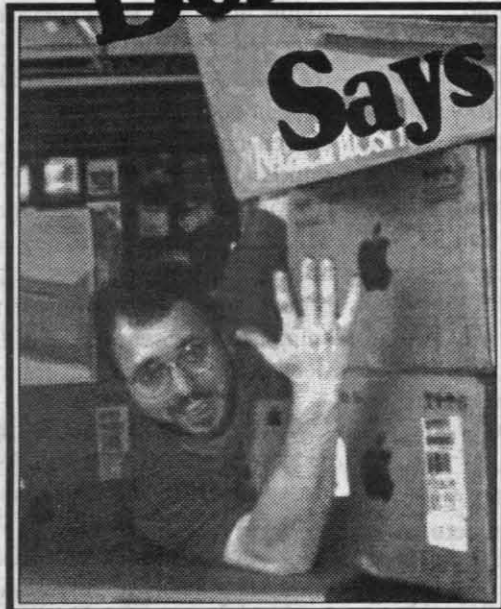


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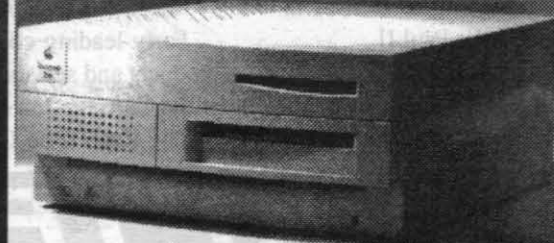
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# THE ROCKETEER

THURSDAY, JULY 15, 1993

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 49, No. 14

## Hail: Capt. R.K. Hull takes over as vice commander

By Barry McDonald  
Editor

"I really see the Naval Air Warfare Center Weapons Division as one big organization," said Capt. Roger K. Hull, two days after relieving Capt. Douglas W. Cook as vice commander of NAWCWPNS. "I wasn't at either of the two main sites during the standup or formation of the NAWC, so I don't bring any prejudice favoring one site or the other. I'll have an office here and one at Point Mugu, just as the commander does. We'll travel back and forth as necessary, as well as to the other sites."

Hull was responding to a question about when he would be moving to Point Mugu. Because Capt. Cook and NAWCWPNS Commander RADM. William E. Newman had essentially remained at the sites they had commanded before the standup and owing to the announcement that the new commander would be coming to China Lake, it has been generally assumed the new vice commander would be stationed at Point Mugu.

The vice commander said it's true his Please see **HULL**, Page 6



Photo by Terry Pascarella

**CLIMBING** aboard, RADM. William E. Newman, NAWCWPNS Commander, looks over the new Light Armored Vehicle-Air Defense. Standing on the ground is Col. R. W. Chambliss, the Marine Aviation Detachment's commanding officer. See story on Page 3.

## Farewell: Capt. D.W. Cook, aka 'Doggone Doug,' and wife, Robin, were guests of honor at The Last Hee Haw

By Steve Boster  
Managing Editor

Captain Douglas W. Cook (perhaps better known now as Doggone Doug) came to China Lake in July of 1989 to take the reins as the 26th commander of the Naval Weapons Center and Naval Ordnance Test Station. He became the last NWC commander when the Naval Air Warfare Center Weapons Division was formed last year.

And, last Tuesday, four rewarding, interesting and challenging years of duty here came to a close as the vice commander of NAWCWPNS stepped aside and prepared for a new role.

With no fuss, no fanfare and no ceremony, Capt. Roger Hull took the reins as division vice commander on July 6. Hull comes to the job from a tour as the last commanding officer of the Naval Weapons Evaluation Facility (NWEF) in Albuquerque, N.M.

After four years at China Lake, Cook is headed back to the Washington, D.C., area with the Naval Air Systems Command. VADM. William C. Bowes, NAVAIR Commander, announced that Cook will head up the overall planning and execution effort of implementing the Base Realignment and Closure Commission decisions for the Naval Aviation Systems TEAM.

Last Wednesday evening Cook and his wife, Robin, were honored guests at a

farewell party hosted by RADM. William E. Newman, NAWCWPNS Commander, and Sterling Haaland, deputy commander for research and development.

Called "The Last Hee Haw," the evening featured food from Hitters Restaurant, country music thanks to Ted Lemon's "Sound Express" and a large ration of humor aimed at Cook.

As part of the ceremony, Newman designated Cook as "Doggone Doug," Please see **COOK**, Page 8

### New photo image badging system earns team award

Mike Benson, John Hammonds, James Pinnell, Susan Banks and Eric Van Bronkhorst honored

5

### Michelson Laboratory Awards

Eleven China Lakers saluted at awards luncheon July 1 at the Seafarer Club

10

### Larry Boyer recipient of the Kit Skaar Award

Firing officer wins recognition for his high standards of safety, professionalism and dedication

12

### Environmental Projects Office has new leader

Jon Osgood wants to change the office's image of "enforcer" to that of a support office

14



## Weather

	Max.	Min.	Gusts	Humidity
Wed	109	61	15	38-10%
Thurs	110	64	24	37-11%
Fri	—	—	—	—
Sat	—	—	—	—
Sun	—	—	—	—
Mon	109	62	17	—
Tues	108	69	20	45-12%

	Max.	Min.	Gusts	Humidity
Wed	110	68	22	45-11%
Thurs	112	69	19	38-09%
Fri	110	68	—	35-11%
Sat	—	—	—	—
Sun	108	65	16	—
Mon	107	70	21	38-11%
Tues	107	66	22	42-11%



## China Lake Calendar

### Monday-Friday, July 26-29

• Transition Assistance Program Workshop for military personnel. Call 927-3785 to register

### Tuesday, July 27

• VX-5's Change of Command, Hangar One, 10 a.m.

### Thursday, August 5

• Graduation Recognition Presentation, 1-1:40 p.m., Room 1000D, Michelson Laboratory

### Tuesday, August 10

• Capt. Craig's Farewell Party, Seafarer Club, 5:30 p.m.

### Thursday, August 12

• NAWS Change of Command, Admin Lawn, 8:30 a.m.

### Coming Events

### Friday-Sunday, Nov. 5-7

• 50th Anniversary Celebration

## THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION  
COMMANDER

RAdm. William E. Newman

VICE COMMANDER

Capt. Roger K. Hull

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

DEPUTY COMMANDER FOR TEST AND EVALUATION

Gerald Wroot

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. B. J. Craig Jr.

Public Affairs Officer

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## The Commanding Officer's Desktop



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

### QUESTION

Is anything ever going to be done about the dangerous traffic situation at the intersection of Lauritsen and South Richmond roads, near the south gate of NAWS? Anyone who drives this area regularly knows how "hairly" this intersection can be during peak traffic hours. I've seen several close calls.

The danger in this intersection lies in the need to watch multiple streams of traffic simultaneously, together with the high speed non-stop traffic on Richmond Road. Traffic on Lauritsen Road can be backed up for minutes while drivers try to find an opening to cross or turn onto Richmond, and this must be done from a dead stop with cross-traffic moving at highway speeds (the speed limit is 45 mph, but that doesn't affect those barreling along at 50 or more). All it takes is one left-turning vehicle to stall traffic in the intersection and set the stage for a multi-car crash. Such a pileup is a real possibility, especially at night or in bad weather where the ability to negotiate an already tight traffic situation becomes dangerously impaired.

It took a four-way stop with traffic lights and wider roads to stop crashes and traffic deaths further south at Richmond and Trona roads, where a similar situation once existed. If such an improvement at Richmond and Lauritsen is not in the cards (or in the budget), would it be reasonable to at least reduce the speed on Richmond to 35 mph from Burroughs Avenue to the south gate? It would give all drivers a better chance to cope with traffic at the Richmond-Lauritsen intersection.

### ANSWER

We are directed by OPNAV instruction to follow the standards set forth in a U.S. Department of Transportation, Federal Highway Administration publication titled "Manual on Uniform Traffic Control Devices." The purpose of this publication is to help insure highway safety by providing an orderly and predictable movement of all traffic and to provide such guidance and warnings as are needed to insure safe and informed operation of individual elements of the traffic stream. Congress set forth this publication as the standard in 1966 and was a culmination of years of study.

This publication establishes clear guidance for the use of stop signs. The guidance for a four-way stop at this intersection are:

1. An accident problem, as indicated by five or more reported accidents of a type susceptible of correction by a 4-way stop in a 12 month period.

2. Minimum traffic volumes:

a. The total vehicular volume entering the intersection from all

Please see **DESKTOP**, Page 18

## VX-5 Change of Command ceremony scheduled July 27

Captain Scott C. Ronnie will relieve Capt. Garth A. Van Sickle as commanding officer, Air Test and Evaluation Squadron Five during a change of command ceremony set for Tuesday, July 27. The event, in Hangar One, begins at 10 a.m.

RAdm. Lyle F. Bull, U.S. Navy, Retired, will be the guest speaker.

Immediately following the change of command ceremony, a reception for invited guests will be held at the Seafarer Club. An all hands reception will be held in the VX-5 Hangar.

Capt. Van Sickle's next assignment is head of the Aviation Strike/ASUW Section (N880D) for the Chief of Naval Operations in Washington, D.C.

## Pages From The Past

### July 15 & 22, 1983

Duane Powers, NWC's chief hot air balloon pilot, is joined by Art Hickle and Gary Bartlett in providing a low-cost test platform. . . Kenneth Bryan and Perry Alger became the latest China Lakers to earn the coveted Navy Meritorious Civilian Service Award. . . John Woodbridge is the first civilian named as deputy director of supply at NWC. . . George Linstead was honored by the Technology Transfer Society with the first Thomas Jefferson Award. . . China Lake Mountain Rescue personnel and the NWC SAR helo were involved in a search for a missing hiker.

### July 13 & 20, 1973

George Burdick became just the third China Laker to win the Technical Director's Award. . . Ben Husten retired as head of the NWC Fuze Department after a 35-year civil service career. . . Gil Plain, NWC educational director, was named to the Kern Community College District Board of Trustees. . . Seventy-eight NWC employees retired last month, a record. . . Master Chief Petty Officer of the Navy, John Whittet, visited China Lake last week. . . Twenty Kern County youngsters spent four weeks at NWC as part of the Kern County Youth Service Program.

### July 12 & 19, 1963

The Navy sent NOTS a C-131F "Samaritan" to replace the old C-117 "Skytrain" that was sent back to NADC, Jacksonville. . . NOTS scientists will be among those aboard a DC-8 "flying laboratory" sent to chase the moon's shadow during the July 20 eclipse. . . LCdr. L. B. Shults is the new commanding officer of enlisted personnel at NOTS. . . After 18 years of Marines on the gates, a 52-man force of armed sailors has taken over, led by Master Chief Donald Smith.

### July 17 & 24, 1953

Gilbert Plain was named acting head of the Physics Division of the Research Department. . . LCol. John Blackwell relieved LCol. Bell as CO of the Marine Guided Missile Battalion at NOTS. . . Lawrence Christian, a security guard at Salt Wells, accidentally shot himself in the left buttock, he was treated and released.

## COMMUNITY EVENTS

On July 16, members the All Faith Chapel and St. Ann's will host World Youth Day '93 Bingo at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd., to raise money so that youth from the two churches can earn their way to Denver in August to see Pope John Paul II. Doors open at 9 a.m., with play starting at 10 a.m. Hot dogs, chips and sodas will be sold, while free coffee will be available for all players. All players must be 18 years of age or older.

####

Members the All Faith Chapel's and St. Ann's Youth Group will host a pancake breakfast Sunday, July 18 at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd., from 8 a.m. to noon. Cost is \$3 per adult and \$1.50 for youth under 12. All proceeds will be donated to the Youth Group going to Denver in August to see Pope John Paul II

####

Committee members who are gathering memorabilia commemorating 50

years in the Indians Wells Valley for the Desert Empire Fair in October will hold a meeting in the Board Room In Joshua Hall (at the fairgrounds) at 6 p.m. July 20. Members invite anyone who has memorabilia to share and contribute to attend this meeting. For further information, call Barbara Padgett at 446-3571.

####

On July 20 and 22, the America Red Cross Office at the Naval Air Weapons Station China Lake will host a Community First Aid & Safety class from 5:30 to 10 p.m. A Super Sitter class will be held July 21 from 2 to 6 p.m. For more information about these classes, call 939-3208 or visit the office, 1908 Dobb Road, between 9 a.m. and 12:30 p.m. As always, volunteers are still needed to help man this local office.

####

Forty leading companies will exhibit products and services Thursday, July 22, at the Carriage Inn in Ridgecrest as part of The Real-Time Computer Show. The

table-top event will showcase vendors associated with real-time applications, allowing end-users to interact with the manufacturers of cutting edge real-time technology. The one-day event starts at 8:30 a.m. and closes at 3 p.m. A complimentary lunch will be offered. To register for the show, call The Real-Time Computer Group at 800-755-7380.

####

Artist Don Banfield will hold an oil painting class Friday, July 30, from 9:30 a.m. to 4:30 p.m. at 325 S. Downs. The fee of \$35 per person covers instruction, materials, loan of equipment and includes a 16" x 20" canvas. Call 375-7301 to register.

####

This fall, UCLA Extension will present seven short courses on topics featuring defense engineering applications. Courses covered include Airframe Stress Analysis, Electric Vehicle Technology, Batteries and Fuel Cells: Applications and Performance, Structural Integrity of New and Aging Metallic Aircraft, Composite Materials: Selection and Use in Engineering Applications and Composite Airframe Structures. For a brochure detailing courses, call (310) 825-1047.

####

As of July 1, the Kern County Department of Public Health has implemented a new fee schedule. Services

affected by the new fee schedule include immunizations, sexually transmitted disease clinics, tuberculosis screening, laboratory testing, child health clinics and animal control services. The new fee schedule is: immunizations: maximum cost per family, \$15; sexually transmitted disease registration, \$8; tuberculosis follow up exam, \$6; premarital/post-lab interview, \$5; child health clinic, sliding fee scale; senior citizen dog license fee, \$10; impound/multiple violations/unlicensed dogs, \$40 to \$160; redemption impound/licensed dogs, \$25; redemption impound/spay & neutered dogs, \$15; animal leash processing fee, \$1.50; animal dipping fee, \$.50; cat breeders/permits in-lieu-of fee, \$75; animal trap rental fee, \$5 a day, \$25 a week; and annual cat registration, \$6.

####

Gary Charlton's State Farm and the Ridgecrest New Car Dealers Association are sponsoring the fifth annual Golf Contest to benefit the Indian Wells Valley Association for Retarded Citizens on Friday and Saturday, July 16 and 17, at NAWS China Lake Golf Course. Participants compete in contests on many of the holes for prizes, including a new car for the first hole-in-one on Hole #6! There is a \$10 tax deductible participation fee each day. No pre-registration or handicap is necessary.

For more information call 375-9787.

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### 35 AUTOMOTIVE

1989 SAAB 9000 TURBO. Fully loaded, leather, elect. locks, seats, windows, mirrors. 4W ABS, air bag, tint, below wholesale blue book. Must sell to purchase home. Car can be seen at Commissary. (619) 446-4499. (0715)

1990 EAGLE TALON Tsi TURBO. Prem. stereo, cruise, air, rear window wiper, intermittent wipers both, lumbar support adg., elect. locks, window, mirrors, tilt, 32k miles, lay off forces sale. Blue book \$13,610. Sell \$13,500. Must see, Mike 375-5932. (0729)

1993 MAZDA B2200 SE5, 3,200 miles, buy or take over payments, bed liner, mats, AM/FM cassette, tach, lock, lay off forces sale. Blue \$11,500, Sell \$10,000. Mike 375-5932. (0729)1993

1986 HONDA PRELUDE, mint, 1 owner, loaded, well maint, moving. (805) 985-6046 Days. \$6,300 OBO. (0729)

### 40 MISC. FOR SALE

ROUNDUP WEEDKILLER: Why pay \$48.95 at WalMart or \$44.96 at HomeBase for quart super concentrate. Repackaged from bulk with instructions. \$29.50. Makes 21 gallons. 377-5942. (0715)

GOLF CLUBS. Over 80 Refurbished Woods. The Clubs are like new, \$10 & up. All kinds of repairs 375-9642. (0715)

SPORTS CARD SHOW Sat July 25th, 10 am-5pm. Carriage Inn, 901 N. china Lake Blvd. Free cards with this ad. Tera, 909/949-9834. (0715)

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## Handbook deals with issues relating to care of elderly

By Master Sgt. Linda Lee  
American Forces Information Service

Recent national studies show more than 40 percent of the American population will be involved with elder care by the end of 1998.

That means two out of every five people will have to deal with the issues and problems related to the care of an elderly family member—a parent, sibling or whomever, said Gail McGinn, the Department of Defense's principal director for personnel support, families and education. The numbers don't include actual care providers, but only those responsible for finding care and assuming financial responsibility, she added.

"We're going to be faced with the reality of dealing with elder care issues," she said. "All of our people will be addressing the problem in one form or another. It's an issue that isn't going to go away. We want to help them be able to provide the best quality of life for that individual that they can."

"Reducing conflict with family responsibilities and providing a desirable community lifestyle responding to the unique needs of service members, civil-

ians and families are of utmost significance," she added.

Toward this end and with the realization that most military people will be long-distance caregivers, McGinn said, DoD recently published the "Eldercare Handbook."

"This guide can serve as a clearing house to put people in touch with a full range of agencies that provide assistance," McGinn said.

The booklet addresses a wide range of subjects from financial and legal issues to how to pay for care to housing options to how to communicate with the elderly, McGinn noted. Other areas covered include understanding the aging process and chronic conditions that can affect the elderly. How to be a long-distance caregiver and what support is available through DoD are also important parts of the book, she said.

DoD has distributed the Eldercare Handbook to military installations worldwide, said McGinn. To see a copy or for more information, check with Bill Davis in the Retired Affairs Office, located in Room 8 of the Security Building on the corner of Knox and Blandly.

## Video Listings

## KNID & TVIS

### KNID

NOTE: Navy Channel 17 continues to highlight China Lake's 50th Anniversary with historical film each programming evening. Watch for NOTS Newsreels in upcoming weeks, scheduled at 5:55 p.m. after Navy News.

