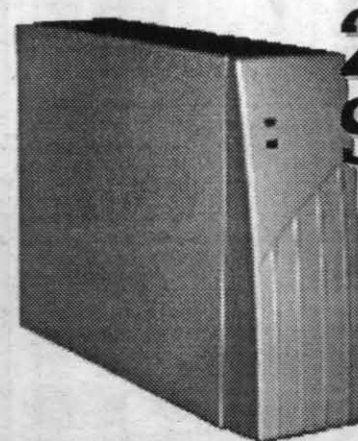


Valentine Deal Days

You'll Fall In Love with These Sweetheart Specials!

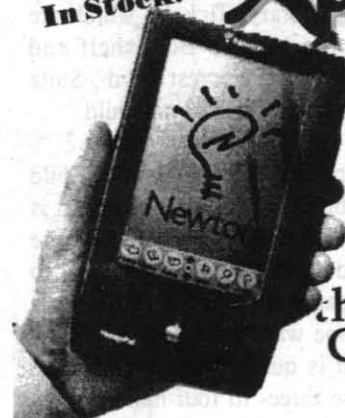


2.4 Gigabytes
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& the Energizer Screen Saver

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In Stock!

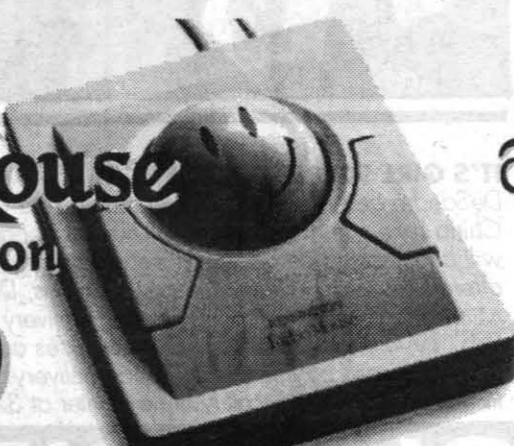


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\$849

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This Price Includes
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.25mm, 1152x870, 110Hz,
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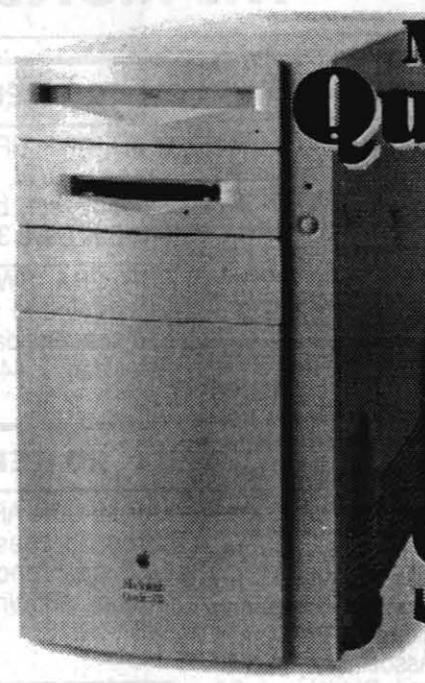
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Includes 8Mb RAM, On
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THE ROCKETEER

THURSDAY, JANUARY 27, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

VOL. 50, No.2

TDY in quake country

Employees survive

By Peggy Shoaf
Staff Writer

Don't be surprised if you see seven employees from the Naval Air Warfare Center Weapons Division wearing "I survived the Los Angeles Earthquake" T-shirts. Leon Watson, Don King, Victor Lee, Al Zidek, Charlie Dennison, Joe Valles and Mike Johnson were on assignment when the 6.6 temblor shook Southern California. Diane Wilson, a Comarco employee, was also there.

The eight were rather rudely awakened early on the Martin Luther King Jr. holiday when many of them were literally thrown from their beds at the Claridon Suites hotel in Canoga Park. The feeling of fear and helplessness was paramount.

"I tried to stand up, but the shaking was so bad I couldn't," King said. "I thought I was going to have to kiss my bippy goodbye."

King, who has felt a number of California earthquakes said this was different than any other. "Instead of shaking side to side, it shook up and down," he said. "It was bad."

"I've been in California since 1941 and this was definitely the worst quake I have ever experienced," said Watson.

"If you want to equate it to something," Lee said, "you could equate it to mortars being fired at the building."

The damage to the hotel, which is only about a mile from the apartment complex where 16 people died, was extensive, King said. In addition to the chests of drawers, lamps, televisions and plaster from the

Please see **EARTHQUAKE**, Page 10

Hull tells outlook conferees future consolidation could mean growth for Division

By Barry McDonald
Editor

"What's Global is Not Necessarily Local" is the message Capt. Roger K. Hull, vice commander of NAWCWPNS, delivered to attendees of Tuesday's Indian Wells Valley Economic Outlook Conference. The presentation represented a first for TID's Presentation Development Branch—a totally electronic brief; no slides, no vu-graphs. The show included still photographs, graphics, morphing and animation all programmed on a Macintosh Quadra 840 AV computer and projected via an LCD video projector.

"The trends in this country toward downsizing and cuts in military funding have not affected the workload at China Lake as dramatically as they have throughout the nation," Capt. Hull told the gathering of local merchants and community leaders.

NAWCWPNS China Lake remains the valley's largest employer with more than 5,000 civilians and 1,000 military personnel. "On a typical work day, counting contract personnel, close to 10,000 workers pass through our gates, maintaining a livelihood directly linked to the Navy

Please see **OUTLOOK**, Page 11

Thirteen honored at site meeting

One fell swoop takes care
of award backlog

8

Dick Boyd reflects on 42 years

Veteran China Laker says
'TheWay' will still work

16



Photo by Margie Hammett, TID

PERCHED upon a "B" Mountain foothill at the intersection of Water and Knox roads is the Frequency Monitoring Station.

Telecommunications act, technology advances increase RF monitoring

By Peggy Shoaf
Staff Writer

In the past, China Lake has enjoyed what was called an almost prestigious radio frequency spectrum, which is the electromagnetic environment," said David Baker, head of the Range Department's Frequency Management Office at the China Lake site of the Naval Air Warfare Center Weapons Division. "We could basically do as much testing as we wanted to, at any time, without worrying about receiving or causing RF interference. That luxury is no more."

The Omnibus (Budget) Reconciliation Act of 1993, Title VI, "Emerging Telecommunications Technologies Act," which reallocates 200 megahertz of prime military spectrum to the private sector, plus advanced weapons systems and today's electronic countermeasure technology have increased the need to enforce radio frequency spectrum rules and regula-

tions, Baker said.

In 1957 the Chief of Naval Operations made the commander of each base responsible for making sure these rules and regulations are enforced. These rules and regulations are detailed in the OPNAV Instruction 2400 series and the NWC (soon to be changed to NAWCWPNS) Instruction 2000 series.

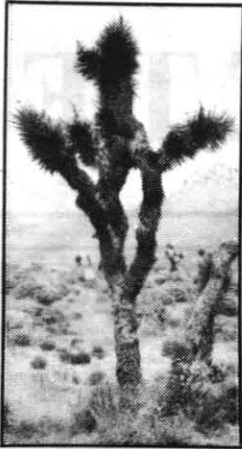
In the case of China Lake, Capt. Douglas W. Cook, who was then NAWCWPNS vice commander, appointed Baker as installation manager to implement all the rules and regulations from the CNO's office regarding the efficient and proficient use of the radio frequency (electromagnetic) spectrum.

"The chief function requirements for my job are the allocation and assignments of frequency coordination and scheduling, spectrum modeling and surveillance of everything that emits an RF (electromagnetic) signal throughout China Lake," Baker said.

Please see **RF RULES**, Page 14

Weather

	Max.	Min.	Gusts	Humidity
Jan 12-18				
Wed	70	24	6	42-13%
Thurs	68	26	7	35-14%
Fri	70	25	7	—
Sat	77	35	8	—
Sun	76	27	11	—
Mon	75	28	10	—
Tues	80	29	7	37-14%
Jan 19-25				
Wed	77	29	7	33-12%
Thurs	78	28	7	34-13%
Fri	64	29	4	34-13%
Sat	73	32	6	—
Sun	61	36	21	—
Mon	63	30	21	66-29%
Tues	62	39	23	54-20%



China Lake Calendar

Tuesday, Feb. 1

- Deadline to submit final nominations for the 1994 Fellow Program
- Grand re-opening of the indoor pool, 10:15 a.m., NAWS China Lake

Thursday, Feb. 3

- Prayer luncheon, 11:30 a.m., All Faith Chapel

Friday, Feb. 4

- Professional Women's Forum luncheon, 11:30 a.m., Carriage Inn banquet room

Tuesday, Feb. 8

- WACOM luncheon, 11 a.m., Seafarer Club

Tuesday, Feb. 15

- Final make-up session for Standards of Conduct/Prevention of Sexual Harassment training, 1 p.m., Room 1000D, Michelson Lab

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAdm. Dana B. McKinney

VICE COMMANDER

Capt. Roger K. Hull

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

DEPUTY COMMANDER FOR TEST AND EVALUATION

Gerald Wroot

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

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Editor

BARRY MCDONALD

Staff Writer

PEGGY SHOAF

Staff

KATHI RAMONT

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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

For what it's worth, I am a retired senior chief petty officer, also the dependent of a first class petty officer, and am presently employed by a base contractor. I have been stationed at China Lake a total of eight years and have worked as a civilian for six months. My question regards the operation of the Visitors' Center. I recently purchased a new motorcycle. Because I picked it up on a flex Friday, I was unable to obtain a vehicle pass until Monday. So, Monday rolls around and I leave the house early so as to get a temporary pass to get to work, thinking I'll have plenty of time to get the gate guard to issue me a one-day pass and use my lunchtime to get a temporary until the title comes in the mail. This was a great plan until I hit the gate. The guard at the gate stated he could not issue a temporary and that I'd have to come back at 7 a.m., when the Visitors' Center is open.

Why can't the Visitors' Center be open for vehicle passes and renewals on flex Fridays, considering the whole concept of flex Fridays, as I know it, was that employees of the base would have a day to take care of business such as this and save lost work hours in the process? Secondly, why can't the main gate be allowed to issue one-day passes, so a person could at least get to work and take care of personal business on their lunch break or during the Visitors' Center's working hours? The traffic at the main gate is bad enough without the guard having to hold up the flow while he explains to someone why they can't get a pass because the rules have changed again. I would like to point out that everyone I dealt with in this matter was very polite and professional.

Maybe I'm wrong, but I think there could be a better way to do business. Thank you for listening.

ANSWER

Your letter addresses several issues that need to be clarified.

"Day passes" are issued by gate guards to permit visitors access to the administrative area (main site) of China Lake. They do not permit access to any restricted area.

Please see **DAY PASSES**, Page 17

Prayer luncheon set for February 3

This year's local National Prayer Luncheon will be held at 11:30 a.m., Thursday, Feb. 3, at the East Wing of the All Faith Chapel. The luncheon is a time for prayers for our nation and reaffirming the spiritual foundation of our country. This event begins with the National Prayer Breakfast held in the nation's capital. Local observations occur at military installations across the country.

The featured speaker at this local event will be Capt. Charles A. Stevenson, NAWS CO. The program will also include prayers for our nation by members of the Catholic, Islamic, Jewish and Protestant congregations. The Barbershop Quartet called the Gold Canyon Express will sing a selection of patriotic songs, and the ladies from all four congregations of the Protestant Chapel will cater the luncheon.

Tickets, which cost \$5, can be obtained from the Chapel Office (939-2873), or at The Fish, 634 S. China Lake Blvd in Ridgecrest, or from members of the Men's Prayer Breakfast. For further information, call Marvin Backman at 375-4068.

Feb. 15 is last day for SOC training

Tuesday, Feb. 15, will be the last day to make up the mandatory Standards of Conduct/Prevention of Sexual Harassment training for 1993. The session will be held at 1 p.m. in Room 1000D, Michelson Lab. This training is mandatory for all Department of the Navy personnel. Any employee who did not attend the earlier sessions, held late last year, must attend this final make-up session. If there are any questions, call Phyllis Linder at 939-2642 or Melissa Lytell at 939-3317.

Pages From The Past

Jan. 20 & 27, 1984

Walter Smith, Lowell Wilkins, Richard Seeley and Bennie Macomber were the latest China Lakers to receive the prestigious Michelson Laboratory Award. . . Marty Shelton of TID has been named president of the Information Film Producers of America. . . AO1 Tommy Davis is NWC's Bluejacket of the Quarter. . . EO1 Richard Hardwick relieved EOC Cy Ebersberger as OIC of China Lake Detachment 0217, Reserve Naval Mobile Battalion 17. Ebersberger is the new XO of the battalion's Delta Company.

Jan. 25 & Feb. 1, 1974

Dan Gillespie and Roy Leipnik of the Research Department were honored by the Research Society of America for their research papers. . . The paper shortage at NWC and the government is critical and more conservation steps have been ordered. . . The third annual Inyokern Air Intercept drew more than 3,000 visitors to the area. . . Charlotte Braitman was honored by the Kern County Board of Supervisors for her 25 years of service to the China Lake Hebrew Congregation.

Jan. 24 & 31, 1964

Paul Diehl has been named manager of the Commissioned Officers Mess (Open) at NOTS. . . The Test Department announced development of TIM (Tracking Instrument Mount) for use in the nation's space program. . . Actors Jackie Cooper and Joe Flynn are slated to be guests of honor at the annual Neptune Ball. . . Cdr. Jack Manherz relieved Cdr. Harry O'Connor as commanding officer of VX-5.

Jan. 22 & 29, 1954

Hack Wilson moved from associate head of the Test Department to succeed B.W. Beadle as head of NOTS Central Staff. . . Virginia Hancock was crowned Queen of the March of Dimes Polio Dance. . . John Dragovich has succeeded Ty Blair as China Lake Little League Commissioner. . . R.W. Anderson, personnel officer, reported that 102 Station employees received Beneficial Suggestion Awards during 1953, a record high. . . Bill Finnegan was elected president of the NOTS Rockhounds.

COMMUNITY EVENTS

Social Security representatives will be at Ridgecrest City Hall, 100 W. California Ave., from 9:30 a.m. to 12:30 p.m. on Thursdays, Jan. 27, Feb. 10 and 24, and March 10 and 24. For more information, contact the Social Security Office at 701 West Ave-K, Suite 109, Lancaster, CA 93534. For general information about Social Security, call 1-800-772-1213 from 7 a.m. to 7 p.m. any business day.

####

Charlotte Diamond, recognized as "Children's Performer of the Year" and a Juno Award (the Canadian Grammy) winner, will be sponsored by the Community Connection for Child Care at a concert at the Burroughs High School Lecture Center at 7 p.m. on Jan. 28. The Canadian singer is a former science teacher who incorporates her experience as an educator into the music she shares with her audience. In fact, said a CCCC spokesperson, her audience will experience the art of music. Children have an opportunity to participate with Diamond while she sings songs reflecting cultural diversity. Tapes and videos by Diamond

are available for preview from the CCCC free lending library. Tickets, which are on sale at the Village Bookshelf and CCCC (237 W. Ridgecrest Blvd., Suite D), are \$6 per adult and \$3 per child.

####

The Community Connection for Child Care parenting tape for Jan. 31-Feb. 6 is "Should I Work?" which looks at the emotional decisions around returning to work. The parenting tape for Feb. 7-13 is "Quality Time with Children" which discusses what is quality time and how to get it. These three- to four-minute tapes can be heard from 5 p.m. to 8 a.m. by calling 375-0446.

####

On Feb. 1, the Aguabonita Flyfishers will hold a fishing tackle and equipment swap meet during their regular meeting at the Grace Lutheran Church at 7:30 p.m. The flyfishers hold monthly meetings on the first Tuesday of each month. The public is invited to participate in this swap meet. For more information, call Phil Dixon at 371-1582 or Steve Garrison at 375-3192.



Photo by Margie Hammett, TID

IT'S GIRL SCOUT COOKIE TIME and Niki Dome, Margie Johantgen, Heather DeSandre and Amanada Hunter makes sure Capt. Charles A. Stevenson, NAWS China Lake commanding officer, has an opportunity to place his order early. Girls will be knocking on doors to take orders beginning Jan. 29. Seven varieties are offered this year—Chalet Cremes, Samoas, Do-Si-Dos, Tagalongs, Trefoils, Thin Mints and a new one called Juliettes. Delivery in the Ridgecrest area will be from Feb. 19 through March 21. Cookie prices are the same as last year, \$2.50 per box, and cash payment is due upon delivery. If you are not contacted, but would like to order cookies, call Margie Hunter at 375-6037.

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MISC. FOR SALE40
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THE MONDAY BEFORE PUBLICATION

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M.
THE MONDAY BEFORE PUBLICATION

1 PERSONALS

HOW TO CUT your utility bill in half. Send \$5 to John Fitzgerald, P.O. Box 6277, Ridgecrest, CA 93556. (0210)

10 HELP WANTED

The Desert Empire Fair Board of Directors (53rd District Agricultural Association) is now seeking applications for Chief Executive Officer of the Desert Empire Fair. Monthly salary range \$4464-\$4900. Final filing date, 5:00 p.m., February 25, 1994. Bond requests for additional information to: Donna Darnell, President; 53rd District Agricultural Association; 520 S. Richmond Road; Ridgecrest, CA 93555. (0127)

15 SERVICES/SCHOOLS

LANDSCAPING by Deluxe. Sprinklers, drip, clocks, sod, rock, installation & repairs, clean-ups & hauling. Gardening starting at \$15 weekly. 377-4419. (0324)

20 RENTALS

2 BR. APT. UPSTAIRS. refrig., range, D/W, GD, garage, balcony, sm. back yard. \$400 mo. Call Dave 384-3283. (0127)

2BR, 2BA, SW, laundry room, FP, enclosed yard. \$375/mo. \$10 non-refundable credit check. Avail. Jan. 1. 446-3401. (0127)

20 RENTALS

LARGE 2BR APT. stove, refrig., carpet, drapes, dual cooling, W/T pd, fenced yard, free laundry. \$350/mo. + dep. 375-9667. (0210)

25 REAL ESTATE

OPEN HOUSE 1-5 p.m. Sunday or by appt., 375-5952. 3BR, 1-3/4BA, 538 N. El Prado. (0127)

R-RANCH in the Sequoias; Four Season Recreational Resort; use year round; \$14K. 805/491-2455. (0310)

35 AUTOMOTIVE

1981 RED PORSCHE Sunroof, good cond., \$3,000 obo. 375-5952. (0127)

1982 FORD FUTURA. Good cond. \$1,200 obo. 375-5952. (0127)

40 MISC. FOR SALE

BEAUTIFUL wedding viel \$75. Thigh Master \$10, wicker chair \$10. 375-5117. (0127)

COMPOUND BOW for sale. 60 lb. pull. \$80. 375-8995. (0127)

45 PETS & SUPPLIES

FREE TO GOOD HOME - male, long haired grey and white cat. Good family cat. 446-6399. (0127)

POMERANIANS male puppy, red sable, full coat, with AKC \$350; without \$200. Apricot female, black male, both AKC registered, 2 yrs. \$500 both; \$300/each. Red Sable male, 3 yrs. \$150. Love children. Call 377-4419. (0127)

45 PETS & SUPPLIES

TWO PURE BRED Mini Shar Pei. Breedable; 1 black, 1 cream. Both for \$400 or \$250/each. 377-4419.

