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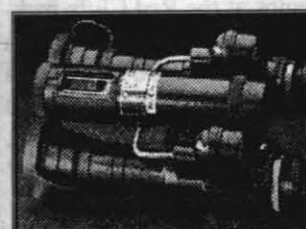


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This translator knows 4,000 words, 100 useful phrases, and foreign currency exchange rates in each of 7 different languages: English, French, German, Spanish, Italian, Portuguese & Dutch.

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Gray Scale Hand Held Scanner

Mfg Sugg Retail: \$229.99

This Mustek Scanner for PC features scanning resolutions between 100 & 800 dpi with 64 Scales of Gray and a 4.13" Scan width. Includes the acclaimed Perceive OCR software and the new ScanKit 256 Gray Scale Software.

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Apple's Newton

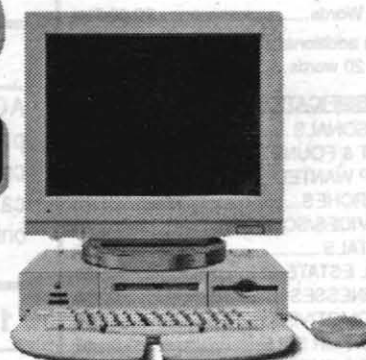
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WOW!
This Price Includes
the Complete Professional
Communications System
for Windows or Mac!

Quadra 610

\$2299

This Price Includes
Apple Quadra 610
with 8Mb Ram and
230Mb Hard Drive,
14" ColorPlus Display, Std Keyboard & Mouse.
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Clarix Works/Quicken Bundle for Only \$229.
Add it Up You'll See why Fedcom Computer
Center is still the Valley's #1 Computer Dealer.



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Mfg Sugg Retail: \$209.99

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\$69



437 Function Scientific Graphic Calculator

This Calculator is Powerful for Algebraic, Newton and Graphic Solutions. Features a Large High-Contrast Super Twist Screen, 16 Character by 8-Row display, shows detailed graphic solutions. 32K RAM stores equations, programs & other data. 14 digit accuracy. Includes printer port, protective hard case, solutions manual and batteries.

\$139



Fax/Modem/Phone Switch

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When a call comes in, this switch routes it to the correct receiver. You can even send a fax manually during phone calls and set a password that lets you receive faxes only from those people you have given the password to.

\$99

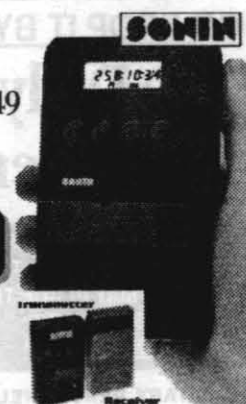


Electronic Measuring Device

Mfg Sugg Retail: \$149

Microprocessor Controlled Professional Measuring Device. Measures distances up to 150 feet with speed and accuracy. Simply aim the receiver at the electronic transmitter and it computes the distance between the two and displays it on the LCD. The instrument's two internal memories allow you to add or subtract distances, compute area volume, and add or subtract areas and volumes. Measures in feet/inches and meters/centimeters.

\$139



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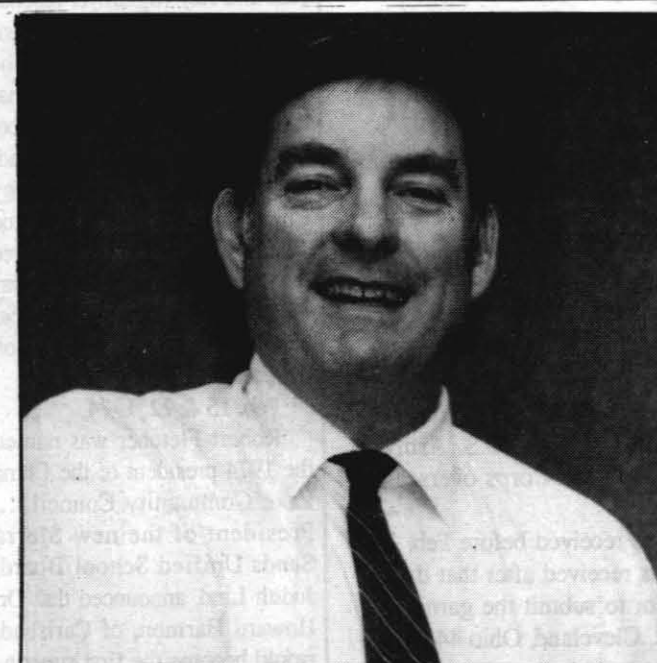
Ridgecrest Towne Centre
Next to Mervyn's & Stater Bros.

THE ROCKETEER

THURSDAY, FEBRUARY 24, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 4



Community stunned by the sudden passing of Dr. Jon A. Wunderlich

Dr. Jon A. Wunderlich, 48, head of the Intercept Weapons Department, died Tuesday morning at Loma Linda Medical Center following a short illness. A native of Los Angeles, Wunderlich had been at China Lake since 1971 and a Navy scientist since 1969.

Wunderlich is survived by his wife, Elaine, a division head in the Comptroller's Office and four children, Erik, Anastasia, Gianna and Nicholas.

Sterling Haaland, NAWCWPNS deputy commander for research and development, praised Wunderlich for his contributions to the Navy and as an outstanding family man. "He will be sorely missed."

He had led the department since 1991 when it was still part of the Naval Weapons Center. Wunderlich joined the Navy team with the Corona Laboratory in 1969 following graduation from Purdue University with a master's degree in solid-state physics. Earlier he earned a bachelor's degree in physics from Harvey Mudd College in Claremont.

When the Corona annex consolidated with NWC in 1971, Wunderlich moved to China Lake. He worked in the areas of missile simulation, infrared systems and measurements and radar-guided missile systems.

From 1982 until 1984 he was program manager for the AIM-RIM-7M Sparrow Missile program. He then moved to manage the NWC Cruise Missile Program. Under his leadership, NWC was the principal support laboratory for the missile, design agent for the fuze and unitary warhead and software support activity for Tomahawk land-attack variants.

Wunderlich's next assignment was as associate department head for the Fuze and Sensors Department. In 1988, he assumed the duties of technology base director and head of the technology advancement group, responsible for planning, coordinating and directing a \$100 million technology budget.

In 1986 Wunderlich received the L.T.E. Thompson Award for his contributions to the Sparrow and Cruise missile programs.

At press time funeral arrangements were pending.

McKinney sees his role as advocate for NAWCWPNS in change to CAO

Note: Shortly after taking command of NAWCWPNS, RAdm. Dana B. McKinney went to Washington, D.C., for three weeks. Now that he's back and he's been hailed aboard by the military community and welcomed by civic groups, The Rocketeer caught up with him for an introductory interview.

By Barry McDonald
Editor

That Dana B. McKinney wanted to be a Navy officer when he grew up was only natural—his father was a career naval officer. That McKinney attended and graduated from the University of California at Berkeley through the Naval Reserve Officer Training Program (NROTC) in the late 1960s, when anti-Vietnam War sentiment was high on campus, showed determination in his desire to become an officer. Twenty-four years later he's a rear admiral and commander of the Naval Air Warfare Center Weapons Division.

"(The protesters) generally left the ROTC students alone," he said. "We drilled on Thursdays and went to class in uniform, but they didn't bother us. They mostly focused on the building." There were regular futile efforts at fire bombing the building, shots were fired through the front door at night and a satchel charge, detonated at one of the doors,

damaged a library.

"It certainly made you think a lot about what you were doing," he said. "It wasn't a benign environment in which to start a military career. I think there were 19 guys that graduated in my class, so it wasn't very large. In Texas where they had four or five hundred in the total unit they graduated 120 at a time..."

"They had a different social structure," he added dryly. He noted that after he graduated an arson fire burnt the Berkeley ROTC building to the ground.

He graduated in 1969 with a bachelor's degree in political science, was commissioned and immediately headed for flight training. "I started out in marine biology and ended up in political science. As it turned out that degree wasn't very useful, but I knew I was going to be commissioned. I knew what I wanted to do was join the Navy and go fly airplanes, so at that point, any degree would do," he said with a chuckle. "In retrospect it probably would have been better to stay in marine biology. The nice thing about political science is that it requires a lot of reading and writing and that comes in very handy almost anywhere, but it wasn't very good preparation for my master's degree (from the Naval Post Graduate School, Monterey), which is a technical degree in operations research."

Please see **McKINNEY**, Page 11

Randall receives Superior Civilian Award for orderly closure of NWEF

By Peggy Shoaf
Staff Writer

Build it up, and a few years later tear it down. It wasn't that many years ago when Scott Randall, who was then technical director of the Naval Weapons Evaluation Facility in Albuquerque, New Mexico, received an award for building up the facility. Recently, he received the Navy Superior Civilian Service Award for his part in shutting it down. The award also recognized Randall's many other "significant" contributions during his 10-year tenure.

Capt. Roger K. Hull, vice commander of the Naval Air Warfare Center Weapons Division, presented Randall with the award in a special ceremony attended by friends and co-workers. Randall is currently the head of the Attack Weapons Department's Advanced Projects Office at China Lake.

ment's Advanced Projects Office at China Lake.

The NWEF employed about 250 people, half civilians and half military, Randall explained. Its mission was to ensure the safety and reliability of the Navy's nuclear weapons systems and provide the overall management of these systems from the design phase until they were retired.

"Capt. Hull and I had the . . . unfortunate privilege of having to shut down that facility," Randall said with remorse. "It was tabbed for closure by the Base Realignment and Closure Committee," he explained. "In addition to that, our primary mission was to manage the Navy's efforts in nuclear weapons. But the Navy, under President Bush's initiatives, essentially got out of the nuclear business. So most of the things we had been doing there, the Navy wasn't going to do any more."

Please see **RANDALL**, Page 14

Terry Mitchell honored with Meritorious Civilian Award

Head of TQL/Organization Change office is completely surprised

7

Jack Russell: From JP to head of Land Directorate

Veteran China Laker cherishes memories of early Shrike days and NSAP tour

8

Weather

	High	Low	Gusts	Humidity
February 9-15				
Wed	68	33	8	56-21%
Thurs	72	33	34	—
Fri	61	42	32	—
Sat	62	31	18	—
Sun	64	23	7	—
Mon	69	27	7	47-11%
Tues	71	25	8	42-12%
February 16-22				
Wed	69	39	14	40-13%
Thurs	63	46	28	75-34%
Fri	57	41	28	59-27%
Sat	54	28	25	—
Sun	59	40	23	—
Mon	63	28	21	—
Tues	64	29	11	72-21%



China Lake Calendar

Thursday, Feb. 24

•hIDEA National Engineers' Week Dinner, 6 p.m., Carriage Inn, Ridgecrest

Friday, March 4

•Deadline for applications for DAWIA Program Manager Course. See Page 19.

Saturday, March 5

•Seabee Ball, 6 p.m., Kerr McGee Center

Wednesday, March 9

•Town Meeting of NAVS residents, Seafarer Club, 7 p.m.

Friday, March 18

•Deadline for registering for golf tournaments. See Page 20.

Saturday, March 26

•Bluejacket of the Year Award Dinner, 6 p.m., Seafarer Club

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAAdm. Dana B. McKinney

VICE COMMANDER

Capt. Roger K. Hull

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

DEPUTY COMMANDER FOR TEST AND EVALUATION

Gerald Wroust

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. Charles A. Stevenson

Public Affairs Officer

CATHY PARTUSCH

Managing Editor

STEVE BOSTER

Editor

BARRY McDONALD

Staff Writer

PEGGY SHOAF

Staff

KATHI RAMONT

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Back gate now open flex Fridays

In an effort to complete its mission, Day & Zimmermann Services (formerly FD Services), the company that provides the NAVS China Lake security guards, is paying to keep the Naval Air Weapons Station China Lake back gate open on flex Fridays. Located on Richmond Road, the back gate will be open from 6 a.m. to 6 p.m. every flex Friday.

According to Roy Parris, head of the China Lake Safety and Security Department, the contracting company felt it would be cost effective for them to keep the back gate open at no cost to the government.

Law allows civilian pay garnishment

In Section 9 of Public Law No. 103-94, Hatch Act Reform Amendments of 1993, Congress has authorized the garnishment of Federal civilian employees' wages for most debts. Procedures to enact Section 9 of Public Law No. 103-94, garnishment of civilian employees' wages were put into place by the Defense Finance and Accounting Service as of Feb. 3, 1994.

The legal review of garnishments for debts for DoD civilians will be performed by the Defense Finance and Accounting Service - Cleveland Center, Office of General Counsel (DFAS-CL/DG), except for employees paid by the National Security Agency, U.S. Army Corps of Engineers, and Army, Navy, and Marine Corps overseas payroll offices.

All requests/court orders for garnishments received before Feb. 3 will be returned to the sender. Garnishments received after that date will be returned to the sender advising them to submit the garnishments to DFAS-CL/DGG, P.O. Box 998002, Cleveland, Ohio 44199-8002.

Meeting set for station residents

On Wednesday, March 9, there will be a town meeting for residents of Navy family housing at the Naval Air Weapons Station China Lake. The meeting will be held at the Seafarer Club starting at 7 p.m.