#### Monday-Friday, July 19-23

5:30 p.m.: Navy News  
5:55 p.m.: Historical Film: Variable Angle Launcher  
6:10 p.m.: Navy-Marine Corps Team in the New World Order: Steady On Course  
6:22 p.m.: Hawaii: Beauty  
Monday-Friday, July 26-30  
5:30 p.m.: Navy News  
5:55 p.m.: Historical Film: Dart: A High Speed Aerial Tow Target  
6:05 p.m.: All About Penguins  
6:30 p.m.: On The Wings Of The World

### TVIS

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program — the room number will be posted in the lobby. Note: We have obtained a subscription to distribute CNN Headline News over the TVIS. CNN Headline News can be seen weekdays from 7 a.m. to 5 p.m. on Channel 1.

#### Tuesday, July 20

8:30 a.m.: Guide to Business Negotiating, With Roger Dawson  
9:45 a.m.: Tom Peters: The Leadership Alliance  
11:00 a.m.: Wellness: Relaxation Video  
1:00 p.m.: Macacademy: Excel—Part 3 of 4  
3:00 p.m.: Wellness: Health Walking

#### Thursday, July 22

8:30 a.m.: Tom Peters: Liberation Management  
9:30 a.m.: Morris Massey: Flashpoint: Where Values Collide  
11:00 a.m.: Wellness: Relaxation Video  
1:00 p.m.: Macacademy: Excel—Part 4 of 4  
Tuesday, July 27  
8:30 a.m.: How To Be A Winner With Zig

Ziglar  
9:30 a.m.: Setting Goals With Zig Ziglar  
10:30 a.m.: Empowerment: Even Eagles Need A Push  
11:00 a.m.: Wellness: Relaxation Video  
1:00 p.m.: Macacademy: Filemaker Pro—Part 1 of 3  
3:00 p.m.: Life After Retirement

#### Thursday, July 29

9:00 a.m.: Strategies For Successful Weight Loss  
11:00 a.m.: Wellness: Relaxation Video  
1:00 p.m.: Macacademy: Filemaker Pro—Part 2 of 3  
3:00 p.m.: Morris Massey: Dancing With The Boogeyman

## Marine Corps Commandant visits China Lake to kick off LAV-AD operational tests

General Carl E. Mundy, Commandant of the Marine Corps, was at the Naval Air Weapons Station China Lake to kick off the start of the Light Armored Vehicle - Air Defense (LAV-AD) Operational Test July 9. Accompanying Mundy were BGen. Pace and SgtMaj. Overstreet, sergeant major of the Marine Corps.

The LAV-AD is an eight wheeled light armored vehicle with air defense capabilities consisting of ready-to-fire Stinger missiles and a 25MM GAU-12/U gating gun capable of firing 1800 rounds per minute. The LAV-AD meets the Marine Corps requirements for a highly mobile, low altitude air defense weapon station that complements the already proven LAV family of mission role vehicles.

The LAV-AD is undergoing a two-month rigorous operational test at China Lake under the watchful eyes of LtCol. Rick Bartzler and Maj. Jean Malone from the Marine Corps Operational Test and Evaluation Activity at Quantico, Va.

Mundy, along with Pace and Overstreet, were at the airfield today to be briefed by Col. Jim Lenard, the LAV

program manager from the Tank Automotive Command in Warren, Mich. Lenard briefed LAV-AD program highlights and gave the commandant the opportunity to discuss program issues. The commandant then manned the LAV-AD gunners position and operated the new air defense system, tracking helicopter and fixed wing aircraft, dry cycling the gun and witnessing first hand the highly technical expertise involved in operating and maintaining the LAV-AD.

Mundy spoke to many of the Marines who have been involved with the LAV-AD and was able to gain an "insiders" perspective of the benefits of introducing the LAV-AD into the Marine Corps fleet of LAVs.

Col. Richard Chambliss, commanding officer of the Marine Aviation Detachment at China Lake, stated as far as he knows, "this is the first time a Commandant of the Marine Corps has visited China Lake, and through the superb efforts of the Marines, sailors and civilians from NAWC, NAWS, LAV and the MAD, the commandant's visit was a success."

## MILITARY NEWS



TID photo

**FIRST-TIME VISIT**—RAdm. William E. Newman, NAWCWPNS Commander, talks to Gen. Carl E. Mundy, Commandant of the Marine Corps, and his wife, Linda. According to the Marine Aviation Detachment Commanding Officer, Col. Richard Chambliss, this is the first time a Marine Corps Commandant has visited China Lake. Mundy visited the Station to help kick off the start of the Light Armored Vehicle-Air Defense operational testing.

## Commander Gil Baron ends 37-year career, but plans to stay in uniform

By Steve Boster  
Managing Editor

Teaching young sailors about the Navy and how to maintain naval aircraft has been a big part of Cdr. Gil Baron's life for the past 37 years. On the first of July, he ended his active-duty career with the U.S. Navy at a retirement ceremony in Hangar Three at the Naval Air Weapons Station China Lake.

But Baron won't stay retired for long. The lure of teaching and the desire to stay in uniform have led him to Mississippi as an instructor in the Navy Reserve Officer Training Corps (NROTC) program at a high school in Grenada, Miss. He quipped that he won't even have to change uniforms or have to buy a whole new wardrobe of mufti.

A New Mexico native, Baron entered the Navy as a high school airman recruit in 1960 and steadily climbed the ladder of a naval career. He made chief petty officer in the enlisted ranks before earning selection as a warrant officer in 1968 and then gaining a commission in the limited duty officer (LDO) program in 1971.

Baron came to the then Naval Weapons Center to head the Aircraft Maintenance Division in April of 1989. This tour was a homecoming of sorts for Baron. As a petty officer third class in 1957 he served a tour of duty with Air Test and Evaluation Squadron Five at the then Naval Ordnance Test Station, where he qualified as a plane captain on the A-3, FJ-4B and TV-2 aircraft.

Capt. B.J. Craig, commanding officer, NAWS China Lake, said today (July 1) was "a positive day, a happy day for Gil." The Skipper paid tribute to Baron's work with the sailors who were gathered for the event. He praised the training, education, inspiration and leader-



**TAKING** that last walk are Cdr. Gil Baron and his wife, Judy. Baron ended a 37-year career July 1.

ship sailors had received from Baron throughout his career. "They [sailors] were the key to his career," added Craig. In his new role, he will continue to be a leader and educator of young people, the Skipper noted.

Baron's last boss in the Navy, Capt. D.J. Stone of the

Aircraft Department, said it was "a fine Navy day," as he talked about the myriad changes in the world, the nation and the navy since July of 1956 when Baron first reported for active duty.

Stone told Baron, "You far exceed the basic standards" of what the nation expects of a good Navy officer.

He concluded, "You are a member of the Navy family, our family, my family — you will not be forgotten."

Judy, his wife of many years, received a letter of appreciation from Capt. Craig and was praised for her own dedication to the Navy. She, like her husband, has been heavily involved in many community activities.

They are the parents of five children, Eileen, Mark, Paul, Martin and Michael.

"Today really marks the start of my second career, but it probably won't last as long as the first. Thirty-two years ago when I checked into NOTS at VX-5, little did I think I'd be winding up my career here, or even come back to China Lake."

"It's been a good career and it's time to go on," concluded Cdr. Baron as he formally retired from the Navy.

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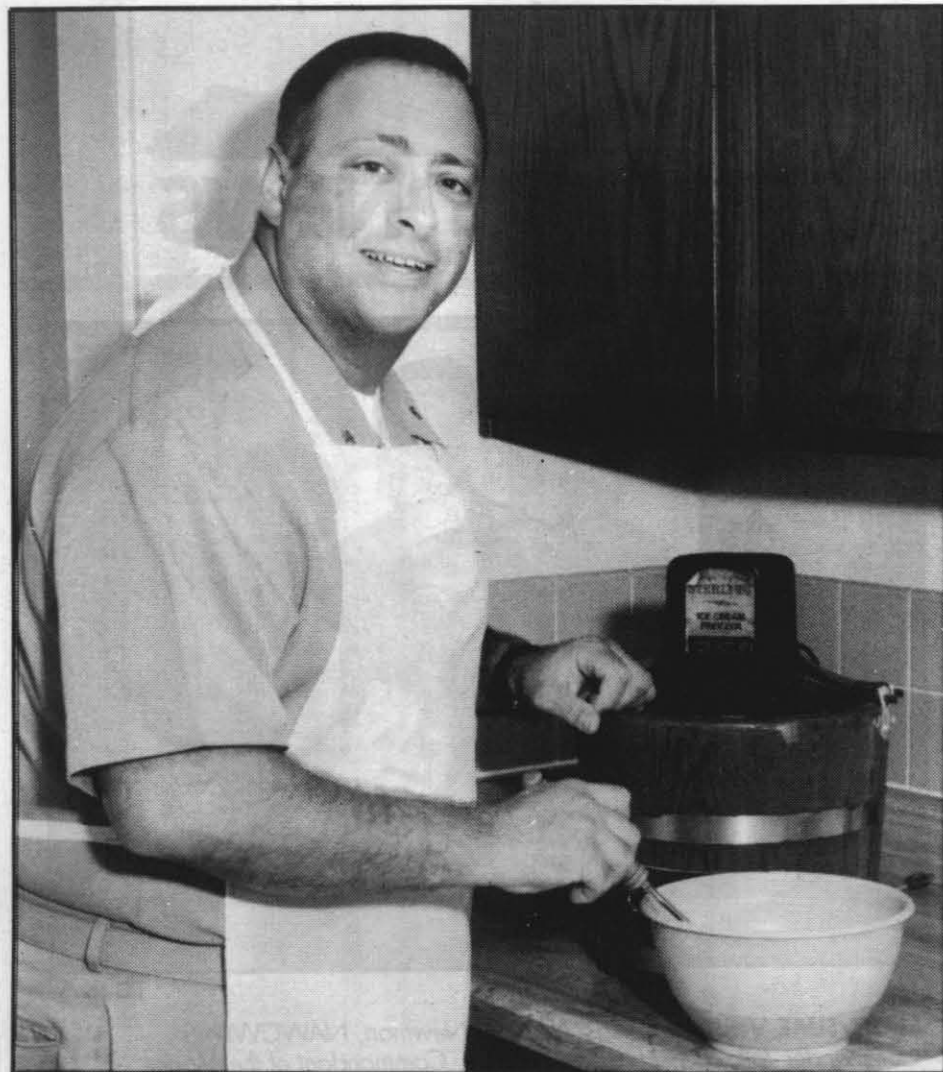


Photo by Terry Pascarella

**PREPARING** for the Ice Cream Social set for July 20, LCdr. T. Mele, Command Chaplain, prepares to sample a batch of freshly-made ice cream.

## Annual ice cream social planned

On Tuesday, July 20, members of the Protestant Women of the Chapel will hold their 42nd annual Ice Cream Social on the lawn of the All Faith Chapel (located on Blandy Avenue across from Bennington Plaza. From 6 to 8:30 p.m., homemade pies, cakes and ice cream will be served. Throughout the evening guests will be able to enjoy the music of The Dixieland Band.

Tickets are \$3 for adults and \$1.25 for children 11 and under. Activity tickets are three for \$1. Tickets are available after services on Sundays, in the chapel office during the week and at the door

the evening of the social.

One of the activities planned, is the sponge throw, with Chaplains Mele and Alicea, and John Hubbard, youth director, volunteering as targets.

Other activities include washable tattoos, the duck pond, ring toss, bean bag throw and so forth.

Proceeds will go to the PWOC's mission projects, which include the Indian Wells Valley Association for Retarded Citizens, Women's Center, God's Drill Team, Ridgecrest Youth Ministries, Desert Counseling Center Children's Service, Bakersfield Lifeline Center and three foreign missions.

## Chapel Call

By LCdr. T. Mele, CHC, USN  
Command Chaplain



## Paradox: Triumph can grow out of suffering

That triumph grows out of suffering is a paradox shared by people of many faiths. It is precisely in suffering that God is known and is present. This conviction of ultimate triumph beyond current disaster lies behind the following story.

Rabbi Akieba took a trip to a strange land. He took an ass, a rooster and a lamp. Since he was a Jew he was refused hospitality in the village inns, so he decided to sleep in the woods. He lit his lamp to study the Holy Books before going to sleep, but a fierce wind came up knocking over the lamp and breaking it. So he decided to turn in, saying, "All that God does, he does well." During the night some wild animals came along and

drove away the rooster and thieves stole the ass. Rabbi Akieba woke up, saw the loss, but still proclaimed easily, "All that God does, he does well."

He then went back to the village where he was refused lodging only to learn that enemy soldiers had invaded it during the night and killed all the inhabitants. He also learned that these same enemy soldiers had traveled through the same part of the woods where he lay asleep. Had his lamp not blown out he would have been seen. Had not the rooster been chased away, it would have crowed, giving him away. Had not the ass been stolen he would have brayed. So once more he said, "All that God does, he does well!"

## CNO enjoys local environmental video, 'Blueprint for the Future'

(Editor's note: The following is a letter from the Chief of Naval Operations, Adm. Frank B. Kelso to RAdm. William E. Newman, Commander, Naval Air Warfare Center Weapons Division, dated June 28, 1993.)

I recently reviewed the outstanding videotape you sent me entitled "Blueprint for the Future," which outlined many of the fine environmental

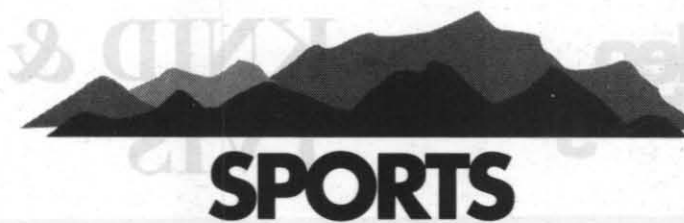
efforts that your command has undertaken. The superb technical quality of this production and clarity of your message made it clear that your command is fully committed to environmental excellence.

Please extend my heartfelt thanks to all members of your environmental and production staffs as well as my congratulations for a job well done. Keep putting out the good word.

## Carpooling can save billions of gallons of gas

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## Youth baseball camps scheduled

Cerro Coso Community College's Coyote Baseball Program is offering two separate camps this summer. From August 2-4 there will be a camp for youth 8 to 12 years of age, while a camp for ages 13-18 will be held August 9-11. Both camps will be held from 8 a.m. to noon at the Kerr McGee Athletic Complex in Ridgecrest.

The cost of the camp, \$60, includes excess liability insurance, field instruction and a T-shirt for each athlete. Video analysis will also be available for an additional \$15.

All participants will need to provide daily practice gear (mitt, shoes, hat, and appropriate apparel to meet the weather demands). A water jug and sunscreen are recommended.

Coyote head baseball coach Dick Adams and assistant coach David Navarro will emphasize instruction in the fundamental skills of hitting, pitching,

fielding, catching and throwing. Analysis of strengths and weaknesses will be made. Suggested improvements will come from personalized instruction. A small player-to-coach ratio should enable each player to receive maximum personalized instruction. The camps' goals are to stress improvement, development and the realization of each player's potential.

The Coyote camp will also have a special guest instructor. Tony Torres, an infielder for the High Desert Mavericks, will appear at both camps to work with the hitters and fielders. Torres currently plays second base for the Florida Marlin farm club. He was drafted last year from the University of Nevada, Reno. He was an All-State player at Contra Costa Community College in San Pablo, California.

For more information, call 375-5001, ext. 386.

## Sponsors needed for the 1993 China Lake Challenge

Last year a survey was sent out to those who participated in the China Lake Challenge. Of those who responded, 25 percent stated what they liked best about the challenge was the opportunity for team building with co-workers and families in a non-work environment. All Naval Air Warfare Center Weapons Division and Naval Air Weapons Station China Lake employees who are looking for ways to build morale in their work groups, reduce stress and have fun, are invited to get involved in the 1993 China Lake Challenge.

The challenge will be held Oct. 16. Softball and volleyball tournaments are taking place in the weeks prior.

Branches, divisions and departments are encouraged to sponsor events in the

challenge. Events held in previous years that currently need sponsors include the competitive softball tournament, hoop shoot, soccer course, target golf, two-mile walk, relay races, competitive volleyball tournament, jump rope, soccer games, golf mile run and exercise cycles.

This is not a conclusive list. Challenge coordinators are open to suggestions for other activities that will all people of all ages and activity levels to get together with co-workers for some friendly morale-building activities.

Activities must be decided before the end of July. People who would like to help with this year's challenge, whether with suggestions, sponsoring an activity or as volunteers are asked to call 939-0880 as soon as possible.

## Flag football leagues are forming

Flag Football leagues are being formed by the Sports Division of the Naval Air Weapons Station China Lake Morale, Welfare and Recreation Department. Leagues are open to military and Department of Defense employees, DoD contractors and private citizens. Women are also urged to join.

Managers can pick up rosters at the NAWS gymnasium and individuals interested in playing on a team can register by calling Karen Rivers, gym manager, at 939-2571.

Rosters are due from all coaches no later than July 23.

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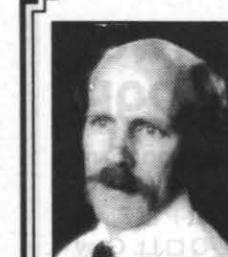
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Men's Prayer Breakfast, East Wing, Thursday  
Officers' Christian Fellowship/Christian Military Fellowships,  
East Wing, Thursday

### Jewish (446-3613 Messages)

Weekly Services, Friday, East Wing  
October through June  
Hebrew Classes, Saturday, 1902 Dibb  
Adult Education, Saturday, 1902 Dibb  
September through June  
Religious School, Sunday, 1902 Dibb

### Roman Catholic

8:00 a.m. Sunday Mass, Main Chapel  
10:30 a.m. Daily Mass, Blessed Sacrament Chapel  
9:00 a.m. Confessions, Sundays  
9:00 a.m. Confessions, Weekdays By appointment  
11:30 a.m. Religious Education Classes, Sunday  
(September thru May)  
7:00 p.m. 1902 Dibb, 1002 Blandy,  
1008-10 Blandy &  
1903-05 Mitscher  
10:15 a.m. Adult Education Classes, Thursdays  
(September - May)  
7:30 p.m. St. Ann's School Library  
2-5 p.m. RCIA, St. Ann's School Library  
10 a.m. - noon Islamic  
Jumaa Prayer, Friday (1002 Blandy)  
1:00 p.m.