MINI POT BELLIED PIGS. Very small. If interested, call 377-4419. (0127)

CLASSIFIEDS
GET RESULTS!
TO PLACE
YOUR AD
CALL
375-4481

MWR directory

Auto Hobby Center Tuesday-Friday Open Flex Friday Saturday & Sunday Closed Mondays	11 a.m. to 8 p.m. 9 a.m. to 6 p.m.	939-2346
John Pirooska, Manager		
Bowling Center Snack Bar Monday-Friday Saturday, Sunday & Holiday	11 a.m. to 8 p.m. 1 p.m. to 9 p.m.	939-3471 939-8865
John Pirooska, Manager		
Child Development Centers Monday-Friday Closed Flex Friday	6:30 a.m. to 5:30 p.m.	939-6681
Debra Oliver, Manager		
Craftech & Information, Ticket & Tour Monday-Thursday Friday Saturday Sunday	10 a.m. to 7 p.m. 10 a.m. to 3 p.m. 10 a.m. to 3 p.m. Closed	939-6681
Pat Pirooska, Manager		
Family Child Care (FCC)		939-6681
Janet Presley, Coordinator		
Golf Course Daily Monday Tuesday-Thursday Friday-Saturday Sunday	6 a.m. to dusk 6 a.m. to 9:30 p.m. 6 a.m. to 6 p.m. 6 a.m. to 7 p.m. 6 a.m. to 6 p.m.	939-2990 939-2563
Tom Page, Manager		
Gymnasium Monday-Friday Open Flex Friday Saturday Sunday & Holidays	5:30 a.m. to 9:30 p.m. 8 a.m. to 9:30 p.m. 11 a.m. to 6 p.m.	939-2334
Clear Issue hours vary, depending upon the type of equipment being checked out. Elaine Jackson, Sports/Fitness Manager Karen Rivers, Gym Manager		
Library Monday-Thursday Friday & Saturday Sunday	11 a.m. to 8 p.m. Closed 10 a.m. to 6 p.m.	939-2595
Elizabeth Shantele, Librarian		
Main Office Monday-Friday Closed Flex Friday	7 a.m. to 5 p.m.	939-2010 939-3980
Pools China Lake Community Pool Solar Park Pool Hours are seasonal. Call the gym for specific hours.		927-3721 939-3980
Wendy Burge, Coordinator		
SATO Leisure Travel Monday-Thursday Flex Friday Non-flex Friday	8:30 a.m. to 5 p.m. 8:30 a.m. to 5 p.m. 10 a.m. to 2 p.m.	446-7751/2
Sherry Clark, Manager		
Seafarer Club Office Monday-Friday Flex Friday CPO Lounge Monday-Thursday Friday Flex Friday Pizza Sports Bar-Freddy's Place Sunday-Wednesday Thursday-Friday Pizza/Sandwich Delivery Hours (with a minimum order of \$10) Lunch Evening Barefoot Bar Wednesday & Friday Thursday, Flex Friday Week	8 a.m. to 4 p.m. Closed 3:30 to 9 p.m. 3:30 p.m. to 9 p.m. Closed 3 p.m. to 10 p.m. 1 p.m. to 11 p.m. 11 a.m. to 1 p.m. 5 p.m. to 9 p.m. 4:30 to 11:30 p.m. 4:30 to 11:30 p.m.	939-8658 939-2581 939-3166
Lore "Sam" Salyards, Manager		
Stables		939-3471
John Pirooska, Manager		
Youth Center Monday-Friday (closed Flex Friday) Saturday-Sunday	6:15 a.m. to 5:45 p.m. 12 p.m. to 3 p.m.	939-2909
Loy Vincent, Manager		
Tom Blackmore, Director, MWR Soeja Johnson, Deputy Director		

MWR calendar

- Sunday, Jan. 30**
• Super Bowl Sunday, 11 a.m., Seafarer Club
- Thursday, Feb. 10**
• Deadline to order Valentine Flower Grams.
Call 939-3252 for more information.
- Deadline to order sweetheart balloon bouquets.
Call 939-2909/2076 for more information.
- Friday, Feb. 25**
• Sweetheart Dinner Dance, 6 p.m., Seafarer Club

Auto Hobby Center...

Save money at the Auto Hobby Center

Why spend more than necessary for automotive repairs? The Auto Hobby Center houses metric and standard tools, pre-smog check service, paint booths, engine analyzer equipment and much, much more. Auto Hobby is ready to save its customers money! The Auto Hobby Center is open to military and DoD personnel and their dependents. For more information, call 939-2346.

Car Wash

Sporadic rainfall has been spotting a lot of cars in town.

Seafarer Club...

Super Bowl Sunday

Complimentary chili with all the fixin's can help make this Super Bowl Sunday even more special at Freddy's Sports Bar. Join the MWR family at Freddy's to watch the game on Jan. 30 on a big-screen television. The fun begins at 11 a.m. During the game, Freddy's will offer a special on selected drinks. For additional information, call 939-8661.

Sweetheart Dinner Dance

On Friday, Feb. 25, MWR will sponsor a Sweetheart Dinner Dance at the NAWS China Lake Seafarer Club.

Highlighting this event will be the "Beefeaters Buffet," featuring steamship round, baked potato, buttered corn, seasoned green beans, assorted rolls and breads, salad bar, soup, assorted desserts, coffee and tea. Cost is \$8.95 per person.

Youth Center/Child Care...



Balloon Bouquets

Sweetheart balloon bouquets, made up of 12 crystal and one mylar balloons are available at the Naval Air Weapons Station China Lake Youth Center. Cost is \$17 for bouquets delivered by Youth Center staff (no airfield or off-station deliveries) and \$12 if picked-up at the Youth Center.

Deliveries will be made between the hours of 8 a.m. and 4 p.m. For Valentine's Day delivery or pick-up, orders must be made by 4

p.m. on Feb. 10.

Youth Center personnel say there is a variety of balloons to choose from, so orders must be placed in person. The Youth

Sports/ Gymnasium...

Camper, trailer rental

Save 50 percent through February on camper and trailer rental rates. The Morale, Welfare and Recreation Department has hard top, 18-foot and pop-up tent trailers for rent. Also available are boats and pull equipments, camping gear and other items needed for an enjoyable outdoor vacation.

For additional information, contact the NAWS China Lake Gymnasium at 939-2334.

Aquacize

Aquacize in the newly renovated indoor pool on Tuesdays, Wednesdays and Thursdays starting Feb. 1. Ideal for non-swimmers, this water exercise program will be held from 9 to 10 a.m. and 5:30 to 6:30 p.m. Joan Renner is the instructor.

Miscellaneous...

Table and chair rental

Codes or individuals at NAWS China Lake can now rent folding tables and folding metal chairs from the Morale, Welfare and Recreation Department. Daily

When it's time for a wash, give MWR's automated car wash, located in the Public Works parking area, a try! This drive through system is for cars and passenger trucks. To complete the car's beautification process, a vacuum is also available. Another convenient car wash is located near the Auto Hobby Center. This car wash is a pressurized system using a hand-held wand that is also appropriate for recreational vehicles and larger trucks. Vacuums may also be requested from the Auto Hobby Shop's personnel. At either car wash, vehicles can be washed for \$1.

For additional information, call 939-2346.

A social hour will begin the event at 6 p.m., followed by the dinner at 7 p.m. Dancing to the music of the DJ "Soundwaves" will take place from 9 p.m. to 1 p.m. During the entire evening, special drink prices will be in effect, along with a complimentary glass of wine or soda to each guest.

Reservations, which are required, can be made by calling the Seafarer Club before the close of business on Feb. 19.

Freddy's Pizza

Hot, freshly-made pizza is available at Freddy's Sports Bar, located in the Naval Air Weapons Station China Lake Seafarer Club. Delivery to on-station areas is available after 5 p.m. daily and from 11 a.m. to 1 p.m. Monday through Friday, excluding flex-Friday. A minimum delivery order is \$10.

To order, call 939-2581.

Center is located on the corner of Richmond Road and King Street, next to the Craftech Center.

For more information, call 939-2909/2076.

Weekend roller skating

During the weekends, the Naval Air Weapons Station China Lake Youth Center is open for roller skating from 1 to 3 p.m. on Saturdays and noon to 3 p.m. on Sundays.

Cost is \$1.50 for military personnel and their dependents, \$2 for Department of Defense personnel and their dependents and \$2.50 for all others. Skate rental is additional.

For more information, call the Youth Center at 939-2909.

Movin' On Up

Movin' On Up is a program that can be used as a solution to the latch key child problem facing many dual working families in today's work force. Children move right on up into all levels of social, educational and recreational skills required for them to reach their full potential. This program is a before and after school program for children who are entering kindergarten through sixth grade. For additional information, call the Youth Center at 939-2909.

The monthly cost is \$18 for military personnel and their dependents, \$21 for Department of Defense and their dependents and \$24 for all others. Daily cost is \$2.50 for the military, \$3 for DoD and \$3.50 for all others.

Gym membership is not required.

Step aerobics

Denise Pinchen will lead Step Aerobics in the NAWS Gym Annex Monday through Friday. Times will be from 5:15 to 6:15 p.m. Monday through Thursday, 4:15 to 5:15 p.m. non-flex Fridays and 9:30 to 10:30 a.m. flex Fridays.

Monthly fees are \$23 for military personnel and their dependents, \$25 for DoD personnel and their dependents and \$27 for all others. Daily fees are \$3.25, \$3.50 and \$3.75, respectively.

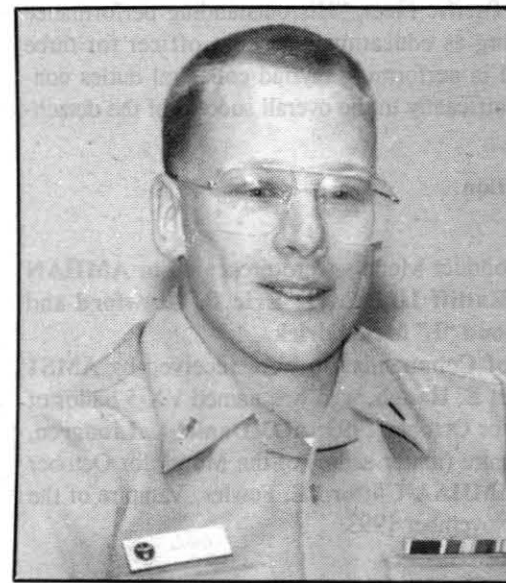
rental fees are \$4 per table and 50 cents per chair. A returnable \$20 deposit is required per table, as is a \$2 deposit per chair. For more information, call Anton Kiren at 939-3975.

Lt.j.g. Shane G. Harris

New OIC of PSD got a boost into officer ranks

By Barry McDonald
Editor

Taking advantage of one of the special programs the Navy offers, Shane G. Harris entered the service as an enlisted man right out of high school in 1985 and in December 1990 was commissioned an ensign. Now a lieutenant junior grade, Harris, who recently assumed officer-in-charge duties at the Personnel Support Detachment, is a product of the BOOST (Broadening Opportunities for Officers Selection and Training) Program. High Scholastic Aptitude Test scores qualified him for the program, which involved an initial



Lt.j.g. Shane G. Harris

IWVCPOA sets birthday ball Feb. 12

Celebrating the 101st Anniversary of the U.S. Chief Petty Officer (CPO) rank, the Indian Wells Valley CPO Association is hosting the Chief Petty Officer's Ball, Saturday, Feb. 12, at the Seafarer Club.

The association invites all active duty, reserve, retired and prior E-7s, -8s and -9s from all branches of service, and their guests, to attend.

The evening will kick off at 6 p.m. with a no-host social hour. Dinner, which begins at 7, will include shrimp cocktail, vegetable soup, garden salad, rolls, prime rib, baked potato, fresh vegetables, cake and coffee.

The program will begin at 8:15, featuring

TAMP plans Brown Bag courses for February

NAWS Transition Assistance Management Program (TAMP) has announced Brown Bag topics for military members and spouses for the month of February. "Tax Preparation Tips" is scheduled for Feb. 2 from 11:30 a.m. to 1:30 p.m. in Room 203 of the Training Center.

"Financial Planning and Credit Management" is the topic for Feb. 9. This class will meet from 11:30 a.m. to 12:30 p.m. in Room 211 of the Training Center.

"Projecting a Professional Image" is set for

year of cramming, then, for him, a four-year ROTC assignment to Purdue University.

Harris graduated from Purdue with a bachelor's degree in chemistry, got his commission and resumed his Navy career by immediately attending Surface Warfare Officer School and Steam Engineering School. Then in June of 1991 he joined the *USS Dahlgren*, where he served as Repair Division officer and engineering administrative officer during UNITAS XXXII, a South American deployment. Though he transferred from the Dahlgren after just a year, he earned his Steam Engineering Officer of the Watch pin before leaving.

In December of 1991, he began two years at the Bureau of Naval Personnel in Washington, D.C., serving as administrative officer of PERS 21, before transferring to PSD China Lake.

"No wife, no kids, no dog," is the way the new OIC summarized his personal life. He added that he enjoys golfing and bike riding and that he is a rugby referee. This past weekend he officiated his first game (San Bernardino vs. Kern County) since coming to the West Coast. He explained that he'd played nine semesters of rugby when he was at Purdue and has remained involved ever since.

When he leaves China Lake, Lt.j.g. Harris plans to take advantage of further educational opportunities and earn a master's in chemistry. He feels that will stand him pretty good stead, whatever the future holds. If the Navy still presents good opportunities, after he's paid back his graduate study time, he'll stay in. If not, he'll be ready to challenge the civilian world.

MILITARY NEWS



Meritorious Service Medal recipient, Cdr. Michael R. Sturm

Major awards are presented at quarters for VX-5 and PSD

A Meritorious Service Medal topped the awards handed out at quarters for Air Test and Evaluation Squadron in December 1993 and earlier this month, while the Personnel Support Detachment saw Navy Achievement Medals go to two of its members.

At VX-5's quarters in December, Cdr. Michael R. Sturm received the Navy Commendation Medal for service as executive officer, training officer, operations officer and contingency cell officer at Naval Strike Warfare Center, Fallon, Nev., from December 1989 to August 1993. "Consistently displaying selfless dedication, the utmost competence and innovation, Cdr. Sturm masterfully integrated lessons learned from Operation Desert Storm, producing a training syllabus faithfully reflecting current real-world scenarios," Chief of Naval Operations Adm. Frank B. Kelso wrote in the citation accompanying the medal. "Additionally, he spearheaded implementation of field close air support, combat search and rescue operations, and defense suppression tactics. He represented the center in significant weaponizing studies and wargaming efforts conducted by the Chief of Naval Operations staff, providing the foundation for Navy input to the Secretary of Defense for future Navy and Marine Corps power projection assets."

AKC James R. Nergaard was presented the Navy Commendation Medal for service as Material Division and Aviation Support Division leading chief petty officer aboard *USS Carl Vinson* from October 1991 to October 1993. "Displaying exceptional leadership, Chief Petty Officer Nergaard efficiently upgraded the material condition of all assigned storerooms while meeting or surpassing all type commander objectives for inventory accuracy during complex overhaul," wrote RADM. S.R. Briggs, acting commander, Naval Air Force, U.S. Pacific Fleet, in the citation. "His efforts were directly responsible for the Material Division receiving three consecutive grades 'outstanding' on Supply Management Inspections...He successfully implemented both SUADPS Release III and NALCOMIS Phase II, and was directly responsible for Carrier Air Wing

Please see **AWARDS**, Page 4

AWARDS from Page 3

14 attaining a 98 percent full mission capable rate during Tailored Ships Training Availability."

A Navy Achievement Medal went to Lt. Thomas M. Hatke for service as training officer, Strike Fighter Squadron 147 from March 1990 to August 1993. "Demonstrating exceptional initiative, Lt. Hatke developed an air-to-air training syllabus that greatly enhanced pilot tactical proficiency and squadron combat readiness in the air combat arena," wrote RADM. Briggs. "His unmatched diligence and resourcefulness were responsible for 'outstanding' results on numerous inspections, including a flawless score on the Mine Readiness Certification Inspection." Briggs went on to credit Hatke's tactical expertise for the success of the squadron in Operation Southern Watch.

Then at quarters on Jan. 6, Lt. Hatke was further honored for his flying achievements during Operation Southern Watch from March 23 to May 28, 1993, with the presentation of the Air Medal. Adm. Kelso wrote in the citation, "By his superb airmanship, steadfast perseverance and unselfish devotion to duty in the face of hazardous flying conditions, Lt. Hatke reflected great credit upon himself and upheld the highest traditions of the United States Naval Service."

ATSC Steven E. Stewart received the Navy Commendation Medal for service as night shift maintenance control chief and Line Divisions chief with Tactical Electronic Warfare Squadron 34 from January 1992 to October 1993. "Demonstrating keen foresight, exceptional coordi-



AKC James R. Nergaard



Lt. Thomas M. Hatke

nation and superb leadership abilities, Senior Chief Petty Officer Stewart was the driving force behind the Maintenance Department preparation for the Commander Strike Fighter Wing, U.S. Pacific Fleet 'Safe Flight' Inspection, wrote RADM Briggs. "Displaying superior leadership and expert resource management, he achieved an unprecedented 100 percent mission completion rate as the maintenance chief petty officer during seven F/A-18 operational detachments."

AMS1 (AW) Brian J. Moses was presented the NAM for his service as Aircraft Division leading petty officer at VX-5 from June 7 to Oct. 8, 1993. "Petty Officer Moses' ability to manage both the Aircraft Division and the airframes workcenters was nothing short of incredible," wrote Capt. Scott C. Ronnie, VX-5 CO. "Dedicating numerous off-shift hours, he kept up with the tremendous maintenance demands of Chief of Naval Operations project testing aircraft as well as seeing to the welfare of 33 assigned personnel."

PSD
At PSD DK1 Denise R. L. Woods received the NAM for service as agent cashier, auditor and fiscal clerk aboard USS Acadia from September 1990 to September 1993. "Displaying exceptional skill and resourcefulness, tremendous customer service talent and 'can do' attitude as agent cashier, she assisted customers with various pay requests and helped to expeditiously solve problems for a crew of 1,400," wrote VAdm. David B. Robinson, com-



ATSC Steven E. Stewart



AMS1 Brian J. Moses

mander, Naval Surface Force, U.S. Pacific Fleet. "Demonstrating precise and efficient management of the disbursing officer's accountability, she played a pivotal role in achieving a grade of 'outstanding' during the November 1992 surprise audit."

A recently departed member of the local PSD, PN2 Andrew J. Gorrell, was honored with the NAM for his service here as military personnel supervisor and source data system site manager from February 1993 until his departure earlier this month. "Demonstrating exceptional organizational and managerial abilities, Petty Officer Gorrell directed the operation of the Military Personnel Section that was only 75 percent manned while maintaining quality customer service and operational efficiency," wrote Adm. R.J. Kelly, Commander in Chief U.S. Pacific Fleet. "His outstanding performance while serving as educational services officer for three months and in performing myriad collateral duties contributed significantly to the overall success of the detachment."

Recognition

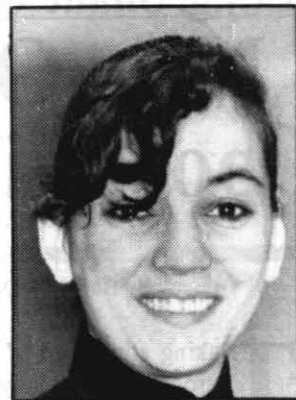
VX-5

Good Conduct Medals were presented to AMHAN Alfred T. Ratliff III, AMH2 Eric D. Crawford and AO3 Raymond "L" McGoldrick.

Letters of Commendation were received by AMS1 (AW) Steven E. Haugh, who was named VX-5 Sailor of the Month for October 1993; AO3 Daniel L. Lindgren, named Vampire (junior sailor) of the Month for October 1993; and AMHAA Clifford E. Fowler, Vampire of the Month for November 1993.

PSD

PN2 Jose R. Castro received a Letter of Commendation for service with Tactical Electronic Warfare Squadron 132 from November 1990 to November 1993.



DK1 Denise R. L. Woods

Steroid users subject to prosecution

Washington (NNS)—Anabolic steroids are a controlled substance, a drug. Personnel found using steroids are subject to prosecution under the Uniformed Code of Military Justice (UCMJ), Chapter 47, Article 112A.

DoD recently announced an interim policy on steroids that will include testing. The tests will take place much like other drug tests, randomly and without warning under established testing programs and procedures.

There are many healthy ways to develop muscles, as many professional athletes can tell you. For more information about the harmful effects of anabolic steroid use, contact your health care provider.

All Faith Chapel Services

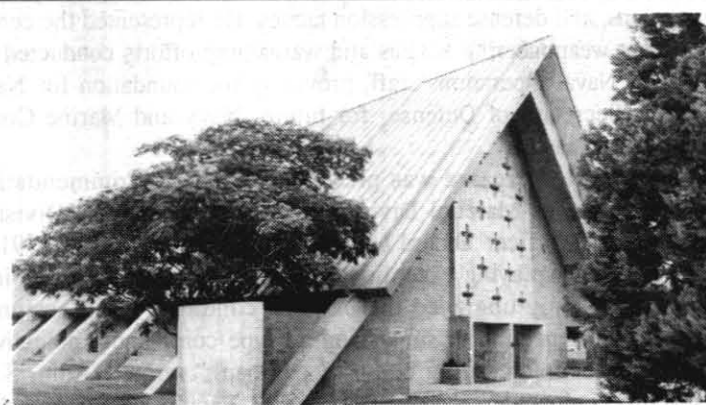
Hearing Impaired Equipment and Nursery Available

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
(September thru May)
Bible Study (East Wing), Wednesday 11:30 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.
Jewish (446-3613 Messages)
Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dobb 2-5 p.m.
Adult Education, Saturday, 1902 Dobb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dobb 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May)
1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Adult Education Classes, Thursdays (September - May)
St. Ann's School Library 7:00 - 8:00 p.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) 12:00 p.m.