The purpose of the meeting is to collect family housing residents' ideas for the Neighborhoods of Excellence Comprehensive Plan for the revitalization of family housing. Topics of discussion will be ideas for the remodeling and landscaping of the homes and neighborhoods.

Attendance and participation by NAVS China Lake residents can be vital to the future quality of family housing at China Lake.

Surplus auction set for March 8

Local Auction 41-4682 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Tuesday, March 8. The auction will begin at 9 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid on some 225 items.

The items will be on display for inspection March 3, 4, and 7 from 7:30 a.m. to 2:30 p.m. and on March 8 from 7:30 to 9 a.m. A complete list as well as sales terms and conditions can be seen at Building 1073, Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on the sale date, provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money order, traveler's check and so forth). Unless otherwise specified, purchasers will have until March 16 to pay for and remove items.

Because the Defense Reutilization and Marketing Office is located within the Naval Air Weapons Station's interior security fence line, prospective bidders without a NAVS pass must stop at the main gate visitor's center and obtain a pass before coming aboard. Everyone must present photo identification and may be subject to vehicle inspection before being allowed entry onto the base.

Hours of operation at Sandquist Gate are 6-8 a.m., 11 a.m.-1 p.m. and 3-6 p.m. Those wishing to reach the DRMO at other times must use Lauritsen Gate. Both routes are indicated in the auction catalog. For further details, contact Phyllis at Building 1073, Code 97, or call 939-2502/2538.

The warehouse is unheated, so please dress accordingly.

Pages From The Past

Feb. 17 & 24, 1984

Air Traffic Controller Third Class Deborah Staples is representing NWC in the High Desert Military Person of the Year competition. . . Off-duty China Lake firefighters Doug Hall and Ray Rightmyer rescued two dogs from a burning residence on Bard Street. . . The Soldering Technology Seminar is attracting more than 700 people this year. . . A plastic-bonded explosive, developed by China Lakers Barbara Stott and Tucker Yee, has been approved for fleet use. Donna Gonder was elected president of the local Federal Managers Association Chapter.

Feb. 15 & 22, 1974

Robert Fletcher was named the 1974 president of the China Lake Community Council. . . President of the new Sierra Sands Unified School Board, Judith Lind, announced that Dr. Howard Harmon, of Carlsbad, would become the first superintendent for the new district. . . RAdm. E.J. Rupnik, assistant chief of the Navy Medical Bureau, visited NWC and Ridgecrest Medical facilities recently.

Feb. 21 & 28, 1964

Technology developed at NOTS Pasadena Annex will be used in undersea recovery efforts as deep as 2,200 feet below the surface. . . Harold Metcalf was named to chair the NOTS EEO Advisory Committee, succeeding John Cox. . . China Lake was featured on KHJ-TV (Channel 9) last Sunday. . . Bill Baker was appointed to head the new Procurement Management Division of the Supply Department. . . Members of NOTS' largest R&D department, Code 40, shared more than 100 awards during the past year.

Feb. 19 & 26

Commander Leo Roberts will chair the annual Red Cross Fund Drive starting March 1. . . NOTS will take part in a statewide air raid drill on Monday. . . Askania Cinetheodolites brought to NOTS from Germany, after World War II, are still the workhorse for optical tracking of missile tests. . . Capt. D.B. Young, NOTS Commander, announced plans for "sharp reductions" in Explosives Department personnel within four to six months. . . Albert Gould, assistant head of Central Staff, was honored with a life PTA membership by the China Lake group.

COMMUNITY EVENTS

Delivery of the February 26 Self Help and Resource Exchange (SHARE) packages will be at the Desert Empire Fairgrounds instead of Grace Lutheran Church. The food packages will be handed out from 10:30 a.m. to 12:30 p.m. At this same time, registration for March food packages will be taken. For every SHARE package purchased, a volunteer donates two hours community service and pays \$13 (in cash or food stamps), plus \$1 in transportation costs. SHARE does not accept personal checks for payment of food packages. For more information, call 371-6332 or 371-4487.

####

From Feb. 27 to March 5, the 250-foot replica of the Vietnam Veterans Memorial in Washington, D.C., the Moving Wall, will be on display at the Furnace Creek Inn & Ranch Resort in Death Valley.

Opening ceremonies will be held the afternoon of Feb. 27, coinciding with the 12th Annual Vietnam Veterans Death Valley Marathon and Parachute Jump. On March 5, Furnace Creek will close the event with a morning "rededication" ceremony.

####

Figure drawings and recent paintings by Los Angeles artist Thomas Reta will be on display in the Sylvia Winslow Exhibit Gallery of the Maturango Museum, March 5 through 29. A preview reception for members, March 4 from 7 to 9 p.m., will feature a talk and slide presentation by the artist. Admission to the museum is \$2 for adults and \$1 for children 6 to 17 years and seniors, 65 and up. There is no charge for museum members.

####

"A Poet Comes Home, A Musical Play," starring Thor Nielson as Hans

Christian Andersen, will be presented at 7:30 p.m. on Tuesday, March 8, at the NAVS China Lake Theater. Admission to the concert is by IWV Concert Association season or single-event ticket, which may be purchased at the Maturango Museum, Richer's Music and the Village Bookshelf. General admission (unreserved) is \$10. A reduced rate of \$7 is offered to active-duty military personnel and their dependents, as well as to persons under 21 or over 65. Tickets will be available at the door if the concert is not sold out. The theater box office opens at 4:45 p.m.; doors open for seating at 7. For more information call (619) 375-5600.

####

Lucy and her discoverer, Paleoanthropologist Dr. Donald C. Johanson, comes to the Maturango Museum live on satellite, Tuesday, March 8, from 9:30 to 11:30 a.m. Tickets are \$12.50 each, available at the Museum. Seating is limited to 50 people. Johanson discovered Lucy, a human ancestor from Ethiopia. This program will highlight Johanson's work and his discoveries in Ethiopia as recently as the fall of 1993. During the second half of the videoconference, Johanson will respond to live phoned-in questions from both students and his colleagues at universities, colleges and institutes across the country.

####

During March, the Red Rock Canyon Interpretive Association will sponsor a number of activities at Red Rock Canyon State Park (south of Ridgecrest, on Hwy. 14). Campfire programs and nature walks (unless otherwise noted) are presented in the Campfire Center at Red Rock Campground. Campfire programs, which start at 7 p.m., include: March 4, The Celestial Trail: A Nature Walk Through the Stars, by Ranger Mark Faulk; March 5, Zeolite Minerals of Red Rock, Ken Pringle; March 12, Desert Wildflowers, Janet Westbrook; March 18, Red Rock Rarities, Ranger Faulk; March 19, The Season of Color: Red Rock Canyon's Wildflowers, Faulk; and March 26, Birds of the Northern Mojave, Don Moore. Nature walks, which begin at 9 a.m., are scheduled for March 5, Desert Plants & Animals, by Mary Lou Mackenzie; March 6, Zeolites Up Close, Ken Pringle; March 12, Desert Plants & Animals, Mackenzie; March 13, The Spring Wildflower Show, Westbrook; March 20 (begins at the Red Cliffs parking area on the east side of Hwy 14, south of Abbott Drive), Where Do I Go From Here?, Ranger Bill Verdery; and March 27 (meet at campsite #7), Desert View, Verdery. For more information about planned activities, call (805) 942-0662.

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

5 LOST & FOUND

LOST CAT male, med. size, white & tan tabby. Missing two canine teeth, but otherwise quite presentable. Last seen at 1 Enterprise, on 2/11, wearing nothing but a flea collar. Any info. on his whereabouts would be greatly appreciated. I suspect he is coyote fodder, but hope not. Phone the Admiral at 939-2201/2202 or 927-3232. (0224)

10 HELP WANTED

AGGRESSIVE, self motivated people needed for an up and coming company. For more info. call 446-5831. Serious inquiries only! Ask for Sam! (0224)

15 SERVICES/SCHOOLS

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

15 SERVICES/SCHOOLS

FULL TIME Opening in lic. day care home. For preschooler over age 2. Meals & snacks prov. Hours 6:30 a.m.-5:30 p.m. 371-4298. Lic. #150407939. (0310)

20 RENTALS

2 BR. APT. UPSTAIRS. refrig., range, D/W, GD, garage, balcony, sm. back yard. \$400 mo. Call Dave 384-3283. (0224)

VERY NICE, Clean 2 BR apt, Gar, w/d hookups, sm fncd yd, f/p, dishwasher, refrig. 641 A Commercial Ave. Trash paid. \$425/mo + \$425 sec/ 371-4606 (0224)

2BR TRIPLEX fenced yd., f/p, ceiling fans, garbage disp., d/w, att. garage with w/d hookups, trash pd. \$450/mo. 371-2238. (0224)

MILITARY WELCOME! NEW 2BR, 1BA, w/d hkps, near main gate. G/D, D/W, Lrg. backyard. \$360/mo. \$ sec. dep. 375-7049. (0224)

25 REAL ESTATE

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

35 AUTOMOTIVE

1985, FULLY LOADED Grand Marquis LS w/power windows, door locks, steering, etc. High quality stereo w/cassette deck, auto headlight system and much more. Repainted last year. Glossy black multi-coat finish with red pin stripes. \$4500.00/OBO (Note: SMOG Cert. Included) Call Gerry 375-1519 evenings/ Fridays/ weekends or 939-9012 other. Leave a message, if necessary, and I will call back.

1981 TOYOTA long bed pickup truck. Good reliable transportation. Only 118,000 miles. Well maintained. \$1800.00/OBO (Note: SMOG Cert. included) Call Gerry 375-1519 evenings/ Fridays/ weekends or 939-9012 other. Leave a message, if necessary, and I will call back.

40 MISC. FOR SALE

USED REFRIGERATOR, approx. 19 cu ft w/top freezer \$150.00 Call Gerry 375-1519 evenings, Fridays, weekends or 939-9012 other. Leave a message, if necessary, and I will call back.

CONVERTED CALIFORNIA King waterbed. Solid wood bookshelf frame, sturdy w/side rails. Quality box spring and mattress. A good price at \$250.00. Must see to appreciate. Call Gerry 375-1519 evenings/ Fridays/ weekends or 939-9012 other. Leave a message, if necessary, and I will call back.

BACK AND ABDOMEN workout machine. Paid \$99.00 but will sacrifice for \$59.00 Call Gerry 375-1519 evenings/ Fridays/ weekends or 939-9012 other. Leave a message, if necessary, and I will call back.

9 CU. FT. CHEST FREEZER.. Working condition \$10.00 446-

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Tuesday-Friday	11 a.m. to 8 p.m.
Open Flex Friday	
Saturday & Sunday	9 a.m. to 6 p.m.
Closed Mondays	
John Piroka, Manager	
Bowling Center	939-3471
Snack Bar	939-8865
Monday-Friday	11 a.m. to 8 p.m.
Saturday, Sunday & Holiday	1 p.m. to 9 p.m.
John Piroka, Manager	
Child Development Centers	939-6681
Monday-Friday	6:30 a.m. to 5:30 p.m.
Closed Flex Friday	
Debra Oliver, Manager	
Craftech & Information, Ticket & Tour	939-3252
Monday-Thursday	10 a.m. to 7 p.m.
Friday	10 a.m. to 3 p.m.
Saturday	10 a.m. to 3 p.m.
Sunday	Closed
Pat Piroka, Manager	
Family Child Care (FCC)	939-6681
Janet Presley, Coordinator	
Golf Course	939-2990
Daily	6 a.m. to dusk
Snack Bar	939-2563
Monday	6 a.m. to 9:30 p.m.
Tuesday-Thursday	6 a.m. to 6 p.m.
Friday-Saturday	6 a.m. to 7 p.m.
Sunday	6 a.m. to 6 p.m.
Tom Page, Manager	
Gymnasium	939-2334
Monday-Friday	5:30 a.m. to 9:30 p.m.
Flex Friday	Open
Saturday	8 a.m. to 9:30 p.m.
Sunday & Holidays	11 a.m. to 6 p.m.
Clear lane hours vary, depending upon the type of equipment being checked out.	
Elaine Jackson, Sports/Fitness Manager	
Karen Rivers, Gym Manager	
Library	939-2595
Monday-Thursday	11 a.m. to 8 p.m.
Friday & Saturday	Closed
Sunday	10 a.m. to 6 p.m.
Elizabeth Shaeffer, Librarian	
Main Office	939-2010
Monday-Friday	7 a.m. to 5 p.m.
Closed Flex Friday	939-3980
Pools	
China Lake Community Pool	927-3721
Solar Park Pool	939-3980
Hours are seasonal. Call the gym for specific hours.	
Wendy Borge, Coordinator	
SATO Leisure Travel	446-7751
Monday-Thursday	8:30 a.m. to 5 p.m.
Flex Friday	8:30 a.m. to 5 p.m.
Non-flex Friday	10 a.m. to 2 p.m.
Sherry Clark, Manager	
Seafarer Club	939-8658
Office	
Monday-Friday	8 a.m. to 4 p.m.
Flex Friday	Closed
CPO Lounge	
Monday-Thursday	3:30 to 9 p.m.
Friday	3:30 p.m. to 9 p.m.
Flex Friday	Closed
Pizza Sports Bar-Freddy's Place	939-2581
Sunday-Wednesday	3 p.m. to 10 p.m.
Thursday-Friday	3 p.m. to 11 p.m.
Pizza/Sandwich Delivery Hours (with a minimum order of \$10)	
Lunch	11 a.m. to 1 p.m.
Evening	5 p.m. to 9 p.m.
Barbecue Bar	939-3166
Wednesday & Friday	4:30 to 11:30 p.m.
Thursday, Flex Friday Week	4:30 to 11:30 p.m.
Amnette Carrington, Acting Manager	
Stables	939-3471
John Piroka, Manager	
Youth Center	939-2909
Monday-Friday	6:15 a.m. to 5:45 p.m.
Flex Friday	Closed
Saturday-Sunday	12 p.m. to 3 p.m.
Loy Vincent, Manager	
MWR	
Tom Blackmore, Director, MWR	
Sonja Johnson, Deputy Director	

MWR calendar

Saturday, Feb. 26

•Art Demo, 10 a.m. to 1 p.m.