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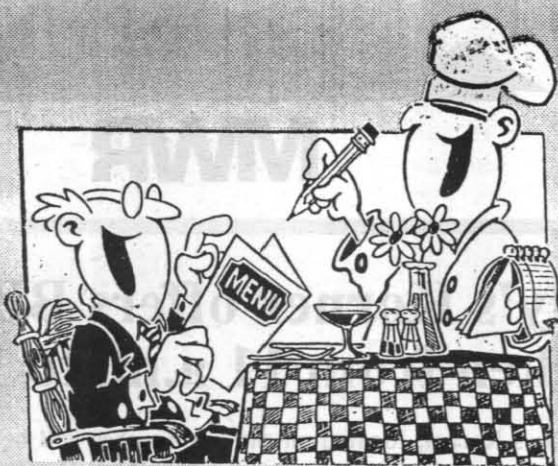
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## Five China Lakers honored with Team Award

By Peggy Shoaf  
Staff Writer

Designing, developing and implementing a new photo image badging system for the Naval Air Weapons Station China Lake resulted in a Naval Air Warfare Center Weapons Division Team Award for Susan Banks, Mike Benson, John Hammonds, James Pinnell and Eric Van Bronkhorst. The five were honored at a special ceremony by Capt. B.J. Craig, commanding officer of NAWC China Lake at the end of June.

According to the letter of nomination written by Roy Parris, head of the Safety and Security Department at China Lake, this team was responsible for thoroughly researching equipment and software interfaces required to develop a system that greatly reduced the time it takes to issue a badge.

The new system allows a picture to be taken via a video camera that is then stored in a data base for multiple re-use. With a picture and signature on file, a badge can be fabricated and ready for the customer to pick up or preprinted and passed out at meetings, eliminating a lengthy wait at the badging office.

"The time it takes to rebadge an entire contractor company has been

greatly reduced," Parris wrote. "Two major contractors have been rebadged at a considerable savings because pictures were already on file. This new system continues to produce savings each time the Station needs to re-badge military, civilian or contractor employees."

Parris noted during the ceremony that the word "team" took on new meaning with this team because this isn't a group of people used to working together. Rather, five NAWC employees, utilizing their individual expertise, came together to benefit the badging office, thereby helping China Lake as a whole.

Benson, from the Safety and Security Department's Computer Systems Office, was responsible for researching what was needed to develop a system that could meet the Station's needs now and in the future, and helping to design and develop the initial system. James Pinnell, head of the Information Security Branch, assisted with the design of the new badge; and John Hammonds, head of the Security Division, insured that the new badges would carry all the necessary security information. Bronkhorst, from the Research Department, helped the team come together by writing a lot of the programs to put the system online. As team leader, Banks, also from the Computer Systems Office, oversaw



**TEAM AWARD** recipients Mike Benson, John Hammonds, James Pinnell, Susan Banks and Eric Van Bronkhorst hold their plaques and citations.

the entire process.

Capt. Craig noted the badging system developed at China Lake has already been incorporated at Point Mugu and that the badge format will be used for all NAWC badges and is being considered

for all NAVAIR badges. "This contribution to the Navy and DoD is not insignificant," the commanding officer said.

Since the new system went on line in August 1992, more than 15,000 badges have been issued.

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## HULL, from Page 1

wife, Alison, and children, Nathan and Rachel, live at Point Mugu and the new commander will live at China Lake, "but we are both assigned to the Weapons Division as a whole, not one specific site. And I intend to operate that way, not focusing on the needs of one site over another, but what's best for the whole organization."

"Perhaps I shouldn't speak for the new commander, since I don't even know who it will be, but I see us working as a team. A vice commander to a commander is the same thing as an executive officer to a commanding officer. There's always a second in command. Admiral Newman and I talk on a daily basis, usually several times a day, and we're constantly discussing who should focus on what. And I'm sure that will continue with the new commander. There's no detailed job description for the top managers of a military organization, just as there's no job description for the top managers of a major corporation. They just do whatever it takes to run the organization."

Hull spoke highly of Cook's decision to stay on as vice commander at the formation of NAWCWPNS. "He was all set to go somewhere else," he said. "But the admiral asked him to stay on, because his experience would bring continuity to the consolidation. No one likes to go from being in command to second in command. So it says a lot about his professionalism and his concern for the organization and for the Navy for him to have stayed."

He went on to explain that within a couple of months all of the top military managers who were at China Lake or Point Mugu during the standup will be gone. He said, he was asked to take the vice commander's post because he was the commanding officer of the Naval Weapons Evaluation Facility, which became known as the Albuquerque site, and was "intimately" involved in the consolidation process for two years. He represents the corporate memory as to why decisions were made one way or another during the process.

And following that process, he orchestrated the downsizing of NWEF by 95 percent. He says that process taught him that communication is "the key."

"I can't begin to tell you how concerned I am about the effect of our decisions on the people involved," he said. "We took what could have been a very negative situation and turned it into a positive one. We did it by keeping the people informed, letting them know what we knew as soon as we knew it and by helping them to understand how and why the decisions were made."

"I intend to keep on communicating with the people of this command," he said, quickly adding, with a concerned smile, "But I wasn't sent here, mind you, to downsize this organization!"

## DACM provides assistance as part of DAWIA compliance effort

The Office of the Director, Acquisition Career Management (DACM), provides assistance as part of the Defense Acquisition Workforce Improvement Act compliance effort. The tuition assistance partially offsets education costs incurred by members who need to attain a bachelor's degree or specific business courses required for certification in their career fields.

On Jan. 29, the DACM was forced to suspend tuition assistance funding for acquisition workforce members. This was intended only to hold costs in place while budgetary changes were worked out. On Feb. 23, the suspension ended and Department of the Navy activities and commands were once again providing tuition assistance to acquisition workforce members. The DACM remains committed to providing support for the training and education of the acquisition workforce.

Further information on availability of funds can be



Capt. Roger K. Hull  
Vice Commander, NAWCWPNS

A native of Chattanooga, Tenn., Hull holds a bachelor's degree in aviation management from Auburn University and a master's in operations research and systems analysis from the Naval Postgraduate School. He received his commission through the ROTC Program at Auburn.

After serving as an advanced tactical flight instructor, he participated in two tours over North and South Vietnam as an attack pilot flying A-7E Corsairs off USS *Constellation*, with VA-146 out of NAS Lemoore. He has more than 4,000 flight hours and more than 600 carrier landings.

Beginning in 1977 he served as a department head with VA-56, flying A-7Es off USS *Midway* homeported in Yokosuka, Japan, and then saw his first tour at China Lake with VX-5. He arrived in 1981 as maintenance officer and left two years later after serving as executive officer.

From 1983 to 1986 Hull was air operations officer for the commander, Cruiser-Destroyer Group One, based in San Diego. In addition to responsibility for coordinating land-based tactical air support and tactical employment of cruise missiles, Hull initiated and implemented the first over-the-horizon targeting (OTH-T) system for a deployed battle group.

He said, "I realized we were going to deploy in nine months with no way to detect and identify an incoming threat before we had organic radar or visual contact. So I gathered the assets I needed and treated it like a devel-

opment program. We had a functional system when we deployed. We did an operational test when we reached the Aleutians and it worked fine. Now the system is employed by all battle groups."

From 1987 to 1990 he was assigned to the Space and Naval Warfare Systems Command as division director for the development of warfare systems architecture, supported by China Lake's Weapons Planning Group. He also served as manager of the Navy's OTH-T Program and director of the OSD-sponsored Joint OTH-T Program.

In 1990 he became commanding officer of NWEF, which is located on Kirtland Air Force Base. In addition to its other functions, NWEF was home to the Navy's Hot Air Balloon Team, and Capt. Hull is a rated hot-air balloon instructor pilot. He still flies demonstrations with the team, which is a recruiting function and is now attached to the recruiting district in Albuquerque.

Besides balloons and A-7s the vice commander has also flown F-9s, TA-4s and F/A-18s. But his love for the air doesn't stop there. He was a member of the U.S. parachute team that won the 1977 World Parachuting Championships and was designated that year's Individual Overall National Parachuting Champion. He has made over 2,000 sport jumps. And he still has his hand in parachuting, most recently training the Navy's Leap Frogs (demonstration jump team) to jump from hot-air balloons.

He's flown gliders, crop dusters and antique aircraft. He's tried hang gliding, but didn't like it. "I like to have a little more control of my own destiny," he said. He draws a heavy line at bungee jumping. "That's not sport. It's amusement. It takes no thought, no technique and you're totally dependent on someone else's equipment," he said.

He hasn't sat down and watched a football game in years, because he doesn't like spectator sports. He'd rather participate. When he's not flying or jumping, he's participating in cross-country skiing, technical rock climbing, expedition backpacking, playing racquetball or running marathons.

As the interview ended, the reporter, thinking he'd overheard that the captain would be in Point Mugu the following week, asked, "So you won't be here next week?"

The newly installed vice commander's unrehearsed and spontaneous response revealed his deep-seated belief that NAWCWPNS truly is just one big organization.

He said, "No, I'll be here most of the week. I'll be gone to D.C. Wednesday, but other than that I'll be here—one site or the other."

determine NAWCWPNS acquisition training requirements for FY 94 once people have had a chance to review course competencies and determine if they have met these competencies through alternate means, i.e. experience, academic course work or comparable training. In the future, if an employee meets the competencies of a DAWIA course through alternate means, he or she may request to receive credit for it through the fulfillment program which is expected to end in FY 95.

**Question:** If I took the mandatory training for my career field several years ago, should I complete the fulfillment form citing that course?

**Answer:** No. The fulfillment program is to be used when course competencies are met through alternate means. You will be given an opportunity to document your mandatory training through the DACM data call which is to be out shortly.

obtained from Nancy Saxton, 939-3129 (DSN 437-3129) or Helen Casteel 989-3003 (DSN 351-3003).

(Reprinted from OCPM Monthly Training Update)

### Fulfillment questions and answers

**Question:** The fulfillment form I received has instructions on the back that indicates it is to only be used by GS/GS-14s and above. I am a DP-3. Do I still use this form?

**Answer:** Yes. If you have a copy of the Fulfillment Form (DD Form 2518) that has instructions on the back, please ignore them. (This form was contained in the DAWIA briefing handouts.) The correct instructions were included with the fulfillment packages which have been distributed to all department offices.

**Question:** Is the opportunity to fulfill out of DAWIA courses a one-time shot or will this be on-going?

**Answer:** The purpose of this particular drill is to



MWR

## Kelly's Korner offers BBQ steak, chicken from 11 a.m. to 1 p.m.

Kelly's Korner, located on the Seafarer Club patio, is open for business! From 11 a.m. to 1 p.m., China Lakers can enjoy a special outdoor barbecue every Thursday before flex Friday and regular Fridays.

Choose between BBQ steak or chicken and enjoy all you can eat dinner salad, potato salad or baked beans. All

lunches will be served with rolls and iced tea.

In addition to Kelly's Korner, the Seafarer Club is also offering an all-you-can-eat pasta bar, a potato bar, a taco bar with all the fixings, sausage and hot dog bars with the works, a daily sandwich bar, assorted gourmet pies and non-fat frozen yogurt.

## 'Stiff Kitty' performs August 6

"Stiff Kitty" will be at the Seafarer Club aboard the Naval Air Weapons Station China Lake Friday, August 6. These rock, country and blues artists will play from 9 p.m. to 1 a.m. There

will be a \$2 cover charge.

This event is limited to those 21 years old and older.

For more information, call the club at 939-8658.

## Wild River discount tickets on sale

The only waterpark in Orange County is offering a hot time to cool off this summer with a new ride and plenty of water fun! Wild Rivers opened its eighth season and is Orange County's newest theme park offering more than 40 water rides and attractions for all ages.

New for '93 is The Edge, which promises to be the park's wildest ride yet! The Edge starts as a dark, enclosed tube and after completing a 360-degree turn, the slide opens up and drops at a 40-degree angle.

Also new and hair-raising is The Abyss. This incredibly long, fully-enclosed, totally dark, radically wild ride will take you where you've never been before.

Other attractions at the ultimate day-in-the-park include rushing rivers, sheer-drop slides and surfing at Thunder Cove!

Military and Department of Defense family and friends can visit Wild Rivers this summer for a heat-busting price. Discount tickets are only \$11 for adults and \$8 for children 3-9. The regular gate prices are \$16.95 and \$12.95.

Discount tickets are available at Craftech aboard the Naval Air Weapons Station China Lake.

Wild Rivers is located in Irvine just off the San Diego Freeway (405) at Irvine Center Drive. For park information and hours call Wild Rivers at (714) 768-WILD.



Above: Camry by Toyota, one of several models of Toyota ranked best in new car quality in their class by a recent J.D. Powers and Associates study.

## Toyota "Cleans Up" in new car quality survey

In a recent survey of new car and truck owners, conducted by J.D. Powers and Associates, an overwhelming number of Toyota models were ranked first in new car quality.

The Tercel, Camry, Paseo and Corolla models all were rated best in their price class. In addition, Toyota compact pickups, the Previa van, the T-100 full-size pickup and the 4Runner and Landcruiser sport utility vehicles all were ranked first.

Frank Klassen, sales manager for Bud Eyre Chevrolet-Buick-Toyota-Geo in Ridgecrest, was somewhat surprised by the Toyota showing. "We always knew that Toyotas were quality vehicles," Klassen says, "but to have them sweep all of these categories is fantastic."

In previous studies, Klassen stated, Toyota had always ranked high, but this was the first time that all of the vehicles had ranked first.

Toyota also added to their honors with the Gold Plant Quality Award for a North American Plant, given to their Toyota plant in Georgetown, Kentucky.

J.D. Powers and Associates is an internationally-renowned research corporation that does most of the new vehicle owner surveys in the United States. The Initial Car and Truck Quality Studies (I.Q.S.) are developed from the average number of repairs or problems for each new car model. For the 1993 model year, all brands reduced their average number of problems, but Toyota showed the most improvement.

Here are the vehicles and the categories:

"Best model \$12,000 and under: - TERCEL"  
 "Best Model \$12001 - \$17,000: - PASEO"  
 "Best Model \$17,001 - \$22,000: - CAMRY"  
 "Best Compact Pickup: - TOYOTA"  
 "Best Full-Size Pickup: - TOYOTA T-100"  
 "Best Compact Van: - PREVIA"  
 "Best Compact Sport Utility: - 4RUNNER"  
 "Best Full-Size Sport Utility: - LAND CRUISER"  
 "Among Top Ten Models in Initial Quality: - CAMRY, PASEO, COROLLA, TERCEL."

For more information about the I.Q.S. study and Toyota, visit Bud Eyre in Ridgecrest on China Lake Boulevard.



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# DESKTOP, from Page 2

approaches must average at least 350 vehicles per hour for any eight hours of an average day, and

b. The combined vehicular volume from the minor street must average at least 140 units per hour for the same eight hours, with an average delay to minor street vehicular traffic of at least 30 seconds per vehicle during the maximum hour.

Neither of the two guidances are met as no accidents have been reported in the last year and the volume guidances are met for only three hours of an average day.

You also suggest that lowering the speed limit to 35 mph would make this intersection safer. While it is true that the damage in an accident would be less at a lower speed there are other factors to be considered. Many studies have shown that most drivers travel at the speed they feel they can drive safely travel the roadway, statistical speed studies have shown a definite break at what is called the 85th percentile speed. The main factor in setting speed limits is the 85th percentile speed, the speed that prudent drivers would travel. Most people see that when a lesser speed limit is posted than what the driver feels safe driving, they drive at their perceived safe speed (an example would be that you don't see very many people driving at or below 55 mph on high-

ways even though they are posted at 55 mph). Posting a slower speed would create a slower speed only when a police car is sitting in that area. True, reduced speed would increase congestion by condensing vehicles closer together, extending the time for them to clear through the area, which would increase delay times on the minor street. This then would probably increase accidents because frustrated drivers may enter the intersection even though it was not safe to enter. The addition of stop signs on Richmond Road would greatly increase delay times on this major access road which would cause some people considerable frustration and others to change routes which would increase congestion at the main gate.

I feel that the current signage is appropriate and has the best overall effects in safely moving the number of vehicles on our roadway system that is required to meet the needs of this Station. It is suggested that if you find the minor delays unacceptable, you could work the flexible work hours of the Station, adjust your work hours so that you enter this intersection at a time of lower volumes.

Questions concerning traffic issues are addressed by Hal Lenderman, base traffic engineer, Public Works Department, 939-9402

## Accommodations for disabled are required

Management personnel from NAWCWPNS are required to make reasonable accommodations for any known physical or mental limitations of a qualified disabled applicant or employee unless they can demonstrate that the accommodation would impose an undue hardship. Reasonable accommodation includes making facilities accessible, modifying work sites, adjusting work schedules, structuring jobs, providing assistive devices, adopting flexible leave policies, providing readers and interpreters, and reassigning or retraining employees.

The program's new point of contact

at the China Lake site is Jeanie Salyer, who is also the American Sign Language (ASL) Interpreter for NAWCWPNS.

Lovie Webster, located at the Point Mugu site, retains overall program managerial responsibilities and authority for the Individuals with Disabilities Program.

Salyer is located in the China Lake Human Resources Development, Bldg. 02335 (505 Blandy), Room 102. Her telephone number is 927-3701.

Deaf and hard of hearing individuals may reach the office via TTY at 939-2214.

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COOK, from Page 1

The Camp Cook" for the rest of the evening. And, he and his wife had to occupy the "high ground."