Chaplain T. Mele, LCdr., CHC, USN
Chaplain Jay Heyman, Lt., CHC, USNR
Chaplain David Allica, Lt., USNR

Office Hours Monday, Tuesday, Thursday, Friday 0730-1630
Wednesday 0730-2000, Flex Fridays 0730-Noon
939-3506, 939-3507, 939-2773, 939-2873



MWR

THE INSIDER

Indoor pool grand re-opening slated for February 1

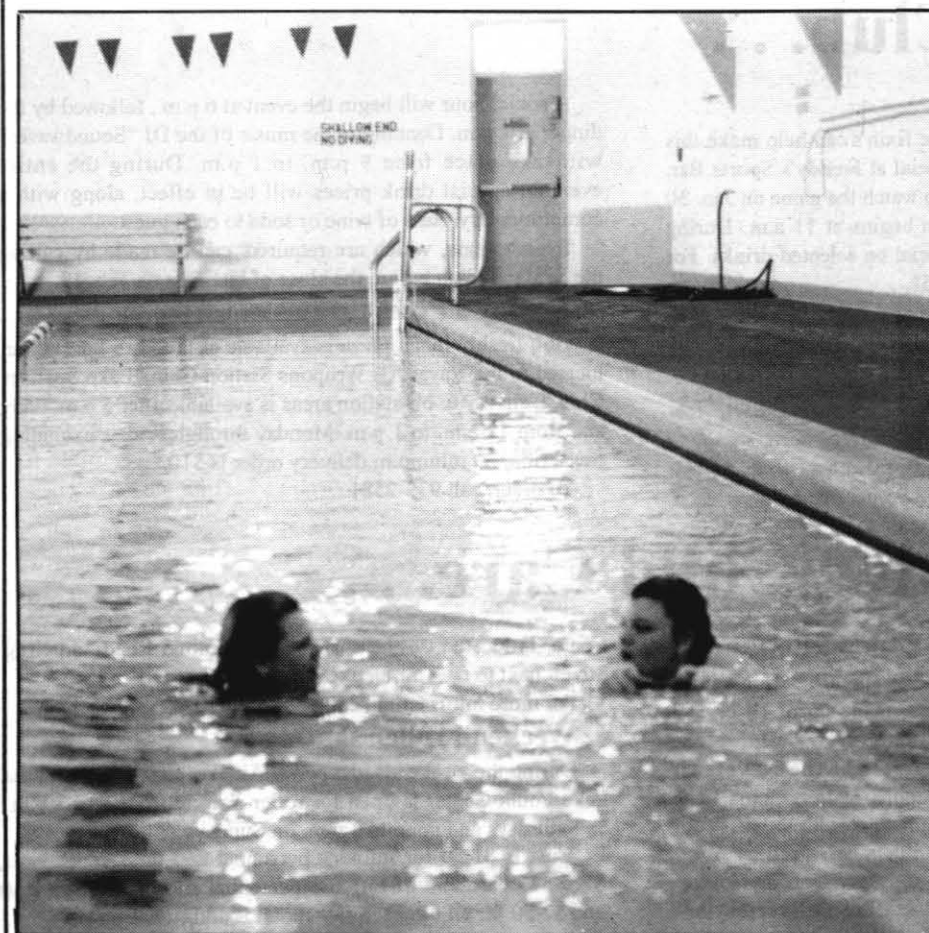


Photo by Margie Hammett, TID

TWO SWIMMERS take advantage of the newly re-opened NAVWS China Lake Indoor Pool.

Captain C.A. Stevenson, NAWS commanding officer, will be the guest speaker at the grand re-opening of the China Lake Indoor Pool. The celebration is slated on the NAWS Gymnasium east lawn at 10:15 a.m. on Tuesday, Feb. 1. Refreshments will be served, and the public is invited to attend.

The indoor pool has been closed since March 1993 due to damage from the rains and interior paint deterioration earlier in the year. The gymnasium itself began limited usage in August to complete a second series of rehabs to the building.

Since its closure, repairs have been made to the gym's roof and eaves over the locker room addition, pool area and extended mezzanine. Repairs were also completed on the pool seams and the racquetball courts were refinished.

The work remaining includes repair of the basketball area's walls, refinishing the gym floor and installing new lights. These repairs should be completed in two to four weeks.

According to Ron Gilchrist, Public Works Department, the repairs have been completed ahead of schedule.

Send flower grams on Valentine's Day

Valentine Flower Grams are available at the Craftech Center for \$2 each. The price includes one long-stem red carnation with bow, a special card and delivery on the main side of the Naval Air Weapons Station China Lake.

Flower gram orders will be taken through Feb. 10 and will be delivered on Valentine's Day, Monday, Feb. 14. To order, stop by the Craftech Center, located on the corner of Richmond Road and King Street, or clip the following and mail it to Craftech (Code C866), One Administration Circle, NAWS China Lake, CA 93555-6001. Please be sure to include \$2 (in check or money order, made payable to MWR) for each flower gram ordered. For more information, call 939-3252.

Valentine Flower Gram

From: _____

Phone: _____

To: _____

Code: _____

Message: _____



Morale, Welfare & Recreation
NAWS-China Lake, CA

'The Insider' makes its debut

Welcome to the first edition of "The Insider," which replaces the Morale, Welfare and Recreation Departments "Roadrunner."

"The Insider" will run the last issue of each month, carrying up-to-date

information about the MWR Department and its scheduled events.

Patrons are encouraged to tear this sheet from *The Rocketeer* and keep it handy for events, activities and phone numbers.



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Video Listings

KNID & TVIS

KNID

•Monday-Friday, Jan. 31-Feb. 4
5:30 p.m.: Navy News
5:55 p.m.: People in Science: Invest-ments in the Future
6:10 p.m.: A Magnificent Creature
Worth Saving: Desert Bighorn Sheep
6:33 p.m.: Love in Action
6:59 p.m.: Mining: Discoveries For
7:10 p.m.: R. Nanes Concert
•Monday-Friday, Feb. 7-Feb. 11
5:30 p.m.: Navy News
5:55 p.m.: Diamond: A Chemical Gem
6:05 p.m.: Train Like You Fight
6:12 p.m.: America Cooks

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 workdays from 7 a.m. to 5 p.m. on Channel 1.

•Tuesday, Feb. 1
8:30 a.m.: IEEE: Fuzzy Logic/ Applications and Perspectives
11:30 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: MS Word 5.0
Part 1 of 3

3:00 p.m.: "Safety Programs" 1. Laser Safety Comes to Light, 2. Just That One Time

•Thursday, Feb. 3
8:30 a.m.: Systems Thinking: Transforming the Practice of Management
10:30 a.m.: Empowerment: Even Eagles Need a Push

11:00 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: MS Word 5.0, Part 2 of 3

3:00 p.m.: "Safety Programs" 1. Laser Safety Comes to Light, 2. Just That One Time

•Tuesday, Feb. 8
8:30 a.m.: The Secret City: Achievements and History of China Lake
11:30 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: MS Word 5.0, Part 3 of 3

3:00 p.m.: "Safety Programs" 1. Laser Safety Comes to Light, 2. Just That One Time

•Thursday, Feb. 10
8:30 a.m.: Tom Peters: Recession as Opportunity

9:30 a.m.: Self-Discipline and Emotional Control, Part 1

11:30 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: Filemaker Pro, Part 1 of 3

3:00 p.m.: "Safety Programs" 1. Laser Safety Comes to Light, 2. Just That One Time

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VESA 66MHz 486 \$1,975

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Chapel Call

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

We need each other



A prominent Jewish Rabbi was asked which books of the Old Testament are the most important to the Jewish Community. Surprisingly, he began to talk about the Book of Leviticus. The Book of Leviticus is largely a book of laws, spelling out in practical terms how to remain in Covenant with God; how to remain in union with God; how to be faithful to God; how to love God.

The careful reader of Leviticus soon realizes that many of the laws have to do with mercy and compassion—toward the lonely and stranger, the widow, the orphan, the poor, the slave. And buried in the midst of the long litany of laws is the commandment we are all familiar with: "You shall love your neighbor as yourself." What Leviticus is saying is that one of the ways of remaining in union with God is to love other people; that God wants His people to demonstrate their fidelity to Him through their love for neighbor.

Centuries later, on the last night of Jesus' life, questions are being hurled at Him in the closing hours. Some of them are attempts to trap Jesus to give an answer that will condemn Him. The very last question that comes is, "What is the greatest of the commandments?" Of all those hundreds of practical laws laid down in Leviticus, which is the most important? "You shall love your neighbor." Again and again in His ministry, Jesus demonstrated ways of tying these two great Commandments together.

During my counseling sessions at the office and run-

ning through the spaces at the airfield, I have heard the following expression from some of our people, "Nobody cares. Chaplain, you don't understand - nobody cares what happens to me." Of course we can understand this expression in different ways; but the truth is that sometimes we do believe that "nobody cares." It's not that we fall in the claws of this despair, but how we deal with it! Nobody cares means to me that we are totally missing the fact of God's grace in our lives.

In a little town in Central Europe, "Jacob the tailor" felt that he had been mistreated in his community, and so he withdrew from the community and isolated himself from his friends and neighbors. Weeks went by until, finally, the Rabbi called on him. After a polite greeting, there was a heavy silence. Then the Rabbi said, "Let's sit in front of the fire." Still no word was spoken. So the two men sat in complete silence. An hour or so later the Rabbi picked up the fireplace tongs, pulled out a coal and placed it on the hearth, away from the fire. Still no word was spoken. The two men just sat and watched the glowing, burning piece of coal become darker and darker until finally it was black and cold and dusty with ashes. A few moments later Jacob the tailor spoke. "I understand," he said. "I'll come back to the community." Not a word had been spoken, but the point had been made: We withdraw from the community, we isolate ourselves from our neighbor and we die. We isolate ourselves at our workshop, housing or even from our family; bringing despair, confusion and sorrow. We need each other!

TEAM Talk Midwest ASNE symposium focuses on Naval Aviation

Indianapolis—The Naval Air Warfare Center Aircraft Division Indianapolis will co-sponsor a technical symposium conducted by the Midwest Section of the American Society of Naval Engineers (ASNE), June 28-30, at the downtown Hyatt Regency Hotel. With its theme "The Future Needs of Naval Aviation...the Products, the Processes, the Technology" the symposium focuses on reengineering naval aviation to meet the challenges ahead. Featured speaker for the symposium kickoff will be VAdm. William C. Bowes, commander, Naval Air Systems Command.

The Honorable Nora Slatkin, assistant secretary of the Navy (research, development and acquisition), has been invited to be the keynote speaker, and Stu Dodge, Bell-Boeing vice president and director of the Joint Program Office for the V-22, will address a luncheon engagement during the symposium. Also included will be a discussion on "Forging Partnerships for the 21st Century" by a panel of representatives from government, industry and academia.

ASNE has issued a call for papers to be presented at the symposium. Abstracts must be submitted by Feb. 14, with final papers required by May 16. Interested applicants should contact Dwight Gilbert at (317) 353-7802, FAX (317) 351-4855. For more information about the symposium, contact the event's chairman, Dave Cross, at (317) 353-7915, FAX (317) 351-4417.

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Copy Right Applications	Labor Board Appeals	Stepparent Adoptions
Credit Counseling	Legal Separations	Tenant Rights
Debt Collection	Name Changes	U.S. Citizenship
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Schwartz, Blomfield get belated recognition for TTCP awards

By Barry McDonald
Editor

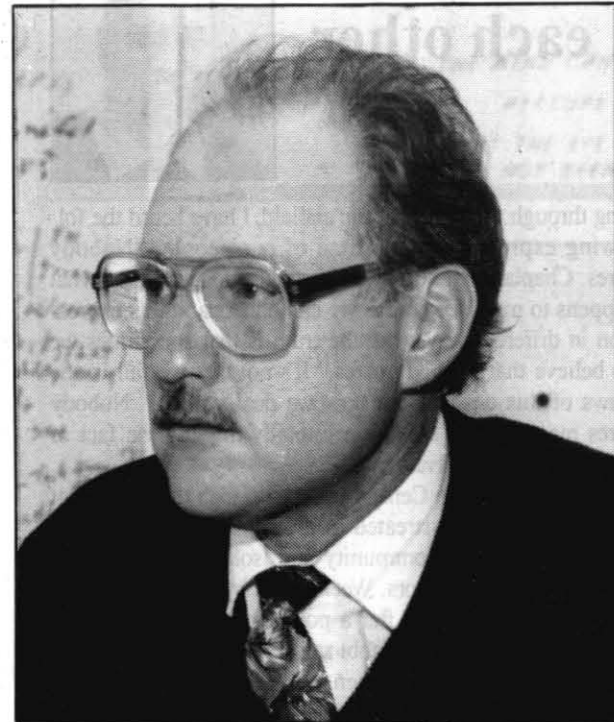
(Editor's Note: After falling through a series of cracks, this story, of how a couple of China Lakers were awarded prestigious international technical awards, is finally being told.)

Last May Dr. Bob Schwartz, of the Technology Advancement Group, and Dr. Fred Blomfield, of the Research Department's Propulsion Research Branch, received The Technical Cooperation Program (TTCP) Achievement Award for 1992 for their work on separate TTCP efforts.

TTCP is a cooperative research, development, test and evaluation program that brings scientists and engineers from various English-speaking countries together for collaborative studies to improve technology or to attempt to solve technical problems. By pooling their efforts and sharing their results, participating countries acquire much more data than they could individually.

TTCP is divided into technology subgroups and each subgroup then is further divided into numerous work projects. Schwartz's involvement was with the materials subgroup, while Blomfield worked in the conventional weapons subgroup. Schwartz explained that the basis for the awards is the final written report detailing a given project's efforts, progress and collaboration as opposed to the submittal of "nominees" for the award. In 1992, out of some 150 projects only nine were selected for the award.

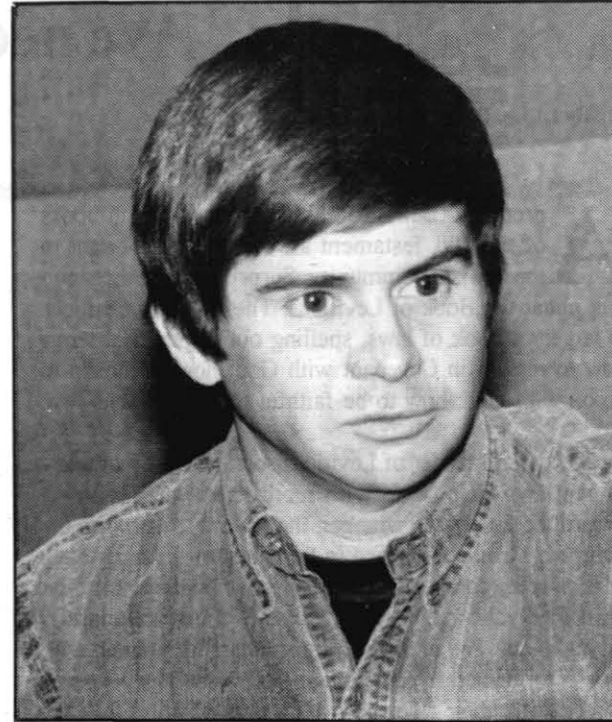
The project in which Schwartz participated was an effort to improve understanding of the rain erosion phenomena that is experienced by ceramic missile seeker domes in flight. The seven-year project involved scien-



Dr. Bob Schwartz

tists from the United Kingdom, Australia, New Zealand and Canada, besides those from the U.S.

The effort involved testing six different materials, developed in various processes, to come up with the best material, in terms of erosion resistance, for use in future missile seeker domes. The U.S. and Britain supplied material samples; Australia provided a pilot and a Mirage aircraft equipped with camera pods; and super-sonic flight tests were conducted in New Zealand, where there was an ample supply of rain. The U.S. also provid-



Dr. Fred Blomfield

ed all post flight analysis. Besides flight testing, researchers conducted lab tests using a whirling arm test setup at Wright-Patterson Air Force Base and Farnborough RAF station.

Schwartz, who was then the head of the Weapons Materials Technical office, became involved in the project while he was managing a materials research program for the Office of Naval Research. A part of that program involved providing materials for the TTCP effort.

Please see next page

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SPORTS

Baseball registration scheduled

Signups and evaluations for the IWV Youth Baseball League will take place Feb. 5 and 12 at the Kerr-McGee Baseball Complex in the 100 block of South Downs in Ridgecrest. The league is open to youth five to 17 years of age as of July 31.

If there is inclement weather on either day, signups will still be done, but the evaluations will be moved to Feb. 19. Players who have already registered must still be evaluated. Players should bring their gloves to the evaluations.

The schedule for signups and evalua-

tions are 9 a.m. to 12 p.m. for Bronco (11 to 12 years old), Pony (13 to 14 years old) and Colt (15 to 17 years old). Shetland (five to six years old), Pinto (seven to eight years old) and Mustang (nine to 10 years old) players will be evaluated from 1 to 4 p.m.

Registration cost is \$35 for Shetland, \$50 for Pinto and \$60 for Mustang, Bronco, Pony and Colt players. A \$10 late registration fee will be imposed after the last official signup/evaluation day.

If additional information is needed, call Rick Booth at 375-3309.

Softball organization needs volunteers

Men and women who have a little extra time in the evenings, and who would like to earn some extra money while performing a community service, can become umpires for the IWV Youth Softball Association. Classroom and hands on training will be provided.

Games will be played every Monday through Thursday evenings, except holidays, starting in April and ending in June.

For more information, call Peggy Shoaf at 375-7945 after 6 p.m.

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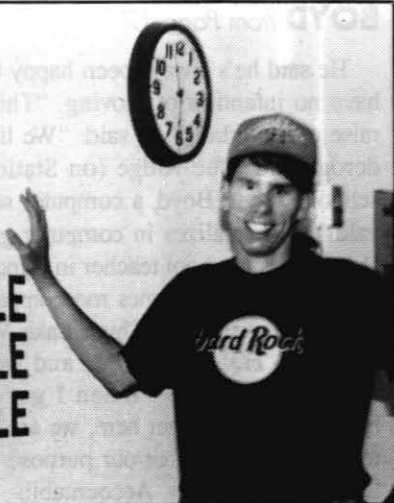


Photo by Margie Hammett, TID

WILL FREEMAN by his newly painted, corrected sign.

College student catches blunder

During the last year the indoor pool at the Naval Air Weapons Station China Lake was open, swimmers could tell how many laps they had to swim for a mile simply by reading the chart painted on the wall. Month after month, engineers, scientists and others depended on that information.

In preparation to the indoor pool's grand reopening next Tuesday (Feb. 1), Will Freeman, a Morale, Welfare and Recreation Department part-time employee, was preparing to repaint the sign. The sign noted the pool is 105 feet long by 50 feet wide. It read that one

mile was 52 lengths, while a half mile was 26 lengths and a quarter mile was 13 lengths. Something wasn't sitting right with Freeman, a junior at Cal-State Northridge.

After some simple arithmetic, Freeman discovered the sign was incorrect. Swimmers only have to swim 50.3 lengths to clock a mile, 25.1 lengths for a half mile and 12.6 lengths for a quarter mile.

Oops! The people who have been using the sign's information have been overswimming! No wonder they've been so tired after that mile!

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TTCP from Page 6

"This was the first time there had been a systematic study of a range of material samples," he said. "And while we were unable to determine any quantitative results from these comparison tests, the results were consistent enough to establish a qualitative order of performance for the different materials."

He explained that efforts to improve performance will continue and that actual application of these materials will be driven by their optical characteristics and cost.

Besides Schwartz two other U.S. representatives who shared in the TTCP Award were Dr. Robert Pohanka, of ONR, and Gordon Griffith, who recently retired from Wright-Patterson.