Craftech
•Varsity Softball Meeting, 10 a.m.
Shoeffel Field

March 9-22

•Youth soccer league registration,
Youth Center

March 15-21

•Roller hockey league registration, for
youth and adults, Youth Center
March 15-21

Youth Center/Child Care...

Youth Soccer

Youth five to 14 years of age are invited to join the Youth Soccer League sponsored by Youth Activities. A girls team, comprised of players from 15 to 17 years of age, will be started if enough people sign-up. Registration will be taken at the Youth Center from March 8 through March 22.

Evaluations will be held at Davidove Field March 22 for five to seven year olds, March 23 for eight to 10 year olds and March 24 for 11 to 17 year olds. All evaluations will start at 5 p.m.

Cost for military dependents is \$18 for the first player in an immediate family and \$16 for the second player. Fees for DoD

dependents are \$21 and \$19, respectively; while fees for all others are \$23 and \$21.

A reversible, yellow and blue jersey is required for all players. Jerseys may be purchased at the Youth Center for \$12 each.

Adults interested in coaching a team or refereeing games must attend the Coach and Referee Meeting set for 6 p.m. on March 30 at the Youth Center. Attendance at this meeting is mandatory for all coaches.

Parents and players will be notified of team placement after the coaches' meeting.

Games will be played April 9 through May 28. No games will be played on legal holidays.

Roller Hockey (youth/ adult)

Sports/ Gymnasium...

Aquacize

Aquacize in the newly renovated indoor pool at the NAWS China Lake Gymnasium. Classes will be held from 9 to 10 a.m. and from 5:30 to 6:30 p.m. on Tuesdays, Wednesdays and Thursdays. Ideal for nonswimmers, this water exercise program will be lead by Joan Renner.

The monthly cost is \$18 for military personnel and dependents, \$21 for DoD personnel and dependents and \$24 for all others.

Craftech/ITT

Art Demo

Don Bandfield, a certified art instructor, will hold an Art Demo at the NAWS China Lake Craftech Center on Saturday, Feb. 26, from 10 a.m. to 1 p.m.

Bandfield will demonstrate the "Alexander Oil Painting Method."

This demonstration will show beginners, as well as advanced painters, the products and tools that will allow them to complete a work of art in only one day!

Refreshments and door prizes will be available.

For more information, call 939-3252.

Knott's Berry Farm

Save up to \$9.60 a person on military year round discount tickets to Knott's Berry Farm. The price is only \$18.35 per adult ticket and \$11.65 per child ticket (3 to 11 years of age) for military and DoD personnel. The regular admission prices are \$26.95 and \$15.95, respectively.

The discount tickets are available at the Craftech Center.

In addition, Knott's is offering a birthday special. Come to Knott's on your birthday and

The daily cost is \$2.50 for military personnel and their dependents, \$3 for DoD personnel and their dependents and \$3.50 for all others. For more information, call 939-2334.

Varsity Softball Meeting

Any military personnel interested in trying out or helping with the NAWS China Lake Varsity Softball Team, is invited to the Varsity Softball Meeting set for 10 a.m. on Saturday, Feb. 26, at the NAWS Schoeffel Softball Field. If the weather is inclement,

get in free! Just present proof of birthdate at Knott's Guest Relations. (Not valid for special ticketed events.)

For more information, call Craftech at 939-3252.

Renaissance Pleasure Faire

Craftech also has tickets to the Renaissance Pleasure Faire, which will take place in the Glen Helen Regional Park (in San Bernardino) April 16 through June 5.

Use the calendar of events printed below to plan your visits to the faire.

•Opening Revels, April 16-17

Be among the first to celebrate spring-time merriment! Wear an Elizabethan mask any day of the faire and compete for prizes.

•Celebration of Shakespeare's birthday, April 23-24

During this time, there will be a children's sonnet competition, with the subject "The Four Seasons." Attendees will also enjoy rousing theatre in 17 theatrical environments.

•Rites of Spring, April 30-May 1

During these two days, there will be a competition of Elizabethan foods and a celebration of the ancient traditions of springtime, including Maypole dancing.

Sign-ups for the Spring Roller Hockey Season runs from March 15 through March 21. This league is open to people nine years of age through adult. A draft for all players in the Pee Wee League will be held at 6 p.m. on March 23. Senior League players will be drafted at 6 p.m. on March 24.

Cost for military players and dependents is \$18 for the first player in an immediate family and \$16 for the second. DoD fees are \$21 and 19, respectively; while all others will pay \$23 and \$21.

A coach and referee meeting will be held at 6 p.m. on March 22 at the Youth Center. This class is mandatory for all coaches.

For more information on either league, call 939-2909.

the meeting will move to the Gym Annex.

For additional information about the team or the meeting, call Manny Giron (Beeper No. 371-6342), or Karen Rivers, gym manager, at 939-2571.

Golf Tournament

The 1994 Players West Pro-Am and Women's Classic Golf Tournament will be held at the China Lake Golf Course March 27-30. Full story covered in Sports, Page 20.

•Celebrations for Mother's Day, May 7-8

Create a present for your mother at the School of Traditional Crafts—favor her with a basket, pomander, embroidery and so forth.

•Trooping of Her Majesty's Forces, May 14-15

Cheer for your favorites during the daily jousts and enjoy the Elizabethan costume competition on Sunday and the battle pageant rages on ship and shore during the mid-day entertainment.

•Holiday of Good Spirits, May 21-22

In addition to a daily afternoon wine tasting in the garden, enjoy the Renaissance amateur homebrewing competition on Sunday.

•Festival of Fools, May 28-30

This is a three-day "Holiday of Misrule." Follow the fool's parade through the shire and watch as the grand prizes are awarded in the Elizabethan masking competition.

•Celebrate a Marketplace of Fine Crafts, June 4-5

Masterpiece award medallions will honor the finest wares and performers of the faire. On Sunday, join the final Grand Ring-Out Procession at 6 p.m.

Maps to the faire are available at Craftech.

Chiefs retire

CMC Jerry Morrison packs it in after serving 23 years reserve duty with China Lake Seabees

Capping a 23-year reserve career with the Seabees, Construction Mechanic Chief Jerry L. Morrison received a gold star in lieu of a second award of the Navy Achievement Medal at his retirement ceremony Feb. 12 at the Seabee Training Park on South Lauritsen. The NAM came in recognition of Morrison's service as leading chief petty officer and assistant officer-in-charge (OIC) of Detachment 0217 of Naval Mobile Construction Battalion 17.

"In his continuing display of superior performance, Chief Morrison coordinated battalion exercises that saved the Navy more than \$25,000 in direct labor costs and almost a quarter of a million dollars in IDTT funds that would have been required to support the training accomplished," Cdr. A.B. Goodman, CO of NMCB-17, wrote in the citation. "Developing an aggressive recruiting program, Chief Morrison utilized local television, radio and print media to attract new recruits into the Seabees. He was instrumental in informing detachment personnel of pre-deployment/mobilization requirements as well as playing a key role in the success of the Sea Dragon Exercise."

After presenting the NAM, Lt. Matt Snyder, Detachment 0217 OIC, read the retired reserve letter of appreciation that he authored. Besides the two positions mentioned in the NAM certificate, Lt. Snyder noted that Morrison had begun his Seabee career as field and shop mechanic and had also served as public

affairs representative, acting battalion public affairs officer, Alpha Repair Part LPO and Alpha Company chief.

"Your excellent administrative skills, attention to detail and positive attitude greatly enhanced the month-to-month operations of the China Lake detachment," Snyder wrote. "As leading petty officer of Alpha Repair Parts, your initiated the monthly shelf-life tickler file and developed a 'flag' system for the hazardous material stored in the repair parts storeroom. During the last Sea Dragon exercise you were responsible for organizing and operating the Alpha Company function, which resulted in a highly successful sea echelon training event."

The letter also lauded Morrison for his public awareness efforts while serving as the battalion's acting PAO.

Besides the two awards of the NAM, the letter notes Morrison other decorations, including the Navy Battle "E," Navy Meritorious Service Medal with silver star, National Defense Service Medal with bronze star and other awards and medals.

Head of the Self-Help Program Office in his civilian job, Morrison shared his retirement with some 80 friends, battalion members—some from Port Huneme—and co-workers, including Public Works Officer Cdr. Andy Ritchie. When it was his turn to speak, Morrison choked up and had to ad lib, ignoring his prepared remarks. He thanked all of those present and said he



Photo by PHC (SW) J.T. Christian, VX-5

COUSINS—Really just good ol' buddies, CMC Paul E. Jones presents a shadow box of career memorabilia to CMC Jerry Morrison at his retirement ceremony.

was grateful for the many challenges and opportunities for travel and job assignments.

"I've had the good fortune to be deployed to places like CBC Port Huneme, Gulf Port, Barking Sands, Hawaii, the Panama Canal, and of course really nice places, like Twentynine Palms, Camp Shelby and Camp 'Swampy,'" he said. He went on to express his pride at being a Seabee, saying the members of Battalion 17 are the best, and those at China Lake are "the

greatest." He concluded his remarks by thanking his wife, Marie, "who has given me her total support and tons of loving understanding."

The emcee was MSC Bob Voigt. AMH2 William A. Henderson blew Morrison ashore on the boatswain's whistle and CM2 Pete Weydert was the bell ringer. Following the ceremony there was a reception barbecue, very well organized and prepared, according to Morrison, by MSC Mike Hall.

AFCM Sunseri ends island-desert career

Entering the Navy more than 21 years ago, AFCM (AW/NAC) Frank J. Sunseri Jr. attended recruit training at NTC San Diego and then began what could be described as an island-desert tour. The one-time NAWS command master chief retired from the Navy Jan. 11 at a ceremony at the China Lake Weapons Exhibit Center.

His first duty assignment was with Commander Fleet Air Western Pacific in Atsugi, Japan.

He then served three consecutive tours at NAS Whidbey Island, Wash., with Tactical Electronic Warfare Squadron (VAQ) 133, Naval Maintenance Training Group 1000 D, and VAQ-132. AFCM Sunseri left Whidbey for a tour with Fleet Air Reconnaissance Squadron 3 at NAS Barbers Point, Hawaii, but returned to the Washington island to serve with VAQ-137.

After island hopping for 19 years he came down in the desert—at the then Naval Weapons Center, China Lake, in December 1991.

He reported as the quality assurance master chief, then became Line Division officer and served as interim command master chief between AVCM Billy Keeler, who retired in March 1993, and the

current CMC, STGCM Andy Anderson, who arrived in May 1993.

"During your tour of duty at the NAWS, you demonstrated the highest degree of dedication and professionalism in the execution of your duties," wrote Capt. Charles A. Stevenson, NAWS CO, in the letter of appreciation. "Your daily interaction with all levels of the command was your hallmark. Your positive attitude and assistance to military members and civilian employees greatly enhanced communications and understanding throughout the NAWS. Your 'people come first' policy has spread throughout the Station."

Sunseri had designations as both a naval aircrewman and enlisted aviation warfare specialist, and his long list of decorations includes the Navy Commendation Medal with a gold star, Navy Achievement Medal with two gold stars, Navy Unit Commendation Ribbon, Meritorious Unit Commendation Ribbon, Battle Efficiency Ribbon with wreathed "E," and various other awards and expeditionary and service medals.

Sunseri has returned to the state of Washington where he intends to pursue a retail career.



WHISTLED ASHORE—AFCM (SW/NAC) Frank J. Sunseri salutes sideboys as he walks into civilian life.

Chiefs party

IWV Chief Petty Officer Association hosts first CPO ball in five years

By PHC (SW) J.T. Christian
Air Test and Evaluation Squadron Five

More than 50 active duty and retired chief petty officers and their dates attended the first CPO Ball held in the Ridgecrest area in five years.