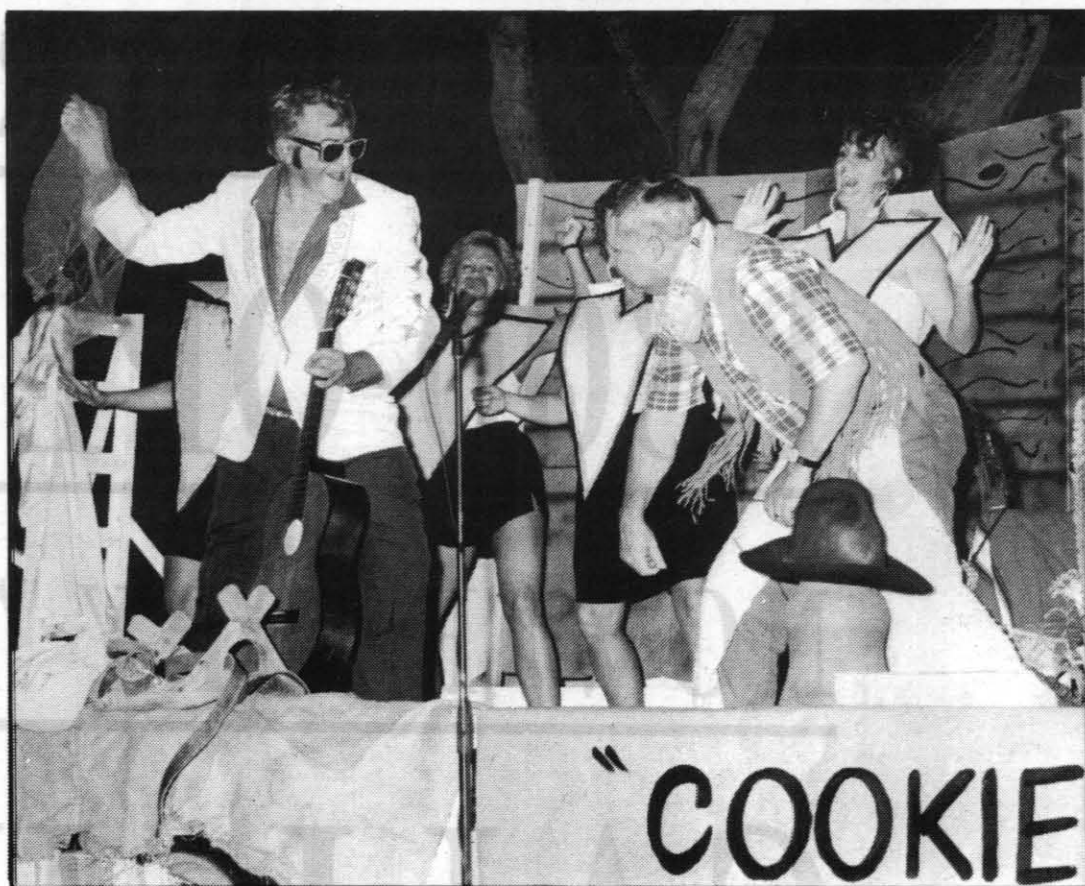
In keeping with the western/country theme, Newman became "Marshall Bill" and Haaland was known as "Head Hawk." Also taking part were Gerry Schiefer, the "Mule Skinner," and Capt. B.J. Craig, "Tex." Additional entertainment came from community leaders, better known as the "Muckety Mucks of the Singing Sewer Pond," "The Shady Ladys," a skit by NAWCWPNS department heads entitled "Gather Yer Hee Haws Where Ya May" and "The Chubettes."

The final presentations were a community gift from Jackie Hickman and Jim Smith representing the Ridgecrest Chamber of Commerce, and the official NAWCWPNS gift, presented by Tex. Marshall Bill read a cowboy poem, of his own creation, saluting Doggone Doug and presented the NAWCWPNS plaque. From the perspective of "Doggone Doug,"

the farewell was "more than any former I.G. ever thought he'd get."

In expressing his thanks for the evening and for the support he's had in the past four years "Doggone Doug" said, "I've never seen a more loyal group of people than we have at China Lake and in the Weapons Division." He also thanked community representatives for taking part in the farewell and "making this a memorable night to close four memorable years."

In his closing remarks, the former NAWCWPNS vice commander compared China Lake as a culture, a place where innovation still takes place routinely, to the Los Alamos Laboratory in the 1950s described by Dr. J. Robert Oppenheimer in David Halberstam's newest book "The 50s." "You could easily substitute China Lake for the words Los Alamos because of what exists here," concluded Capt. Doug Cook.



**JAILHOUSE ROCK**—Doggone Doug attempts to get "Elvis' scarf" during The Last Hee Haw held July 7 to honor the departing NAWCWPNS Vice Commander. Impersonating "The King" is Dillard Bullard, head of the Services and Information Directorate.

Additional musicians needed to play with the China Lake All-Volunteer Band

Stan Ricker, director of the China Lake All-Volunteer Band needs more volunteers to help the band meet this

summer's change-of-command schedule, VX-5 and NAW's China Lake change-of-commands.

Band members practice every Tuesday, Wednesday and Thursday from 7 to 8 p.m. in the Station Theatre.

Any musician interested should show up, instrument in hand, at the Station Theatre at any practice session.

and other jobs that do not have to be collated and bound.

Holmes says the quality of recycled paper is improving. Manufacturers are adding the stronger fibers from recycled cardboard boxes to the paper pulp, producing a more durable product. He points out that DPS, since learning of this use for recycled cardboard, has been saving all its packing boxes as well as its scrap paper for recycling.

Because their work is likely to be directly affected by new regulations, DPS employees need to be knowledgeable about what's happening in the regulatory arena. Pressman Gary Johnson acknowledged that most of the environmental regulations are coming from scientists who understand the big picture but "who aren't printers" and who don't understand the printing process.

"We need to help set the rules," said Holmes.

Although DPS employees agree protecting the environment is vital, they are frustrated by some of the ways regulations are implemented and hope to see the entire system, from recycling to standardizing documentation, simplified.

Lack of consistent guidance and information could lead to "overkill," said press operator Wilson. "Maybe some of what we're doing is pointless." He refers to the many different materials DPS saves for recycling and to the uncertainty as to whether the new inks are actually to be classified as hazardous materials. Tracy Cooper, a DPS employee in the bindery, has taken on the collateral duty of gathering Material Safety Data Sheets and keeping them updated.

The road to change is seldom a smooth one, but the destination—in this case, a printing process free from toxic materials—makes the journey worthwhile. DPS is well on its way to this destination and continues to make progress. The potential for more stringent environmental regulations is but one driver of the ongoing changes; the real drivers are the employees who mix the inks, tune the presses and run the bindery. Their commitment to high-quality printing has expanded to include another goal—a cleaner and healthier environment.



Photo by Terry Pascarella

**CUTTING** the ribbon opening the new NAWCWPNS Mission Planning Lab are Lee Gilbert, Danny Searle, Ron Atkins, Frank Armogida and Lt. Dennis Johnson. Gerry Schiefer, head of the Aircraft Weapons Systems Directorate, and Sterling Haaland, deputy commander for R&D, are holding the ribbon.

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## Your Environment

By Janice Kaspersen  
TD

# China Lake's Print Shop strives to be more environmentally-friendly

Reducing hazardous waste has become an important goal for people in many fields, but environmental-policy makers scrutinize some work areas more closely than others because of the nature of the materials used there. Print shops are such areas: traditional petroleum-based inks and solvents used in printing are toxic and release volatile organic compounds into the air. Throughout the printing industry, safer alternatives are being developed.

As employees at the China Lake Defense Printing Service Detachment Branch Office (DPS) explain, the printing industry is moving away from rubber- and petroleum-based inks and toward less-toxic soy- and vegetable-based products. At China Lake, the new types of inks have been in use for about six months. According to photographer David Stoessel, these safer products can be used for virtually any type of printing job. Biodegradable citrus-based solvents, with the added benefit of being packaged in recyclable containers, are also being used to clean the press.

For many of us who use DPS, the printing process is the proverbial black box—we hand our camera-ready pages to DPS, and some time later we receive our printed copies without understanding what happens in between. What happens in between is vastly complex, as

much art as technique, and requires operators who understand all the variables in the process.

Listening to DPS employees at China Lake makes clear how a single change, such as a new type of ink or a different fountain solution, affects the Gestalt of the entire printing process. What also becomes clear is that DPS intends to master the new materials even before environmental regulations require it. DPS employees are embracing the new materials to save their press, to protect their jobs and to keep a step ahead of environmental regulations.

"We stay ahead of the regulations so no one comes in and dictates to us," said Chuck Holmes, the DPS foreman at China Lake. And, yes, they're doing it for the environment as well. "It makes you feel better," one employee said.

Manufacturers of inks and other printing materials are pushing the new, safer products as they anticipate regulations banning petroleum-based inks and solvents. Holmes said the variety and quality of the new products keep increasing, and there is no cost difference between the new inks and the old.

For more than a year DPS has disposed of ink as hazardous waste, putting it in proper containers, labeling them and entering the information in a manifest. The soy- and vegetable-based inks are also being treated as

hazardous waste, although the Environmental Project Office is currently checking the Material Safety Data Sheets against federal, state and local regulations to determine whether some products need not be classified as hazardous waste.

Use of recycled paper is another environmental issue DPS is examining, although several characteristics of recycled paper make it less desirable to work with than paper made of virgin fibers. As DPS press operator John Wilson explained, paper made from virgin fibers has a "grain"—all the fibers run in more or less the same direction. When the paper is unboxed after shipping, if it has a "curl" to it at all, each sheet curls in the same direction. Recycled paper has shorter fibers that run in many directions; thus the individual sheets curl differently, making them more difficult to run through the press or copier as well as to bind. Recycled paper also behaves unpredictably when damp or when the humidity is high; commercial printers using recycled paper extensively have temperature- and humidity-controlled environments. Such strict control cannot be achieved in the World War II-era Quonset hut housing DPS.

Determined to use recycled paper as much as practicable, however, DPS now purchases it for some cover stocks and for the 50-pound stock used to print forms

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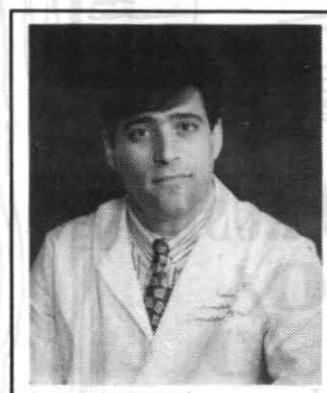
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## Fire departments responding to an increasing number of laundry fires

The September/October 1992 issue of Eating Well had an article about oil-soaked towels catching fire after they were laundered. A Michigan woman used dish towels to wipe up spilled cooking oil from her stovetop and kitchen counter. She washed and dried the oily cloths with other towels. After the towels were dry, she took them from the dryer while they were still warm, left them on a kitchen chair and went into her den.

Within 15 minutes, she smelled smoke. When firemen arrived, they found the kitchen full of thick smoke from the smoldering towels. The cause of the fire was spontaneous combustion.

Fire departments are responding to an increasing number of blazes in hotels, restaurants, homes and laundromats—fires thought to originate in laundered kitchen towels. The problem, it seems, begins in the wash cycle, where grease-

laden cotton and cotton-blend towels come only partially clean. In the dryer, the oil and oxygen react and build up heat. As the towels get hotter, the reaction continues to build even more heat. Finally, the towels get so hot they start burning.

The U. S. Consumer Product Safety Commission (CPSC) tested towels from clothes dryers and found a pile of towels trapped 120-degree Fahrenheit heat

within its folds, enough to start the oxidation cycle. Twenty minutes later, the temperature of the towels soared to 422 degrees Fahrenheit.

Most laundry fires do not start spontaneously, but the National Fire Protection Agency advises against using dish towels to clean oil messes. If you use them, discard the soiled towels in a well-ventilated trash container away from excessive heat.

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## Eleven China Lakers honored with Michelson Lab Awards

By Peggy Shoaf  
Staff Writer

Eleven Naval Air Warfare Center Weapons Division employees were recently recognized with Michelson Laboratory Awards for their outstanding individual technical efforts. Capt. Douglas W. Cook, then vice-commander of NAWCWPNS and Sterling Haaland, NAWCWPNS Deputy Commander for Research and Development presented the awards during an award luncheon July 1.

"It's good to see such a large turnout," Cook told the audience. "I know the recipients are most appreciative of those of you who have taken the time to appropriately recognize them."

After giving a brief background on the Michelson Laboratory Award, Cook then introduced the first recipient, **Karen Haden**.

Head of the Procurement Department's Advanced Computing Environment Office, Haden was recognized for her outstanding accomplishments in consolidating and improving the automation process at the China Lake and Point Mugu sites of NAWCWPNS.

"Her outstanding leadership, management and team support led to the successful consolidation of the procurement automation functions of the NAWCWPNS Procurement Department," reads the letter of nomination, in part. "The vision was to use automation as the vehicle to allow the department to be centrally managed, but geographically decentralized. . . . The Procurement Department now operates one local area network with numerous centrally licensed and maintained databases and applications; one automated procurement and accounting data entry system with common clauses,

procedures and operations; and a centralized help desk where all problems associated with computer movements, repairs, accreditation and any other system problems can be directed by phone or over the department network."

**John S. Fontenot**, an aerospace engineer with the Insensitive Munitions Office, received his award for his management of and technical contributions to the Navy's Insensitive Munitions Program, which have resulted in the outstanding progress made in this field, not only at NAWCWPNS, but throughout the Navy and industry.

"You have demonstrated that by the sharing of common technology, the cost of making Navy weapons compliant would be about a few hundred millions dollars instead of several billion dollars," reads the citation accompanying the award.

Technical expertise and exceptional leadership which resulted in several very successful warhead developments for both anti-air and anti-surface attack weapons earned the Michelson Lab Award for **Norman E. Fasig**, a supervisory mechanical engineer and associate head of the Ordnance Development Division.

"Through your personal efforts and role model efforts, you have developed a strong technical discipline within your branch," reads the citation. "This discipline resulted in superior technical solutions being applied to weapons systems and contributed to the development of a number of excellent scientists and engineers. Your personal commitment to excellence resulted in the successful developments of warheads for the Harpoon/SLAM, HARM, Tomahawk and Penguin missiles. These weapons are major assets in the Navy's current Strike Warfare inventory."

The fourth recipient of the award was **Theresa M.**

**Atienzamooore**, a supervisory chemist with the Ordnance Systems Department's Explosives Development Branch. Because Atienzamooore couldn't be at the presentation, Larry Josephson, head of the Energetic Materials Division, accepted the award on her behalf.

"Your technical expertise and personal commitment to excellence were essential elements in melding the energetic material community at NAWCWPNS into a community that is functioning as an integrated whole," the citation reads. "This has allowed the development of a strong, mutually supportive relationship with sponsors at the Naval Surface Warfare Center, Dahlgren Division, White Oak Laboratory, resulting in the continued support of explosives development at the China Lake site, the development of several new promising explosives and places NAWCWPNS in a favorable position to assume more of the explosives development effort."

Cook then told the audience that management sincerely hopes that they are going to be seeing a lot of that energetic material at this site in the not so distant future.

**Alfred O. Smith**, a mechanical engineer in the Ordnance Systems Department's Propulsion Systems Technology Branch, received recognition for his contributions to the Navy's Insensitive Munitions Advanced Development Program.

"This work will minimize the hazard of solid rocket motors used on Navy weapons and will contribute to the safety and effectiveness of fleet operations," the citation reads. "Your efforts will be especially felt on such weapons systems as Hellfire, Advance Rocket System, Short Range Attack Weapons, Sidewinder and Standard Missile."

**Alvaro (Al) Lopez**, a mechanical engineer and head of the Ordnance Systems Department's Environmental

years from the time we were in Public Works together," he said. "I consider Tom McGill a friend, and I wasn't surprised about his decision to leave. With a doctorate in biology and a degree in environmental law, his opportunities were extensive in the private sector."

One of the first tasks handed Osgood by Capt. B.J. Craig, NAWS Commanding Officer, was "right-sizing" the organization. So he's in the process of reviewing all of the functions. The Environmental Projects Office has been one of the fastest growing functions at China Lake in recent years. It's gone from 10 people in 1982 to 33 people in 1993. But since funding is not what it used to be, Osgood explained, there is a need to justify every position. Some full-time functions being performed for the office could be served on a part-time basis, and some current personnel could be more effective in other organizations.

While he's looking at trimming down the office, he's also being asked to examine the pros and cons of moving back to PW, where it functioned until late 1989.

On the economic side there are certain gains to be made administratively by going back to PW, Osgood explained, but on the other side there's the advantage of "speaking" for the commanding officer if the group remains at the staff level.

"The general feeling here is that by

having that direct link to command, our function is taken more seriously both internally and externally," he said. "The people here are altruistic. It's more than just a job to them. It's like they're on a mission, and they feel operating as a staff function gives them more strength to realize their goals in improving the environment."

Besides tasks he's been asked to complete by management, one of his first personal objectives for the office is to have an independent appraisal conducted to determine how well NAWS is complying with the profusion of recent environmental laws and other rules and regulations.

"With the mushrooming of regulatory bodies and the overlapping of requirements, I want to be sure we're clear on everything we're supposed to be doing," he said. "China Lake is very visible to those regulators because of the nature of our business over the last 50 years. Despite the fact that we have never been fined for environmental violations, we're likely to be heavily scrutinized, because we're perceived as having deep pockets, if they can find something. With this scrutiny, I want to be sure nothing slips through the cracks."

While he looks to retire in about four years, he says this job is keeping him busier than any other. "But I know the people I'm working with and I'm having fun," he said. "It's a pleasant change."