Blomshield participated in a nine-year TTCP project that studied pulsed non-linear combustion instability in rocket motors. Jim Crump and H.B. Mathes, both now retired from China Lake, and Jay Levine, of Edwards Air Force Base, shared in the TTCP Award with Blomshield as U.S. participants. Other countries involved included Canada, Great Britain and Australia.

Rocket motor stability during firing is critical to completion of a weapon's intended mission. The motor must burn at the consistent designed rate. Acoustic fluctuations in burn rate can degrade overall motor performance and can cause violent thrust oscillations, which in turn may damage the weapon's guidance or other components, resulting in flight failure. In the worst case, such combustion instability can cause the motor to actually explode.

The objectives of the project were: (1) to extend significantly the database on nonlinear axial mode instability, particularly in relation to motor design factors, and thus increase understanding of this complex phenomenon; (2) to provide reliable and properly documented data to test theoretical models that could then be used with more confidence; and (3) to evaluate and extend testing methodologies for the pulse testing of rocket motors. The project consisted of laboratory testing of propellants, sub-scale motor screening tests and a large number of full-size motor firings with predictions of motor stability characteristics using modeling codes.

The China Lake portion of the study included the evaluation of eight different propellants, 23 full-scale tactical motor firings at the Skytop facility and extensive theoretical calculations. Canada fired 45 motors, and Great Britain fired 18. In each firing the motors were intentionally pulsed up to three times to determine the stability limits as functions of motor geometry, propellant, pressure, frequency and time in burn.

Motor performance matrices were developed from the combined data, and nearly 15 papers were written over the course of the study. The final technical publication established guidelines for future rocket motor designers and has been widely distributed. Intended to prevent problems before they occur, the guidelines help designers select propellants, designs and techniques that will minimize instability for their specific applications.



THIRTY-ONE YEARS of "outstanding service as a leader, manager and senior administrator at China Lake" were recognized last year when RADM. William E. Newman surprised Nils D. Wagenhals with a NAWCWPNS Commander's Award. "With the various positions held throughout your career," the citation reads, "you have distinguished yourself by consistently displaying your managerial and administrative talents in a highly professional manner. . . . Recently notable, while serving as special assistant and assistant department head of the Information Systems Department, you were highly successful in spearheading the consolidation of the Information Systems departments from China Lake and Point Mugu into a single, well-functioning operation." Wagenhals retired from federal service Oct. 1.

Sea Cadet Program seeks volunteers

Adult female volunteers, military or civilian, are needed in the NAWS Sea Cadet Program. By joining the program, you can help shape the future of our youth military. The Sea Cadets meet one weekend a month. For more information, call Dale Metz at 375-2779.

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Talents of 13 China Lakers recognized

Thirteen people were honored at the China Lake site meeting of the Naval Air Warfare Center Weapons Division Jan. 10 when Capt. Roger K. Hull, NAWCWPNS vice commander, presented some very high-level awards. The awards ranged from a Navy Achievement Medal to a Navy Superior Civilian Service Award, the second highest honorary award for Navy civilians.

The only military recipient, **LCdr. Joseph A. Gattuso**, was recognized for professional achievement in the superior performance of his duties while serving as assistant maintenance officer in Strike Fighter Squadron 106 from August 1, 1991 to June 1, 1992. His citation accompanying the Navy Achievement Medal reads in part, "LCdr. Gattuso's unsurpassed dedication and steadfast commitment to excellence has had far reaching effects on the 650 USN/USMC men and women assigned to the East Coast F/A-18 Fleet Replacement Squadron. . . His dedication to the highest standards of excellence and unrelenting focus on mission accomplishment have imbued the men and women of the Maintenance Department with a pride in ownership seldom seen in today's Navy."

Patrick A. Yates received the Navy Superior Civilian Service Award for his efforts as the science advisor to Commander, United States Naval Forces Central Command and Commander, Middle East Force from August 1988 to June 1991. This award must be approved by the Chief of Naval Operations. His citation reads in part, "During this period, Mr. Yates distinguished himself through his effective use of Navy laboratory resources in support of the Commander. . . His dynamic use of the Navy Science Assistance Program resulted in the successful completion of many projects, which technically and materially enhanced the readiness and operation of the fleet."

Navy Meritorious Civilian Service Awards

Capt. Hull then presented six Navy Meritorious Civilian Service Awards, the third highest honorary award for Navy civilians and the highest award that can be authorized by an activity commander.

Dillard G. Bullard was recognized for his outstanding career achievements in the research, development, test and evaluation of Navy weapons and for the leadership and management excellence which he has provided to NAWCWPNS. His citation reads in part, "You have championed a number of new initiatives in the application of TQM/TQL principles, and you were instrumental in planning for the stand-up of the Naval Air Warfare Center Weapons Division and the implementation of the Services and Information Directorate."

Jay F. Crawford was recognized for his role in estab-

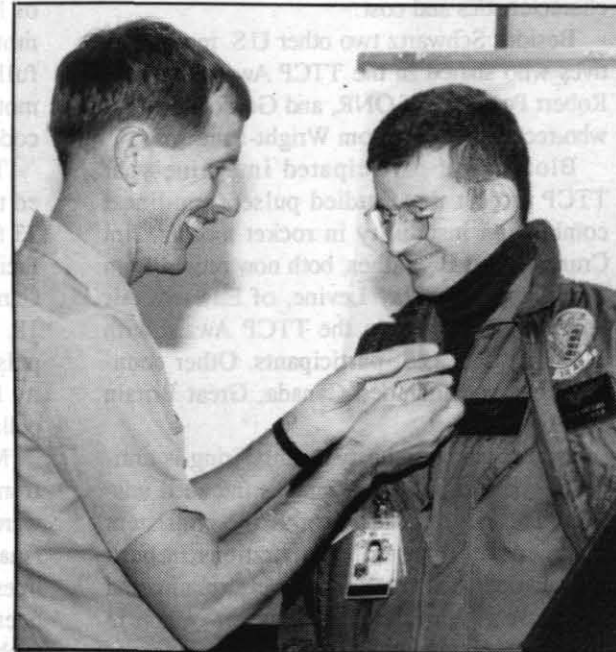
lishing the NAWCWPNS Embedded Computing Institute. "The ECI is based on the Technology Transfer Act of 1986, which enables federal agencies to establish teaming arrangements with industry and academe. Your vision in utilizing this law significantly enhances our ability to enter into cooperative development activities. This will greatly enhance the development of embedded technology and its transfer into new weapons for the Navy and potential new products in the commercial area," reads part of his citation.

His many accomplishments and outstanding ability as a manager while head of the Ordnance Systems Department also earned recognition for **Dan A. Goss**. "Your abilities are clearly demonstrated by your contributions in advancing the Weapons Division's leadership role in energetic materials, conventional weapons, warheads, propulsion systems, ordnance systems and the development of electronic arming devices," his citation reads. Goss was also credited with playing a vital role in the consolidation of NAWCWPNS.

Noel D. Gravelle was honored for his outstanding technical and managerial leadership, which has contributed to placing proximity fuzing at the forefront of weapons technology. His citation reads, "Under your guidance, the Standard Missile Office became a leader in expanding competition by developing second sources in traditionally sole source areas, thus exemplifying the Center's developing concept of teamwork with industry. Your patented technical inventions and fuzing upgrade innovations have been successfully implemented in the

fleet, providing benefit to both the Navy and the national defense."

Capt. Hull then surprised **Sterling Haaland** with an award, saying, "Gottcha!" Haaland was recognized for his outstanding technical leadership and the critical role he played in base consolidation and force structure reduction in the establishment of NAWCWPNS. "Your



CAPT HULL pins on the Navy Achievement Medal to **LCdr. Joseph Gattuso**.



EFFORTS RECOGNIZED—Pat Yates (far left) received a Navy Superior Civilian Service Award, while Sterling Haaland, Dan Goss, Noel Gravelle, Jay Crawford, Sandy Rogers and Dillard Bullard received Navy Meritorious Civilian Service awards at a recent site meeting.

Photo by Mike Johnson, TID

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BOYD from Page 17

He said he's always been happy to live in the desert and they have no intention of moving. "This was a marvelous place to raise our children," he said. "We lived on the corner of Ticonderoga and Blue Ridge (on Station) until they were in high school." David Boyd, a computer scientist, now lives in Sunnyvale and specializes in computer graphics, and daughter Carol Doremus is a school teacher in Rancho Bernardo.

Boyd said it becomes more apparent to him as time goes on that team spirit—the China Lake Way—is real. "We've always practiced TQL and TQM, and we've always been customer focused," he said. "When I got here, when we all get here, we are told and we learn that our purpose is to serve the fleet. Accountability. I think the people here from the top down have always felt the importance of accountability on a broad basis. Accountability to the fleet, the public and, as managers, to our subordinates has contributed to our great success."

He reflected on his early years, the years when China Lake was developing. "Nearly half of my career was during the time when Bill McLean was technical director," he said with a tinge of reverence in his voice. "He was a man of tremendous inventiveness and creativity, and he encouraged that. He was also a risk taker."

Those factors of inventiveness, creativity and risk taking were key ingredients to the China Lake Way. That "Way," in some circles, saw China Lakers pegged as mavericks and renegades, and Boyd noted, there were many who delighted in nurturing and cultivating that image.

He added that, at times, pushing that image went too far. "When I was arguing my case for getting involved with avionics to an assistant secretary of the Navy, I pointed out seven impediments to my plan," he said. "One of them was arrogance—which is when having a good feeling about yourself goes over the line.

We did that sometimes and it hurt us. In some ways being 3,000 miles away from Washington was one of our greatest strengths, and in others, it was one of our largest handicaps."

Continuing on this line, he said that distance has been shortened by today's high-speed communications, but that that isn't necessarily a good thing. "Now they demand responses to their inquiries in three hours, where in the past we knew it would take three days to get there in the mail," he said. "What it has done is to take away our 'think' time. A large part of putting together a point paper is the time you spend thinking about what you're going to write. When you have to respond in such a short time, you react and start writing without having that think time, and you might not give your best response."

Regarding the changes taking place in DoD and the Navy, he's not altogether pleased with those either, but he says what China Lakers must do to survive the changes is to continue doing what they've always done. "Keep doing the best job we can, and be as responsive to our customers as we can, and it won't go unrewarded," he said.

Accepting the cultural differences and adjusting to them, changing goals and values, he said, has been the hardest thing to do in consolidating into NAWCWPNS. "Now, we're going into the competency aligned organization," he said. "Those cultural differences are going to be even greater, and frankly, I don't see how it's going to work. I know our people have voiced our concerns over the new structure, and now we've decided to get behind the new plan and make it work. That's all we can do, and if China Lakers will apply that same team spirit that has defined the China Lake Way, we'll come out on top."

"The one thing I'm most grateful for, is that I no longer have to worry about it. I don't have to change my values, and I'm happy about that."

'In some ways being 3,000 miles away from Washington was one of our greatest strengths, and in others, it was one of our largest handicaps.'

—Dick Boyd

DAY PASSES, from Page 2

"Temporary passes" are interim registration issued for new vehicles while awaiting the necessary state registration documentation, driver's license and so forth. These passes are issued by the Visitors' Center and permit access to restricted areas. Temporary passes are controlled to the same extent as decals, entered into a data base and checked against the list of individuals barred from base access. Because of the data entry and tracking requirements, these passes cannot be issued by the gate guards.

I am not sure why you weren't issued a "day pass" by the gate guard; perhaps there was some miscommunication. Guard procedures permit the gate guard to issue day passes for motorcyclists who have appropriate safety attire and have attended the motorcycle safety course. If you had your registration documents and your safety card in your possession, you should have been issued a day pass and permitted to enter. Procedures for issuing day and temporary passes have not changed in several years. The contracting officers technical representative for the guard contract was contacted and asked to remind gate guards of day pass procedures for motorcyclists.

While your efforts to obtain vehicle registration during non-duty hours are commendable, all base services, except emergency services and most recreational services, are closed on flex Fridays. It would not be economically feasible to open the Visitors' Center on flex Fridays to facilitate the few people who might choose to conduct official business on their day off.

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Boyd reflects on 42-year career

By Barry McDonald
Editor

He's been retired now for about three weeks, so he's getting up at 5 a.m. instead of 4 and taking a little longer with coffee and breakfast before starting his exercise routine. And though he doesn't have an office to take up at least nine hours of his day, Dick Boyd, 13-year head of the Range Department, says he somehow still doesn't have enough time to accomplish what he wants.

Though his wife, Bernice, and he are awaiting delivery of a new motorhome, other than doing some traveling and getting back into tennis and skiing, he said, "I have no immediate plans." He added that while he's discussed the possibility of part-time work, he doesn't intend to work full time, "unless it's something terribly interesting."

A native of Pasadena, Calif., Boyd came to the then Naval Ordnance Test Station in 1951 after receiving his A.A. in electrical technology from San Bernardino Valley College. "My starting pay was \$2,875 a year," he said. "I bought a car, got a place to live and started skiing and everything was great."

Getting into the China Lake Ski Club proved to make things even greater, since that's where he met Bernice—they were married in 1956. She retired three years ago after being an elementary school teacher and reading specialist for the China Lake and Sierra Sands school districts.

He worked for six years as an electronics technician in a variety of capacities, and earned a B.S. in electrical engineering by passing a Civil Service Commission

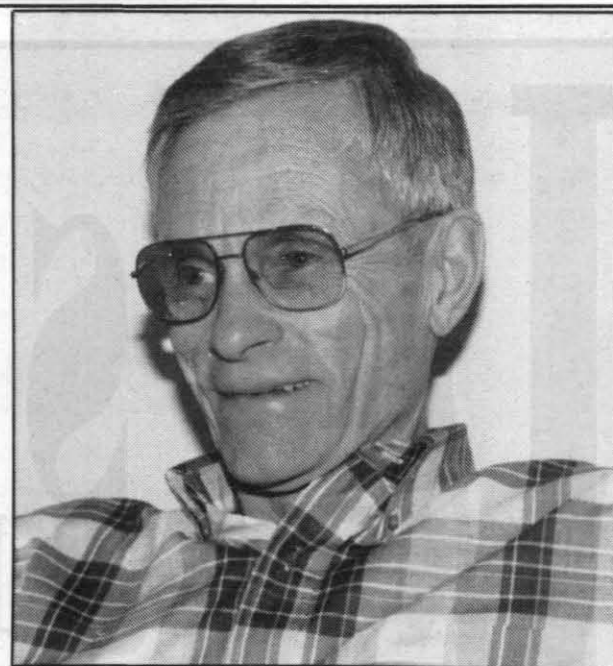
equivalency exam in 1957.

That year he moved to the Advanced Design Branch and began designing and developing missile sub-systems and components. This led shortly to his eight-year involvement with Sidewinder, taking the Advanced Design Branch head position from 1960 to 1962, and then becoming the Sidewinder systems project engineer.

He served next in consecutive roles as associate division head of the Astrometrics and Undersea Systems divisions, before becoming head of the Guidance and Control Systems Division in 1967. Three years later the division name changed to "Avionics." Under Boyd's leadership the division developed the first ring laser navigator and missile navigation system; developed the Angular Rate Bombing System Program; was responsible for A-7E technical assistance and software support; and designed the Agile missile's avionics and aircraft integration. These efforts led to China Lake's successful bid to get into the aircraft weapons system support activity business, a field in which it now excels.

From 1975 to 1981, Boyd served as associate department head of first the Systems Development Department and then the Electronic Warfare Department. He then took the reins of the Range Department, a department that met the T&E requirements of all of China Lake, employed, at times, more than 500 civilian, contractor and military personnel and had an annual budget of roughly \$50 million.

He also holds a master's degree in public administration, which he received from California State College, Bakersfield, in 1980. Through his 42-plus years at China Lake he has received many superior and outstanding performance awards, and he received the L.T.E. Thomp-



Dick Boyd

son Award in 1988 for his wide diversity of accomplishments up to that time. He also sat on numerous boards and committees.

Of his time at China Lake, Boyd said, "It's been a magnificent place to spend my career and most of my life. The opportunities to get involved and make a contribution that I had here, did not exist anywhere else in the United States."

"I've been involved in nuclear fuzing, metal plating and forming...I got to work on Sidewinder...I've flown in the backseat of a high performance military aircraft...I've helped develop mini-submarines, and the Navy even sent me to SCUBA school!" he said. "Where else could you get that?"

Please see next page

refreshing approach of resolving contention by creating positive solutions for all parties played a major role in the progress we achieved," his citation reads.

Alexander K. "Sandy" Rogers was also recognized for his technical leadership and his dedication to excellence throughout his career at China Lake. "Your mature and thoroughly professional administrative and managerial skills have favorably represented the Naval Air Warfare Center Weapons Division to its major sponsors and fleet users," the citation reads.

Commander's Awards

Capt. Hull then presented five NAWCWPNS Commander's Award.

Milton K. Burford was recognized for his outstanding effort in restoring and expanding the Exhibit and Conference Center at China Lake. "Over China Lake's half century of history, many have expressed the need for such a facility, but your personal commitment and dedication to the project have made it a reality," reads the citation accompanying the award.

Leroy L. Doig III and Mark D. Pahuta were recognized for their efforts in producing the three-hour videotape, "Secret City." Doig was praised for his "outstanding effort in researching, writing, narrating and coordinating the reviews" of the historical document, while Pahuta was honored for his "superb work in creating, researching, writing, editing and producing" the tape. This video production, which was shown to the public in connection with China Lake's 50th Anniversary celebration presents the people and projects of China

Lake's first 50 years in a "balanced, accurate, yet entertaining way that instills a sense of pride both in those who have helped to make our history and in those who are working here today."

Jerry M. Lloyd received his award for his outstanding efforts in organizing the Command display and conference areas at the China Lake Exhibit and Conference Center. "Your enthusiasm and dedication have resulted in the successful coordination of the myriad of tasks required to locate, transport, clean and identify historical missiles, rockets and weapons systems, and to build the exhibits to display them," the citation accompanying the award reads.

Cathy A. Partusch was recognized for her highly dedicated leadership that fosters teamwork, professionalism and continuous improvement in the Public Affairs processes. "You have brought to this job a vision that enables you and your employees to risk change and make much needed improvements and are in keeping with the Navy's highest level of performance," her citation reads. "You have streamlined your organization in such a way that the employees have learned the meaning and responsibility of empowerment, and continuous improvement has become the standard way of doing business."

Hull explained that presentation of many of these awards had been delayed. He added that the delay in no way reflected on the importance of the awards, but rather represented some system problems which are being addressed.



COMMANDER'S AWARDS—Milton Burford, Jerry Lloyd, Leroy Doig, Cathy Partusch and Mark Pahuta were recognized with NAWCWPNS Commander's Awards.

C28 names Cherie Seavey, Sirell Lane Secretaries of the Quarter

Late last year, Sirell Lane and Cherie Seavey were the surprised recipients of the Attack Weapons Department's Secretary of the Quarter Award for the third quarter. Paul Homer, the department head, presented the awards at a special ceremony in October.

Lane and Seavey both provide secretarial support for the Joint Standoff Weapon Project Office, which has approximately 35 employees.

"Sirell and Cherie are outstanding, efficient and competent," said their supervisor, Lloyd Smith. "They are timely, have a great attitude and a good knowledge of their positions. They have demonstrated exceptional performance in handling a project office, especially for a diverse group of people and the volume of activities handled here."

Seavey noted that the office comprises personnel not only from Code C28, but also people from other codes who support the JSOW project. The "tremendous workload" is shared equally by the two secretaries.

"The 'team' of Sirell and Cherie has demonstrated cooperation that is unsurpassed in my tenure as a supervisor," Smith said. "They have proven their initiative and continue to develop at an accelerated rate."

Educational loan program available

Washington (NNS) — The All Ahead Program for the Navy and Marine Corps is a private, credit-based education loan program accessible to Department of the Navy civilian, active duty, reserve, retired and former members of the Navy and Marine Corps who need assistance paying for college, graduate school or private high school. All Ahead may be

used to supplement other forms of financial aid, or used alone to finance the entire cost of attending an approved school of your choice.

For information about eligibility, application forms, disbursements or borrower obligations and responsibilities, call 1-800-767-5626.



Photo by Margie Hammett, TID

SURPRISE!—Cherie Seavey and Sirell Lane accept the flowers given to them by their boss upon being named Secretaries of the Quarter.

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EARTHQUAKE from Page 1

ceiling on the floor, guests had to contend with getting dressed and getting whatever else they needed in the dark, as the power was out. Many left their rooms without shoes, wallets and other necessities.