Sponsored by the Indian Wells Valley Chief Petty Officer Association, the event was held at the Seafarer Club, Saturday, Feb. 12. In addition to the Navy chiefs in attendance, several E-7 through E-9 members of the Air Force and the Marine Corps were present, as were invited guests NAWCWPNS Commander RAdm. Dana B. McKinney, NAWS CO Capt. Charles A. Stevenson and XO Cdr. John B. Mills.

The evening included no-host cocktails, dinner and the keynote speech

delivered by CSCM Wallace E. "Wall" Baker, USN retired, past national president of the Fleet Reserve Association, who resides in Ridgecrest.

Commenting on the unique nature of the Navy's chief petty officer, the 101-year history of the chief's ranks and a few of the many positive contributions chiefs have made, Baker's witty and experienced observations were warmly received by his audience.

After Baker's closing remarks on the Fleet Reserve Association, Master of Ceremonies STGCM (SW) Andy Anderson, NAWS command master chief, called Capt. Stevenson to the podium. The CO briefly remarked on beneficial encounters with CPOs throughout his career.

After enjoying a prime rib dinner, the chiefs and their guests rounded out the

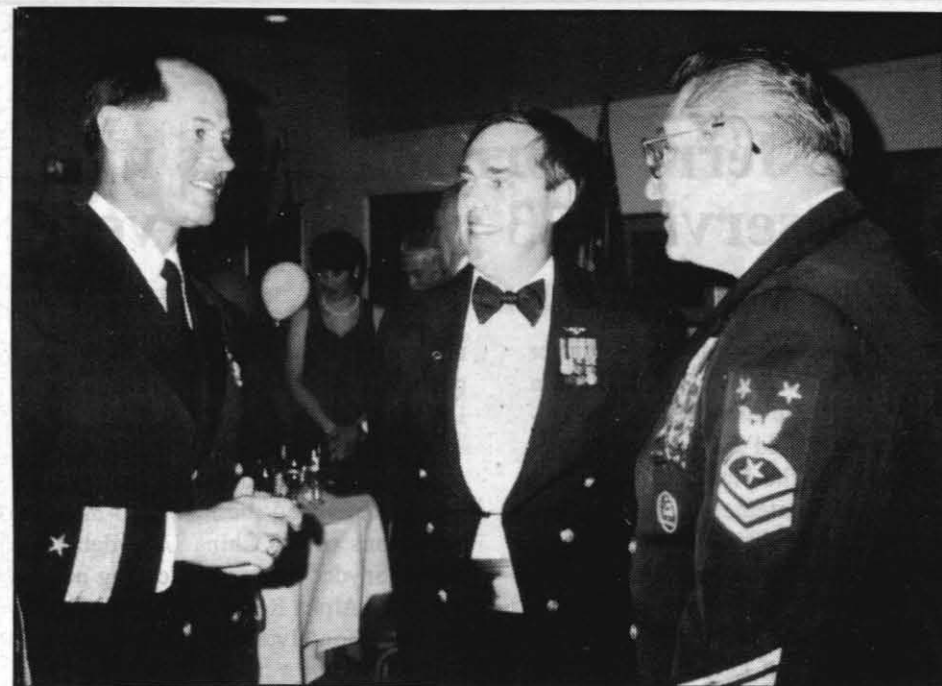


Photo by PHC (SW) J.T. Christian, VX-5

THE BRASS—RAdm. Dana B. McKinney, NAWCWPNS commander (left), and Capt. Charles A. Stevenson, NAWS CO, chatted with STGCM (SW) Andy Anderson, NAWS command master chief (right), at CPO Ball. A variety of retired and active duty Air Force and Marine Corps members also attended.

evening with music and dancing.

Many comments were heard to echo the sentiments of IWVCOA President

ATC Barry Umphrey, who said, "I don't think we'll wait another five years to put this on again."

These were words it was supposed she did not know. Katie was snapping like an animal. She bit the nurse on the wrist and sent an angry fist flush into the face of an



Love is not enough The story of Katie

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

A few years ago a woman named Margaret Stern Mattisson shared with us a shattering episode from her own life. She called her story, published in Reader's Digest, "Love Is Not Enough." The summary line beneath the title read: "Our daughter was bright, loving, popular, successful—'perfect,' we felt, in every way. And then one awful night she tried to end her life."

Margaret Mattisson very courageously told the story of their child, Katie, the ideal daughter. She told of the unexpected phone call which came to the church hall during the production of a musical in which Margaret Mattisson was play-

ing a part. It was Katie gasping, struggling: "Mother, come home...I've taken sleeping... sleeping... sleep..." Then the crash of the phone and Katie to the floor, the frantic phone calls to neighbors, the ambulance siren, the white hospital sheets and the still, unconscious form of Katie, the perfect daughter, who tried to end her life. The unspoken question that ached in her mother and father at her bedside was: Why?

Fortunately Katie did revive. But when she sat up in the first glimmerings of consciousness, it was anger, not pathos, that spewed from her: an astonishing array of angry, vulgar epithets. Katie had never, never sworn before.

intern, bloodying his nose. New curses, kicks, and angry screams.

Hours later, after waking from a sedated sleep, Katie whispered: "I sort of remember...I hated everything, everything."

"Us, Katie? Mostly us?" Katie's father asked.

"No. Mostly me," she said, closing her eyes.

Later the staff psychiatrist visited Katie and reported to the bewildered parents: "Katie is a very upset young woman. She doesn't think much of herself. That's why she took the sleeping pills."

But she's wonderful—always has

been," the distraught Margaret Mattisson blurted out. "She must know it!"

The doctor remained calm. "She knows you thought so, and she tried to be, felt she had to be, what you thought she was. That's what she was telling us last night."

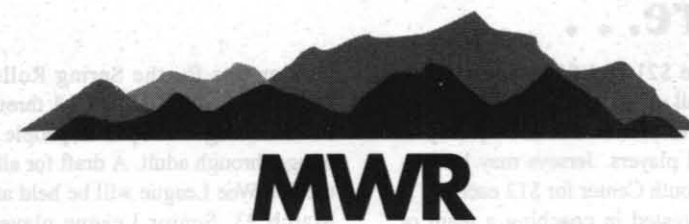
"Why didn't she tell it to us before? We always talked," the puzzled mother asked.

"She didn't want to disappoint you—didn't want anyone to think she wasn't as nice as they all thought she was. We all want to be loved you know. She thought acting nice is what made people love her—even her parents. She doesn't think she is a person so dying doesn't matter."

Katie's parents responded that they had loved her and asked how it was possible that Katie could hate herself.

The doctor replied: "Love is not enough. You can't exist as the reflection of someone's love. You have to be your own person."

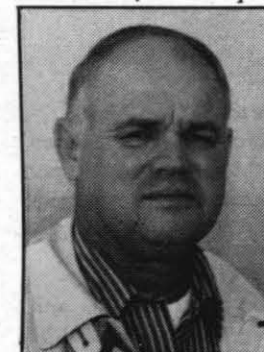
Please see **CHAPEL CALL**, Page 6



THE INSIDER

Nine divisions strive for higher quality of life

(Editor's note: This is the second article in a series covering the Morale, Welfare and Recreation Department. In this article, the MWR organization will be addressed. This is only an overview, not a complete list of all MWR activities.)



Tom Blackmore

A relatively large organization, the NAWS China Lake MWR Department is divided into nine divisions, which are broken into subsections. Tom Blackmore, the MWR director, has overall management responsibility for the department, which normally employs 190 personnel. This number increases during the summer months.



Sonja Johnson

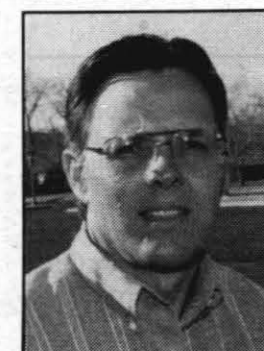
The Administrative Services Division is led by Sonja Johnson, who is also the department's deputy director and administrative officer and business manager. This division is a support element for the entire MWR Department and provides budget and accounting functions for nonappropriated and appropriated funds. The Administrative Services Division is in charge of six support elements.

The NAF Finance Office publishes a monthly operating statement for each of the 28 MWR activities at China Lake and a consolidated statement for the entire department. Johnson noted this statement is the department's report card, as it is the nonappropriated fund profit and loss statement. Falling under the NAF Finance Office are the procurement and central cashier support elements.

Charged with upkeep of MWR's buildings, facilities (such as the ball fields) and equipment, the Maintenance Division works closely with Public Works employees.

Coordinating and executing all publicity, advertising and promotional activities in support of the department is the responsibility of the Publicity Branch. The special events coordinator ensures special programs, i.e. the Holiday Program, are handled in the best way possible.

All MWR non-appropriated fund employees have their payroll and personnel issues handled by trained specialists within the Administrative Division.



Loy Vincent

Managed by Loy Vincent, the Youth Activities Center serves children in kindergarten through 17 years of age in a variety of programs. Before and after school, summer day camp and other special activities are provided for military and DoD dependents. Intramural sports leagues (soccer, roller hockey, volleyball and basketball) are available throughout the year. An extensive summer program is available that provides youth with activities such as bowling; golf; ceramics; dance; tennis; special one-day trips; and soccer, roller hockey and basketball camps. The Youth Activities Center houses a roller skating rink, basketball/volleyball court and space for a variety of

crafts, games, dances and other leisure activities. Future expansion plans include a teen club building and a separate building for the Before and After School Program.



Annette Carrington

The Seafarer Club (which includes the dining room and ballroom) houses Freddy's Pizza and Sports Bar and the CPO Lounge. The Barefoot Bar, located inside the Exhibit Center building, is also run by the Seafarer Club. Catering and bingo are other elements that compose the department's Clubs Division, headed by Annette Carrington as acting manager. During normal operation, the club's main dining room serves up to 100 patrons. The ballroom, with a seating

capacity of 400, is used for command functions, military retirements, wedding receptions and private parties. Freddy's Pizza and Sports Bar is open seven days a week and provides pizza deliveries on base. The CPO Lounge and the Barefoot Bar is available for relaxation and camaraderie for active duty, retirees and DoD patrons and their families.



Elaine Jackson

Elaine Jackson heads the Sports Division, which includes several activities.

The NAWS China Lake Gymnasium is managed under the Sports Division. It includes gear issue of recreation equipment; a weight room with Universal, Nautilus and cardiovascular equipment; one full-size basketball court, three racquetball courts and one indoor pool.

The second activity includes three parks with picnic and play equipment, three softball fields (fast and slow pitch), one adult baseball field, three soccer fields, seven lighted tennis courts (one of which is in the housing area) and one soccer/flag football field. All but one of the soccer fields are lighted.

The division also provides an adult sports program for military and DoD employees, which includes softball, flag football, racquetball, basketball and oversees the military varsity sports.

There are two outdoor swimming pools that are used on base during the summer months. One is located at Solar Park (next to the Seafarer Club) and the other, the China Lake Community Pool, is at the China Lake Weapons Exhibit Center. In addition to daily use, the pools are used for private parties after hours by the Seafarer Club for special social events and by the local swim club for practice and swim meets.



Debra Oliver

Debra Oliver manages the Child Development Center. The center is housed in five structures and has the capacity of housing 142 children. It offers full- and part-time care and preschool activities for military and DoD dependents. Although this program is formally recognized for its high quality child care services (it just received its third consecutive excellent rating, the highest possible from the BuPers surprise inspection party), it is operated in 40-year-old converted barracks. NAWS China Lake is scheduled to have a new Child Development Center built in fiscal year 1998

under funds provided by MILCON Project P-356. This program was the first DoD child development center program to receive accreditation and re-accreditation.



Pat Piroksa

Pat Piroksa handles the Craftech/ITT Office, which provides ceramics and porcelain resale, classes, firing and work space for patrons. Classes offered include painting, drawing and woodshop. The wood working area is complete, with all major equipment. Craftech's gift shop offers NAWS and NAWC memorabilia, as well as cups, patches, caps, t-shirts and jackets made in the shop. Special ordering of award plaques, certificates or other items not found on the shelf is available. ITT is located inside the Craftech facility and provides discount tickets, brochures, fliers, newsletters, maps and hotel guides for the Southern California area.

The China Lake Golf Course is headed by Tom Page, a certified PGA professional. The 18-hole, Par 72 golf course covers 248 acres. It has four sets of teeing areas, two for men and two for women. Four of the holes are Par 3, 10 are Par 4 and four are Par 5. The course hosts many tournaments, including the U.S. Navy Southern Pacific Sports Conference Invitational Golf Championships, The Players West Women's Professional Golf Tour and many local tournaments. It is open year round for play. The facility has a practice putting green, an 1800 square foot chipping green, a driving range to accommodate 20 patrons and locker rooms for men and women.



Tom Page

The pro shop is well stocked, but has the capability to special order golf merchandise and to meet all the needs of the golfing patron.

Food and beverage are available at the Golf Course Snack Bar, which offers a country club style setting.



Elizabeth Shanteler

Managed by Elizabeth Shanteler, the China Lake Community Library serves approximately 20,000 active duty and retired military and DoD personnel and their dependents. Ninety-six percent of the military personnel assigned to China Lake are registered patrons. The book collection emphasizes continuing education and life-long learning, improved race relations, equal employment opportunity, drug addiction prevention, understanding the role of the Navy in peace and war, and recreational reading. The collection also includes records, compact discs and videos. There is a typewriter, copy machine and microfiche reader/printer available for public use. The library subscribes to an Interlibrary Loan/Reference service for materials not available locally. Space is offered to groups wishing to present educational programs, story hours and so forth.