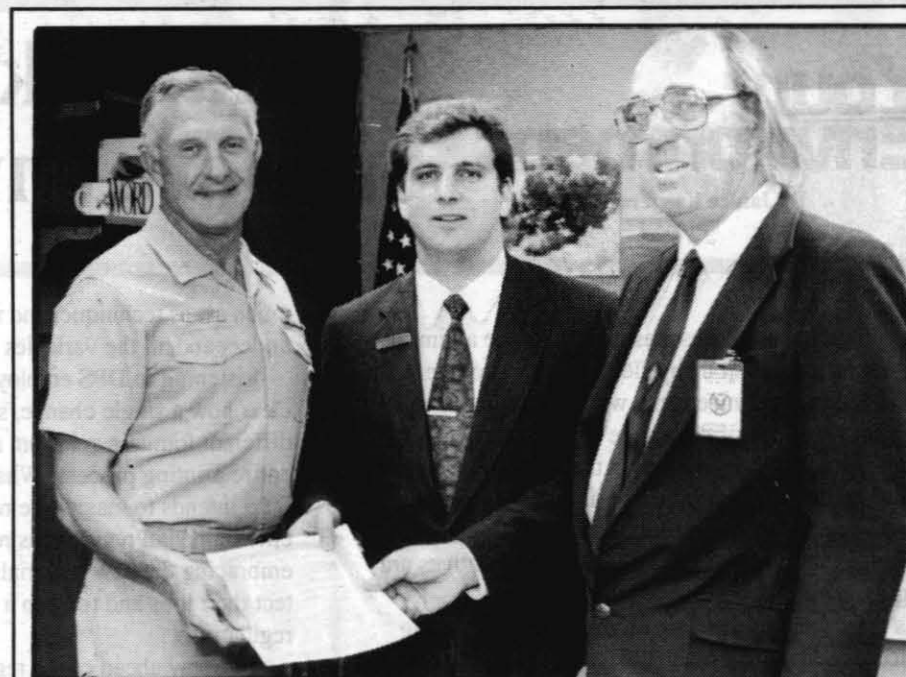


Photo by Terry Pascarella

**PROCLAIMING** July 18 through 24 as Space Observation Week, are RAdm. William E. Newman, Commander of the Naval Air Warfare Center Weapons Division; Ridgecrest Mayor Kevin Corlett; and Ed Fink of the High Desert Engineering Association. The engineering association banquet is set for 6 p.m. July 23 at the Carriage Inn.

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# Osgood leads the Environmental Projects Office

By Barry McDonald  
Editor

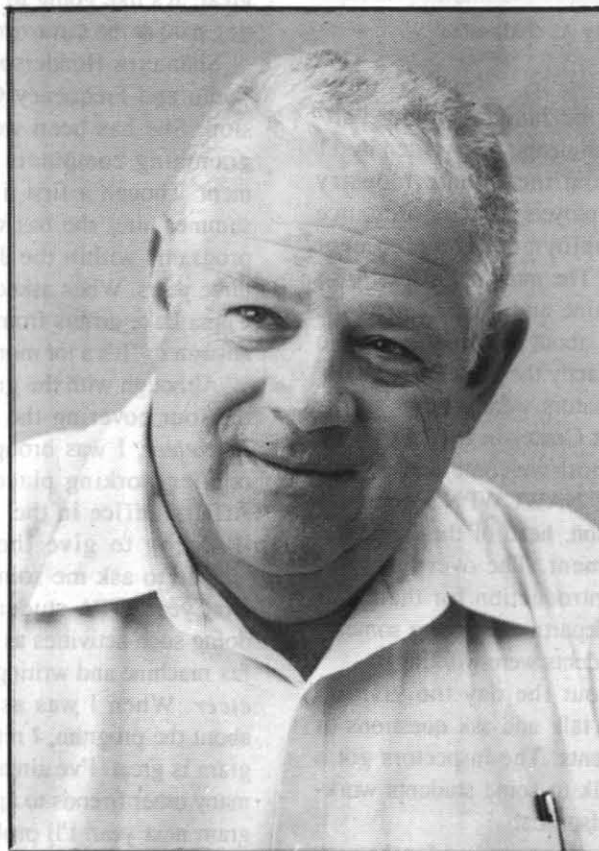
Taking the reins of the Environmental Projects Office on June 1, Jon Osgood says his main goal now is to change the perception of the office as regulators to that of a support organization.

"From what I've heard so far," Osgood said, "there is some perception that we are enforcers of regulations, although that may not be the perception of everybody. If we are perceived that way, I want to change it. The theme I'd like to put forward for the office is that we are not regulators, but rather, we're technical advisors who are here to give assistance and support. Instead of just saying, 'You can't do that,' when a project comes in conflict with regulations, I want to say, 'Let's see what we can do to get this done within regulations.'"

Raised in Illinois, Osgood graduated from the Naval Academy with a bachelor's degree in engineering and served 10 years in the Marine Corps, including a tour in Vietnam as an artillery battery commander. He resigned his commission in 1969 to get reacquainted with his family and to go to work as a professional engineer.

He said after working in industry for 13 years, the recession of 1980-82 made him reconsider returning to government service, where his 14 years of prior service could be recaptured. So he applied to an open announcement and was selected for a job with the Public Works Department at China Lake in 1982.

"I started as a journeyman level mechanical engineer," he said. "But the way circumstances were at that time, and because of my prior experience, within three months I was a division head and in another year and a



Jon Osgood

half, I became an associate department head."

For the next five years he served as an associate department head in a variety of capacities. In 1986 he earned a master's degree in public administration from

California State University, Bakersfield, through the Training Center.

In 1990, he applied for and was accepted into the NSAP program, and in 1991 he began a two-year assignment as science advisor to the Commander, United States Forces, Central Command in Bahrain.

After Dr. Tom McGill, the former head of the Environmental Office, announced his intention to leave civil service for private industry, upper management considered moving the office back into Public Works, where it had been a division until late 1989. Capt. Randy Williams, then NAWS Public Works Officer, called Osgood in Bahrain and suggested he apply for the job as head of the office.

"My NSAP assignment was about to end, and I was questioning whether I really wanted to come back to China Lake," Osgood said. "I have a son in Tampa (Florida), and there was a government opening there. I also didn't really feel good about coming back to China Lake, where I assumed I'd have to return to a job I'd already held in Public Works. Then the call came from Capt. Williams. I applied and was selected."

Capt. Williams hadn't known all of his background when he called, but for five years while he was in industry working for Celotex, a building materials manufacturer, Osgood designed and built pollution control systems at a number of plants across the country. So, he said he found it interesting, that while Williams thought of him for the position based on his managerial and administrative experience, he actually had some practical experience in the environmental field as well.

Osgood is no stranger to the team at the Environmental Projects Office. "I've known most of these people for

Research Office, was also surprised at receiving the award.

His citation reads in part, "Your special skills in project management, technical expertise and systems engineering knowledge were essential elements which greatly contributed to the success of the recent Tomahawk Block III warhead program and on the Marine Corps CATFAE program."

Innovative capability, expertise and exemplary leadership skills in the development and testing of RF fuzes resulted in a Michelson Laboratory Award to Michael J. Gibeault, an electronics engineer in the Intercept Weapons Department's RF Fuze Branch.

"Your leadership in the design of the target detecting devices for both the Sparrow and Standard missiles, especially in the area of digital signal processing, has resulted in major improvements in the performance of air-to-air and surface-to-air missiles at NAWCWPNS," reads the citation.

Jim McCalester received his award for his excellent leadership and management capabilities as director of the Sidewinder Missile Project Office and head of the Radio Frequency Guidance Division.

"While serving in these positions," the citation reads, "you have succeeded in developing a productive and technically competent team. This team was able to address complex requirements and work under severe time and opera-

tional constraints while delivering consistently superior products to the fleet."

Jon Wunderlich, head of the Intercept Weapons Department accepted the award on McCalester's behalf.

Expertise and leadership in the development of proximity fuzes for Navy weapons resulted in recognition for Richard E. Hanson, an electronics engineer in the Intercept Weapons Department's Long Range Missile Fuze Branch.

"Your design capabilities and strong background in fuzing led to your selection as Standard Missile fuze lead engineer for the design and development of the MK 45 MOD 5 fuze," reads the citation. "This was the first fuze to incorporate a microprocessor for signal processing. Your technical expertise and experience has ensured that the evolution of this fuze has responded to ever increasing performance requirements."

Head of the Intercept Weapons Department's Advanced Systems Technology Office, Richard A. Gould was recognized for his significant contributions to the understanding of advanced



MICHELSON LAB AWARD WINNERS for 1992 include (not in order) Karen Haden, John Fontenot, Norman Fasig, Alfred Smith, Al Lopez, Michael Gibeault, Richard Hanson, Richard Gould and Alexej Borissenko. Winners not pictured are Jim McCalester and Theresa Alienzamoor.

technology for air platforms and airborne test equipment.

"You have led a strong, motivated and highly competent technical team that has made, and continues to make, many positive contributions to the development of current and future weapons systems," the citation reads.

The final recipient of the Michelson Laboratory Award was Alexej Borissenko, head of the Intercept Weapons Department's Advanced Systems Development Office. The award was presented in recognition of his demonstrated innovation in solving complex technical

problems involving multiple disciplines.

"Your high standards of technical integrity, attention to detail and willingness to go well beyond 'good enough' have resulted in a team effort with high morale that has made many positive contributions to vital weapons development efforts," the citation reads.

The Michelson Laboratory Award, which is complimentary to the L.T.E. Thompson Award, was established in 1966 to recognize individuals for technical excellence based on outstanding performance of individual duties.

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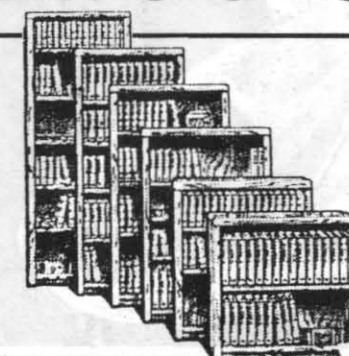
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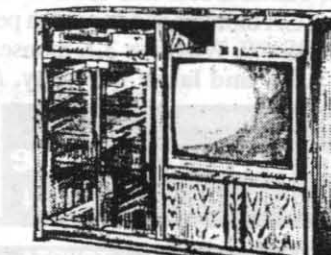
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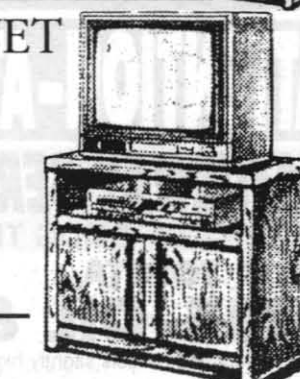
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# Larry Boyer recognized with Kit Skaar Award

*Very high standards of safety, professionalism and dedication to duties as firing officer saluted*

By Barry McDonald  
Editor

Runner-up last year, Larry Boyer took top honors at the 10th Annual Firing Officer Awards Ceremony, July 8, when he was handed the 1992 Kit Skaar Outstanding Firing Officer Award by NAWCWPNS Commander, RAdm. William E. Newman. Taking a page out of last year's recipient's book on short acceptance speeches, Boyer said, "Thank you, I can use this (the stipend check). My daughter's getting married next Saturday."

Safety Officer Bill Deem, filling in for Director of Safety and Security Roy Parris, opened the ceremonies with a brief background on the Firing Officer Safety Program. "Firing officers are trained, experienced personnel selected and certified by their departments to be responsible for the safe and effective conduct of ordnance firing operations in test areas," he said. "Those operations could involve thousands of pounds of explosives down to gram quantities."

He went on to explain that while this was the tenth year for the Firing Officer Awards ceremony, it's the 19th year of the firing officer program, which was started under the leadership of Karsten



Photo by Terry Pascarella

**SAFETY** efforts are recognized when RAdm. William E. Newman (right) gives Larry Boyer the wooden block representing the Kit Skaar Award.

"Kit" Skaar, who was director of Safety and Security at the time. The program began in 1973 as a result of a history of severe accidents during firing operations culminating in the deaths of two people

in late 1972. Deem noted this ceremony was the first one that honored nominees from a period of time since the establishment of the Naval Air Warfare Center Weapons

Division, and that among the nominees was a person from the White Sands site.

"For many years, you have demonstrated very high standards of safety, professionalism and dedication to your duties as a firing officer," RAdm. Newman wrote, in part, in the citation that accompanied the Skaar Award, a wooden block topped with a fused, small black replica of an old-fashioned spherical bomb. "The numerous test firings involving support of research projects are complex and involve unique test setups, development of new operating procedures, establishment of special safety processes and design and development of appropriate environmental safeguards."

According to the nomination letter by Dr. Ron Derr, head of the Research Department, Boyer has over 20 years experience with energetic materials and has been a firing officer since 1989. He is a senior technician in the Combustion/Detonation Research Branch (Code C02391) where he serves as energetic material safety coordinator and as alternate representative to the Weapons Action Group. He is also chairman of the Research Department's Explosives Safety Certification Board.

"Larry has an outstanding record of

## Inspectors evaluate JTPA Program, meet students

By Abel Maestas  
JTPA Student

Recently the Junior Training Partnership Act students were visited by 11 members from the Private Industry Council, Employers Training Resource and the Employment Development Department. The purpose of their visit was to examine and evaluate how the students feel about the program and to see where exactly the students work.

The evaluators were brought to the Management Center in the Michelson Lab for a short welcome and a brief overview of NAWCWPNS given by Matt Anderson, head of the Engineering Department. The overview was merely an introduction for their tour throughout departments where some of the JTPA students were working.

Throughout the day the visitors were able to talk and ask questions of several students. The inspectors got a chance to talk to some students working in Michelson Lab.

Ernesto Samano worked for the program last year. He continues his job from last year's summer program, working in the RF and Microwave Technology Branch, programming in Fortran. When he was asked how he felt about the program he replied, "It's

great! It's like going to school and getting paid at the same time."

Shanterra Henderson works in the Radio and Frequency Guidance Division. She has been working on programming computers in her department. Though a first-time China Lake summer hire, she has worked in other programs within the JTPA for about three years. When asked how the job in China Lake differs from past years, she answered, "It's a lot more challenging."

Although with the group throughout the tour, covering the story for *The Rocketeer*, I was brought back to my regular working place at the Public Affairs Office in the Administration Building to give the evaluators a chance to ask me some questions. A first year JTPA student, I have been doing such activities as programming a fax machine and writing for *The Rocketeer*. When I was asked how I felt about the program, I replied, "The program is great. I've already suggested to many other friends to apply for the program next year. I'll probably be able to use some of the skills I learn here in Cal Poly, San Luis Obispo."

The tour led the visitors to the living quarters of the students, apartments located on Blandy across from the Seafarer Club.

The Public Works Engineering Building and the three returning students that work in the department was the next destination for the inspectors. They were greeted by the supervisor, Michael Pierce. His comments about the students included, "They are extremely brilliant students."

Carmilita Ramos, On King Lau and Fernando Bermudez all contribute to their division when it comes to mapping. When asked questions, they all had similar thoughts in mind. All but one question was answered the same among the three students, the difference being that Ramos favored last year's housing.

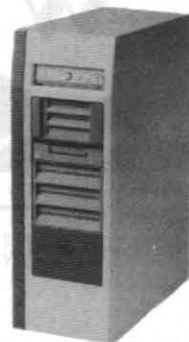
The evaluators were treated to lunch provided by Farris' Restaurant and a tour through China Lake's Weapons Exhibit Center, ending with some remarks and welcomes by Capt. B. J. Craig, NAWC commanding officer.

The tour provided the representatives a little piece of what the JTPA was all about and how it helps numerous students every year to learn job skills and be productive. All in all the students answered one question the same—they recommend this program to anyone that has a chance to be involved.

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the-art technology applications for EW systems; and promoting technology exchange, applied research, and analysis efforts to support EW department assignments. Provides the full range of supervisory duties and supports EEO programs. Promotion Potential to DP-4. **Technical Quality-Ranking Factors:** Knowledge of engineering as it relates to the design, modification, testing and operation of complex high performance EW systems and experience in the integration of both hardware and software for complex EW systems with several major sub-components and establishment of requirements; knowledge of or related to EW systems research and development, technology development, and research laboratory interface. **Supervisory Quality-Ranking Factor:** Ability to manage an organization and a knowledge of affirmative action principles including a willingness to implement EEO practices. **DAWIA Position:** Employee selected is subject to completion of mandatory experience and training requirements for Level 3 Systems Planning, Research Development and Engineering Career field within 18 months of selection.

Notes 2 and 3 apply

No. C33-009-PB, Interdisciplinary (Electronics Engineer/Computer Scientist) DP-855/1550-3, Naval Air Warfare Center Weapons Division, China Lake, CA, Land Range Directorate, Electronic Combat Range Department, Data Systems Division, Instrumentation Engineering Branch C3323—Area of Consideration: NAWCWPNs. Opening Date: 15 July. Closing Date: 21 July. **Permanent Change of Duty Station Authorized:** No. **Selecting Official:** Bob Eisenhauer, (619) 939-9120. **HRD Contact:** Pat Baczkiewicz, (619) 939-8108. **Summary of Duties:** The incumbent provides systems engineering support for directing and monitoring technical development and performance (hardware and software) of the Telemetry (TM) Receiving Station and the Global Positioning System (GPS) Receiving Station located at the Electronic Combat Range (ECR). The incumbent performs needs and requirements analysis, system design, system specifications development, systems troubleshooting support, system documentation development, and operation and maintenance support. The incumbent will serve as the Government technical point of contact for supporting the ECR Test Management Office when interfacing with ECR customers. The incumbent will serve as the Government technical monitor in support of the ECR Product Improvement Office for monitoring the Range Support Contractor's operation and maintenance performance. **Quality-Ranking Factor:** Experience in the integration of both hardware and software for a complex system with several

major sub components such as ground-based TM receiving equipment with RF antenna systems, antenna positioning systems, communication systems, VME based computer systems, TM display systems, and TM data product development systems and ground-based GPS receiving equipment with VAX computer systems, digital microwave systems, GPS display systems, and GPS data product development systems with high level software languages such as C and ADA and with secure communications equipment (COMSEC). **DAWIA Position:** Category S.

