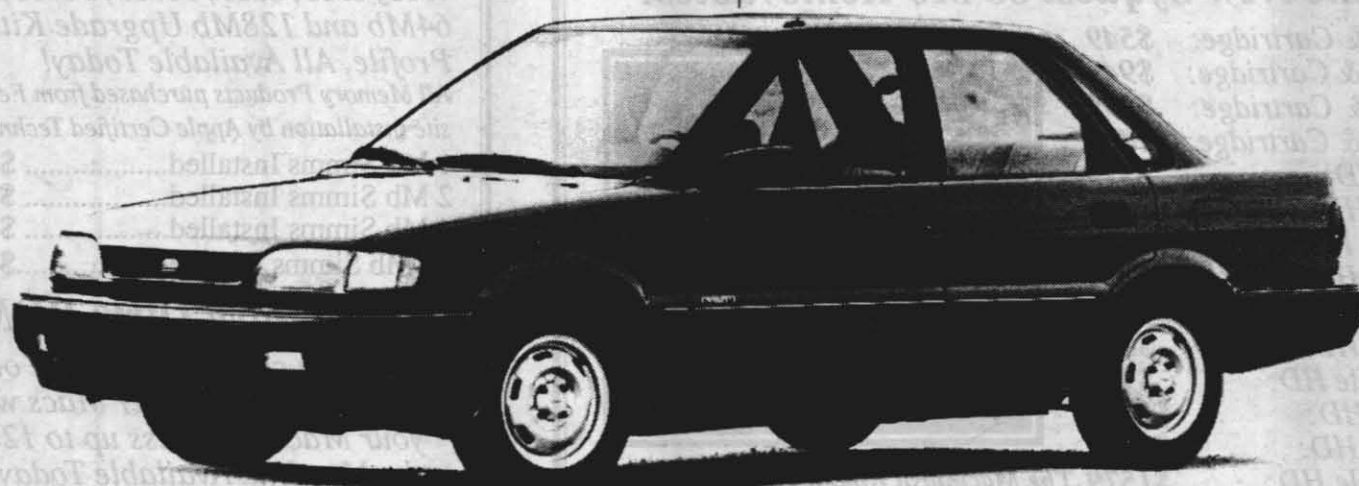
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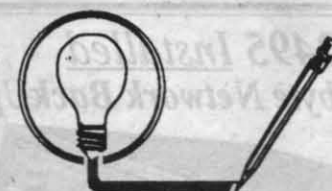
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## IDEAS Office

### The Key to Continuous Improvement

Have you heard the K Mart commercial yet? The company is telling us they are changing and growing to suit our, their customers', needs. They also say it will take five years to get anywhere near where they want to be.

The IDEAS program can say the same thing. It won't happen overnight, but each time one of us here in China Lake gets an idea and either implements it himself or gets action going on it, we climb one step closer.

In the past week, the IDEAS office has sent reports to all the departments listing the ideas that have come through our process. We asked that the information be used to recognize those people who have been thinking about continuous improvement AND by taking the time and effort to submit an IDEA, actually living it. I hope you've received some good words from your supervisors about your efforts! We've also sent out a status report to the departments on IDEAS waiting for a response. We know a fast turnaround is important to you. Keep your IDEAS coming!

We've received some positive feedback about the information we've been publishing on the implemented ideas, so without further ado -- #27, suggested by Steven Fowler, wanted to establish a Center Award for TQL. Leslie O'Neill volunteered to act on Code 05's behalf in establishing the criteria for such an award. IDEA #41, suggested by Richard Barr, requested a method for all of us to use to display all our wonderful pins (IDEAS pin, service pins, program pins etc.) besides on our pass. Code 24 thought this would be a great idea and would eliminate us using our badges (which is not legal). Anyway, the problem is solved. A piece of plastic will soon be available that will extend beyond the side of the badge so we can proudly display our pins.

If you have questions, we'd be glad to talk with you. You can reach the IDEAS office at X2311, EMail - SCF::IDEAS or QuickMail - Code\_27\_QM (M. Truesdale or B. MacIntosh).