Please see **MWR DIVISIONS**, Page 22

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 (September thru May)	9:00 a.m.		
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.		
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.		
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.		
Jewish (446-3613 Messages)			
Weekly Services, Friday, East Wing	7:30 p.m.		
October through June			
Hebrew Classes, Saturday, 1902 Dibb	2-5 p.m.		
Adult Education, Saturday, 1902 Dibb	10 a.m. - noon		
September through June			
Religious School, Sunday, 1902 Dibb	9:30 a.m.-12:30 p.m.		
Roman Catholic			
Sunday Mass, Main Chapel	9:00 a.m.		
Daily Mass, Blessed Sacrament Chapel	11:35 a.m.		
Confessions, Sundays	8:15 - 8:45 a.m.		
Confessions, Weekdays	By appointment		
Religious Education Classes, Sunday (September thru May)			
1902 Dibb, 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 Alices, 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

SPORTS

China Lake hosts golf camp

Navy sports camps open to active duty military; championships set

Navy sports training camps are open to all active-duty men and women. Selection of individuals to attend these camps is based on submission of application to BuPers Navy Sports and Fitness Office (Pers-651E).

Athletes selected for these camps will compete for selection to represent the Navy in the Armed Forces Championships. For further information, call Karen Rivers, NAWS China Lake Gymnasium manager, 939-2571, or the BuPers Navy Sports and Fitness Office at DSN 286-6492 or (703) 746-6492.

Volleyball (Men)

Training Camp: NAS Patuxent River, Md. — April 16-May 10

Armed Forces Championship: Camp Lejeune, N.C. — May 11-18

Volleyball (Women)

Training Camp: NAS Oceana, Va. — April 16-May 10

Armed Forces Championship: Camp Lejeune, N.C. — May 11-18

Bowling

Training Camp: NavSta Charleston, S.C. — April 9-16

Armed Forces Championship: Camp Lejeune, N.C. — April 17-23

Track & Field

Training Camp: Location not yet determined — May 7-24

Armed Forces Championship: Fort Sill, Okla. — May 25-29

Softball (Men)

Training Camp: NAB Little Creek, Va. — July 23-Aug. 15

Armed Forces Championship: Fort Indiantown Gap, Pa. — Aug. 16-21

Softball (Women)

Training Camp: NavSta Norfolk, Va. — July 23-Aug. 15

Armed Forces Championship: Fort Indiantown Gap, Pa. — Aug. 16-21

Golf

Training Camp: NAWS China Lake, Calif. — Sept. 3-10

Armed Forces Championship: Camp Pendleton, Calif. — Sept. 11-16

Soccer

Training Camp: NAB Little Creek, Va. — Oct. 8-29

Armed Forces Championship: Charleston AFB, S.C. — Oct. 30-Nov. 5

Editor's note: The boxing, wrestling and basketball training camps are held sometime in January through March. While it is too late to enter these camps this year, it's not too early to prepare for 1995.



Tennis anyone?

Some tennis players in the Indian Wells Valley are considering forming an unofficial mixed doubles tennis league. Those interested in playing in such a league can call Gary Ferguson, 375-7322, or Bill Duncan, 446-3325.

66MHz Pentium

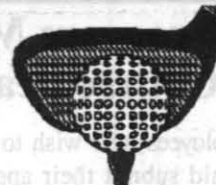
True Intel 60 or 66MHz P5 Pentium 64-bit CPU plus VESA bus makes this the fastest X86. We offer a wide variety of cost-effective ways to full Pentium performance including:

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- ALR Evolution V with 8MB RAM, 120MB hard drive, 1.44 floppy in desktop case only \$2,895. 2-year warranty.

Computing Technology's
Computer Store
251 Balsam St. 375-5744

• AST Premium SCSI host with 16MB RAM, 340MB hard drive only \$6,379.
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United Way of IWW to sponsor 1994 Players West Pro-Am and Women's Classic Golf Tourney

United Way of Indian Wells Valley is sponsoring the 1994 Players West Pro-Am and Women's Classic Golf Tournament at the China Lake Golf Course March 27-30.

The Pro-Am will consist of 30 teams of four amateurs and one professional player. The tournament is open to all amateur players. Teams will consist of two players with handicaps between 0 and 16 and two players with handicaps 17 and up.

The format will be the total of one gross ball and one net ball. The gross ball will be scored first. For example: Player A has two strokes on a given hole and holes the third shot for a gross three. If no other player in that group matches or betters Player A's score, it counts for the low gross score. Of the remaining

players in that group, the one returning the lowest net score is then counted.

The professionals will play out their own ball for a medal score. The low three professionals in the Pro-Am will receive prize money.

The Women's Classic Golf Tournament will be 54 holes of medal play, Monday through Wednesday. The prize fund for the professionals is \$10,000, if a full field enters the tournament.

Deadline to enter these tournaments is March 18, but registration will be canceled after the first 120 paid entrants. For information on how to register, call Pat McAuliffe, VP United Way, 446-5335, or Mary Cozzacoli, UW administrator, 446-6525.

All proceeds will benefit United Way member agencies in the IWW.

License must be visible while fishing

When the new two-year fishing regulations for 1994-96 take effect March 1, while fishing, California anglers must wear licenses above the waist or hung about the neck so that they are plainly visible.

Clear plastic protective holders for the licenses are available at stores that sell the licenses.

Fishing and hunting licenses are on sale at the Naval Air Weapons Station China Lake Craftech Center, located on the corner of Richmond Road and King Avenue. The annual fishing license is \$23.90, while a one-day fishing license is \$8.40. The striped bass sticker is \$3.70. The basic annual hunting license is \$24.40. A bird sticker is \$5.25.

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Bluejacket profile—
LN1 (SW) Richard A. Johnson

Legalman First Class (LN1(SW)) Richard A. Johnson is no stranger to honors for his accomplishments in the Navy. Three times prior to his arrival at China Lake he was named sailor of the quarter for his command. Now, as the Naval Air Weapons Station China Lake Sailor of the Quarter for the first quarter of 1993, Petty Officer Johnson is one of eight sailors seeking Bluejacket of the Year recognition from the Navy League.

A native of Carter Lake, Iowa, he graduate from high school in Council Bluffs, Iowa and attended Iowa Western Community College before joining the Navy.

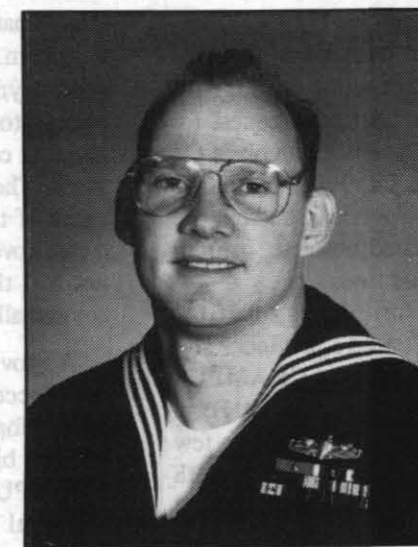
After completing Navy boot camp and yeoman "A" school in 1986, LN1 Johnson started his high-flying career. He spent three years aboard USS Towers (DDG-9) earning his first sailor of the quarter award, his first Navy Achievement Medal and his Surface Warfare Specialist Pin. He was also promoted to petty officer second class.

Moving on to VT-25 in NAS Beeville, Tex., he earned sailor of the quarter honors two more times in as many years. Selected for conversion to the legalman rating, Johnson transferred to Newport, R.I. to attend the Naval Justice School. He graduated in the top 10 percent of his class.

A China Laker since April, 1991, LN1 Johnson is the command discipline officer and the command legalman. Additionally, Johnson filled in as the command's chief yeoman and minor property custodian during a time of staff shortages. Other duties now include membership on the Exchange/Commissary Advisory Board, the Command Training Team and the Command Assessment Team.

In addition to sailor of the quarter honors last year, Johnson earned his

Please see **JOHNSON**, Page 6

Bluejacket profile—
AO1 (AW/NAC) Stephan J. Varga

Aviation Ordnanceman First Class (AO1 (AW/NAC)) Stephan J. Varga, Jr. is competing for Bluejacket of the Year honors after winning Sailor of the Quarter honors for the second quarter at NAWS China Lake. A native of Cleveland, Ohio, he began showing his leadership abilities early in life. As a Boy Scout he earned Eagle Scout honors and became a cadet petty officer in the local Sea Cadet squadron. He was also active in sports, student government and clubs, including serving as student body president and representing the school at the Buckeye Boy's State.

Joining the Navy in 1981 through the delayed enlistment program, he graduated from boot camp and became a member of the special units company and moved to his first duty station, aviation ordnanceman "A" school in Memphis, Tenn. Petty Officer Varga graduated as class leader and top Navy student.

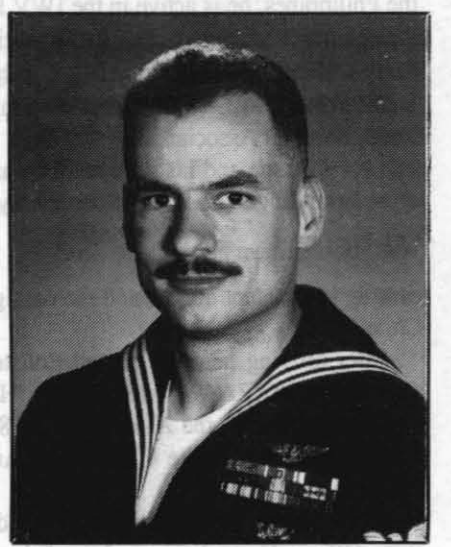
After joining the Skinny Dragons of VP-4, he earned his aircrewman wings and moved through the ranks to petty officer second class. This tour included three deployments with the squadron to the Western Pacific and Indian Ocean.

Seeking a new challenge, Varga joined the Navy's enlisted recruiting program and served at recruiting stations in Oxnard and Thousand Oaks, where he was recruiter-in-charge of the station. He earned his first Navy Achievement Medal during the 38 month tour.

Then it was back to flight status with the Blue Dragons of VP-50. In 1990 he was advanced to petty officer first class. During this tour, he earned another Good Conduct Medal, two more Navy Achievement Medals and made two more deployments.

In mid-1992 he reported to NAS Lemoore, Calif., at the FA-18 FRAMP,

Please see **VARGA**, Page 6



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JOHNSON, from Page 5

second Navy Achievement Medal early in the year.

Married to the former Felecidad Curantro Bautista of the Philippines, he is active in the IWV Filipini American Association, the Asian American Association, First Class Petty Officers Association, Big Brothers of America, VFW, American Legion and is an umpire in the IWV Youth Baseball Association.

LN1 Johnson and his wife are the parents of two children, Brian Eugen, four, and Sherry May, three.

VARGA, from Page 5

earning top student honors and then assignment to NAWC China Lake.

After arriving here, he earned Enlisted Aviation Warfare Specialist (EAWS) designation. He currently is an all-system QAR on the A-6E and FA-18 aircraft. He also is a squad leader in the China Lake Auxiliary Security Force.

Active in the community both in and out of uniform, Petty Officer Varga is a member of the First Class Petty Officer's Association, sings with the IWV chapter SPEB-SQA "barbershoppers" and sings in other community events. He is married to the former Patricia Plank of Canoga Park. Pat works for the NWC Credit Union and rides her quarter horse "Simba" in local parades. They recently celebrated their fifth wedding anniversary.

CHAPEL CALL, from Page 4

All the time that Katie presented herself as the ideal daughter and young lady there was inside her a seething resentment and self-contempt. Her parents had built a pedestal for her and she climbed up on it. For years she played the role because she thought it was the admission price for being loved.

At last—thanks perhaps to Katie's shattering and almost disastrous attempt to die—the parents understood

CHAMPUS Briefs...

New Claim Form Coming Soon

CHAMPUS will soon replace its standard patients' claim form in the U.S. and Puerto Rico with a new, simpler version. The new form, "Patient's Request for Payment" (DD Form 2642), will eventually replace the current CHAMPUS claim form, DD Form 2520. The old form will continue to be used overseas, and may be used in the U.S. until it is declared obsolete, or until supplies run out, whichever occurs first.

The new, simplified claim form is only half the length of the old one, and doesn't need a provider's signature (providers of care who send in CHAMPUS claims on behalf of patients must use the HCFA Form 1500 or the UB-92 form). Patients will just fill in a few simple blocks of information, provide other health insurance information, attach copies of the medical bills to the form and send it to the appropriate CHAMPUS claims processing contractor.

Providers Check "Yes," Agree To Participate In CHAMPUS

When a health care provider checks the "yes" block on the current CHAMPUS claim form (DD Form 2520) and signs the claim, he or she is agreeing to

"participate" (or, "accept CHAMPUS assignment") on the claim. This means that the claims processor will send payment directly to the provider. The provider agrees to accept what CHAMPUS pays, plus the patients cost-share, as full payment for covered services. The patient is responsible for only his or her share of the cost (plus the cost of any services that aren't covered by CHAMPUS), and the provider may not bill the patient for the difference between the amount allowed on the claim and the billed charges.