#### ALL FOUR SITES/OXNARD PLAIN

No. P73-002-MG3.INS, (1) Electric Power Controller, WG-5407-11, Naval Air Weapons Station, Public Works Department, Utilities Division, SNI Utilities Operation Section, Code 73622—Area of Consideration: NAWCWPNs and Oxnard Plain. Opening Date: 15 July. Closing Date: 29 July. **Selecting Official:** Lt. Pastrana, (805) 989-1413. **HRD Contact:** Mary Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** (THIS POSITION IS LOCATED AT SAN NICOLAS ISLAND) The incumbent oversees transfer of diesel fuel oil, operates pumps and valves to control transfer to day tanks via centrifuge and strainer system to prevent introduction of impurities. Takes combustion readings to determine internal-engine operating conditions. Adjusts and controls engine speeds, checks plant related equipment for handling and purification of diesel fuel and lubricating oils, including fuel injection pumps, filters, etc. Inspects operation of engine cooling system. Synchronizes and parallels generators, controls frequency and voltage within prescribed range, and controls load of generators parallel. **Quality Ranking Factor(s):** Knowledge of the operation of diesel engines, related power plant equipment and Machinery.

#### POINT MUGU/FIRE DIVISION ONLY

No. P76-001-AR3, (3) Firefighter, GS-081-06, Naval Air Weapons Station, Air Operations Department, Fire Division, Crash/Structural Branch, Code 7600—Area of Consideration: Point Mugu (Fire Division only). Opening Date: 15 July. Closing Date: 29 July. **Selecting Official:** Clyde Davis and Charles Robertson and Charles Robertson, (805) 989-7304. **HRD Contact:** Adela Ramirez, (805) 989-3321. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** At the target level incumbent drives and operates firefighting

vehicles of significant complexity, e.g., pumers, aerial ladder trucks, crash/rescue trucks, etc. Drives vehicles to scene of emergency. Positions vehicle considering factors such as wind direction, sources of water, hazards from falling structures, location on armaments of aircraft, etc. Responds to aircraft crash alarms and performs firefighting and rescue operations that involve numerous types of large fighter and passenger aircraft that are frequently reconfigured and carry large numbers of passengers and qualities of fuel. **DRUG TESTING DESIGNATED POSITION.** **Quality Ranking Factor(s):** Knowledge in directing firefighting tactics on drills and actual emergencies concerning both crash and structural fire operations.

#### POINT MUGU/OXNARD PLAIN

No. P70-001-MZ3, Lead Recreation Assistant, GS-0189-04, Naval Air Weapons Station, Morale, Welfare, Recreation Department, Recreation Division, P703—Area of Consideration: Oxnard Plain. Opening Date: 15 July. Closing Date: 29 July. **Selecting Official:** Don Hems, (805) 989-7940. **HRD Contact:** Marcela Zaragoza, (805) 989-3235. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Supervision of patrons to assure a safe environment at the pool or beach in the water and the surrounding areas. Control cash, perform bookkeeping related to daily cash handling, and maintain a daily record of patron sign-ins. Police pool or beach area for trash and unhealthy or hazardous conditions. Set up and store pool furniture daily. Must obtain a current American Red Cross Advanced Lifesaving certificate, or equivalent. Must obtain a current Cardiopulmonary resuscitation certificate. **Quality Ranking Factor(s):** Knowledge of water safety principles and individual life-saving rescue.

No. P73-001-MG3, (1) Utilities Systems Operator Leader, WL-5406-10, Naval Air Weapons Station, Public Works Department, Utilities Division, Operations Branch, Code 736—Area of Consideration: Point Mugu and Oxnard Plain. Opening Date: 15 July. Closing Date: 29 July. **Selecting Official:** Lt. Pastrana, (805) 989-1413. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent is responsible for the operation and maintenance of the following station utilities components: sewage lift station facilities, comminutors, aerators, vacuators, clarifiers, chlorine injection apparatus, digesters, sludge bed, and shredders to grind, aerate, and stir sewage, settle out solids, control bacterial action, digest

sewage, and dry out and remove sludge and check distribution system. Acts as lead for workmen on operations and maintenance within the capacity of forces permanently assigned and additional Public Works personnel when required. Assigns tasks and monitors performance of workmen of various trades to accomplish a variety of maintenance, emergency repairs, and services. **Quality Ranking Factor(s):** Must have a working knowledge of sewage systems and treatment and knowledge of the operation, maintenance, and functioning of components and systems relating to water distribution.

#### REASSIGNMENT OPPORTUNITIES

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

#### REASSIGNMENTS

No. P263-001-JD3, (1) Electronics Engineer, DP-855-3, Fleet Training Branch, Maintenance Support Division, In-Service Engineering Department, Weapons Directorate, P2633—Area of Consideration: NAWCWPNs. Opening Date: 15 July. Closing Date: 29 July. **Selecting Official:** Frank Grob (805) 484-6291. **HRD Contact:** Judy DeVries (805) 989-3231. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** This position is in the Computer Based Training section of In-Service Engineering Department, Fleet Training Branch. The incumbent technical manager provides technical and program liaison with NAVAIR PMA-205 sponsor and also provides direct fleet support to users of the A-6E SWIP Part Task Trainer (PTT) for maintenance, operation, deployment, and training support requirements. **Job-Relevant Criteria:** Knowledge of computer hardware and software and their operation and maintenance support; support contract COTR experience or training; management of training software development, validation, and fleet distribution; ECP processing of hardware and software revisions; life cycle management support for PTT hardware. Duty station is at Camarillo Airport facility.



## NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



### CHINA LAKE GENERAL ANNOUNCEMENTS

#### TUITION SUPPORT POLICY FOR CERRO COSO

Civil service employees at China Lake who are taking courses at Cerro Coso and expect to obtain tuition support must submit via department channels to Code C622 prior to registration a DD Form 1556 (Off-Center Training Request). A job order number must also be supplied by their department in addition to an "objective" statement explaining how the course is job related.

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

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

#### INTERNET DOMAIN NAME CHANGE FOR CHINA LAKE

The Internet Domain name for NAWCWPNs China Lake/NAWS China Lake is being changed at the Internet Network Information Center (NIC) from "NWC.NAVY.MIL" to "CHINALAKE.NAVY.MIL". Currently both Domain names are being supported by the NIC but in the very near future, the old "NWC.NAVY.MIL" will no longer be supported. This change will affect all China Lake network users who utilize the Internet (MILNET.DDN). All network users should start using the new name of "CHINALAKE.NAVY.MIL" as soon as possible. For more information contact Joan Mathewson or Jim Rice at 939-6661.

#### TRANSITION ASSISTANCE PROGRAM WORKSHOP

Are you retiring from the military soon? Are you transitioning into the civilian world? The next Transition Assistance Program (TAP) workshop will be 26-29 July. The workshop

consists of resume-writing techniques, how to conduct yourself at the interview, personal assessments, and negotiating job offers. A full day will be devoted to military information such as travel claims, moving arrangements, veteran's benefits, educational benefits, Small Business Administration, and much more. For more information contact the TAMP Office at 927-3785 or 927-1545. **ATTENTION SPOUSES:** We want to extend a special invitation to you. The workshop will be held at the NAWS Conference Center on King Street.

#### POLE LINE ROAD CLOSURE

Pole Line Road is tentatively scheduled for repairs beginning 21 June. The location of closure will be immediately north of the N. Knox turnoff from Pole Line Road extending to Building 31598. The road will be closed for approximately 6 weeks. Occupants of Building 31598, Area "R," and other affected buildings will have to detour either on N. Knox Road to Water Road, or continue on Lauritsen Road to Sandquist Road to Water Road.

For more information contact Ron Metevier at 939-4409 or Mel Berry at 939-4405.

#### HIGH DESERT ENGINEERING ASSOCIATION DINNER

The High Desert Engineering Association (hIDEA) will hold a dinner at the Carriage Inn on Friday, 23 July. Cocktails will be served beginning at 1800, and dinner will be served at 1830. Dinner will include your choice of Beef (Boeuf Bourguignon) or Fish (Filet of Sole). The cost for the dinner is \$15 for tickets purchased before 21 July and \$20 for tickets purchased after 21 July. The master of ceremonies is Dr. Ronald L. Derr, Head, Research Department (C023).

The evening's program will begin at 1930 with guest speaker Dr. Harold E. Bennett. Dr. Bennett is a Senior Scientist in the Physics Division, Research Department. He is a Fellow of both the Optical Society of America and the International Society of Optical Engineering (SPIE). Recently he served as president of SPIE and is presently a cochairman of the Symposium on Laser-Induced Damage in Optical Materials (the Boulder Damage Conference). In addition to numerous reports, he has published over 100 papers in the open literature.

Dr. Bennett will speak on Laser Power Beaming to Satellites at China Lake. China Lake is an ideal site for a laser power beaming system and currently one is planned for installment.

For more information contact Ed Brann at 375-1126. To purchase tickets contact Jim Serpanos at 939-2619; "Tree" Crabtree at 927-1507; or Valerie Rogers at 939-3515.

#### EMERGENCY TELEPHONE STICKERS

Emergency telephone stickers are available at the Fire Division Office (C842). The stickers have the 911 telephone number that should be used for all ambulance, fire, and police emergency services for Naval Air Weapons Station employees. This number should be posted on all station telephones. To obtain these stickers contact the Fire Division Office at 939-2146. Only order the amount that you need for the telephones in your office or building.

#### CSUC COMPUTER SCIENCE ADVISING

Dr. Orlando Madrigal of Cal-State University (CSUC), Chico will be at China Lake on 5 August to advise current and prospective students in the external degree programs in computer science offered by CSUC. The programs lead to bachelor's and master's degrees. To make an appointment with Dr. Madrigal, call Denise at 939-2648.

#### MMAMMOGRAPHY SCREENING

The Wellness Program (C62206) will sponsor a mammography screening for NAWCWPNs/NAWS employees and their spouses. Valley

Technological Services (VTS) will have its mobile mammography unit in front of the Administration Building (0001) on 23 and 29 July. The cost of the x-ray exam is \$60. Participants must be 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. To schedule an appointment call (800) 458-3385.

#### GRADUATE RECOGNITION FOR THOSE IN NAWCWPNs, CHINA LAKE ACADEMIC PROGRAMS

A "Graduate Recognition" presentation will be held to acknowledge graduates from the NAWCWPNs, China Lake-sponsored academic programs (the Co-op Programs, on-site sponsored degree programs, and the fellowship program). The event will be held at Mich Lab, Room 1000D from 1300 to 1340 on 5 August. Speakers for this event will be Sterling Haaland, Deputy Commander for Research and Development, NAWCWPNs; Dr. David Ost, Dean of Extended Studies and Regional Programs, Cal-State University, Bakersfield; Dr. Diane Schwartz, Interim Dean of the School of Engineering and Computer Science, Cal-State University, Northridge; Dr. Orlando Madrigal, Chairman of Computer Science Department, Cal-State University, Chico; Dr. Ronald Derr, Head of the Research Department, NAWCWPNs and the FY93 Chairman of the NAWCWPNs Fellowship Committee; and Ms. Ann Kurotori, Associate Head of Equal Opportunity and Employment Division, NAWCWPNs. Friends, supervisors, co-workers, and instructors of the graduates are invited to attend.

#### RETIREMENTS

##### JOAN WITWER

Joan Witwer (C277) will be retiring after 22 years of Federal service, 21 of which were served at China Lake. A farewell party will be held in her honor at El Charro on Friday, 23 July. There will be no-host cocktails and hors d'oeuvres from 1700 until 1900. For reservations, presentations, or gift donations, contact Carolyn Dunn (C27702) at 939-7235 or Betty Aley (C2774) at 939-7976 by 19 July.

##### BOB BYRNE

Bob Byrne is retiring after more than 30 years of Federal service. A "very casual" retirement luncheon and farewell party will be held in his honor at Texas Cattle Company on Thursday, 29 July. For reservations call Debbie at 939-0522 by 27 July.

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



**NOTE: OPEN TO PERSONNEL AT ALL SITES****TENTATIVE SCHEDULE  
NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY94 SEMINARS**

NAEI courses are designed for GM-13/Lieutenant Commanders and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and therefore have priority for available billets. Program costs are funded by NAEI. Travel and per diem expenses of nominees are funded by their individual organizations. If the course is residential, lodging and meal costs are provided by NAEI. Nominations must be submitted on an NAEI form, which may be obtained from Paula Phillips, Point Mugu (P622), (805) 989-3981 (DSN 351-3981) or from Lori Ryser at China Lake (C622), (619) 939-2686 (DSN 437-2686). Please note that a DD-1556 is NOT required. Nominations must be submitted to Code P622 prior to the NAWCWPNS deadline dates below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO P622
Executive Health & Stress Management Location: Washington DC area Location: WEST COAST AREA	4-8 Oct 93 18-22 Apr 94 6-10 Jun 94	19 Jul 93 24 Jan 94 14 Mar 94
Capitol Hill Workshop Location: Washington DC area	25-28 Oct 93 14-17 Mar 94 13-16 Jun 94	2 Aug 93 13 Dec 93 28 Mar 94
Managing Individual & Organizational Change (NEW) Location: Washington DC area	1-4 Nov 93	16 Aug 93
Contemporary Management Issues and Practices Location: Washington DC area	31 Jan-11 Feb 94 15-26 Aug 94	2 Nov 93 1 Jun 94
The Washington Arena Location: Washington DC area	31 Jan-4 Feb 94 6-10 Jun 94 19-23 Sep 94	4 Nov 93 14 Mar 94 30 Jun 94

**POINT MUGU GENERAL ANNOUNCEMENTS****THRIFT SAVINGS PLAN (TSP)  
RATES OF RETURN**

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

	C Fund	F Fund	G Fund
May	2.66%	0.10%	0.51%
Last 12 Months	11.74%	11.01%	6.82%

C Fund—Common Stock Index (Stocks)  
F Fund—Fixed Income Index (Bonds)  
G Fund—Government Securities

**GRAND OPENING OF THE  
CAREER TRANSITION AND  
RESOURCES CENTER**

The Human Resources Department, Human Resources Development Division (Point Mugu) is pleased to announce the opening of their Career Transition and Resources Center in Room 31, Building 5-1. The grand opening will be celebrated with an open house on **5 August** from 1000-1500. All interested employees are invited to attend.

The Career Transition and Resources Center provides information and services for employees seeking career/job change counseling. It will serve as a repository for learning resources and materials. Employees are welcome to use the facility as a place to work on potential career and life changes or as a learning center.

Resource materials, some available for check-out, include newspapers, business journals, job vacancy listings and databases, college catalogs, periodicals, pamphlets, as well as video and audio tapes on numerous topics. Also available in the Center are an IBM 486/33 PC and a Macintosh Centris 610 equipped with job search, SF-171, resume, retirement, and personal assessment software and a laser printer, telephone, typewriter, and VCR/TV.

Beginning on **5 August**, the Career Transition and Resources Center will be open on workdays from 1000-1500 for walk-in visitors. Career and retirement counseling will be available by appointment.

**REWARD YOUR PEERS**

The Weapons Systems Evaluation Directorate announces distribution of its new Peer Award cards. Please use them to reward your peers for a job well done. To nominate your peer for additional rewards, fill out the form included with the new card and guard mail it to Code P03804Q, or call Pat Pilchard at 989-0881, Marilyn Louck at 989-0296, or Bonny Wright at 989-9035.

**USE OF THE TECHNICAL  
LIBRARY**

The Technical Library, located at the north end of the Michelson Lab compound, would like to remind its patrons

that the library is open to everyone. Patrons do not have to have an "L" on their badge to use the facilities. Only if you wish to use or remove classified material from the library will you be required to have an "L" on your badge. The Technical Library is open Monday through Thursday, 0700-1700 and is closed on Fridays. The Technical Library also has an after-normal-work-hours policy that allows our patrons to use the facility in the evenings and weekends. For more information call the Technical Library Division, C643, 939-1017.

**FRAUD, WASTE, AND ABUSE  
HOTLINE**

The NAWCWPNS, Point Mugu Hotline number for reporting Fraud, Waste, and Abuse is 989-7682, or you may contact the Command Evaluation Office Staff in P005, Bldg. 36, Room 1002. Identities of writers and callers are protected.

**LABOR REPRESENTATIVE FOR  
BARGAINING UNIT EMPLOYEES**

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

The local R12-33 President is Louis W. Rogers; he is located in trailer 10073, or call 989-1374.

**CIVILIAN EMPLOYEE  
ASSISTANCE PROGRAM )**

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

**CAREER LADDER CHANGE  
FOR SCIENTISTS AND  
ENGINEERS**

On **21 January 1993**, the scientists and engineers at Point Mugu were converted from the general schedule to the Demonstration Project. Prior to the conversion, the career ladder for Point Mugu scientists and engineers was established at the GS-11 level. Under the Demonstration Project, the career ladder for scientists and engineers is the DP-111 level. The effective date of the policy change for Point Mugu was **21 January 1993**.

**COUNSELING FOR RETIREMENT (16 hrs.)  
17-18 August; Tuesday and Wednesday,  
0800-1630; Bldg. 5-1, Auditorium. By:  
Retirement Planning Service**

Prerequisite: Minimum of 10 years civil service.

Begin planning for retirement. Participants will have the opportunity to hear experts in the areas of retirement benefits, financial planning, estate planning, and health. Among the topics discussed are civil service annuity plans (CSRS and FERS), health benefits and life insurance for retirees, Social Security and Medicare, legal and estate planning, and second career options.

**CAREER TRANSITION WORKSHOP (16 hrs.)**

**18-19 August; Wednesday and Thursday, 0800-1630; Marriott Courtyard, Camarillo. By: Julie Streets**

Prerequisite: Bring SF171 and/or Resume. Participants will be introduced to job change strategies used by successful people. Using a career decision model, individual values, skills, interests, and accomplishments are identified. Participants will learn job search strategies/techniques, networking, resume/SF171 preparation, marketing, and interviewing.

**MACINTOSH, INTRODUCTION (8 hrs.)**

**24 August; Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Computer Focus**

This class teaches fundamental skills required in using the mouse; working with windows and files; working with applications; printing files; and working with the operating system on the Macintosh computer.

**WORDPERFECT, ADVANCED (8 hrs.)**

**24 August; Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra Inc.**

Prerequisite: WordPerfect, Introduction and Intermediate.

This class covers graphic capabilities, automatic indexing, creation/execution of macros, and special projects applications on the IBM-compatible computer.