King, who got out of the hotel quickly, picked up a flashlight from his vehicle and went back inside to help other guests who were having trouble. "There was this couple who needed some help," King said. "He was in a wheelchair and she was trying to get dressed. I held the flashlight so she could get what she wanted and then helped them get out of there."

After each member of the group had been accounted for, they discussed what they were going to do. Since people were being asked to stay put until authorities could get things squared away, Watson, King, Lee and Zideck, members of the Weapons Engi-



Photo by Margie Hammett, TID

SAFE AT HOME earthquake survivors Al Zidek, Mike Johnson, Don King, Victor Lee, Leon Watson and Diane Wilson reflect on their experience.

neering & Logistics Department's Manufacturing Science Division at China Lake, and Comarco's Wilson, decided to spend the night. Dennison and Valles, both from the Point Mugu Manufacturing Science Division, and Johnson, a Technical Information Department photographer from China Lake, decided they needed to get home to their families.

The majority of those who stayed didn't want to go back into the hotel, so they decided to spend the night in the hotel's back parking lot. They took lounges from the pool area and used linen from the hotel to keep warm. In the evening, they barbecued meat from the hotel's defrosting freezer. "It was a real party!" King said.

"There was this one lady who was in her late 60s or early 70s, who had never slept outside before," King said. "Because she was so nervous we invited her to join our group. She asked about the constellations and seemed to enjoy her night out of doors. The next morning she said, 'My husband will never believe I stayed outside with four guys last night.'"

To emphasize the unstableness of the area, Watson said he was chased out of his room twice by aftershocks on Tuesday morning while he was gathering his personal belongings before coming home.

Getting home to Ridgecrest was interesting, King said. There were lots of detours, but they got out without much trouble. "It was seeing the destruction throughout the L.A. area that was bad," King said. "It was unreal. You see devastation like this on television all the time and think, 'Yeah, but they're exaggerating some to make a good story.' I can tell you now, they're not exaggerating!"

Local agencies seek help for relief effort

Victims of the Northridge earthquake need help. China Lake and Ridgecrest residents who want to assist with earthquake aid in Southern California can do so through the following agencies:

Salvation Army... Bring donated items to the NAWS Chapel East Wing by 8 p.m. Wednesday night. The Salvation Army will pick up the donated items Thursday morning. Needs include blankets, flashlights with batteries, stuffed animals, sleeping bags, bottled water, disposable diapers, camping equipment, lightweight clothing, sheets, towels, non-perishable food, baby items and plastic rain gear.

American Red Cross... Bring checks to 908 Dobb Road, onboard the Naval Air Weapons Station China Lake or call 939-3208 to have your donation picked up. The mailing address is American Red Cross, 908 Dobb Road, Ridgecrest, CA 93555. Be sure to mark Southern California Earthquake Aid on the checks.

United Way of IWV... Send checks to P.O. Box 850, Ridgecrest, CA 93556. Make checks payable to United Way and specify "Earthquake Relief." Call 446-6525 for more information.

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RF RULES from Page 1

"The spectrum usage here, at China Lake, is intense," he explained. "You have to realize we do many airborne and ground tests for a variety of electronic systems and are also involved in tactical maneuvers, which utilize state of the art UHF/VHF communications systems. In addition, we need to look out for the ordnance factor and what these frequencies can do to our ordnance in terms of premature ignition of propellants, arming devices and so forth."

To ensure public safety, plus to give the customer as much data as possible for their money, rules and regulations must be followed, Baker said. These rules and regulations basically tell the users exactly what needs to be done to get frequency usage approved for their transmitting device.

The first thing a user needs to do is to submit a DD Form 1494, which is an application for an equipment frequency allocation, which is needed for any piece of equipment that transmits RF signals. This can include a radar system, a telemetry transmitter, a UHF/VHF radio and even an x-ray machine. "These things have to be approved formally by the CNO office," Baker said, "because all aspects of the equipment has to be analyzed as far as antenna characteristics, transmitter power, type of emissions and so forth. The CNO office has to see if everything is compatible and meets with the overall Navy standards."

After the CNO has reviewed the application and it has been approved by the Military Communications Board, then it comes back down the line to Baker's office. Upon receiving the approval, Baker said his office then applies for a frequency assignment, which is the process of designating an allocated frequency.

After the frequency assignment has been given,

Baker said his office is then responsible to make sure that assignment is compatible with the spectrum in this region. That involves coordinating with a number of representatives, including reps from the FAA, FCC, Navy or any governing agency that might have cogency over that band or has an interest in it.

If everything checks out, Baker is then given a formal



TAKING A BREAK from their work of monitoring the frequencies being used at China Lake are Charles Hockerb, a senior technician of the Research Development Laboratory and Scott Ditchfield, the frequency monitoring/interference coordinator of the Frequency Management Office.

frequency assignment, which, in turn, he passes on with any further restrictions he determines are necessary. "This process can take anywhere from three months to a year or more, depending on the complexity of the original request," Baker said.

"My major concern is to make sure our programs aren't interfered with and to make sure we don't interfere with another user outside of China Lake, such as Point Mugu, Edwards Air Force Base, the private sector and so forth," Baker said. "If interference does occur, let's say when we are working with electronic countermeasure systems, a communication center could be knocked out, or worse. Interference can be a very serious deal."

To monitor the frequency usage at China Lake, there are two monitoring stations—a fixed site and a mobile one. Personnel at the fixed site monitors the spectrum on a daily basis for all frequency bands, or if there may be a problem area, on a particular band. The mobile site is used during testing, monitoring particular RF target(s), gathering parametric data and so forth. One or more areas can be concentrated on, depending upon the test scenario.

While program managers and engineers are aware of the rules and regulations, Baker is concerned about other spectrum users, such as people with CBs in their cars, or those who use cellular phones or even pagers. "If it radiates an RF signal, people need to know what they should do if using it onboard China Lake," Baker said. "Even model airplanes can emit a signal. If you have an emitter radiating device, ask questions. Questions can be directed to me at 939-6827, Scott Ditchfield, 939-6829, or personnel at the Frequency Monitoring Station, 939-6364."

Life Safety Code violations found

By Inspector Jim Ayers
Fire Division

Fire inspectors recently found several buildings not in compliance with the Life Safety Code. This code prohibits the placement of equipment, including lockers, vending machines or copy machines, in corridors, hallways, passageways or stairways.

The Life Safety Code was written to ensure lives are not in jeopardy when occupants exit a burning building or one that has been damaged by an earthquake. Buildings are designed with large corridors to enable the evacuation of half of the occupants within one minute. Corridors and stairways are not intended to be used as locations for lockers, candy, soda or copy machines. All corridors used for exiting shall remain clear at all times.

The simple rule of thumb is: "Wherever people travel either to go to or to leave their work stations, nothing shall be placed in their travel path as to block, impede or slow their exiting from the building."

OUTLOOK from Page 1

presence in the valley," he said. "Although our base has seen personnel reductions of about four percent per year for the past four years, for a total of 17 percent, this has been accomplished entirely through attrition. In that process, NAWCWPNS has not involuntarily separated a single person."

Despite the mandated personnel drawdown, he said, the workload at China Lake has remained relatively constant and the Station may see an increased workforce in the future. After showing a chart of personnel levels over the past 23 years he said, "If history has a message for us here, it is that over time we can expect to see our workforce on the rise again."

He illustrated the vitality of China Lake by citing the number of multi-million dollar facilities now under construction—MESA, INADS and the Aircraft Systems Integration Laboratory. He added that this spring will see the beginning of construction of a new \$4.5 million commissary and that the Station will also build photovoltaic power generation stations at three remote sites in 1994. These construction projects, which will last through 1995, have a total contract value of more than \$52 million.

The vice commander told business leaders that China Lake's procurement of goods and services in 1993 was up more than \$1 million over the previous year, with 23 local contracts—16 with small or minority-owned businesses. The bankcard program, he said, saw \$7.4 million spent with IWV businesses last year, and he encouraged more businesses to become involved with the program. He cited by name a number of local businesses that hold SPEDI contracts with China Lake and said more than \$3 million was spent in the SPEDI Program last year.

Focusing on how the community and the Navy can work together, Hull said, "The Small Business Incubator chartered in 1992 will stimulate the use of federally-funded technology developments and will encourage new business ventures in our valley. Under the guidelines agreed upon by NAWCWPNS and the City of Ridgecrest, the Navy will

provide technical advice, assistance from scientists and engineers, and access to labs and facilities."

A new program has recently been developed at China Lake in conjunction with state, federal and county agencies. Called Greater Avenues for Independence, or GAIN, Hull explained, this program enables selected people on state employment assistance to receive on-the-job training at China Lake. The project will begin this month, he said.


He said in association with the Foreign Military Sales program some 80 military and civilian employees of the Federal Republic of Germany and 120 family members will arrive in Ridgecrest in mid-June for a five-month stay.

Hull touched on future projects that may improve the economic base of the local area, including the \$750 million SELENE project and the potential construction of an environmentally safe rocket motor disposal facility at China Lake, which would support a steady workforce for up to 10 years.

While the address also touched on CRADAs, China Lake's proactive approach to environmental issues and the Navy's offer to provide "an on-ramp to the information super highway" via access to the Internet system, Hull's most encouraging remarks were about future downsizing and consolidation.

"As the Navy downsizes, essential Defense Department functions must go somewhere," he said. "There are no finer assets available to the Navy and the Department of Defense than the four combined sites of the Naval Air Warfare Center Weapons Division."

"NAWCWPNS and the China Lake site may expand because of the DoD downsizing, as other bases close and essential functions are moved here. There are models for this phenomenon at places like Edwards and Kirtland Air Force Bases, both of which have absorbed functions from other closed bases. Growth of this nature might precede a reversal of the defense-related business cycle. We anticipate that China Lake will remain high on the list to receive new responsibilities in the years to come."



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Safety Sense

Cumulative trauma: Reducing the stress of sitting while at your desk

By Dena Christison
Safety Office

Computers can perform many of the repetitious and tedious tasks that once were done by hand. But if you spend most of your working hours at a computer terminal, you may find you get fatigue or minor discomfort because of the static position that computer use forces you to assume for long durations. It may surprise you to know that sitting puts more strain on your back than standing or even lifting. Fortunately, there are many ways to prevent the fatigue that can lead to these aches and pains by simply identifying and correcting poor postures and body positions that you may be sitting in for long hours.

Proper posture is the key to maintaining your healthy back and neck. Your spine is balanced with three natural curves that must be aligned to prevent physical stress or strain. The lower curve, called the lumbar curve, bears most of the strain when you are seated. As a result, the lumbar curve needs the most support. If your chair does not provide you adequate lumbar support, try rolling up a towel or using a pre-made lumbar roll in the lower curve of your back for support. Or, try placing a folded towel or wedge-shaped cushion on the seat of your chair to tip your pelvis forward. This position reduces the strain on your lower back.

Be aware of your posture at all times and guard against slumping shoulders or a slouching spine. To check yourself, draw an imaginary line from your ear, past your shoulder, to your hip. A straight line is the goal to help

keep your back in balance. Keep your feet flat on the floor or use a footrest for support. Your knees should be slightly lower than your hips, and avoid crossing your legs for better balance.

Even the best posture is not healthy when held for long durations without rest. Remember to shift your position frequently to eliminate strain. Explore the various seat position options your chair might offer and change your position frequently throughout the day. Try taking a brief walk around the office or do some simple light stretching exercises to release the muscle tension caused by sitting.

Check the position of your chair in relation to your workstation. Slide your chair under your desk or workstation so that your don't have to lean forward into your work. Adjust your monitor so that it is placed directly in front of you during use to reduce unnecessary neck twisting. The monitor should also be placed with the top line at about eye level. This will help you maintain a neutral head position without excessive bending. Try using a document holder or copy stand to keep the documents in an upright position. Place the document holder at the same height, position, and distance as your monitor to reduce neck twisting.

Take a good look at your chair and workstation. Think about what adjustments can be made to take care of your back. Some simple changes can make a significant difference the fatigue you may experience because of sitting for long durations.

For more information or ergonomic evaluation assistance, please contact the Safety Office at 939-2315.

New monthly column 'Network Noise' debuts

With this issue, Network Noise becomes a regular monthly feature that will provide information on current network topics to users. Network users are encouraged to suggest topics of interest as well as the submission of questions. If you have a networking question or topic you would like discussed in this forum please call 939-4897.

Systemless and Diskless Workstations

Network slow? Are you experiencing a large number of disconnects or timeouts?

Systemless and diskless workstations, when connected to the network, create large amounts of traffic. Combined with certain communication-intensive applications like X-Windows this can lead to high concentrations of network traffic. This creates large numbers of collisions, decreases the effectiveness of your network and creates delays for users.

These problems can be rectified by installing another segment of ethernet, attaching these workstations and host to the new segment, and installing either a bridge or router between the two segments. The bridge or router is an intelligent device that will isolate the traffic of the workstations from the rest of your network traffic thus eliminating large numbers of network collisions and delays, but still allowing communications with the rest of the network.

So, if you are experiencing these kinds of problems and you have systemless or diskless workstations on your net, call the Network Management Center's Help Desk at 939-6661, we'll be glad to help you.

Riggs receives Meritorious Civilian Service Award for 31 years of service

By Peggy Shoaf
Staff Writer

Thirty-one years of federal service, all of which were spent at China Lake, ended Jan. 3 when Robert E. Riggs Jr., associate head of the Engineering Department, retired. Before his departure, Capt. Roger K. Hull, Naval Air Warfare Center Weapons Division vice commander, presented Riggs with a Navy Meritorious Civilian Service Award in front of his peers at a site meeting just before Christmas.



YEARS OF SERVICE were honored at a recent site meeting when Capt. Roger K. Hull presented Robert E. Riggs Jr. the Meritorious Civilian Service Medal. This award is the highest honor the commander can authorize.

"Your technical contributions are numerous, with both Sidewinder and Sparrow production management to your credit," reads the award's citation, which was signed by RADM. Dana B. McKinney, NAWCWPNS commander. "You have a special wit and charisma that brings out the best in people. You address many topics with honesty and sincerity that are often forgotten or ignored. Your positive, up-beat philosophies of life serve as an inspiration to all. . . . Your technical expertise and knowledge have been a major asset to the Weapons

Division during your outstanding career, and your management style, coupled with your effective leadership skills, have provided stability and direction to the Engineering Department."

Before presenting the award, Hull displayed some of Riggs' well-known wit by reading "The Night Before Reorg," a poem Riggs wrote about the reorganization of the Engineering Department, which changed to the Weapons Engineering & Logistics Department (WELD) on Jan. 8.

Riggs joined the China Lake and Engineering Department team in April 1962 as a "scared, but fun-loving" junior professional after receiving a mechanical engineering degree from

The Night Before Reorg By Bob Riggs

Twice the night before reorg
And all thru Engineering
Not a single employee
Was not full of fearing.

The div heads had retreated
For too many times
And visions of org charts
Danced thru all our minds.

The lab guards were snoozing
All sound in their chairs
When there came a clatter
From up on the stairs.

Away to the stairwell
Amid all of the snores
One guard moved quickly
And threw open the doors.

His first look was rapid
It was ever so brief
But, the guy on the stairs
Sure looked like Schief.

With a bag full of vugraphs
And a pointer in hand
He was ready to present
The new reorg plan.

He carefully snuck
Into One Thousand D
Left plenty of copies
For you and for me.

To let us all know
About the new look
Werren't many surprises
They went by the book.

Then pulling his hat
Down over his head
He got into his vehicle
All covered in red.

Was a spiffy convertible
Could do many tricks
Tonight it was powered
By a team numbered six.

On Rogers, on Jutzi
On Jess and Johnson
On Adams, on Powell
Up over the transom.

And we heard him exclaim
Thru the mike that he held
"Merry Christmas to all
And enjoy the new WELD!"

Michigan State University. He worked his way up to his present position and for a year and a half served as the department's acting head.

When talking about his fondest memories at China Lake, Riggs said it would have to be the people. "I know that is the same thing everyone retiring says, but it's true. The people are what makes it fun to work here."

Riggs doesn't have definite plans for his retirement, as long as it didn't have anything to do with weapons or engineering. "After 30 plus years of this, I would like to do something else," he said with a chuckle.

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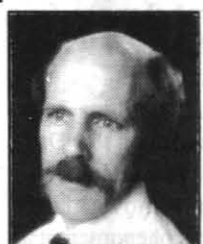
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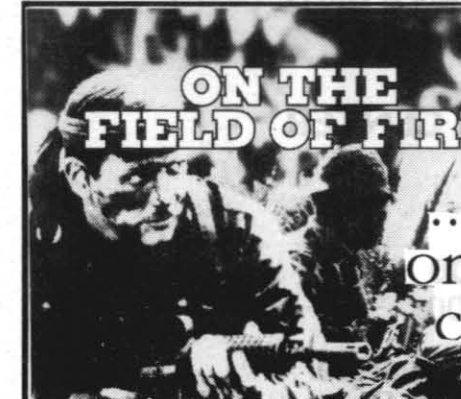
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diplomacy, as well as knowledge of protocol in dealing with the public. Promotion potential to DG-3, but not guaranteed. Previous applicants need not reapply. **Note 1 applies.**

No. C86-006-SK4, Secretary (Typing), DG-318-3/4, Morale, Welfare and Recreation Department, C86—Area of Consideration: NAWCWPNs. **Opening Date:** 1-27-94. **Closing Date:** 2-10-94. **Selecting Official:** Tom Blackmore, (619) 939-2010. **HRD Contact:** Susan Koch, (619) 939-8120. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent provides secretarial support to the Director and Deputy Director, Morale, Welfare and Recreation Department and Administrative Services Division. Completes all travel arrangements for the entire department. Completes a variety of non-technical duties working with appropriated and non-appropriated funds. Considerable contact with active and retired military, DOD civilians, private citizens and their dependents. Must be able to obtain a Confidential clearance. **Quality-Ranking Factor(s):** Knowledge of Macintosh II and Microsoft Word, Filemaker, Excel software required, and must be able to communicate orally and in writing. Previous applicants need not reapply. **Note 1 applies.**

No. C86-008-SK4, Secretary (Typing), DG-318-2/3, C864—Area of Consideration: NAWCWPNs. **Opening Date:** 1-27-94. **Closing Date:** 2-10-94. **Selecting Official:** Elaine Jackson, (619) 939-2305 or 939-6884. **HRD Contact:** Susan Koch, (619) 939-8120. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** This position is located in the Sports Division of the Morale, Welfare, and Recreation Department. The incumbent will be expected to answer phones, prepare and review standard correspondence, reports, travel requests, and other documents ensuring proper grammar, spelling, punctuation, and format; provide data processing services and support; prepare NAF work schedules and timesheets; receive incoming correspondence, compose routine correspondence, initiate replies to routine matters, and refer other inquiries to appropriate staff members or supervisors; maintain suspense file; and other secretarial duties as assigned. Perform typing functions to include draft report staff minutes and correspondence of a confidential or sensitive nature. **Quality-Ranking Factor(s):** Knowledge of Filemaker, Excel, and Microsoft Word is preferred, but not required; ability to use initiative, discretion, and independent judgment in making decisions; must be familiar with the Macintosh computer. Promotion potential to DG-3. **Note 1 applies.**

No. P003-001-94, (1) Resources Assistant, GS-303-5/6/7, Office of the Commander, Office of the Executive Assistant, Division Counsel, P003—Area of Consideration: NAWCWPNs. **Opening Date:** 1-27-94. **Closing Date:** 2-10-94. **Selecting Official:** Scott Miller, (805) 989-7735. **HRD Contact:** Ana I. Anderson, (805) 989-3241. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides support to the Command Counsel and Staff Judge Advocate on matters related to the Freedom of Information Act (FOIA) and other issues within the responsibility of the Office of Counsel. The incumbent acts as a personal assistant to the Command Counsel and Staff Judge Advocate in the management of legal services provided to NAWCWPNs. **Quality-Ranking Factor(s):** Knowledge of general administrative procedures, ADP tools, and ability to apply the knowledge in assigned duties/tasks.