A provider who violates the agreement to participate (accept assignment) on a claim by billing the patient for the difference between the amount allowed and the billed charges is subject to penalties under CHAMPUS rules, including withdrawal of program approval as a CHAMPUS provider and possible recoupment of payments made by CHAMPUS.

By the same token, a provider is required to collect the patient's cost-share, since it is established by law. Providers who routinely waive patient cost-shares may be suspended as CHAMPUS-authorized providers, and may face other punitive action.

and Katie recovered. The essential and most valuable thing she recovered, of course, was her self, her own individual, unique and unrepeatable person.

Thank you Margaret Mattisson, and thank you, Katie, for sharing your story. The lesson is so easy to lose, to forget. We must all be sure that those to whom we are committed in love know that there is no price tag, no admission price on our love. I have given you my love

freely. It is my gift to you. There are no reserve clauses, no fine print in the contract, no hidden agenda. Love is the purest and simplest of gifts. Most people want to be very sure that their love is not taken for granted. Unconditional love says the very opposite: "Take me, and take my love for granted." In the words of a contemporary hymn: "All I ask of you is forever to remember me as loving you."

DAWIA update: Program Manager Course deadline March 4

Nominations are currently being requested for the 20-week Program Management Course offered by Defense Systems Management College, Fort Belvoir, Va. This session runs July 25 through December 9, 1994. Due to a limited number of billets and the requirement for PEOs and PMAs to take this course, NAWC candidates will be facing some very stiff competition. Nominees must be in DAWIA positions and have significant potential for movement into a program management position. Nominees selected for this course must be willing to relocate, if requested, to a program management position upon completion of course. Tuition, travel and per diem (excluding rental car) are funded by the Director, Acquisition Career Management (DACM). Salary is paid for by the nominee's department. The NAWCWPNs deadline date for applying is March 4. For additional information contact your department staff office, or call Helen Casteel (P622, x3003) or Nancy Saxton, (C622, 939-3129).

DACM Data Call

Most DACM data call packages have been completed and returned to the Human Resources Development Division for entry into the data base. Computer generated Career Briefs will be sent to acquisition employees after data entry is complete. These Career Briefs will reflect information provided by the acquisition employee in the data call packages and note their certification level. Some employees will see that the certification level shown on the Career Brief does not agree with the level noted in the data call package. This is because either the education, experience or training was not documented in the data call package, and the computer program will not allow for certification when all requirements have not been met.

Employees who wish to upgrade their certification level should submit their application for certification along with supporting documentation to P622 or C622. The application for certification will be available from your department staff office.

Mandatory DAWIA Courses

NAWCWPNS continues to receive 80 to 90 quotas for mandatory DAWIA courses per quarter. When we submit your registration form to the registrar (Navy Acquisition Career Management Center) for a course quota, we are committing to your attendance. Please make every attempt to attend this course. If you cannot attend, please complete a cancellation form (may be obtained from your department's training coordinator or head of staff) as soon as possible and return to P622 or C622 so that a substitute may be sent in your place.

Fulfillment Program

The Fulfillment Program may still be used to get credit for a course in lieu of actually taking it. Being able to fulfill out of a course is based on your ability to meet the course competencies through experience, education or other training. The Fulfillment form (DD form 2518) and course competencies may be obtained from your department staff office. The Fulfillment form must be approved by both your first and second level supervisors and submitted to P622 or C622.

DAWIA Vacancy Announcements

Acquisition position vacancies announced in the *Rocketeer* and *Missile* now indicate DAWIA status. Applicants selected for Critical Acquisition Positions (CAP) (DP-4 and above) will be required to sign a Service Agreement and must belong to the Acquisition Professional Community (APC).

All Hands magazine seeks photos for special edition

Washington (NES)...All Hands magazine needs your help to kick off its "Any day in the Navy" photo feature. Amateur and professional civilian and military photographers are asked to record what's happening on their ship or installation on Wednesday, May 18, 1994, for a special photo feature to appear in the October edition.

The magazine wants photos that tell a story and capture the faces of sailors, Marines, their families and naval employees that use imagination and creativity—posed shots will be screened out. Shoot what is unique to your ship or installation, something you may see every day, but others may never get the opportunity to experience. They're looking for the best photos from the field, for a worldwide representation of what makes the Navy what it is.

Photos must be shot in the 24-hour period of May 18. Submit processed color slides, 5 x 7 or 8 x 10 color prints or black and white prints. Photos should be printed for magazine quality.

Submissions must include full credit and caption information. This includes full name, rank and duty station of the photographer; the names and hometowns of identifiable people in the photos; details of what's happening in the photo and where the photo was taken. Captions must be attached individually to each photo or slide. Photos must be processed and received by All Hands by June 18. Photos will not be returned.

Questions may be addressed to PHC Joseph Dorey or JO2 Laurie Butler at DSN 288-4195/4209 or commercial (202) 433-4209.

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Wellness Corner

It's blood draw time again

Once again the Wellness Program Office at the China Lake site of the Naval Air Warfare Center Weapons Division is offering a low-cost blood analysis. The annual spring blood draw begins March 1 and continues through March 24. The analysis includes total cholesterol, high density lipoproteins, low density lipoproteins, triglycerides, glucose and total cholesterol/high density lipoprotein risk ratio.

The total cost is \$5. Checks should be made out to the National Health Lab.

Blood draws will be scheduled at the following locations, dates and times:

• **Michelson Lab**, "Little D" Conference Room, March 1, 2, 3, 8 and 9. Appointments will be held from 6:45 to 8:30 a.m., with walk-ins being accepted from 8:30 to 9 a.m.

• **CLPL**, CLPL Conference Room, March 10. Appointments only will be accepted from 7 to 9 a.m.

• **Thompson Lab**, Bldg. 31433, Conference Room 2, March 15. Appointments only will be accepted from 7 to 8 a.m.

• **Echo Range** blood draws will be held in the YDRA Conference Room, March 16.

• **Instrumentation Operations Building**, Bldg. 32544, Conference Room 123, March 17. Appointments only will be accepted from 7 to 8 a.m.

Owing too much to, or getting too much back from the IRS—change W-4

Check your withholding statement if you owed too much tax when you filed your federal tax return, said Internal Revenue Service officials.

Or if you feel your refund is too large and would rather have some of the money during the year, also check Form W-4, "Employee's Withholding Allowance Certificate." You may want to complete a new W-4.

The W-4 helps determine the amount of taxes withheld from your check. Personal and financial changes, as well as tax laws, can affect your withholding.

Some changes that may prompt you to increase or

decrease withholding include: earned income increase or decrease; nonwage income increase or decrease; marriage or divorce; buying a home; and medical expenses.

There is no limit to the number of legitimate exemptions you may claim on Form W-4. However, if it exceeds 10, your employer must send the W-4 to IRS, which may ask you to justify each exemption.

Specific information on the withholding program and W-4 can be found in IRS Publications 505, Tax Withholding and Estimated Tax, and 919, Is My Withholding Correct for 1994? The local library or installation tax

assistance office may have copies of these publications. Or for free copies, call IRS toll-free at 1-800-829-3676, or write to IRS, Forms Distribution Center, PO Box 25866, Richmond, VA 23289.

Additional information on withholding is available by calling the IRS Tele-Tax line and asking for the prerecorded message on Form W-4. The toll-free telephone number is 1-800-829-4477. Another option, said IRS officials, is to call the local IRS office and ask the taxpayer education coordinator how to get a copy of the IRS video Is Your Tax Withholding Correct? Form W-4.

• **Branch Medical Clinic**, March 17, 18 and 24. Appointments only will be accepted from 7 to 9 a.m.

• **Range Control Complex**, Range Headquarters, Bldg. 31457, Conference Room 104, March 22. Appointments only will be accepted from 7 to 8:30 a.m.

• **Armitage Field**, NAF-80, Bldg. 20192, March 23. Appointments only will be accepted from 7 to 9 a.m.

• **Public Works**, Bldg. 981, Conference Room, March 24. Appointments only will be accepted from 6:45 to 8 a.m.

With the exception of Echo Range, appointments for the blood draw/analysis are made through computer by connecting to the SCFC VAX and typing "WELLNESS" at both the "username" and "password" prompts. Options will appear on the screen for preferred time and location. If access is to another VAX network, log on and type "SET HOST SCFC."

Echo Range personnel wanting an appointment can send an in-box message to Bret Jacobson. Messages should include name, code, phone number and time preferred.

For personnel who cannot make an appointment by computer, use either QuickMail (Pat Oliver, CL Mainsite Zone, CL62_MC) or phone 939-2468. Messages should include name, code, phone number and the date, location and time preferred.

Participants must abstain from eating any food or drinking anything other than water for 12 hours before their blood draw. Alcohol should not be consumed within 24 hours of the test.

Since the China Lake Wellness Program began offering employees convenient, low-cost blood analyses in 1988, more than 8,000 screenings have occurred.

Mitchell receives Meritorious Award for change efforts

By Peggy Shoaf
Staff Writer

You have consistently been a leading light in developing and implementing relevant ideas and strategies for achieving managerial excellence and for improving organizational performance," RAdm. Dana B. McKinney told Theresa (Terry) A. Mitchell in the citation accompanying her Navy Meritorious Civilian Service Award, which she received at a site meeting on Jan. 18.

The Naval Air Warfare Center Weapons Division commander continued, "Through your research of organization change and TQM/TQL, you have stimulated all levels of management to establish processes for individual as well as team development. You have provided the tools for people to operate as a team. . . . With the challenges we now face in continuing organizational consolidation, strong leadership and team skills are even more important. The coaching and facilitating, which you do so well, are critical as we develop new partnerships and carry out our organizational responsibilities."

Mitchell received the award from Capt. Roger K. Hull, NAWCWPNS vice commander. She was supposed to have received it at the site meeting on Jan. 10, when 13 other employees were honored with a variety of awards, but was on travel. Despite the fact her name was called out for the Meritorious Service Award on Jan. 10, no one said a word to her.

"They kept it a complete surprise and that scares me," she said laughingly. "I usually feel like I have a pretty good network. It's my job to know what is going on and to keep in touch."

As head of the TQL/Organization Change Office

(formerly known as the TQL/Quality Improvement Group), Mitchell said her main job is to blend cultural differences and to assist the organization in becoming more adaptable and resilient to change, therefore being more open to possibilities that may serve the overall mission and how they accomplish that mission.

"That includes less managing and mastering, and often times letting go," she said. "There are times to let things wind their way out — a natural timing. A whole lot of energy goes into making something happen, or not

happen, rather than honoring that natural process and time. We need to learn to flow with that."

Mitchell oversees a group of people who help NAWCWPNS employees initiate, implement and flex to organizational change, no matter what level the employee is at — whether at branch, program or department level. Her group helps the organization to have the capability and flexibility to create a more vital future, to really be more of a participant in the change, she noted.

The restructuring of the two engineering departments, one at China Lake and one at Point Mugu is one of the most recent examples of changes at NAWCWPNS. Two separate departments, with different environments and needs, are coming together.

"At the beginning, they didn't understand each other or the work each other did," Mitchell said. "It was an interesting process watching them get that understanding and grow to literally create a new department, one that matches both environments."

Mitchell acknowledges that it is painful melding two separate identities into one without hard feelings. She feels, however, that honest leadership and listening are the keys to success. "If a group is provided an enabling structure and process by which to listen to each other, they can gain understanding. In my experiences, we are more alike than different, and when I come to understand what your needs are, and you can understand my needs, we can find multiple solutions to solve conflicting views and needs."

Mitchell came to work at China Lake in 1972 as a temporary clerk. She has a bachelor's degree in English, a master's degree in psychological counseling and a master's in public administration. She is married to Roger Peck, of the Human Resources Department.



Photo by Margie Hammett, TID
AWED—Terry Mitchell appears amazed that she is receiving the meritorious Civilian Service Award.

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Jack Russell: Land range director retires with Meritorious Civilian Service Award after 37-year career

By Barry McDonald
Editor

What started out as two-year introduction to the working world ended up a 37-year career at China Lake for Jack Russell, who quietly retired Jan. 3 after serving as NAWCWPNS first director of the Land Range Directorate. At his request there was no retirement party or ceremony. Sterling Haaland and Gerry Schiefer, however, presented the Navy Meritorious Civilian Service Award to Russell at a luncheon in his office.

The award was in recognition of Russell's career achievements in the RDT&E of Navy weapons and in the management and support of the systems acquisition process. "During your career at the Naval Air Warfare Center Weapons Division, you have distinguished yourself as an outstanding innovator, scientist, engineer, manager and executive," reads the citation signed by RADM. Dana B. McKinney, NAWCWPNS commander. It went on to praise Russell for his leadership of the 1993 NAWCWPNS Base Realignment and Closure Commission (BRAC) effort.