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

**25 August; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra Inc.**

Prerequisite: Lotus 1-2-3, Introduction. This course presents various Range commands, File commands, and Data commands. Learn how to password-protect worksheets, change the default settings, and use table lookups on the IBM-compatible computer.

**DBASE IV, ADVANCED (8 hrs.)**

**26 August; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company**

Prerequisite: dBase IV, Introduction and Intermediate. This course enhances the use of dBase IV, presenting advanced view-query design, fundamentals of update queries, advance report design, and creating an application.

**TQL UPDATE (2 hrs.)**

**2 September; Thursday, 0900-1100; Bldg. 5-1, Auditorium. By: TQL staff**

This 2-hour briefing will provide an introduction to total quality leadership (TQL) with focus on terminology, background, successes, and what makes TQL work. It will also provide pertinent information on the CNO/NAVAIR/NAWCWPNS/NAWS TQL efforts.

**HARVARD GRAPHICS, INTRODUCTION (16 hrs.)**

**7-8 September; Tuesday and Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: Cata Inc.**

Prerequisite: Prior PC experience. This course teaches creation of simple text charts to complex presentations with screen

display effects, managing files, importing and exporting data for charts, printing charts, creating templates, and using special calculations to analyze data.

**FILEMAKER PRO (8 hrs.)**

**8 September; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Memory Company**

Prerequisite: Prior MAC experience. This class introduces basics of doing database management and publishing on the Macintosh. Participants will learn to set up a database file with layouts; sort data, find information, and print reports.

**POWERPOINT (8 hrs.)**

**14 September; Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: OVF Graphics**

Prerequisite: Prior MAC experience. This course combines all the graphic capabilities of your Macintosh to produce effective presentations.

**CPR BASIC PROVIDER (8 hrs.)**

**14 September; Tuesday, 0800-1630; Bldg. 6-2, Room 46. By: Preparedness Training**

This course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. Certification in the following CPR techniques: one and two person CPR; infant CPR; and obstructed airway maneuvers in the conscious/unconscious adult and infant.

**CAREER TRANSITION WORKSHOP (16 hrs.)**

**15-16 September; Wednesday and Thursday, 0800-1630; Marriott Courtyard, Camarillo. By: Julie Streets**

Prerequisite: Bring SF171 and/or resume. Participants will be introduced to job change strategies used by successful people.

Using a career decision model, individual values, skills, interests, and accomplishments are identified. Participants will learn job search strategies/techniques, networking, resume/SF171 preparation, marketing, and interviewing.

**dBASE III+, INTERMEDIATE (8 hrs.)**

**20 September; Monday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company**

Prerequisite: dBase III+, Introduction. This class covers creating data entry screens, retrieving data from multiple databases, using query files, and creating reports on the IBM compatible.

**CPR BASIC PROVIDER (8 hrs.)**

**21 September; Tuesday, 0800-1630; Bldg. 6-2, Room 46. By: St. John's Hospital**

This course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. Certification in the following CPR techniques: one and two person CPR; infant CPR; and obstructed airway maneuvers in the conscious/unconscious adult and infant.

**dBASE IV, ADVANCED (8 hrs.)**

**21 September; Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company**

Prerequisite: dBase IV, Intermediate. This course enhances the use of dBase IV, presenting advanced view-query design, fundamentals of update queries, and advance report design, and creating an application.

**OPERATIONS DIVISION NEWS****APPLICATION PROCEDURES**

Applications must be received at the Human Resources Department (HRD) Reception Desk, at any site, no later than 5:00 p.m. on the closing date of the announcement. Individual 171's must be submitted for each vacancy. LATE APPLICATIONS WILL NOT BE ACCEPTED UNLESS ON APPROVED LEAVE, TDY, ETC. THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. Please make a copy of your SF-171 application for your own retention before you submit it. (Only applications with original signature and date will be accepted.) Submit a copy of your latest narrative performance assessment/appraisal of record with any application filed against a vacancy announcement. If the assessment/appraisal does not clearly state the tasks/duties performed, attach a copy of your performance plan. A supplemental narrative addressing your qualifications to each Quality-Ranking Factor (ORF) is highly recommended. This information will be used to identify "highly qualified" candidates to be referred for selection. Additional information will not be accepted after the closing date of the announcement. When multiple grade levels are advertised, applicants will only be rated for the lowest grade level they indicate on their SF-171 that they will accept and higher grade levels for which they qualify. Applicants may review the X-116 Qualification Standards at the China Lake Technical Library; at the Point Mugu Directorate/Department Resources Offices; or at any NAWCWPNS Human Resources Department Office.

**AREA OF CONSIDERATION INFORMATION**

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

**NOTES**

- If selection is made below the full performance level, the selectee may be promoted to the next higher level(s) without further competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines the incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. **PROMOTION IS NOT GUARANTEED.**
- First time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position.
- Drug Testing Designated Position.** Any applicant tentatively selected will be required to submit to urinalysis for illegal use of drugs prior to a final selection. The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources office before a final selection is made. A verified positive drug test result of a current Department of Navy employee will also be provided to the employing activity/commmand.
- Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position(s).** PL 101-510 requires applicants to address Quality-Ranking Factor(s) relating to the DAWIA requirements.
- Merit Promotion Positions for Point Mugu Site Vacancies.** Applicants must meet all eligibility requirements (including, when applicable, time-in-grade, and qualification requirements) within 30 calendar days of the closing date of the announcement.

**GENERAL INFORMATION**

The Naval Air Warfare Center Weapons Division is an Equal Opportunity Employer. Selection will be made on a fully equal basis without discrimination. Selection will not be made on non-merit reasons such as race, color, religion, sex, national origin, age, politics, marital status, physical handicap, or membership or non-membership in an employee organization. All vacancies are subject to restrictions imposed by the DoD Priority Placement Program (PPP). Selectees must hold or be able to obtain the appropriate security clearance. As of 1 August 1992, Mandatory Direct Deposit/Electronic Funds Transfer (DD/EFT) became the standard payment within DoD for pay of certain civilian personnel. Newly hired civilian personnel and employees (not currently enrolled) who are selected for competitive promotion, reassignment, transfer, etc., will be required to enroll in DD/EFT within 60 days.

**MERIT PROMOTION VACANCIES****ALL FOUR SITES**

**No. C23-001-KN3, Supervisory Interdisciplinary (Mechanical/Electronics Engineer/Physicist), DP-830/855/1310-03, Advanced Technology Division, Information and Electronic Warfare Department, C232—Area of Consideration:**

**NAWCWPNS. Opening Date: 15 July. Closing Date: 29 July. Selecting Official: Ron Smiley, DSN 351-7377. HRD Contact: Kym Noh, DSN 437-2293. Permanent Change of Duty Station Authorized: Yes.**

**Summary of Duties:** The incumbent serves as second level supervisor and directs the operation of the Advanced Technology Division, Information and Electronic Warfare Department. Is required to serve as consultant to senior level military and civilians from NAWCWPNS, sponsors, other services, and industry. Solicits sponsor support for major proposals dealing with complex information and electronic warfare systems. Is responsible for performance of applied research; development engineering and systems analyses for the application of technology advances to Naval Aviation EW/weapon programs and mission capabilities; developing innovative system concepts and risk reduction; proof-of-principal efforts involving state-of-



## WELLNESS PRESENTATIONS

The following Wellness presentations will be given by guest lecturer Jenifer Mason, Dr. P.H., M.P.H., on Wednesday 4 August in Mich Lab, Room 1000D.

**0830-0930 - DOES ANYTHING WORK LIKE MAGIC? (1 hr.)**

Who hasn't been guilty of trying the latest new drug, discipline, or diet that promises to be the real "cure-all?" In 1990 \$35 billion were spent on dieting gimmicks and commercial weight loss programs alone. This motivational topic emphasizes how to spot fraud and the importance of avoiding the "quick fix."

**1000-1130 - REACHING YOUR GOALS (1.5 hrs.)**

While most people set professional objectives in order to achieve the desired business goals, many never think to set personal goals, specifically health-oriented goals. This practical seminar gives you a step-by-step process for establishing your wellness goals and objectives, but even more importantly, for getting from point A to point B without setting yourself up for failure.

**1300-1430 - FISCAL FITNESS (1.5 hrs.)**

The effect of poor employee health on business is staggering. Studies conducted several years ago showed the national average cost per employee for health care was \$2455, or 11.5 percent of the payroll. Corporate health for the 90s needs to be designed specifically for the work force and company management. This presentation gives detailed information on why "health" is good business.

**1500-1600 - BY BEHOLDING WE BECOME CHANGED (1 hr.)**

There are really only two reasons why people look for change: things are so bad they want out or something else is so attractive. This lecture reviews some of the most popular health behavior change techniques that lead to successful short-term as opposed to long-term changes. What is the piece of the puzzle that almost invariably is missing? How do you bridge that gap between your "creed and deed" or in what you say versus what you are doing? Beholding is a unique yet practical concept and it gets to the very heart of the matter.

These are all walk-in sessions. For more information contact the Wellness Program Office, 939-2468.

## POINT MUGU COURSES

NOTE: To enroll in or ask questions about Point Mugu courses, call Paula Phillips, P622, (805) 989-3981, (DSN) 351-3981.

## SCIENTIFIC, ENGINEERING AND TECHNICAL SECTION

**"C" PROGRAMMING: INTRODUCTION (40 hrs.)**

19-23 July; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis

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

This course introduces language declarations, control statements, procedures, functions, pointer, and Input/Output. Topics include debugging techniques, reverse engineering, and changing a current program to perform additional software tasks.

Presentation Method: Lecture and hands-on training.

**AIRBORNE MULTI-MODE RADAR SYSTEMS (40 hrs.)**

19-23 July; Monday-Friday, 0800-1630; Bldg. 6-2, Room 60. By: Quintech Corp.

Prerequisite: Students should have taken an introductory radar course. They should have sufficient mathematical background to understand the material. Some calculus and transform methods will be used.

This course describes modern multimode airborne radar principles, systems, and technology. Topics include airborne radar requirements, radar principles, airborne modes, signal processing, data processing, radar electronic warfare, modes and mode interleaving, and advanced radar technology.

**"C" PROGRAMMING: INTERMEDIATE (40 hrs.)**

16-20 August; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis

Prerequisite: A basic understanding of ANSI C programming syntax. This course is not for first-time programmers.

This course explores a series of C topics related to data structures, ANSI Standard C Library, C source code debugging, I/O file management, UNIX-specific system calls/routine, and C software engineering and design. Topics will include software engineering principles of object-oriented design, derived classes and inheritance, overloading and polymorphism, exception handling, templates as related to C, and C language enhancements under C++.

Presentation Method: Lecture and hands-on training.

**FLIGHT TEST ENGINEERING (40 hrs.)**

16-20 August; Monday-Friday, 0800-1630; Bldg. 6-2, Room 59. By: University Consortium for Continuing Education

This course covers evolution of a flight

test program including need for flight test, program concerns, test assets required, types of instrumental, data reduction and analysis, and types of TSP information sources and their relationship to flight test requirements.

**SOFTWARE CONFIGURATION MANAGEMENT/DATA MANAGEMENT (16 hrs.)**

23-24 August; Monday-Tuesday, 0800-1630; Surfside Club, Cloud 9 Room. By: Technology Skills Development

This course is intended for software configuration management (SCM) practitioners charged with the responsibility for support (maintenance) of operational systems containing embedded software. Topics will include system life cycle, DOD requirements on software development and for SCM, baseline, software identification, change control, configuration status accounting, SCM role in support of design reviews and configuration audits, the software development library, software configuration management planning requirements, and an overview of automation consideration for SCM.

**C++: INTRODUCTION (40 hrs.)**

30 August-3 September; Monday-Friday, 0800-1630; Building 5-1, Room 23. By: John Francis

Prerequisite: A good understanding of the C programming language.

This course introduces programming in the language of C++, an object-oriented programming language. Topics will include data abstraction, object-oriented design C classes, derived classes and inheritance, overloading and polymorphism, exception handling, and templates.

Presentation Method: Lecture and hands-on training.

**AUTOMATIC CONTROL AND SERVO SYSTEM (40 hrs.)**

13-17 September; Monday-Friday, 0800-1630; Surfside Club, Cloud 9 Room. By: Evolving Technology Institute

Prerequisite: Senior technicians with some experience in linear control systems and entry-level engineers.

This class provides a review of linear control theory followed by techniques for a pragmatic approach to digital sampled data systems. Topics to be discussed include mathematical modeling, laplace transforms, transfer functions, system response and stability, compensator design to satisfy steady-state and transient specifications, and digital control theory. Emphasis is placed on the use of modern control techniques as powerful tools in real-life design situations.

**SOFTWARE/HARDWARE TRADEOFF IN SYSTEM DESIGN (32 hrs.)**

20-23 September; Monday-Thursday, 0800-1630; Surfside Club, Cloud 9 Room. By: Attridge Electronics

This course addresses the criteria utilized

in performing software/hardware trades with examples of these trades in avionics systems applications. Topics will include establishing criteria in performing trade, filter design trade, fault tolerance recovery approaches, electronic warfare design trade, avionics fault-handling approaches, and the trade study validation.

**"C" PROGRAMMING: ADVANCED (40 hrs.)**

27 September-1 October; Monday-Friday, 0800-1630; Building 5-1, Room 23; By: John Francis

Prerequisite: A good understanding of ANSI C programming syntax.

This course explores interfacing C language to the operating systems such as DOS and UNIX and use of C programming tools such as Lint and FOR-C by the student to translate two FORTRAN programs to C. Software engineering principles of object-oriented design will be discussed as related to C and the C language enhancements under C++.

Presentation Method: Lecture and hands-on training.

**SOFTWARE TEST AND EVALUATION (40 hrs.)**

27 September-1 October; Monday-Friday, 0800-1630; Surfside Club, Cloud 9 Room. By: Software Consultants International

Prerequisite: B.S. degree (or equivalent) in a technical field. Some practical experience in software engineering or system work helpful. This course addresses the evaluation and test of software systems. A full-cycle treatment is provided from exploration/evaluation of user/customer needs, translation of these needs into a working useful system within affordable boundaries, evaluation of whether these needs are being met at periodic checkpoints, and continuing system support after deployment.

## ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

**dBASE IV, INTRODUCTION (16 hrs.)**

27-28 July; Tuesday and Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company

Prerequisite: Prior PC experience. Learn fundamental skills and concepts to create files, use common commands, edit, and modify files.

**MS WINDOWS, INTRODUCTION (8 hrs.)**

29 July; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Computer Focus

Prerequisite: Prior PC experience. Introduces basic functions and features; use the Program Manager to manage the running of applications; use the File Manager to manage files, disks and drives; and exchange information between applications on the IBM-compatible computer.

**dBASE IV, INTERMEDIATE (8 hrs.)**

3 August; Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company

Prerequisite: dBase IV, Introduction. This course focuses on data management capabilities using set commands, creating complex reports, and creating turnkey systems using IBM-compatible computers.

**CPR BASIC PROVIDER (8 hrs.)**

3 August; Tuesday, 0800-1630; Bldg. 6-2, Room 46. By: Preparedness Training

This course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. Certification in the following CPR techniques: one and two person CPR; infant CPR; and obstructed airway maneuvers in the conscious/unconscious adult and infant.

**WORDPERFECT, INTRODUCTION (8 hrs.)**

4 August; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra Inc.

Prerequisite: Prior PC experience. Learn basic operations of word processing, such as how to create, print, and save documents, and how to edit, modify, and enhance documents.

**MS DOS, INTRODUCTION (8 hrs.)**

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

Prerequisite: Prior PC experience. This course introduces the use of directories, file organization, and DOS commands, and explains standard hardware and applications on the IBM-compatible computer.

**CPR BASIC PROVIDER (8 hrs.)**

10 August; Tuesday, 0800-1630; Bldg. 6-2, Room 46. By: St. John's Hospital

This course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. Certification in the following CPR techniques: one and two person CPR; infant CPR; and obstructed airway maneuvers in the conscious/unconscious adult and infant.

**WORDPERFECT, INTERMEDIATE (8 hrs.)**

10 August; Tuesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra Inc.

Prerequisite: WordPerfect, Introduction. Presents intermediate skills such as merge operations, envelopes, mailing labels, macros, headers and footers, math, sorting text, columns, fonts, and graphics for the IBM-compatible computer.

**dBASE III+, INTERMEDIATE (8 hrs.)**

12 August; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Memory Company

Prerequisite: dBase III+, Introduction. This class covers creating data entry screens, retrieving data from multiple databases, using query files, and creating reports on the IBM-compatible computer.

SYSTEMS ENGINEERING DEVELOPMENT PROGRAM  
AND TECHNICAL MANAGER DEVELOPMENT  
PROGRAM APPLICATIONS BEING ACCEPTED

Application forms are now available for the Systems Engineering Development Program (SEDP) and Technical Manager Development Program (TMDP). The programs offer a significant opportunity to engineers and scientists at the upper DP-II and lower DP-III levels to develop and demonstrate their skills for senior-level systems engineering and technical manager positions. Participation in the programs does not in itself ensure reassignment or promotion.

Applicants for the program must meet the following minimum requirements:

1. Qualification as an engineer or scientist at the upper DP-II or lower DP-III levels.
2. Knowledge of more than one engineering specialty and demonstration of broad interests that cut across traditional disciplinary boundaries.
3. Experience in developing and making presentations.
4. Experience in writing technical documents.
5. Experience in task management.

Applicants must submit a completed SEDP or TMDP application form and the most recent performance appraisal of record to P622 by no later than close of business 29 July. Applications are available from Directorate Resources Offices and from Charley Shelton, Human Resources Department, Human Resources Development Division, P622, Building 5-1. Selections will be made by 27 September. For further information, contact Charley Shelton at 989-3990.



## Human Resources Department Information

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

## EMPLOYEE/LABOR RELATIONS DIVISION NEWS

## LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Tel-Mart) at China Lake. Forms for Point Mugu may be mailed to P621 and forms for China Lake may be mailed to C621. For additional information please call Maria Martinez at (805) 989-3222 or Cindy Smith at (619) 939-2018.