In the last week these new Ideas were submitted: No.188, Awards Processing Streamlining, Mia McKenzie (Mia wants to eliminate the requirement of the Awards Authorization Payment form for cash awards); No. 189, Improvement of the EEO DataBase, Polly Bainbridge (Polly suggested a revision to the current database to help eliminate errors); No. 190, Communication Systems Wiring, Stanley Shearer (Stan wants to approach each building or set of buildings in a geographic area as one project, for wiring for communications); No. 191, Computer Accreditation Simplification, Jim Rieger (Jim suggests we combine the accreditation process with the annual/triennial inventory); No. 192, Color Coding Magnetic Media, Jim Rieger (use large labels with classification markings instead of trying to purchase computer disks by color); No. 193, Ordnance System Department Near Miss Committee, Ben Parsons (would establish a team to investigate near misses and to help prevent possible mishap occurrences with ordnance).

## Ada required for DoD software

Developed to encourage a disciplined approach to software development, and to reduce software development cost, the Ada Programming Language is an ISO, ANSI and DoD military standard. There is now a requirement to use it in all DoD software development.

The design of the Ada Language supports the practice of recognized software engineering principles. Ada supports the concept of encapsulation -- separation of the software implementation from its interface. This provides the ability to construct software modules as black boxes. Ada's internal checking reduces software debugging by inhibiting errors in systems continually changed to new requirements.

There are a multitude of resources available to help in the transition to Ada. NWC offers Ada programming classes and there are commercial companies that offer Ada programming classes and design methods that support software development in Ada. There are over 100 books available on the use of Ada and there is even a PC based shareware program that teaches the Ada Language. There is an Ada software repository accessible via the Internet with over 500MB of source code available. There is a local Ada interest group here, call Brad Clark, Code 3922, NWC ext. 6655.

## Library celebrates the freedom to read

During September, the Center Library joins other libraries across the nation observing National Banned Book Week... celebrating the freedom to read without censorship.

Censorship is the repression of anything to be read, viewed or heard, for some objectionable feature, on moral or political grounds. Censorship is frequently a manifestation of elitism, that is, the belief by individuals or groups that their moral or intellectual superiority makes it possible, even desirable, for them to determine which beliefs, ideas, opinions or information should be made available to others. The censor is fearful that others

lack intelligence, judgment and virtue. Librarians believe, implicitly, in the intelligence of the library's clientel and in its potential for growth through the experiences provided by library materials.

Censorship by religious, kingly and parliamentary authorities was familiar in the past. Actual or attempted repression by governmental authorities at every level is all too familiar in the present. Censorship restricts intellectual choices. Banned Book Week reminds readers that it is their right to have access to books on all subjects of interest to them, including all sides of controversial questions.

By Elizabeth Shanteler, Center Librarian

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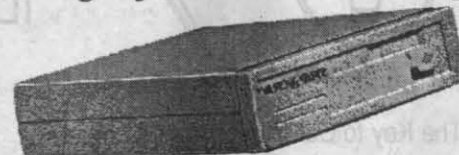
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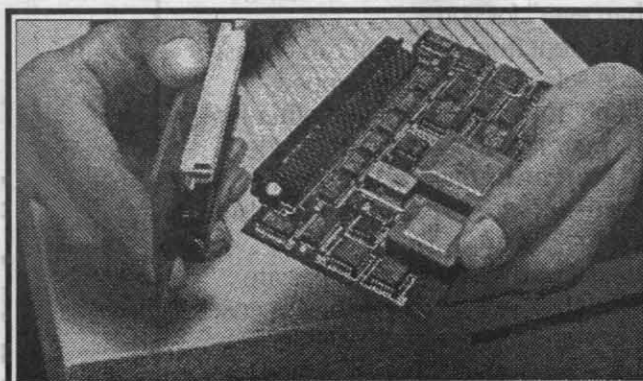


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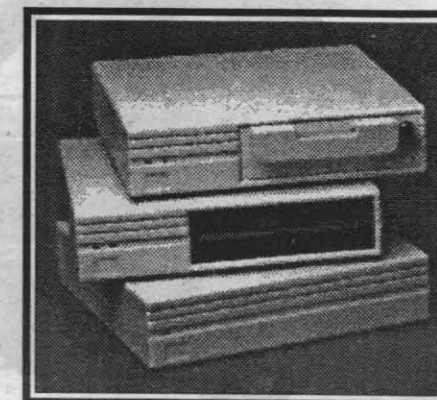


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