"In his role as BRAC 93 team leader, Mr. Russell was responsible for all matters pertaining to interpretation of data calls, data gathering, justification, verification and certification of the extensive amount of infor-

mation sought by NAWCHQ and the Navy Base Structure Analysis Team (BSAT)," wrote Gerald M. Wrout, deputy commander for test and evaluation, in his nominating memorandum. "He frequently worked side-by-side with other team members for long periods of time in writing answers to a multitude of questions. Many of the data calls required 'round the clock' effort to meet the very tight deadlines for submission."

Russell said the team responded to roughly a dozen data calls, several of them requiring responses of more than 100 pages.

"We usually had one every two or three weeks, with a response time of a couple of days to a week," he said. "TID did a magnificent job for us. I can't say enough for them and their contractor support from Comarco in putting together well-edited responses in a very short time. And I enjoyed being involved with the NAWCWPNS BRAC team—I got to work with some really good people at both Point Mugu and China Lake that I hadn't been associated with previously."

A native of Coeur d'Alene, Idaho, Russell first heard about China Lake, then the Naval Ordnance Test Station, when he was on a summer job between his freshman and sophomore years of junior college in Coeur d'Alene.

An ex-Navy pilot told him the only place for someone with his interests in aircraft and missiles was NOTS. After receiving a bachelor's degree in physics and mathematics, he came to China Lake as a junior professional physicist in 1956.

"I planned to spend two years at NOTS to get good experience, figuring that then I'd go to work for private industry, and I'm still here," Russell told *The Rocketeer* in 1986, just after being named T&E director of the then Naval Weapons Center. "I've not been disappointed either. I can't think of a day that I've not been totally challenged and that there hasn't been more work to be done than I could possibly do."

"Fascinating" was how he remembered one of his first projects at China Lake—NOTSNIK—the Navy's effort to put a satellite into orbit. "I did some electronic design on one of the payloads for that project," he recalled. "In fact, I screwed up and burned out one of the very few transistors that could oscillate at a high enough frequency to be used as a transmitter for the payload in those early days of semiconductors.

That taught me a lesson to be tolerant of other people when they make mistakes."

Then in 1958, he said with a very evident glow of pride, "I was fortunate to be among a handful of people assigned to put together off-the-shelf hardware to make a low-cost missile that would home on a radar. We hand built and fired two experimental missiles—I was aboard the F-3D aircraft when the first one was launched. One of them impacted close enough to the target radar to demonstrate the feasibility of the project, and we were funded to proceed toward development." Thus was the Shrike Program born.

"I was fortunate to be among a handful of people assigned to put together off-the-shelf hardware to make a low-cost missile that would home on a radar."

—Jack Russell on the birth of Shrike

In 1961, Russell was named Shrike project engineer, and in 1962, he became head of the Missile Branch, which was almost entirely dedicated to the development of Shrike guidance and control.

It was in this position that he participated in one of the most memorable efforts of his career. In 1963, while the missile was still in development, the Cuban missile crisis necessitated the in-house fabrication of 200 Shrikes to be used, if necessary, against the Russian missile sites installed in Cuba.

"They wanted 100 with the type of guidance we were already developing," he said, "but they wanted another 100 that would require a new antenna system to home on radars of a different frequency. The technology for this antenna did not exist at the time. The ingenuity of Bob Corzine and Joe Mosko was miraculous. They came up with the design from which the other hundred guidance sections were fabricated...all in about nine months."

Russell praised the technicians who fabricated the guidance and control sections for those missiles. He said while none of them were fired against Cuba, some of them came back to China Lake several years later and were fired in training missions. "The fact that all of them worked perfectly was a real tribute to those technicians," he said.

In 1964, just eight years after starting as a JP, he was named head of the Anti-Radiation Guidance Division. He plays down this meteoric rise, saying, "It was just a matter of being in the right place at the right time."

He received the Michelson Laboratory award as a Fellow in ordnance science in 1967 for his "vital contributions to the advancement of the state of the art in the design of anti-radiation missile guidance systems." In 1968, he and Bill Porter traveled to Vietnam to work with Navy and Air Force pilots on the employment of Shrike missiles.

A reorganization in 1970 brought Leroy Riggs from the disestablished Missile Systems Department at the NWC Corona annex to China Lake to head the newly named Electronics Systems Department (formerly the Aviation Ordnance Department, Code 35). Russell served as the first head of the R.F. Development Division in the new department, followed successively as head of the Radar Division in 1971 and the Electronic Warfare Division in 1972.

After leading a study committee to look into NWC's future role in electronic warfare, and recommending major involvement, Russell was appointed acting head of the Electronic Systems Department, when Riggs moved upward in the organization. The increase in EW work resulted in a name change to the Electronic Warfare Department, which Russell continued to lead.

Please see next page



Photo by Dan O'Connor, TID

RELAXING in his Treat Street dream home in Belle Vista Estates, Jack Russell discusses his years serving the Navy at China Lake. He'll enjoy the panoramic view while he catches up on those chores he "just never had time for" before.

Cdr. Knight recognized by LAFEB

Commander Cedric Knight, head of the Procurement Department, recently received a certificate of appreciation from the Los Angeles Federal Executive Board for his nomination for the Outstanding Supervisor and Manager Award, part of the 20th Annual Distinguished Public Service Awards Program. The certificate was presented to Knight by Capt. Roger K. Hull, NAWCWPNS vice commander, at a special ceremony held at the Procurement Department compound in October.

Knight was nominated for this national award by Capt. Douglas W. Cook, then NAWCWPNS vice commander. In presenting the letter, Hull said in part, "Your nomination stated that you consistently exemplify the qualities of an outstanding public servant and continues on to outline some of your more significant accomplishments while at China Lake, including your task to consolidate the Procurement departments within NAWCWPNS. Under your leadership, a streamlined management structure was implemented, a common procurement automation system was established, procurement authority for the Point Mugu site was increased, and common department budget and accounting processes were put into place. . . . Without

your leadership and vision of a single, integrated procurement organization, NAWCWPNS would not be nearly as successful in its acquisition of weapons systems in direct support of the defense of this country.

"Your dedication and innovation have had positive results well beyond NAWCWPNS. The Bankcard program is yielding significant savings to us, and due to the efforts of you and your staff, this program has now been implemented at other agencies, extending the savings to the government well beyond the millions of dollars identified within NAWCWPNS. Your SPEDI program has the potential for similar impact government-wide. You were also instrumental in recycling older computers to the Bureau of Land Management and the local schools in and around China Lake. These are but a few of the broad perspective of public service that have prompted me to be here today."

The LA Federal Executive Board's Distinguished Public Service Awards Program recognizes federal employees who, because of their dedication to excellence, have far exceeded the normal requirements of their jobs. Their extensive achievements have resulted in better public service in California and the nation and reflect favorably on the entire federal community.



CONGRATULATIONS—Capt. Roger K. Hull presents Cdr. Cedric Knight with a certificate of appreciation from the Los Angeles Federal Executive Board.

Women's History Month event

Women in Military Service

In commemoration of Women's History Month, the Los Angeles City Commission on the Status of Women will be hosting an event to honor Women In Military Service on March 8 at 200 North Spring Street, Los Angeles City Hall Council Chambers and the Board of Public Works Hearing Room between the hours of 10 a.m. and noon. Several outstanding women in military service will be selected to

receive special recognition by the commission, following a panel discussion on women in combat.

The commission would like to extend an invitation to women who are enlisted or officers in each branch of service to attend this event of special recognition. Please come in uniform.

For further information please contact Anne Dunn at the commission office at (213) 485-6533.

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Safety Sense

The Lowdown On Air Bags

Reprinted from Safety Line

Did you know that if you live to be 75 years old, you have an 84 percent chance of being involved in a motor-vehicle crash in which someone is injured? You can't do much to change the odds unless you give up driving. But there are two things you can use to greatly reduce your chances of getting hurt—safety belts and air bags.

The lap and shoulder belt will protect you in a variety of crashes, including rollovers, side and rear collisions, and frontal collisions. An air bag can also keep you safe, since it is designed to prevent serious injuries to your head, face and torso in a severe frontal collision.

Air bags are designed to work only in frontal collisions, which account for 63 percent of serious wrecks. Air bags are not substitutes for safety belts. The belts will protect the occupants whenever a sudden deceleration occurs, and the air bags will cushion your face and torso.

Together, they are one of the most effective safety systems found in a vehicle.

Normally, when a car traveling 30-mph slows to a stop, its kinetic energy and yours is dissipated by its brakes. The rate of deceleration is comfortably low.

When a car is stopped by a 30-mph crash, the kinetic energy is absorbed by its body as it crumples and deforms. It's still the same amount of energy, but instead of using approximately 60 feet and three seconds, the car body dissipates the energy roughly three feet and 1/10th of a second. Although the energy remains constant, the shorter time span of a crash generates a much higher G-force. If you aren't wearing a safety belt in a 30-mph crash, you would be seriously injured or even killed when the sudden, severe deceleration slams you against the car's interior (the so-called "second crash").

That sudden deceleration is why shoulder and lap belts are so important. If you are wearing your safety belt, you would experience a lower deceleration in a 30-mph impact, as the safety-belt system transfers your body's kinetic energy to the car. The car's built-in crush zone trades the energy for time by progressively resisting the crushing forces of the impact. This lengthens the time of the crash and lowers the G-force. Additionally, the safety belt spreads these forces over more of your body, which helps to further reduce injury.

Air bags are triggered by three to five sensors in the front of the vehicle. These sensors are designed to differentiate between major and minor impacts. Air bags will not inflate at low speeds or in fender-benders.

Child-safety seats secured in the front seat require special attention. Many infant seats put the child facing backward when used in the front seat. This technique puts the baby's head too close to the dashboard. A passenger-side air bag could force the child seat up and over the back of the front seat, which could seriously injure the infant. If your car has an air bag, face the infant seat forward or put it in the rear seat.

If you are in a crash and the air bag triggers, you must replace the system. You cannot just stuff the old bag back into its container. Automobile insurance companies usually pay the cost, ranging from a few hundred dollars for most cars to \$2,000 or more.

Take a few seconds to buckle up and drive safely. If you don't want to do yourself a favor, then do it for your loved ones or family. All the safety systems in your car won't prevent your injury or death unless you use them.

Ideas Column

By Carol Lopez
IDEAS Office

The IDEAS Office at Point Mugu has recently been identified as the NAWCWPNS IDEAS Office for both China Lake and Point Mugu.

Civilian and military employees can continue to count on the NAWCWPNS "IDEAS" suggestion program as one of the avenues to help you improve and make things better in the day-to-day work life. Eligible suggestions need to identify a problem and have a solution and benefit.

I know there are tremendous "IDEAS" that haven't been explored, all you need to do is open your mind to the endless ways that will help us do more with less. Think about how to be more efficient in operations, how we can save dollars, time, streamline work processes and so forth. NAWCWPNS needs all of your good IDEAS.

Send your IDEAS by guard mail to: IDEAS Offices, Code P009, Bldg. 36, Attn: Carol Lopez; or QuickMail them to PM00_MC. The IDEAS Office can be reached by calling (805) 989-8593 or DSN 351-8593.

RUSSELL from Page 8

Then, in 1977, he learned that the Seventh Fleet had requested a Naval Science Assistance Program (NSAP) advisor with an air warfare background. He applied and was selected, and from June 1977 to June 1978 he spent what he still sees as his "best year on the job" in Yokosuka, Japan. "It was a fascinating and exciting time," he said. "Working directly with the fleet, I got to see some positive results of my efforts on several fleet problems. When I came back I brought with me a deep appreciation for the problems they have. And later when working on local problems, I tried to focus on what would be best for the fleet."

He came back to China Lake as head of the Engineering Department, a position he accepted because of its close work with the fleet. He said in the 1986 interview that the 50 percent growth in that department during his eight-year tenure was a result of the Navy secretary's emphasis on competition and improved quality in weapons. "Suddenly the disciplines that we'd worked so hard to sell were in demand—quality assurance, documentation, reliability, systems safety, soldering technology, production engineering, integrated logistics support—all in the Engineering department," he said.

In 1986 he became the NWC T&E director, the predecessor position to the one from which he retired. Later that year he received the L.T.E. Thompson Award

"for his technical contributions to the development of defense suppression systems and his managerial contributions in maintaining NWC as the Navy's center of excellence in acquisition management."

Still later in that position he received the H.G. "Hack" Wilson Award based on benefits resulting from some of his early patents. A further honor was bestowed upon Russell in 1991 when he received the Presidential Meritorious Executive Rank Award.

As T&E director, he said he well recognized the importance of the ranges to the future of China Lake, particularly in the midst of defense realignments and reductions. The majority of his time the past several years was aimed at protecting the ranges and test facilities from uninformed or political decisions to close them.

"People like Alex Bellen, Rich Printy and Ellis Kappelman are well experienced to carry on those efforts," he stated.

After the formation of NAWCWPNS, Russell said, he developed a good working relationship with the Point Mugu T&E managers for whom he has a high regard.

He looks forward to being able to do the things he's been wanting to do—getting into astronomy, gaining proficiency on his computer, taking some college classes and doing some traveling. "I also won't have the frustration of not having the time to work on projects around the house," he said.