## CHINA LAKE

**Melvin (Randy) Mather, C2955**

Melvin had multiple surgeries following complications for a decubitus ulcer and infected bone. He was hospitalized and is indebted for leave.

**Lupe Vizcarra, C2197**

Lupe had a total knee replacement and will be off work for rehabilitation.

**Marjorie McGinnis, C3243**

Marjorie was hospitalized for a

severe bi-polar disorder and is not yet able to return to work.

**Darlene Herbstreit, C2818**

Darlene had a heart attack and is off work.

**David Leverett, C3223**

Dave underwent major back surgery and is indebted for leave.

**Sandra Rowan, C834**

Sandra had surgery and is in need of leave.

**Arthur Owens, C0242**

Arthur had surgery for a progressive spinal disease and is indebted for leave.

**Nadine Foley, C6261**

Nadine had surgery and is now recovering at home.

**Majorie Hunter, Secretary, C0231**

Majorie is undergoing surgery on both hands for carpal tunnel syndrome.

## POINT MUGU

**Melody Dates, P004B**

Melody underwent major surgery and is in need of leave.

**Laura L. Geer, P235**

Laura has complications of early pregnancy and is in need of leave.

**Tonja Newcomb, P0031**

Tonja is currently hospitalized for treatment.

**Josefina Gerende, P25511**

Josefina is undergoing surgery and is in need of leave.

**Dorla Goodrich, P363**

Dorla is undergoing radiation treatment for her illness.

**Camilla (Kim) Sullivan, P625**

Kim is on leave for chronic sinus disease and is in need of leave.

**Debbie Gilbert, Edwards AFB**

Debbie has been approved as a Leave Transfer Program recipient while her husband Lee Gilbert, Jr., undergoes three months of intensive rehabilitation therapy. Lee suffered major injuries in an auto accident. Participation of the spouse in such therapy has been found to be a significant factor in the rehabilitation process.

**Daniel Kelly, P38521**

Daniel is undergoing medical care and is in need of leave.



## HUMAN RESOURCES DEVELOPMENT DIVISION NEWS

## ON-BOARD TRAINING COURSE SCHEDULE

Nomination forms and course confirmation procedures to attend on-board training courses (unless otherwise noted) are outlined in the NAWCWPNS FY93 Spring and Summer Schedule Training Catalog. To obtain a copy of the nomination form (On-Board Training Request NAWCWPNS 12410/2) contact your Administration Office. For further assistance, at Point Mugu, contact Paula Phillips, P622, at (805) 989-3981, and at China Lake, contact Dorothy Wiederhold, C622 at (619) 939-2359. Nomination forms should be submitted as early as possible to preclude courses being cancelled due to insufficient enrollment. NAWCWPNS employees may attend training at any site with supervisory approval and on a space available basis. Preference will be given to employees at the site where the training is conducted. On-board training courses are presented at no cost to NAWCWPNS employees.

## CHINA LAKE COURSES

## SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

**EMC/EMI (4 hrs.)**  
5 August; Thursday, 0800-1130; Training Center. By: Robert Christiansen, C25654. REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

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

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

Deadline: 22 July.

## ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

## CAREER COUNSELING

**Non-Payday Fridays; Cerro Coso Counselors; Trailer behind training Center**  
One-on-one career counseling is available at the Career Transition and Outplacement Center located in the white trailer behind the Training Center. The counselor will be able to help with career decision-making, resume writing, and education counseling. Various programs, inventories, and assessments are available.

For more information about the services available or to schedule an appointment call 939-0873.

## GENADMIN MESSAGE PREPARATION (4 hrs.)

20 July; Tuesday, 0730-1130. Training Center. By: H2 Enterprises

This course is based on information obtained from the Naval Telecommunications Users Manual, NTP-3. The purpose is to understand the background and contents of the GENADMIN Naval Message Format. Participants will learn why the U.S. Armed Forces shifted to GENADMIN format, when and how to use mandatory and optional SETs and FIELDs. Message requirements as outlined in the Naval Telecommunications Users Manual, NTP-3 will be reviewed. Many hints and tricks will be covered that can be used on a daily basis.

To reserve a space call 939-3159.

## FOCUSING STRESS TO MAINTAIN HIGH PERFORMANCE (16 hrs.)

20-21 July; Tuesday-Wednesday, 0800-1700; Training Center. By: Bob Huey

This workshop is for all employees and supervisors. It gives practical tools to deal with current stress issues. The objective of the class is to be empowered by stress instead of overpowered by it by learning to identify your key stressors induced by events and people. Tools will be practiced in order to better tolerate specific problems, to discover solutions, and to build long-term stamina.

To enroll call 939-2468.

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

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

This class is designed to provide employees with general information about the Drug

Free Workplace Program and the Employee Assistance Program. Subjects include drug testing policy and procedures, typical drug abuse behaviors, the role of the Employee Assistance Program at China Lake, and a general question and answer session on substance abuse.

To enroll call Pat at 939-3159.

## MAC COMPETENCY WEEK/INTRO TO MACINTOSH (40 hrs.)

2-6 August; Monday-Friday, 0800-1600; Training Center. By: Human Interface Training

This 5-day hands-on crash course is good for those new to Mac's or those who need to become competent fast!!! Class includes an introduction to Macintosh computing, Word 5.0, Powerpoint, Filemaker Pro, and Excel 4.0.

Presentation Method: Hands-On Workshop  
To enroll call 939-0870.

## MTF MESSAGE EDITOR for IBM (8 hrs.)

3 August; Tuesday, 0800-1600; Training Center. By: H2 Enterprises

Prerequisite: Knowledge of GENADMIN Naval Message procedures.

The objectives of this course are to create, edit, copy, and spell-check Naval messages, using the MTF Editor message preparation program, and to physically and electronically prepare diskettes in accordance with NTP-3 Annex D by placing all necessary files and messages on a floppy disk for delivery and transmission by the Naval Telecommunications Center (NTCC), China Lake. All changes in the recently released version 3.4 will be covered. Participants will also learn how to use the program's format error checking.

To enroll call Pat at 939-3159.

## CARPAL TUNNEL SYNDROME (1 hr.)

6 August; Friday, 1300-1400; Training Center. By: Cindy Gruhot, Consultant

This presentation will cover the use of computers in relationship to carpal tunnel syndrome (CTS). The main areas of discussion will be:

- Anatomy of the hand
- Etiology and symptoms of CTS
- Relation of CTS to computer use
- Treatment of CTS once it is diagnosed
- Prevention awareness

This class falls in the category of safety awareness.

To enroll call the Wellness Program Office, 939-2468.

## MACINTOSH, INTRODUCTION (8 hrs.)

9-10 August; Monday-Tuesday, 0800-1130; Training Center. By: Margorie Hunter, C0231

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the keyboard and the mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information; use some typical applications packages such as a word-processor, and/or a graphic program.

(Applications to be surveyed may include MacWrite or Word, MacPaint, MacDraw or MacDraft. This class will not be able to cover

these applications in any detail. The student is referred to other classes offered for specific applications.)

Presentation Method: Hands-On Workshop  
To enroll call 939-0870.

## FINANCING YOUR FUTURE: An Early Look at Retirement Planning (8 hrs.)

11 August; Wednesday, 0800-1600; Training Center. By: Charla Green, Consultant

This course is for anyone who hopes to retire someday. Participants will be encouraged to design and fund a financial plan to meet their retirement goals. The importance of the Thrift Savings Plan and other tax-deferred investment vehicles will be explained. The instructor will discuss several additional investment opportunities and help participants learn to invest on their own. The group may also determine and discuss related topics and concerns surrounding long-term financial planning. Ample time will be allowed for questions and group interaction.

To enroll call the Wellness Program Office, 939-2468.

## BOOSTING YOUR IMMUNE SYSTEM: STRESS AND YOUR BODY (8 hrs.)

12 August; Thursday, 0800-1600; Training Center. By: Dr. Wes Youngberg, Consultant

This seminar deals with the impact stress has on our various body systems and its consequences on acute and chronic disease. Emphasis will be placed on the latest scientific studies showing the effects of various types of stress on the immune, cardiovascular, gastrointestinal, and other systems. The role of diet, exercise, and chemical dependency on stress will be discussed.

To enroll call the Wellness Program Office, 939-2468.

## POWERPOINT ON THE MACINTOSH (8 hrs.)

12 August; Thursday, 0800-1600; Training Center. By: Paul Colter, C6264

Prerequisite: General knowledge of Macintosh concepts and usage.

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

Presentation Method: Hands-On Workshop  
To enroll call 939-0870.

## OFFICIAL NAVAL CORRESPONDENCE (8 hrs.)

16 August; Monday, 0800-1600; Training Center. By: LaNelle Thompson

Intended Audience: Clerical/Administrative personnel.

This course is for all Center personnel who type, write, or approve naval correspondence. It is a detailed overview of SECNAVINST 5216.5C and NAVWPNCENINST 5216.8, which review standards for correspondence preparation, formatting, and paperwork management.

Presentation Method: Lecture  
Note: Please bring your copy of SECNAVINST 5216.5C (Correspondence Manual) to this class. If you don't have one available, you will be provided one in class.

Enrollment is on a call-in basis only. To enroll call Sue at 939-2349.

Deadline: 9 August.

## SECURITY CLASS

## CUSTODY CONTROL POINT (CCP) PROCEDURES (8 hrs.)

25 July; Wednesday, 0730-1630; Training Center. By: Linda Hall, C84301

Prerequisite: Security for Clerical and Administrative Workforce.

This class is for all custody control points and alternates. It will include a discussion of CCP responsibilities, duties, and procedures. This "hands-on" class will cover secret document control, accountability procedures, custodial responsibilities, transmittals, marking, wrapping, addressing packages, reproduction, and distribution.

To enroll call 939-2216.

## CLASS BEING CONSIDERED

The following class is being considered at China Lake in mid-August. If you are interested in participating, contact ET2 Troy McClain, C 8713, 939-5360.

**Note:** A J.O. for approximately \$300 per person will be required to cover the pro-rated cost.

## ELECTRONIC COMMUNICATION PRINCIPLES

This course provides the student with knowledge of Radio Frequency communication characteristics; principles of operation; basic types of modulation, CW, AM, SSB, FM, FSK, PCM, and PAM transmission; and reception principles and theory of operation. The course also discusses antennas and the communication circuits theory of operations. The student will construct and analyze selected electronic communications circuits.

## INFORMATION SESSION ON CERTIFICATE PROGRAM IN ENVIRONMENTAL MANAGEMENT

Beginning fall quarter, California State University, Bakersfield (CSUB) will offer a certificate program in environmental management at China Lake. The certificate program will consist of four five-quarter unit courses. CSUB bachelor's degree students in business administration may participate, using the courses as electives for an emphasis in environmental management under the General Business Concentration. CSUB master's degree students in administration may participate, using "500" level courses as electives in their program. The cost for the next academic year is expected to be \$400 per person per course. An information session will be held on-site on 4 August at the Training Center, with two opportunities to hear the representatives from CSUB: at 1000 and at 1300. Because space is limited, attendance will be on a first-come, first-served basis. To obtain a brochure on the program, call Cecil Webb at 939-0878.

## ADVANCED CONCEPTS IN UNIX (20 hrs.)

16-20 August; Monday-Friday, 1230-1630; Training Center. By: Noble Nkwocha, C6343

Prerequisite: Introduction to Unix Operating Systems class or 6mos experience using Unix.

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

Presentation Method: Hands-On

## Workshop

Deadline: 2 August.

## HOW TO READ NIF 009 (4 hrs.)

17 August; Tuesday, 1300-1600; Training Center. By: Larry Wailes, DFAS-CL, Code XEAG

This course is designed to help you read and understand one of the most important reports produced by the Center's Defense Business Operating Fund (DBOF) financial system. This course covers the basic DBOF concepts of cost center, accounting shop, job order structure, labor acceleration, stabilized rates, and applied overhead. The job order transaction cycle (commitment, obligation, accrual, and cost) is covered for labor; inventory issues; DES orders and contracts for material, services, and equipment; travel; cost distributions and transfers; and bad charges.

To enroll call Pat at 939-3159.

## MTF MESSAGE EDITOR for MAC (8 hrs.)

24 August; Tuesday, 0800-1600; Training Center. By: H2 Enterprises

Prerequisite: Knowledge of GENADMIN Naval Message procedures.

The objectives of this course are to create, edit, copy, and spell check Naval messages, using the MTF Editor message preparation program, and to physically and electronically prepare diskettes in accordance with NTP-3 Annex D by placing all necessary files and messages on a floppy disk for delivery and transmission by Naval Telecommunications Center (NTCC), China Lake. All changes in the recently released version 3.4 will be covered. Participants will also learn how to use the program's format error checking.

To enroll call Pat at 939-3159.

## EXCEL 4.0 FOR THE MACINTOSH (16 hrs.)

25-26 August; Wednesday-Thursday, 0800-1600; Training Center. By: Paul Baczkiewicz, C0802

Prerequisite: Basic Macintosh operating skills.

In this class you will learn basic Excel concepts: creating a worksheet; entering values, labels, formulas and notes; worksheet development (editing, moving around, using help, functions, fill copy, absolute and relative addressing, cut and paste, paste special, formatting, insert/delete, rows/columns, borders,

save); printing the spreadsheet (print area, headers, footers, page set up); keyboard macros; database operations (named ranges, split windows); charts; and linking worksheets.

Presentation Method: Hands-On Workshop  
To enroll call 939-0870.

## CSUN STUDENTS PLEASE NOTE

On 29 July information sessions will be held at the Training Center regarding changes to the Cal-State University, Northridge (CSUN) master's degree program in engineering at China Lake that will be effective fall 1993. CSUN representatives will be present to discuss changes. CSUN students are encouraged to attend one session. Sessions will be held at 1000, 1230, and 1400 hrs. Because seating is limited, attendance will be on a first-come, first-served basis.

## CSUC COMPUTER SCIENCE PROGRAM

The following courses are being offered for the fall semester for the Cal-State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. **Deadline for enrolling is 10 calendar days before the starting date of the class.** Enrollments are on a first-come, first-served basis, unless otherwise indicated.

## CSCI151: Algorithms and Data Structures (3 units)

30 August-15 December; Mondays and Wednesdays, 1130-1245; Training Center (videotape). By: Professor Melody Duncan, CSUC, (916) 898-6480

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

Prerequisite: Pascal or C, or consent of instructor.

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

Text: Data Structures and Program Design. Robert Kruse. Second edition.

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

## CSCI273M: Data Base Management (3 units)

24 August-16 December; Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By: Professor Len Fisk, CSUC, (916) 898-5709

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

Scope: An introduction to database management systems. Storage structures, data-definition languages, and data-manipulation languages for relational, hierarchical, and network approaches to database management.

Text: Fundamentals of Database Systems Management. Elmasri and Mavathe. Addison-Wesley, ISBN# 0-8053-0145-3.

## CSCI280: Digital Logic Design Theory (3 units)

24 August-16 December; Tuesdays and Thursdays, 0930-1045; Training Center (via satellite). By: CSUC Staff

Prerequisite: CSCI171: Computer Architecture or equivalent or consent of instructor.

Scope: An introduction to the contemporary top-down approach of designing hardware for digital systems. Stress is placed on understanding the problem and developing a systematic solution for the systems' data path architecture and sequential control circuits. The complete hardware design of a simple digital computer is covered within the textbook.

Text: The Art of Digital Design. Franklin Prosser and David Winkel. Prentice-Hall, second edition, 1987, ISBN# 0133046780-4.

## CSCI350B: Language Theory (3 units)

24 August-16 December; Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By: Professor Anne Keunke, CSUC, (916) 898-5998

Prerequisite: Familiarity with the principles of language definition and the formal specification of syntax and semantics.

Scope: Seminar in definition and philosophy of grammars, contextual relationships, semantic and syntactic analysis, parsing efficiency analysis, and program verification.

Text: Introduction to the Theory of Programming Languages. Bertrand Meyer. Prentice-Hall, ISBN# 0-13-498510-9.

## CSCI372: Operating System Theory (3 units)

24 August-16 December; Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By: Professor Jim Pinkert, CSUC, (916) 898-5000

Prerequisite: CSCI272: Multi-User Operating Systems or equivalent or consent of instructor.

Scope: Review of operation system development. Comparison of various types of multipurpose systems, including master/slave and parallel processor systems. Analysis of multiprocessor system performance and capabilities. Material for this course may change each semester to reflect current research in the field.

Text: Modern Operating Systems. Andrew S. Tanenbaum. Prentice-Hall, Inc., ISBN# 013335881870.

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

24 August-16 December; Tuesdays and Thursdays, 1530-1645; Training Center (via satellite). By: Professor Paul Luker, CSUC, (916) 898-4414

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

Scope: This course, which is a sequel to the analysis and design class, will concentrate on the design and implementation of object-oriented programs using C++. The focus will be on how to implement object-oriented models in C++, with a strong emphasis on good programming practice. All features of C++ will be examined in detail. Object Modeling Technique (OMT) will be used to express models.

Text: The C++ Language. Bjarne Stroustrup. Addison-Wesley, 1991, ISBN# 020153992-6.

## CSCI397C-15: Object-Oriented User Interface Design (3 units)

24 August-16 December; Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By: Professor James Murphy, CSUC, (916) 898-4037

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor. Helpful but not required. CSCI210: Software Engineering and CSCI231: Computer Graphics.

Scope: Object-oriented design and implementation of graphical user interfaces using the primitive X windows library as well as the Xt and Motif toolkits using the C++ programming language. Topics include event handling, use of color, graphics contexts, text and fonts, dialogue, design, and User Interface Management Systems.

Texts: (1) X Toolkit Intrinsics Programming Manual (OSF/Motif edition). Adrian Nye and Tim O'Reilly. O'Reilly and Associates, Inc., December 1990, ISBN# 1-56592013-9.

(2) Object-Oriented Programming with C++ and OSF/Motif. Douglas A. Young. Prentice-Hall, Inc., 1992, ISBN# 01336302521.

**NOTE:** CSUC has provided a video tape of the Fall 1993 professors with each one discussing his/her class for a few minutes. The video tape allows you to evaluate the course content and teaching style. The video tape may be viewed in the Learning Center.