CHINA LAKE SITE ONLY

No. C29-018-RR4, (1) Secretary (Typing), DG-0318-3, Electro-Optics Guidance Division, C294—Area of Consideration: China Lake only. **Opening Date:** 1-27-94. **Closing Date:** 2-3-94. **Selecting Official:** Mike Stringham, (619) 939-4570. **HRD Contact:** Brenda Dunn, (619) 939-2883. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides secretarial and administrative support to the Division Head and members of his staff. **Quality-Ranking Factors:** Ability to perform receptionist and telephone duties; track, screen and distribute incoming mail; review outgoing correspondence; compose correspondence and/or prepare non-technical reports; train clerical personnel and organize workload of clerical staff processes; plan and coordinate travel arrangements; maintain and coordinate supervisor's calendar and arrange conferences. **Note:** The selectee must be able to obtain and maintain a Secret clearance.

No. C84-002-DWE, Lead Firefighter, GS-081-7, Naval Air Weapons Station, Safety and Security Department, Fire Division, C842—Area of Consideration: China Lake only. **Opening Date:** 1-27-94. **Closing Date:** 2-3-94. **HRD Contact:** Shirley Hauser, (619) 939-2032. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent is crew chief of a major piece of motorized firefighting apparatus and its crew. Duties include answering fire alarms, instructing crew in operation of fire equipment and in all phases of firefighting, and directing firefighting operations in the absence of supervisors. **Quality-Ranking Factor:** Ability to perform as a Lead Firefighter through applying knowledge of fire prevention practices and knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layout, etc.) and through applying verbal and written communication skills. **This ad establishes a register from which Lead Firefighter vacancies will be filled through February 1995.** Applicants who do not meet the statutory (time-in-level) requirements but will meet those requirements during the term of this list may apply, but will not be placed on the list until those requirements are met. Potential selectees may be required to obtain and maintain a Secret clearance. **Note 3 applies.**

REASSIGNMENT COLUMN ALL FOUR SITES

No. C21-001, Computer Scientist, DP-1550-3, (Multiple Vacancies), F/A-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (F/A), C2195—Area of Consideration: NAWCWPNs. **Opening Date:** 1-27-94. **Closing Date:** 2-10-94. **Selecting Official:** Charles Bechtel (619) 939-5210. **HRD Contact:** Kym Noh, (619) 939-2393. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** This position in which this position is located is responsible for development of embedded computer software for the F/A-18 aircraft. The incumbent will provide software engineering support for (1) analyzing and documenting aircraft mission system requirements, (2) developing software designs for embedded computers, (3) translating software designs into source code, and (4) testing the resultant embedded computer programs. A knowledge of embedded systems software development, DOD-STD-1679A, and DOD-STD-2167A is desirable. Incumbent must have experience in software engineering

practices and in assembly language programming. The incumbent must be able to work well in a team environment and display effective communication skills. Incumbent must be able to obtain and maintain a Secret clearance. Full performance for this position is DP-3. Duty station is at NAWCWPNs, China Lake, Calif. Send a current SF-171 to Charles Bechtel, C2195. **Note 4 applies.**

NATIONWIDE

***No. P70-002-MZ3, (1) Child Development Training and Curriculum Specialist, GS-1701-07, Naval Air Weapons Station, Morale, Welfare, and Recreation Department, Recreation Division, P703—Area of Consideration:** Appointable persons nationwide. **Opening Date:** 1-27-94. **Closing Date:** 2-24-94. **Appointable Persons Nationwide.** **Selecting Official:** Dan Savage, (805) 989-8070. **HRD Contact:** Marcela Zaragoza, (805) 989-3235. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** Develops and implements training for Child Development Center staff which helps them render safe and developmentally appropriate care for children. Executes the standardized Child Development training program. Provides orientation training and safety, health and sanitation, fire prevention and evacuation,

recognizing, reporting, and preventing child abuse, first aid, and cardiopulmonary resuscitation (CPR), nutrition and real service, child growth and development, classroom management, child guidance and discipline techniques, and other related topics. Maintains training records and prepares reports and recommendation for the supervisor. Develops the framework for a curriculum to be used by Program's staff which promotes the physical, emotional, cognitive, and social growth of children ages 6 weeks to 12 years. The curriculum, which revolves around a planned, yet flexible, daily routine, includes a variety of age-appropriate, skill-developing play activities. Supports the parent participation program by arranging and coordinating activities to involve parents such as field trips, parent newsletter, special events, and parent education programs. Develops a working relationship with local colleges and professional organizations and advises staff about continuing avenues of professional development. Serves as a point of contact for information on the Child Development Association (CDA) National Credentialing Program. May be a CDA advisor to caregivers who are obtaining CDA credentials. **Quality-Ranking Factor(s):** Knowledge of early childhood principles, theories, concepts, and standards as they relate to military child development programs and services. ***Amended to extend Area of Consideration.**

POINT MUGU MORALE, WELFARE, AND RECREATION DEPARTMENT IMMEDIATE VACANCIES

To apply for the following positions complete, sign, and submit an Application for Federal Employment (SF-171), and if applicable, a copy of your latest performance appraisal and latest personnel action to:
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For more information call Sybil Hubbard at (805) 939-7509. Full consideration will be given to all qualified candidates regardless of race, color, religion, national origin, lawful political affiliation, age, sex, physical handicap, marital status, or any other non-merit factor.

Club Operations Assistant (Night Manager), NF-1101-03—Hospitality Facilities, flexible schedule, normally Friday and Saturday evenings and Sunday days, approximately 25 hours a week. Area of Consideration: NAWC commuting area. **Salary:** Negotiable. **Description of Duties:** Incumbent assists management in directing, supervising, and managing Hospitality Facility operations, which may include Mugu's Pizza and More, bingo operations at the Point Restaurant, catered functions and more, on Friday and Saturday evenings and Sunday days. As a flexible scheduled employee, the hours and days may vary. Incumbent maintains order and cleanliness in the facilities, prepares reports, communicates with patrons, assists in other facility positions when needed, issues, receives, and controls cash receipts and change funds. **Qualifications:** Incumbent must have a working knowledge of food and beverage operations with 1 year of related experience and a knowledge of business/cash-controlling procedures.

Office Services Clerk, NF-0303-02—MWR Administration Office, flexible schedule; this is not a full-time position. Area of Consideration: NAWC commuting area. **Salary:** Negotiable. **Description of Duties:** Incumbent serves as receptionist-office clerk for the MWR Administration Office, answers phones, directs calls and visitors, types a variety of material, including official correspondence, reports, documents, etc. Establishes and maintains office files, routes incoming mail, coordinates outgoing mail, gathers and distributes information, and performs other office duties as assigned. **Qualifications:** Two years of general office experience that includes computer and typing duties. Must be able to efficiently operate an electric typewriter and a computer/word processor. Must demonstrate a knowledge of basic English grammar and punctuation. Must have the ability to communicate effectively orally and in writing. A pleasant, outgoing personality is a must.

Recreation Assistant, NF-189-03—Recreation Division, Information, Tickets, and Tours (ITT) Office, flexible schedule - up to 40 hours per week. Area of Consideration: NAWC commuting area. **Salary:** Negotiable. **Description of Duties:** Incumbent operates the ITT counter. Sells and promotes tickets and tours. Assists management in developing new program ideas and promotional campaigns. Maintains an ongoing record of ticket inventory and orders new materials as needed. Completes daily revenue and records drops. Maintains an ongoing record filing system for all postings. Position currently requires working on Saturdays. **Qualifications:** A high school diploma is required. Knowledge of ticket and tours procedures, accounting techniques, programming ideas, promotional campaigns, and inventory control systems is desired. Must be skilled in the use of a calculator, cash register, and computers. A pleasant, outgoing personality is a must. Must be able to communicate effectively orally and in writing.

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



NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



CHINA LAKE GENERAL ANNOUNCEMENTS

McCauley, C6331, 939-0614. You must have the equipment model, serial number, location, problem description, point of contact, alternate point of contact and phone number, and job order number.

"SECRET CITY" VIDEO AVAILABLE

The Video Projects Branch now has the 3-hour documentary "Secret City" available for purchase. Composed of historical footage, archival photographs, historical memorabilia, and on-camera interviews of over 60 noted China Lakers, this video recounts the 50-year history of the Navy at China Lake. This video was shown at the Station Theater during the 50th anniversary celebration last November. Copies for official use only are available for loan or purchase. A.J.O. will cover the cost of the tape. A copy may be obtained from the Video Projects Branch located in the old Community Center across from the Headquarters Building, or by calling 939-3697.

Copies may be purchased for personal use by contacting the China Lake Museum Foundation, P.O. Box 217, Ridgecrest, CA 93556.

WACOM LUNCHEON MEETING

The February WACOM luncheon meeting will be held at the Seafarer Club on Tuesday, 8 February with a social period at 1100 and lunch at 1130. This month's meeting will feature "The Chapmans," a husband and wife team who are veterans of film and stage musicals, Broadway, and NYC Opera. Members can make reservations by calling Grace Smith at 375-1142, Theresa Davis at 446-3246, or Mavis Royer at 375-4071. (C86)

PROFESSIONAL WOMEN'S FORUM

The Professional Women's Forum luncheon will be held at the Carriage Inn banquet room on Friday, 4 February from 1130 to 1230. Lunch will include a soup and salad bar at a cost of \$7.50 for advance tickets and \$8.50 at the door. The meeting will include a presentation titled "Targets and Drones—Where No Human Dares to Wander." The presentation will cover some of the currently available targets and their uses. Capabilities of the control system that operates these targets will be summarized.

The guest speaker is Naomi Cho, who is a senior computer systems engineer with Boeing Information Services, providing systems engineering and software support for the Integrated Target Control System (ITCS) and the Universal Control Console (UCC).

Reservations will be accepted on a space-available basis; deadline is 2 February. Make checks (no refunds) for \$7.50 payable to "Carriage Inn;" include drivers license number and date of birth on check and mail to Shirley Reinhardt, C2108, at 939-5617.

NAWCWPNs GPS MINI CONFERENCE

The Technology Advancement Group (C025) is sponsoring the first NAWCWPNs Global Positioning System (GPS) Mini-Conference, "Celestial Navigation with a

New Set of Stars," on 16 and 17 February. The conference will run from 0830 to 1630 each day at Mich Lab, Room 1000D.

The purpose of the conference is to (1) introduce NAWCWPNs-supported GPS science and engineering applications; (2) identify current and future GPS requirements and capabilities, and develop a basis for future technology investment; (3) establish communication between the different pocket of GPS expertise at China Lake and Point Mugu; (4) receive GPS Joint Program Office and Navy perspectives on GPS; and (5) introduce visiting officials to NAWCWPNs GPS capabilities.

All interested personnel are encouraged to participate as presenters or attendees. A wide variety of GPS-related presentations are being solicited for this conference. The presentations should be no longer than 20 minutes plus 10 minutes for questions and answers. Scheduling allowances may be made for presentations requiring more or less time.

Anyone interested in making a presentation should submit an abstract of no more than 200 words containing sufficient technical data, as well as organizational and program background information, if applicable. Abstract formatting instructions have been distributed to all branch heads. Abstracts should be received by Mark Wonnacott (C2876) by COB 20 January. Selected abstracts will be printed in the conference program. Also indicate, along with the abstract, any special audiovisual equipment that may be required for your presentation.

The points of contact for this conference are Mark Wonnacott, C2876, 939-1089, and David Greskowiak, C2876, 927-3616, for weapon/aircraft system and miscellaneous applications or Dex Hansard, C325101, 939-6930, for range applications.

MACINTOSH SYSTEM 7.1 AND MACTCP SITE LICENSE

NAWCWPNs has purchased a site license for Macintosh System 7.1 and MacTCP. The license covers all Macintoshes in use at the four NAWCWPNs sites and includes software maintenance (support and updates) until 30 June 1994. Free distribution will be via an AppleShare server in your department, or manuals and media can be purchased at nominal costs by calling (619) 939-3165.

Additional details can be found in the memo "NAWC 7.1 Site License Info" on the C63 Department Server in the CL, Mainsite Zone; Path-C63 Public Volume: Current Versions: System Files: System 7.1 f. If you cannot access this server, send a QuickMail request for the document to Connie Spanner — BCS.

NLCCG MANAGEMENT BRIEF AVAILABLE

Ten copies of the most recent Navy Laboratory/Center Coordinating Group (NLCCG) Management Brief are available from the Technical Information Department. The five-volume Brief contains information on the organization, capabilities,

accomplishments, personnel, assets, and funding of the Naval Air Warfare Center; Naval Surface Warfare Center; Naval Undersea Warfare Center; Naval Command, Control and Ocean Surveillance Center; and Naval Research Laboratory. For further information, call Cliff Lawson at 939-0970. Copies of the Brief are also available for checkout from the Technical Library.

TECHNICAL LIBRARY AFTER-HOURS ACCESS

The Technical Library would like to remind the after-hours users of the Library that we need confirmation of your desire to remain on the After Hours List for 1994. Every year in January we resubmit to the front desk of Michelson Laboratory, a new list of customers who desire access to the Technical Library when it is closed. If you would like to be or remain on this list, it is necessary for you to fill out an After-Hours Access Form. You can get this form by either calling or stopping by the Technical Library Division Office. We can also QuickMail or FAX the form to you. The form must be returned to the Technical Library Division, C643 for approval. The form can be sent to us by QuickMail or FAX. FAX: 939-0606 or QuickMail: Mail Center CL 64 MC, Address TECH LIB. Technical Library Division C643, 939-1017.

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
December	1.20%	0.52%	0.49%
Last 12 Months	10.31%	9.52%	6.14%
C Fund—Common Stock Index (Stocks)			
F Fund—Fixed Income Index (Bonds)			
G Fund—Government Securities			

RETIREMENTS AND FAREWELLS

CHUCK NEWMYER

Chuck Newmyer (C0254) is retiring. A farewell party and "roast" will be held in his honor at the Carriage Inn on 29 January. Heavy hors d'oeuvres will be served at 1800 at a cost of \$8 per person. A "roast" will begin at 1930. For reservations and contributions contact Gerry Peterson at 939-1074 or Joani Seal at 939-3241 by 21 January.

DARRELL JOHNSON

Darrell Johnson, Deputy Fire Chief, is retiring after 31+ years of federal service. A retirement dinner will be held in his honor at the Seafarer Club on 2 February. No-host cocktails will begin at 1800 followed by dinner at 1900. Dinner will consist of roast beef at a cost of \$11.50 per person or baked chicken at a cost of \$10.50 per person. Presentations will begin at 2000. For more information, tickets, or presentations contact Esther Suarez or Ross Davidson at 939-2146 by 24 January.

POINT MUGU GENERAL ANNOUNCEMENTS

RETIREMENTS AND FAREWELLS

To announce retirement and farewell social events for Point Mugu personnel (published in the Missile and Rocketeer) contact Ron Rogers at 989-3997.

Announcements must be received 3 weeks prior to the events.

TEKTRONIX FIP HARDWARE MAINTENANCE CONTRACT

C6331 has a new contract for hardware maintenance of Tektronix FIP equipment and attached peripherals (can be third party) at China Lake and Point Mugu. This contract is not mandatory and has been initiated to provide primary or alternative service to existing maintenance agreements/contracts.

Contractor: Telos Field Engineering
Contract Number: N68936-94-D-0062
Contract Coverage: Per call (time and materials)

Period of Performance: Through 31 December 1994

Response: 6-hour response time during the principal period of maintenance (PPM), Monday through Friday, 0730-1630

Cost: Per-call coverage during the PPM, \$40 per hour, 2-hour minimum plus parts

A contract administration surcharge of 7.9% will be added.

These rates apply to both China Lake and Point Mugu and are effective through

the life of this contract.

To place a trouble call, contact Linda McCauley, C6331, 939-0614. You must have the equipment model, serial number, location, problem description, point of contact, alternate point of contact and phone number, and job order number.

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
December	1.20%	0.52%	0.49%
Last 12 Months	10.31%	9.52%	6.14%

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

NLCCG MANAGEMENT BRIEF AVAILABLE

Ten copies of the most recent Navy Laboratory/Center Coordinating Group (NLCCG) Management Brief are available from the Technical Information Department. The five-volume Brief contains information on the organization, capabilities, accomplishments, personnel, assets, and funding of the Naval Air Warfare Center; Naval Surface Warfare Center; Naval Undersea Warfare Center; Naval Command, Control and Ocean Surveillance Center; and Naval Research

Laboratory. For further information, call Cliff Lawson at 939-0970. Copies of the Brief are also available for checkout from the Technical Library.

CAR POOL ELIGIBILITY REQUIREMENTS

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

SPECIAL COMMUTER INFORMATION

Only employees registered in the program and who have a serial-numbered yellow Point Mugu carpool sticker are authorized to use the "Carpool Only" parking spaces on station. Registered

personnel should use the "Carpool Only" spaces only on days that they are actively car/van pooling. Anyone else using these parking spaces will be ticketed by the Security Department.

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

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

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

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

HEALTHY COOKING CLASS (2 hrs.)

23 February and 2 March; Several Sessions; Bldg. 5-1, Lounge. By: Optimal Health Resources

This workshop will help you choose healthy ingredients and healthy methods of cooking.

For more information call Jim Diderich, 989-3994

WORDPERFECT, ADVANCED (8 hrs.)

22 February; Tuesday, 0800-1600; Bldg. 5-1, Room 23. By: Tectra

Prerequisite: WordPerfect, Intermediate. This course covers the advanced features showing graphics capabilities, using automatic indexing, create and execute macros, and special project applications using various functions on the IBM compatible.

DBASE IV, INTERMEDIATE (8 hrs.)

23 February; Wednesday, 0800-1600; Bldg. 5-1, Room 23. By: The Memory Co.

Prerequisite: DBASE IV, Introduction. This course will focus on data management capabilities using set commands, creating complex reports, and creating turnkey systems using IBM compatible.

DOS, INTRODUCTION, (8 hrs.)

24 February; Thursday, 0800-1600; Bldg. 5-1, Room 23. By: C.C.C.S.

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

- Understand how DOS relates to the hardware/software
- Organize hard disk
- Format diskettes

- Work with subdirectories
- Name, rename, delete, backup and files

HOW TO FIND MONEY IN YOUR "1040" (1 hr.)

24 February; Thursday, 1130-1230; Bldg. 5-1, Auditorium. By: Jan Nottingham, CFP
This workshop will explain 1993 tax law changes and ways to minimize the amount of tax you have to pay.

MS-WINDOWS, INTRODUCTION (16 hrs.)

28 February-1 March; Monday-Tuesday, Bldg. 5-1, Room 23. By: COMSKIL

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

POWERPOINT, INTRODUCTION (8 hrs.)

28 February, Monday, Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: General knowledge of Macintosh concepts and usage. In this class you will obtain the skills necessary to produce the kind of presentations you have always wanted. Topics include creating, editing, and printing presentation slides and charts.

BECOMING A MASTER OF CHANGE (3 hrs.)

1 March; Tuesday, 1400-1700; Bldg. 5-1, Lounge. By: Joyce Kyler

This course helps the student look at the way our world changes constantly and how those changes affect everyone's life.

OFFICE MANAGEMENT (16 hrs.)

1-2 March; Tuesday-Wednesday, 0800-1630; Surfside, Garden Room. By: LaNele Thompson

This mid-level course develops individual skills that enhance the productivity and effectiveness of clerical and administrative employees. The course objective is to help participants identify roles and responsibility of an office manager and develop a managerial perspective of the secretary's job. Individuals will recognize the use of management skills in their present positions and learn to plan and prioritize work; they will also learn important communication skills in dealing with people in an office, on the telephone, and in other work-related situations.

LOTUS 1-2-3, INTRODUCTION (16 hrs.)

2-3 March; Wednesday-Thursday, 0800-1630; Bldg. 5-1, Room 23. By: The Creative Solutions

Prerequisite: Prior PC experience. This course teaches students basic spreadsheet construction, building formulas, entering and editing data, and printing and saving data on the IBM compatible.

MYERS-BRIGGS TYPE INDICATOR WORKSHOP (8 hrs.)

3 March; 0800-1200, Thursday; Bldg. 5-1, Lounge. By: Julie Streets

Changing jobs or careers can be a major life transition—one that requires careful thought, planning, and work. The Myers-Briggs Type Indicator is a widely used, accepted, and validated personality assessment instrument that identifies individual strengths or gifts. If you are exploring new career or job options, understanding yourself and others can significantly improve the focus and the decision-making aspects of a career transition.

THE BASIC STRESS MANAGEMENT (8 hrs.)

3 March; Thursday, 0800-1630; Bldg. 5-1, Auditorium. By: Margret O'Neill

This course will examine the most common types of stress and how to pinpoint your particular sources of stress and measure your current stress level. Emphasis is on practical techniques to help a person manage stress.

DOS, ADVANCED (8 hrs.)

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

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

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

RISK MANAGEMENT (16 hrs.)

7-8 March; Monday-Tuesday, 0800-1630. By: TBA

The attendees will learn the benefits of risk analysis and risk management of projects and programs to improve the likelihood of achieving cost, schedule, and technical objectives. The course will teach practical, organized, and complete steps to preparing a risk analysis and it will highlight the main approaches to reducing or dealing with risk. The attendees will be taught techniques and tools needed to identify, quantify, and monitor project and program risk.



Human Resources Department Information

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

EMPLOYEE/LABOR RELATIONS DIVISION NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 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 call Maria Martinez at (805) 989-3222 or Cindy Halpin at (619) 939-2018.

CHINA LAKE

Pearl Mazulen, C8322

Pearl fell on ice and fractured her arm and badly bruised her back and hip.

Joyce Cercone, C2142

Joyce is recovering from foot surgery and is indebted for leave.

Anita DeGroot, C2535

Anita is on maternity leave.

Bobbie Helder, P7304

Bobbie has left lower lobe pneumonia and is on ventilatory support.

Patricia Kozik, P6135

Patricia had surgery and is need of leave.

Brenda Davis, P625

Brenda is undergoing treatment for Lupes Erythematous.

Mary-Lea Calek, P3852

Mary-Lea is hospitalized and is recovering from a heart problem.

Nancy Olavarrieta, P0704

Nancy is on maternity leave.

Bruce Katz, C3221

Bruce has injured/broken vertebra of the spinal column and must be immobile for 6 to 12 weeks.

Larry Kuster, C842

Larry has colon cancer and is undergoing chemotherapy and radiation treatments.

Cathy Hannah, C6132

Cathy has been consistently readmitted to the

Ann Marie Anaya, P0351

Ann Marie is suffering from an occupational disease.

Tom Swann, P0393

Tom is receiving treatment for stress related reasons.

Jerry Farmer, P6633

Jerry needs leave due to extensive surgical procedures.

Edward Montez, P7370

Edward is undergoing treatment for epilepsy.

Cynthia Nunez, Code 5A32

Cynthia is on maternity leave.

hospital for congestive heart failure and diabetic gastroparesis following the birth of her premature son who is also under care.

Deanna Weetman, C28

Deanna was off work caring for her husband who underwent bypass surgery.

Denise Gossage, C622

Denise was off work due to complications of

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Patricia Pratt, P30, Naval Air Reserve Training

Patricia is undergoing chemotherapy and radiation treatment for perforated colon cancer.

Myrian Padua, P653

Myrian is experiencing dysfunctional uterine bleeding.

Leon Betts, P777

Leon is being treated for a large area of ulceration on his anterior chest wall.

Doris McIntyre, P744

Doris has cardiomyopathy with congestive heart failure.

pregnancy and is now recovering on maternity leave. She is indebted for leave.

Frank White, C3312

Frank is recovering from pneumonia that resulted from valley fever.

Lydia Groat, C254

Lydia will be off work to have a baby and will be on maternity leave.

Shawna Clay, P7210

Shawna is receiving treatment for a displaced right calcaneus fracture.

Annette Zuniga, P3500

Annette is taking care of her husband who is extremely ill.

Josefina Gerende, P25511

Josefina is undergoing surgery.

Melody Dates, P004B

Melody is recovering from brain surgery.

Sue Gonzales, P751

Sue's son has acute lympho-blastic leukemia.

OPERATIONS DIVISION NEWS

MERIT PROMOTION

ALL FOUR SITES

*No. C29-017-CR4, (1) Supervisory Engineering Technician, DT-0802-3, Electro-Optics Guidance Division, Intercept Weapons Department, C2941—Area of Consideration: NAWCWPNS. Opening Date: 1-13-94. Closing Date: 2-10-94. Permanent Change of Duty Station Authorized: Yes. Selecting Official: Mike Stringham. HRD Contact: Pris Borin, (619) 939-3118. Summary of Duties: Supervise five DT-3 technicians. Interact with on- and off-center sponsors. Develop cost and schedule estimates for clean room projects. Maintain proper level of staffing. Assure adequate training for staff. Establish and maintain good safety practices. Quality-Ranking Factor: Ability to work in a clean room environment including knowledge of clean room procedures and practices, electro-optic seekers, electro-optic testing and test equipment, and knowledge of and willingness to support EEO policies. Promotion potential: DP-3. Notes 1 and 2 apply. *This is a correction. Ad No. C29-017-CR4 was previously advertised as Supervisory Engineering Technician, DP-0802-3. Previous applicants need not reapply.

No. C61-009-SK4, Supervisory Budget Analyst, DP-560-3/4, C613—Area of Consideration: NAWCWPNS. Opening Date: 1-27-94. Closing Date: 2-10-94. Selecting Official: Jerry Macy, (619) 939-3605. HRD Contact: Susan Koch, (619) 939-8120. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: This position is Head of the Financial Management Division, located in the Comptroller Department. The incumbent serves as a major source for the Comptroller Department in financial management, providing technical advice to management and personnel at many levels, performing in-depth evaluations, resolving difficult problems, and generally carrying out oversight responsibility for the specialty. The

incumbent must demonstrate the following: ability to understand complex resources allocation issues; a working knowledge of the Center's budget formulation; a working knowledge of the Navy's Comptroller Manual no. 5 and no. 7 and the Budget Guidance Manual; and a working knowledge of the base consolidation efforts. Quality-Ranking Factor: Knowledge of the budget formulation/execution process/Defense Business Operation Fund system; knowledge of TQM (leadership); knowledge of Affirmative Action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor; ability to deal effectively with all levels of Center management. Incumbent may have to serve a 1-year supervisory probationary period. The full performance level of the position is DP-4. Notes 1 and 2 apply.

No. C004-006-SK3, Secretary (Typing), DG-318-2/3, COMNAWCWPNS, Flag Administration, C004—Area of Consideration: NAWCWPNS. Opening Date: 1-27-94. Closing Date: 2-3-94. Permanent Change of Duty Station Authorized: No. Selecting Official: Capt. Roger K. Hull. HRD Contact: Susan Koch, (619) 939-8120. Summary of Duties: The incumbent provides secretarial and administrative support to the Office of the Executive Assistant, Flag Administration, located at the China Lake site. Responsibilities include, but are not limited to, receiving and screening calls and visitors; originating and preparing correspondence; ensuring appropriate content, grammar, and format; maintaining appointment calendars; making travel arrangements; coordinating meetings; and determining priorities with discretion. Must be able to use ADP equipment as it supports secretarial and communication functions. Incumbent must be able to obtain and maintain a Secret clearance. Quality-Ranking Factor(s): Ability to provide secretarial and administrative support through application of DOD, Navy, and NAWCWPNS correspondence policies and procedures and instructions, and ability to exercise tact and

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

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

UNIX SYSTEM FUNDAMENTALS FOR USERS (40 hrs.)

31 January-4 February; Monday-Friday, 0800-1630; Bldg 5-1, Room 23. By: Noble Nkwocha, C6321

Prerequisite: Familiarity with the basic computer systems.

This is an introductory course in UNIX and will cover the basic ideas and features that novice and intermediate users need in order to use the UNIX system effectively. Topics include an overview of the operating systems, UNIX fundamentals, processes in UNIX, UNIX file system, communicating with other users, and customizing the UNIX system environment.

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

14 February; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis, C3572

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

This course focuses on the structural framework of an object oriented language, C++. Syntactic properties of C/C++ are covered in detail as though C++ was a new language to the student. Object oriented design methodologies and design tools will be demonstrated and practiced by the student. A series of small lab projects will lead to complete C++ computer simulation project. By the end of this course the student will have a good understanding of an object oriented design method and the C++ language rules that support an object oriented approach to software engineering.

FIBER-OPTICS, INTRODUCTION (32 hrs.)

28 February; Monday-Thursday, Surfside, Cloud 9 Room. By: High-Rey Diagnostics, Inc.

This course will provide an understanding of the three basic components of which all fiber optic systems are comprised; the optical sources, the fiber itself and the detectors. How these components are integrated into actual systems including coding and modulations techniques will be presented. Attendees will be aware of the factors which limit the performance of fiber optic systems as well as current state-of-the-art of such systems. Course participants will have hands-on experience including fiber loss and OTDR measurements and a 4-hour connectorization session.

UNIX OPERATING SYSTEM: INTRODUCTION (32 hrs.)

Date: TBA, Monday-Thursday, By: Noble Nkwocha, C6343

Prerequisite: General computer knowledge (IBM-PC, Macintosh, or VAX).

This introductory course in Unix will cover the basic ideas and features that novice and intermediate users need in order to use the Unix system effectively. 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 have working knowledge of the Unix Operating System, the Unix File System, and some of the most useful Unix Utility Programs.

ADVANCED CONCEPTS IN UNIX (40 hrs.)

Date: TBA, Monday-Friday, By: Noble Nkwocha, C6343

The Advanced Concepts in Unix will cover selected features of the Unix Operating

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

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

CAREER TRANSITION WORKSHOP (16 hrs.)

1-2 February; Tuesday-Wednesday, 0800-1630; Ramada Inn, 181 E. Santa Clara, Ventura. By: Julie Streets

The Career Transition Workshop introduces the participant to job change strategies used by successful people. Using a career decision model, the participants will identify their values, skills, interests, and accomplishments. They will also analyze their current jobs and career aspirations. Using this information the participants will develop a career action plan for the future. Participants will also study the latest job search strategies and techniques and become more skilled at networking, resume/SF171 preparation, marketing, and interviewing.

INTERPERSONAL SKILLS (8 hrs.)

1 February; Tuesday, 0800-1630, Surf Club, Cloud 9 Room. By: Suzanne Hard

Recent studies indicate that when one person communicates with another, 7% of the communication is verbal (words), 30% is vocal (tone of voice, inflection of voice), and 55% is nonverbal. Communicating, a primary function of every individual, entails getting information to those who need it and listening to what others are saying. This course provides participants with an opportunity to sharpen these skills.

CONTEMPORARY NAVY WRITING (16 hrs.)

1-2 February; Tuesday, 0800-1630, Bldg. TBA. By: Natalie Reid

Intended Audience: Employees who write letters, memos, and reports.

This course introduces participants to a variety of techniques for mastering the compact, active writing styles of today's Navy and focuses on Chapter 1 of the Navy Correspondence Manual. Students learn to trim the fat from sentences and paragraphs. They learn to choose precise, expressive words in the language of intelligent conversation. Workbooks, lectures, demonstration, discussion, and ample practice equip the student to write using plain English in a straightforward, readable way.

UNDERSTANDING YOUR MONEY PERSONALITY (1 hr.)

2 February; Wednesday, 1130-1230; Bldg. 5-1, Auditorium, By: Jan Nottingham, CFP

A workshop to help you understand how money influences how you save, spend, invest and earn your money, and how to make your money work for you.

EFFECTIVE PLANNING TECHNIQUES (16 hrs.)

2-3 February; Wednesday, 0800-1630; Surfside Club, Garden Room. By: Partridge Garcia Group

The workshop will teach the participants the important habits used by effective leaders. They will learn to be proactive, have a vision and the direction they desire the their future, and then take the steps necessary to make it a

reality. Through proper weekly planning focusing on the individual's roles, each participant will be able to become a more effective leader and more successful individual.

HARVARD GRAPHICS (16 hrs.)

7-8 February; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory Company

Students learn to create a wide range of graphics—from simple text charts to complex presentations with screen display effects. In addition, students will see how to use effective design in planning charts; how to manage files and import and export data for charts; how to print charts and create templates for them; and how to use special calculations to analyze data.

EXCEL, BEGINNING (16 hrs.)

7-8 February; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Prior Macintosh experience. This course introduces students on basic spreadsheet construction, building formulas, entering and editing data, creating charts, printing, and saving data.

ASSERTIVENESS TRAINING FOR ASIAN PACIFIC ISLANDERS (8 hrs.)

7 February; Monday, 0800-1630; Surfside, Garden Room. By: Dr. Suzanne Hard

This course will help you understand the range of cultural behaviors and expectations and make sense of your corporate culture. You will also learn the cultural etiquette of communication, how to build work teams, and how to perform evaluation in a diverse organization.

CONFIGURATION MANAGEMENT TECHNOLOGIES & UPDATE (16 hrs.)

7-8 February; Monday-Tuesday, 0800-1630; Surfside, Cloud 9 Room. By: Advanced Applications Consultants, Inc.

Prerequisite: Basic understanding of the acquisition lifecycle.

This course will cover the basic elements of configuration management with special emphasis on today's practices and applications (identification, control, status accounting, audits and reviews, planning), automation/digital data, professional growth, and tools.

WORDPERFECT, INTRODUCTION (8 hrs.)

9 February; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra

Prerequisite: Prior PC experience. In this course students will learn basic operations of word processing such as how to create, print, and save documents, editing, modifying, and enhancing those documents. Many functions and commands will be demonstrated.

BOOSTING YOUR IMMUNE SYSTEM (4 hrs.)

9 February; Wednesday, 1130-1330; Bldg. 5-1, Auditorium. By: Dr. Roger Knight

This seminar will help you

- Regain control of your own health
- Reverse harmful risk factors practically
- Start a therapeutic diet that makes you feel good
- Begin an exercise program that will not wear you out
- Recapture your vigor naturally
- Activate simple but effective stress management techniques
- Incorporate principles of psychoneuro-immunology (mind-body relationship) in dealing with illness
- Balance your life for optimal health

The major cancers will be addressed from three perspectives: cause, risk factors, and preventive measures. The goal of this seminar is for participants to grow in the area of their own interests. Time will be allowed for a question-and-answer period.

CPR, BASIC PROVIDER (8 hrs.)

10 February; Thursday, 0800-1630; Bldg. 5-1, Lounge. By: St. Johns

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

WORDPERFECT, INTERMEDIATE (8 hrs.)

10 February; Thursday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra

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

INTERPERSONAL RELATIONSHIPS AT WORK (4 hrs.)

14 February; Monday, 1230-1630; Bldg. 5-1, Lounge. By: Dr. Rita McCullough-Stanley

This workshop provides an opportunity for participants to discuss problems they are currently having in interpersonal relationships and receive input on resolving these difficulties. Participants will learn communication skills and protective techniques.

DEFENSE BUSINESS OPERATIONS FUND (24 hrs.)

15-17 February; Tuesday-Thursday, 0800-1630; Surfside, Cloud 9 Room. By: P&M Assoc.

This course is designed to provide attendees with an understanding of the Defense Operations Fund. The course will include lectures and case studies relevant to NAWC. Students will also prepare an operating budget.

TEAMWORK: UNDERSTANDING WHAT MAKES IT WORK (8 hrs.)

15 February; Tuesday, 0800-1630; Surfside, Main Room. By: Reid-Moomaugh & Assoc.

This 1-day course will develop participants' understanding and appreciation of teaming—including leading, following, and empowering. This course will present TQL applications and approaches for effective teaming.

DEALING WITH EMPLOYEE PERFORMANCE PROBLEMS (16 hrs.)

16-17 February; Wednesday-Thursday, 0800-1630; Surfside, Main Room. By: Reid-Moomaugh & Assoc.

This course is focused on developing the ability to coach and counsel direct reports to improve performance and productivity. Topics included in this session are differentiating between the concepts of coaching and counseling, steps and processes for coaching and/or counseling, and effective feedback skills.

MACDRAW PRO, INTRODUCTION (8 hrs.)

16 February; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Basic knowledge of the Macintosh Operating System or completion of an Introduction to Macintosh class.

In this course you will acquire a basic working knowledge of MacDraw Pro as an object-oriented graphics program and its uses within the student's work environment. You will learn an Introduction to MacDraw Pro, MacDraw Pro Desktop, Tools and Menu, Page Layout, Drawing Simple Objects, Adding Text, Using Layers, Using the Special Drawing Tools, and Finishing and Printing Your Document.

Presentation Method: Hands-on workshop

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 Sandy Brigham at Point Mugu (P622), 989-3996 (DSN 351-3996) or from Lori Ryser at China Lake (C622), X2686 (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 and Stress Management Location: West Coast area	6-10 Jun 94	14 Mar 94
Capitol Hill Workshop Location: Washington DC area	13-16 Jun 94	28 Mar 94
Contemporary Management Issues and Practices Location: Washington DC area	15-26 Aug 94	1 Jun 94
The Washington Arena Location: Washington DC area	6-10 Jun 94 19-23 Sep 94	14 Mar 94 30 Jun 94
Politics of National Security Location: Washington DC area	7-12 Aug 94	1 Jun 94
Executive Leadership and Career Development Workshop Location: Washington DC area	25-30 Sep 94	11 Jul 94

ON-BOARD TRAINING COURSE SCHEDULE

Nominations for courses should be submitted to the Human Resources Development Division at the site where the course is being held. To obtain a copy of the nomination form (On-Board Training Request NAWCWPNS 12410/2) contact your Administration Office or obtain one from Servmart/Telmar. For further assistance, at Point Mugu contact Mary Glasmann, P622, at (805) 989-3982, 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. On-board training courses are presented at no cost to NAWCWPNS employees.

CHINA LAKE COURSES

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

SYSTEMS ENGINEERING MANAGEMENT (Equivalent to SYS 201) (24 hrs.)

22-24 February; Tuesday-Thursday, 0800-1600; Training Center. By: Robert Olson, C02A03 and Charles May, Consultant

Note: This class is specifically designed to meet the SYS 201 DAWIA training requirement for DPIL's. This class will also meet the Systems Engineering Management class requirement for enrollees in TMC or SEC Programs as space is available.

This course provides an overview of Systems Engineering, addressing what is a system, why Systems Engineering is needed in the development/change of complex systems, what are the basic elements of the Systems Engineering process as it is implemented within the DOD acquisition structure, what engineering specialty areas interface with Systems Engineering, and how Systems Engineering must interface with the engineering specialties to form an effective interdisciplinary team.

DEALING WITH EMPLOYEE PERFORMANCE PROBLEMS (16 hrs.)

16-17 February; Wednesday-Thursday, 0800-1630; Surfside, Main Room. By: Reid-Moomaugh & Assoc.

This course is focused on developing the ability to coach and counsel direct reports to improve performance and productivity. Topics included in this session are differentiating between the concepts of coaching and counseling, steps and processes for coaching and/or counseling, and effective feedback skills.

MACDRAW PRO, INTRODUCTION (8 hrs.)

16 February; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Basic knowledge of the Macintosh Operating System or completion of an Introduction to Macintosh class.

In this course you will acquire a basic working knowledge of MacDraw Pro as an object-oriented graphics program and its uses within the student's work environment. You will learn an Introduction to MacDraw Pro, MacDraw Pro Desktop, Tools and Menu, Page Layout, Drawing Simple Objects, Adding Text, Using Layers, Using the Special Drawing Tools, and Finishing and Printing Your Document.

Acquisition Management course be completed prior to taking this course.)

Note: At the completion of this class, students desiring SYS 201 credit must complete DD Form 2518 (fulfillment form) and return it to C622, Attn: Dorothy.

Deadline: 8 February.

RISK MANAGEMENT (16 hrs.)

3-4 March; Thursday-Friday, 0800-1600; Training Center. By: Stanley Boyd, Consultant

REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

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

- Identify program risks and develop plans to manage those risks;
- Understand industry participation in risk management processes;
- Understand how contractors identify risks and develop plans to manage those risks as part of proposal preparation;
- Demonstrate use of an early, structured risk assessment and analysis process;
- Establish a series of "risk assessment events" where the effectiveness of risk reduction conducted-to-date are reviewed;
- Understand that risk assessment includes the contractor's managerial, development, and manufacturing capabilities and processes;
- Establish a clearly defined set of evaluation criteria for assigning risk ratings (low, moderate, high).

Deadline: 17 February.

PRODUCTION PROCESS (16 hrs.)

7-8 March; Monday-Tuesday, 0800-1600; Training Center. By: Charles Frederickson, Consultant

REQUIRED FOR ENROLLEES IN THE TMC PROGRAM.

This course is in a modular format and includes the following elements:

- Government Responsibilities
- Contractor Responsibilities

MANUFACTURING TECHNOLOGY TRAINING CLASSES

SURFACE MOUNT TECHNOLOGY HANDS-ON TRAINING

The advantages of surface mounting electronic components to increase circuit performance and reduce the package volume and weight are driving many designs to this ever-evolving technology. This course presents full coverage of the major aspect of surface mount technology and offers guidelines for design, assembly, inspection, and testing. The aim is to increase the manufacturing efficiency and the product reliability while reducing the production costs. To gain a real perspective in this technology, the class members will build surface mount assemblies during the course. Hands-on techniques will include solder paste application, adhesive application, hand and machine component placement, vapor phase reflow soldering, infrared reflow soldering, hot air reflow soldering, and chip wave soldering as well as hand soldering techniques.

This 40-hour course is scheduled for 31 January through 4 February at the Manufacturing Technology Training Center, 543 Graaf Street, Ridgecrest. The course is available to all interested personnel. To obtain information or to be scheduled for the class, contact the Manufacturing Technology Training Center at (619) 446-5571. (C2581)

RECERTIFICATION SOLDERING CLASS

Department of the Navy Policy requires certification of MIL-STD-2000 or the Navy 2M program for all personnel involved with soldering or inspection of soldering. Annual recertification is also required to maintain certified status. This includes personnel soldering on operational R&D and prototype equipment which will be carried on aircraft or involve personal safety. A 24-hour recertification class for high-reliability soldering to MIL-STD-2000 will be held 15 through 17 February from 0730 to 1630 at the Manufacturing Technology Training Center, 543 Graaf Street. This course is for government, contractor, or military personnel needing certification as operators (Category E or G). This course requires a current eye examination. To be scheduled for the class, contact the Manufacturing Technology Training Center at (619) 446-5571. After being scheduled into the certification course, government and military personnel should submit an Off-Center Training Request Via department channels. (C2581)

SOLDERING CLASS

Department of the Navy Policy requires certification of MIL-STD-2000 or the Navy 2M program for all personnel involved with soldering or inspection of soldering. This includes personnel soldering on operational R&D and prototype equipment which will be carried on aircraft or involve personal safety. A 40-hour high reliability operator soldering course to MIL-STD-2000 will be held 7 through 11 March from 0730 to 1630 at the Manufacturing Technology Training Center, 543 Graaf Street. This course is for government, contractor, or military personnel needing certification as operators (Category E or G). This course requires a current eye examination. To be scheduled for the class, contact the Manufacturing Technology Training Center at (619) 446-5571. After being scheduled into the certification course, government and military personnel should submit an Off-Center Training Request Via department channels. (C2581)

- Concepts and Policies
 - Overview of Acquisition Process with Emphasis on Production
 - Transforming Design Data into Manufacturing Data
 - Acquisition Assurance
 - Producibility/Manufacturability
 - Production Readiness/Reviews
 - Manufacturing Planning
 - Fabrication Process
 - Assembly Process
 - Inspection Process
 - Factory Testing
 - Non-Conforming Material Control Process
 - First Article Approval Process
- Deadline: **22 February.**

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

CAREER TRANSITION AND PLACEMENT CENTER (CTPC)

The primary purpose of the CTPC is to help employees take responsibility for their own careers by providing them with information and support. Services include vacancy information, computers and software to prepare SF-171s and resumes, career counseling, skills assessment and diagnostic assistance, information on career paths and education opportunities, retirement information and counseling, job clubs, networking, and support. The Center is located in the trailer behind the Training Center and is open for Civil Service employees from 1300-1600 each workday.

CAREER COUNSELING

One-on-one career counseling is available. Each non-payday Friday a Cerro Coso counselor 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. The following programs, inventories, and assessments are also available: Eureka, Discover, Strong-Campbell Interest Inventor, Temperament/Values Inventory, Career Assessment Inventory, Meyer/Briggs Inventory, and a Learning Skills Assessment program which help an individual to discover learning difficulties and focus on strengths to overcome those difficulties. To schedule an appointment, call 939-8126.

RETIREMENT COUNSELING

Retirement counseling is available by appointment at the Career Transition and Outplacement Center on Thursday mornings. Call John Powers at 939-2574 to schedule an appointment.

AMERICAN SIGN LANGUAGE BEGINNING ASL

25 January-26 May; Tuesdays and Thursdays, 1030-1130; Training Center Trailer. By: Terri Wall, C6111

INTERMEDIATE ASL

24 January-25 May; Mondays and Wednesdays, 1030-1130; Training Center Trailer. By: Matthew Beishline, C2142

ADVANCED ASL
24 January-25 May; Mondays and Wednesdays, 1230-1330; Training Center Trailer. By: Jeanie Salyer, C623 and Matthew Beishline, C2142
The purpose of these classes is to explore the world of manual communication, learn signs applicable to on-the-job situations, learn communication skills, master survival signs and courtesy signs, see others signing (deaf and hearing), learn about deaf culture, and learn specific signs applicable to your specific job situation. To enroll in one of these classes call Pat at 939-3159.

171 WRITING/UPDATE (3.5 hrs.)

2 February; Wednesday, 1230-1600; Training Center. By: Marie Duff, C622
Intended Audience: All persons interested in competing for positions at Edwards AFB or those trying to move off the unfunded list. This workshop will help participants both write and use an SF-171 effectively. The presentation style will walk you through the SF-171 with actual practice. By the end of the class, participants will understand what readers of 171s are looking for, be able to identify and describe meaningful portions of their work experiences, and be able to use the new computer version of the SF-171.
To enroll call Tammy 939-2451.

INTERPERSONAL COMMUNICATIONS (8 hrs.)

3 February; Thursday, 0800-1600; Training Center. By: Reid-Moomaugh & Associates
This course is focused on enhancing the ability to improve interpersonal communications through active listening skills, understanding and overcoming barriers, interpreting nonverbal communications, and focusing on methods to communicate effectively while maintaining the self-esteem of others. Participants will also identify their own communication style and demonstrate active listening skills.
To enroll call Pat at 939-3159.

ATTITUDES AND YOUR HEALTH (4 hrs.)

4 February; Friday, 1230-1630; Training Center. By: Dr. Wes Youngberg, Consultant
This seminar will address the mind-body connection most recently popularized by Bill Moyer's PBS series and book entitled "Healing and the Mind." Participants will learn how their attitudes influence predictable internal and external physiologic responses which greatly impact pathways toward health or illness. The seminar will conclude with practical guidelines and activities that promote health-enhancing attitudes.
To enroll call 939-2468.

SKILLS FOR CONFLICT RESOLUTION (8 hrs.)

4 February; Friday, 0800-1600; Training Center. By: Robin Reid and Michele Moomaugh, Consultants
This 1-day workshop will focus on increasing participants' ability to improve work relationships by understanding and managing conflict. Modules include topics such as identifying the early warning signals of conflict, understanding conflict styles, understanding the concepts of win-win negotiations, and enhancing work relationships both by applying conflict-resolution strategies and by better understanding others and their needs.
Note: To enroll or ask questions, call 939-2686.

FILES IMPROVEMENT AND RECORDS DISPOSITION (8 hrs.)

9-10 February; Wednesday-Thursday, 0800-1130; Training Center. By: Pam Williams, C6411
This class is designed to help recordkeepers understand and apply basic rules related to filing. Topics covered are standard filing procedures; eliminating needless filing; cross-referencing; indexing; and using filing aids such as color codes, labels, file guides, and recommended file folders. Use of the Navy Standard Subject Identification Code and the use of microfilming, identification of record material, disposal of records, and use of the Federal Records Centers for storage will be discussed. Enrollment is on a call-in basis only. To enroll call Sue at 939-2349.
Deadline: **4 February.**

PROCESS IMPROVEMENT (8 hrs.)

10 February; Thursday, 0800-1600; Training Center. By: Theresa Kann, Consultant
Intended Audience: All employees, but

APPLICATIONS FOR ACADEMIC FELLOWSHIPS ARE BEING ACCEPTED

The NAWCWPNs Fellowship Program (NFP) is seeking applications for long-term graduate and undergraduate level Fellowships (training off Center for a period of more than 120 consecutive working days). Applications are invited from NAWCWPNs and subordinate command employees at all sites for programs of study beginning fall 1994. To be eligible for a Fellowship, interested individuals should be employed at NAWCWPNs for at least 3 years at the time studies begin and, if applying for undergraduate level training, must be within 2 years of completing the undergraduate program.

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

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

The NAWCWPNs Fellowship Committee (NFC) will consider applications in any area of study that relates directly to NAWCWPNs critical skill needs. The primary criteria the NFC follows in determining when long-term training is used instead of after-hours, part-time, or short-term programs are as follows:

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

NAWCWPNs management has assessed the critical needs of their organizations. Those needs are: Chemist/Chemical Engineer (propellant formulation and processing, detonation physics, organic or polymer for energetic materials formulation, analytical chemistry, chemical synthesis); Physics (optical sciences, detonation physics, microwave/millimeter wave technologies); Materials Engineering (intermetallic reactions); Electronic Engineering (signal processing - hardware and algorithms, ANN, data fusion and compression, radar, RF, communications, guidance and controls, microwave and antennas, electromagnetic scattering, image processing, EO-IR systems, advanced electromagnetic computer modeling); Mechanical Engineering (structural, design with emphasis on prototype development and fabrication); Aerospace Engineering (aerodynamics); Computer Science (computational mechanics, virtual reality, digital filters, graphics, modeling, open system architecture, object-oriented software design, computer animation, relational database system design, electronic design relating to communication and digital signal processing and real-time applications); Software Engineering/Development (simulation and analysis); Micro-Electro-Mechanical Systems (MEMS) - design and testing; Systems Engineering; T&E Technologies in any engineering discipline; Production Engineering; and Logistics Management.

Training funds are available to cover the employee's salary (including MTP funding), tuition, and fees required for enrollment. The Academic Fellowship Office, C62204, will be responsible for supervision of employees while they are participating in the NFP.

Bill Bethke, Administrator of the NAWCWPNs Fellowship Program, will discuss the Fellowship Program in two presentations: Point Mugu on **8 February** from 0900 to 1100 at the Human Resources Development Division, Bldg. 5-1; and at China Lake on **9 February** from 0900 to 1100 in Mich Lab, Room 1000D. Mr. Bethke will cover Fellowship Program objectives, entitlements, eligibility, critical needs, application procedures, selection process, and funding. All interested employees are encouraged to attend.

Further details of the Fellowship Program and application forms are available from Bill Bethke or Sue Bristow of the Human Resources Development Division, C622 (939-2349). The deadline for submission of applications is **7 April**.

especially those working on process improvement teams.

This 1-day course teaches students to identify a process and break it into its component pieces. With this analysis done, the student will identify specific improvements to make and learn which improvement techniques to apply. The student will benefit by understanding how to create the greatest amount of improvement while making the least amount of change.

Note: To enroll or if you have any questions, call 939-2686.

WORD ON THE MACINTOSH, BEGINNING (16 hrs.)

14-15 February; Monday-Tuesday, 0800-1600; Training Center. By: Marjorie Hunter, C0239

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

In this course you will learn to use the Microsoft WORD program to create documents, move text between files using the clipboard and glossary, add, change, delete text, format using font and format, use the

spell-checking facility, paginate, print, and save documents.

Deadline: **31 January.**
To enroll call 939-0870.

BASIC SUPERVISION (40 hrs.)

14-18 February; Monday-Friday, 0800-1600; Training Center. By: Donna Eller Jones

Intended Audience: Supervisory personnel ONLY.

This course is required for first-level supervisors needing training in basic supervisory ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, will provide fundamental grounding in practical modern concepts of supervision. Topics to be covered are introduction, leadership, planning and organizing, problem solving, and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NAWC/NAWS personnel management, and a workshop summary.
To enroll or ask questions, call 939-2686.

NEW EMPLOYEE ORIENTATION (8 hrs.)

15 February; Tuesday, 0800-1600; Training Center. By: NAWCWPNs/NAWS Staff

Intended Audience: New employees.

This program starts with a welcome aboard and an overview. Other topics included in the program are prevention of sexual harassment; security; Employee Assistance Program; Wellness Program; Continuous Improvement Program (TQM); fraud, waste and abuse; and environmental awareness.

Note: If, as a new employee, you have a question regarding attendance of the program, call your Department office.

Your Department office will contact you about attending the orientation. If you wish to attend, ask your department to add you to their list.

Presentation Method: Seminar.
Deadline: **8 February.**

RESUMES (4 hrs.)

18 February; Friday, 0730-1130; Training Center. By: Bob Seles, Consultant

Students will learn how to assess personal skills, write an effective resume, and format a cover letter for submission to a non-government employer.
To enroll call Tammy at 939-2451.

MARKETING STRATEGIES (4 hrs.)

19 February; Saturday, 0800-1200; Training Center. By: Dana Adams, Weill Institute

Come to this hands-on workshop and learn how to market your product or service. A practical approach is used to match your product to the market. Learn how to recognize key strategies in buying behavior; the four elements of the marketing mix and how to optimize them; how to set prices; assorted competitive responses; and things they do not teach you in school—i.e., sales techniques and customer service.

Cost: **\$10 for non-civil servants; civil servants need to bring badge for verification.**

The SBDC is partially funded by the U.S. Small Business Administration under a cooperative agreement. The support given by the U.S. Small Business Administration does not constitute and express or imply endorsement of any of the co-sponsors or participants' opinions, products, or services. Special arrangements for the handicapped will be made if requested 15 days or more in advance of the program date.
To enroll call Tammy at 939-2451.

DATABASE DESIGN IN FILEMAKER PRO (16 hrs.)

22-23 February; Tuesday-Wednesday, 0800-1600; Training Center. By: Margie Hunter, C0239

This course will teach you how to create several databases beginning with a simple database and ending with a fairly complicated, fully automated database. Scripts will be written to complement many of the automated features assigned to a button. In other words, multiple tasks will be completed with one click of the mouse. Topics also covered are password protection and networking of databases. To enroll call Sue at 939-2349.
Deadline: **15 February.**

INCOME TAX PLANNING (2 hrs.)

23 February; Wednesday, 1630-1830; Training Center. By: Charla Green, Consultant

This course will focus on tax planning strategies for employees. Taxable, tax-deferred, and tax-free investments will be discussed with an emphasis on the Thrift Savings Plan and IRAs. Tax reduction methods, tax tips, and recent tax law changes will also be addressed. Time will be provided for questions.
To enroll call 939-2468.

POWERPOINT ON THE MACINTOSH (8 hrs.)

PLEASE NOTE THE DATE CHANGE.
24 February; 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 to. Topics include creating, editing, and printing presentation slides and charts.
To enroll call 939-0870.

C++ PROGRAMMING, INTERMEDIATE (40 hrs.)

28 February-4 March, Monday-Friday, 0800-1600; Training Center. By: John Francis, C2872

Prerequisite: The student must have a basic understanding of ANSI C programming syntax and an introduction to C++. This course is not for first-time C++ programmer.

This course focuses on the data structures and algorithm development in C++. Techniques of sorting, hashing, string-parsing, and pattern matching, collections of lists and queues, curve-fitting, and 2D graphics will be discussed. A interactive CASE tool will be used to help design and code the projects. Projects will be designed and implemented in C++. Some light outside work will be required. The lab projects are designed to be solved by a small working group.

Presentation Method: Lecture and Hands-On Workshop.
Deadline: **14 February.**

BUILDING COMMITMENT IN YOUR ORGANIZATION (16 hrs.)

1-2 March; Tuesday-Wednesday, 0730-1630; Training Center. By: Linda Andrews and Jack Latimer

This class provides a developmental process that will dramatically improve commitment in your organization. Extensive class exercises and interaction give each participant practical application of the principles and tools. Participants will learn how to analyze and solve problems, address and resolve conflicts, build collaborative partnerships, understand others, and build commitment in themselves and others to maximize performance and personal satisfaction.
To enroll or ask questions, call 939-2686.

HOW TO READ NIF 009 (3 hrs.)

8 March; Tuesday, 1230-1600; Training Center. By: Larry Wailes, DFAS-CL, 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.

INTERPERSONAL COMMUNICATIONS (16 hrs.)

9-10 March; Wednesday-Thursday, 0800-1600; Training Center. By: Marion Lapan, Consultant

This workshop will present workable techniques in dealing effectively with a wide variety of personality styles found in the work environment. Participants will identify problematic areas of communication and interaction and learn and practice specific skills to enhance one-on-one relationships as well as polish team-effectiveness skills.

Enrollment is on a call-in basis only. To enroll call Sue at 939-2349.
Deadline: **5 March.**

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

9, 10, 16, 17 March; Wednesdays-Thursdays, 0800-1600; Training Center. By: Center Staff

Intended Audience: New supervisors during the first-year probation period.

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

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

Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory training requirements for the probationary year for safety, security, ethics, and prevention of sexual harassment.
To enroll or ask questions, call 939-2686.

FACILITATOR TRAINING (16 hrs.)

14-15 March; Monday-Tuesday, 0800-1600; Training Center. By: DeLaPorte & Associates

Intended Audience: Anyone who leads a team or conducts meetings.

The role of facilitator is becoming more important as we move toward collaborative work efforts, team activities, and participative problem solving. During this 2-day skill-building workshop participants will learn how to (1) identify and deal with difficult behaviors; (2) use tools such as nominal group techniques, force field analysis, and storyboarding; (3) listen for understanding; (4) create comfort and safety for group members; and (5) remove barriers to full participation by each person.
To enroll or ask questions, call 939-2686.

DRUG-FREE WORKPLACE (4 hrs.)

16 March; Wednesday, 1300-1500; Training Center. By: Bob Fitzpatrick, C621

This 2-hour training session is designed to provide employees with general interest information about the Drug-Free Workplace Program (DFWP) training, the program policies, testing, procedures, effects of drug use, the role of the Employee Assistance Program (EAP), and typical drug abuse behaviors.

The nation is facing a drug crisis which has led the United States Government to institute the Drug-Free Workplace Program and to encourage the private sector to follow the government's lead. Employees may want to take this course to gain a better understanding of the DFWP and to become better informed about addiction because they are concerned about family members.

Note: Enrollments are on a walk-in basis only. No training request required.

For information or questions, call Pat at 939-3159.

EQUIPMENT CUSTODIAN (3 hrs.)

17 March; Thursday, 1300-1630; Training Center. By: Debra Schlick, C6335

This course is designed to familiarize Equipment Custodians with Accountability For Plant and Minor Property. It will also provide assistance and guidance in the use of equipment management forms. It will help Equipment Custodians to understand their duties and responsibilities regarding equipment and accountable assets.

Management responsibilities from equipment acquisitions through useful life and

CSU, BAKERSFIELD AND CSU, CHICO STUDENTS

The Upper Division Writing Competency Examination will be given **9 March**. CSU, Bakersfield and CSU, Chico undergraduate students may satisfy the writing competency requirements by passing this examination. CSU, Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to taking the exam. CSU, Chico undergraduate students planning to take CSCI 172:Systems Architecture must pass the writing exam prior to the beginning of the course. The examination fee is \$15. Checks must be made payable to CSU, Bakersfield. Contact Denise at 939-2648 to arrange to take the exam.

SECURITY CLASSES

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

8 February; Tuesday, 0730-1630; Training Center. By: Linda Hall

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

This course will provide information and exercises in classification, distribution statements, classified meetings, author's responsibilities, personnel security, and OPSEC. A brief discussion of computer security and COMSEC will be held.
To enroll call Cathey Mattox at 939-2612.

SECURITY FOR SUPERVISORS (8 hrs.)

15 February; Tuesday, 0800-1600; Training Center. By: Linda Hall

All supervisors now have security as a critical element in their performance plans. This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security, information security, personnel security and badging, computer security, physical security, operation security, and security education.
To enroll call Cathey Mattox at 939-2612.

COMPUTER SECURITY (8 hrs.)

22 March; Tuesday, 0800-1600; Training Center. By: Information Systems Security Office

This class is intended for employees who use a computer. Topics to be covered include data security, network security, TEMPEST, viruses, and computer issues specific to China Lake users.
To enroll call Cathey Mattox at 939-2612.

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

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

MEN AND WOMEN WORKING EFFECTIVELY TOGETHER (8 hrs.)

18 March; Friday, 0800-1600; Training Center. By: Dr. Priscilla Partridge de Garcia

During this interactive 1-day seminar, participants will gain greater understanding for how persons of the opposite sex think and how they problem solve. They will acquire practical skills which will enable greater understanding, better communications, and increased harmony in the work and home environment. The result could be a positive atmosphere where people can express their feelings and thoughts safely.

To enroll or ask questions, call 939-2686.