Network Noise

Network Noise is a running feature article 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 have a particular networking topic that you would like discussed in this forum please call Scott Lucas (C6311) at 939-4897.

Internet Domain Name Change for China Lake

The Internet Domain name for NAWCWPNS China Lake/NAWS China Lake is being changed at the Internet Network Information Center from "NWC.NAVY.MIL" to "CHINALAKE.NAVY.MIL." Currently both Domain Names are being supported, but as of March 1 the old Domain Name "NWC.NAVY.MIL" will no longer be supported. This change will effect all China Lake network users who use the Internet (MILNET, DDN). All network users should now be using the new Domain Name of "CHINALAKE.NAVY.MIL." For more information contact the Network Management Center's Help Desk at 939-6661 and ask for Joan Mathewson.

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Thinking of expanding or upgrading your AppleTalk network? Are you moving to a new building and need a new network installed? Have you considered upgrading from AppleTalk to 10Base-T? Well, you should. Especially for any new construction. A 10Base-T network gives you the speed of Ethernet on twisted-pair wiring. That means 10Mbps of speed vs AppleTalk at 230Kbs, and installation is easy, unobtrusive, and can be achieved by simply submitting a Communication Service Request (CSR). Chances are you already have the cable-plant in place along with your telephone wiring. So, if you are considering an expansion or upgrade of your existing network or installing a new one, call the Network Management Center's Help Desk at 939-6661, we'll be glad to answer any questions you might have.

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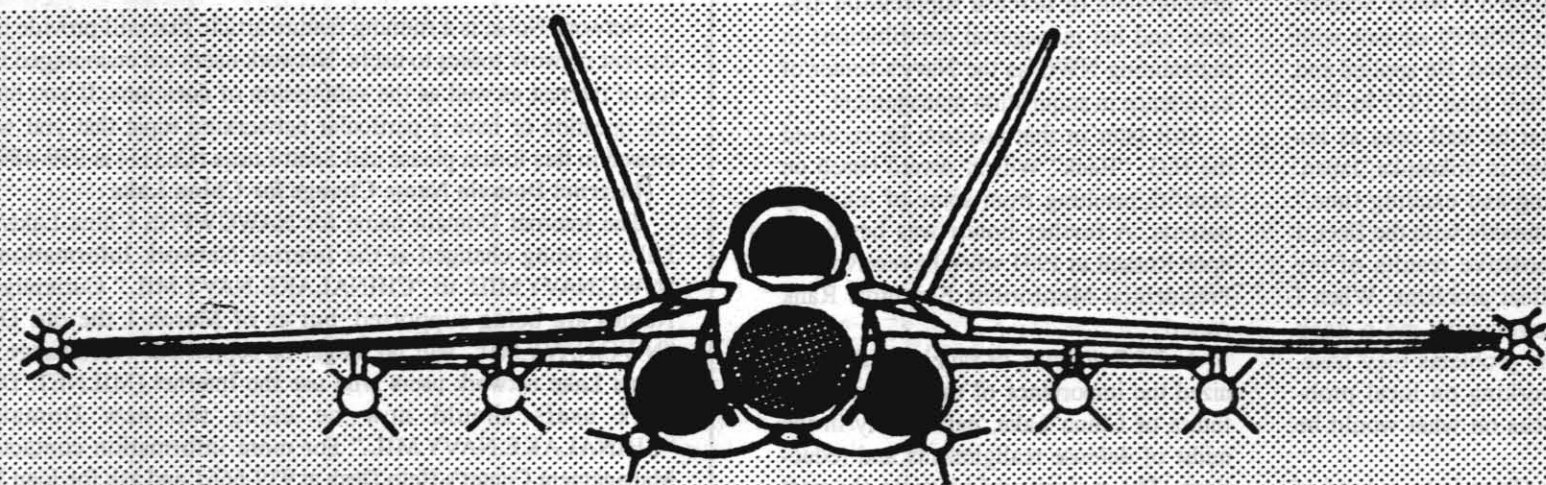
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Three NAWCWPNS departments earn Safety Awards for hundreds of thousands of accident-free hours

Starting 1994 off right, four codes at the Naval Air Weapons Station China Lake received Safety Awards during the site meeting on Feb. 7.

The Intercept Weapons Department received the highest honors, a Significant Achievement Award, while the Aircraft Weapons Integration (Fighter/Attack), Electronic Combat Range and Human Resources Departments each received an Award of Merit.

According to Sue Booth, a member of the NAWS China Lake Safety Office, safety awards are given to departments that amass a specific number of man-hours without a lost-time accident. The more hazardous the work, the fewer man-hours a department must accumulate to earn recognition. The more hazardous occupations must collect 500,000 man-hours without a lost-time accident to receive an Award of Merit, while the less hazardous occupations need one million man-hours. After the Award of Merit comes the Significant Achievement Award.

The Intercept Weapons Department, which earned an Award of Merit in 1993, has increased its number of man-hours without a lost-time accident to one million. Booth noted that this was a special achievement, considering the number of people in the department and the hazardous duties they perform. The head of the department, Jon Wunderlich, who passed away Tuesday, accepted the award at the Feb. 7 meeting.

The Aircraft Weapons Integration (Fighter/Attack) and Electronic Combat Range departments, have gone 500,000 man-hours each without a lost-time accident, while the Human Resources Department has gone one million man-hours. Milt Burford and Alex Bellen, head of the Aircraft Weapons Integration (Fighter/Attack) and Electronic Combat Range departments, respectively, accepted the awards for their departments. Don Shibley, associate department head of the Human Resources Department, accepted the award for his department.

Video Listings

KNID & TVIS

KNID

Monday-Friday, Feb. 28—Mar. 4

5:30 p.m.: Navy News
5:55 p.m.: The Helo Tour
6:30 p.m.: Challenges and Opportunities
7:00 p.m.: The Glean Team
Monday-Friday, Mar. 7—11
5:30 p.m.: Navy News
5:55 p.m.: NFI: Navy Firefighters Thermal Imager

6:00 p.m.: Germany: From Partition to Unity
6:26 p.m.: All Aboard
6:52 p.m.: Investing in a Dream
7:05 p.m.: Luray Caverns

TVIS

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

Tuesday, Mar. 1

8:30 a.m.: The Twelve Steps of Recovery Programs
9:30 a.m.: Self-Discipline and Emotional Control, Part 2

11:15 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: Excel - Part 3 of 4

3:00 p.m.: "Safety Programs" 1. To Drive at Night 2. CHEMSAFE: Introduction to Chemical Safety

Thursday, Mar. 3

8:30 a.m.: Tom Peters: Business and the Environment
10:00 a.m.: Stress Management For Professionals Part 1

11:00 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: Excel - Part 4 of 4

3:00 p.m.: "Safety Programs" 1. To Drive at Night 2. CHEMSAFE: Introduction to Chemical Safety

Tuesday, Mar. 8

8:30 a.m.: IEEE: Optical Digital Computing
9:30 a.m.: Stress Management For Professionals Part 2

11:30 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: Pagemaker-Part 1 of 3

3:00 p.m.: "Safety Programs" 1. To Drive at Night, 2. CHEMSAFE: Introduction to Chemical Safety

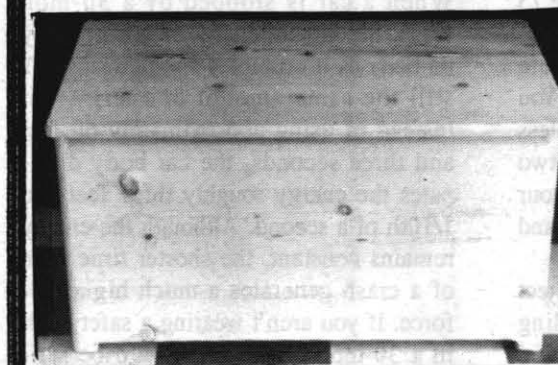
Thursday, Mar. 10

8:30 a.m.: Tom Peters: A World Turned Upside Down
10:00 a.m.: The DOD CIM Initiative

11:00 a.m.: Wellness: Relaxation Video
1:00 p.m.: Macacademy: Pagemaker-Part 2 of 3

3:00 p.m.: "Safety Programs" 1. To Drive at Night, 2. CHEMSAFE: Introduction to Chemical Safety

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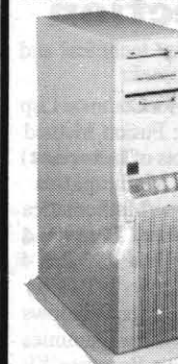
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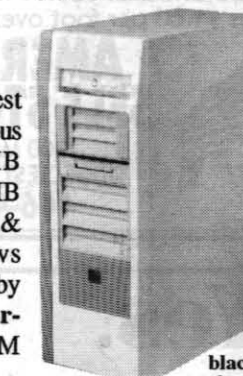


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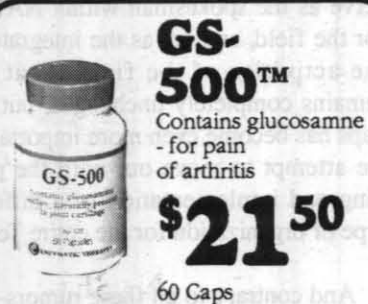
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RANDALL from Page 1

"Randall's quality insight and analytical skills proved to be an immense benefit to NWEF as the need to execute a drastic downsizing became a hard reality," reads the nominating letter. "He quickly assembled a team that was cross-sectionally representative of the command and empowered them to develop a plan of action that would comply with external restructuring dictates, but could achieve all identified command objectives in a manner that was most positive to the employees themselves."

The cornerstone of the plan, Randall explained, was to make sure the people were taken care of first, and then worry about the mechanics of shutting the facility down. "We spent about 90 percent of our efforts in trying to make sure our people had jobs, either with the Navy or some other place in the Albuquerque area," he explained. "We spent a lot of time on career counseling, outplacement for people and supporting any of their efforts in trying to go to a different job."

"It was extremely successful," he said with pride. "Virtually no one ended up without a job."

"The key to the plan's success," he added, "was the cross-section of command that participated in it. Acting as representatives for how this plan was put together and how we were going to operate, they let every person know exactly what was going to happen every

step of the way so they could make their plans and decide what they needed to do to put their own careers and lives on track. It was a real team effort."

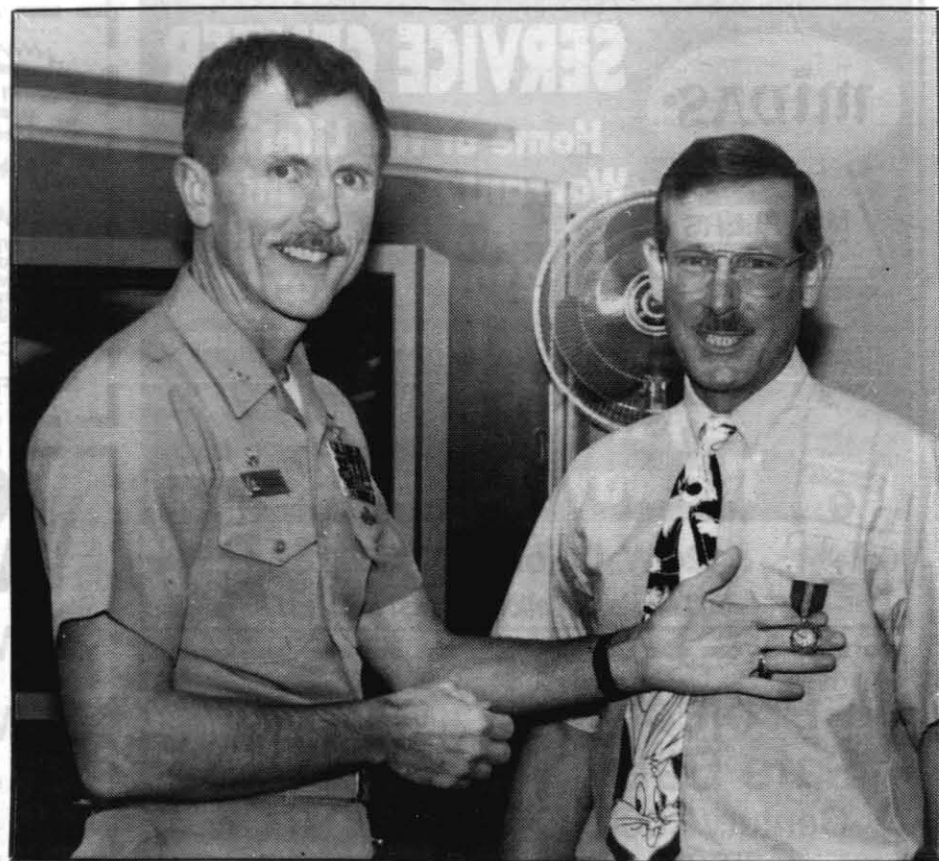
The effort was so successful, NAVAIR is using the plan as a model "for how to downsize right," noted the letter of nomination. In addition, his outplacement program was so inventive and successful, it was adopted for use by the whole NAWCWPNS command, the nomination continued.

Randall joined the federal workforce in 1972 as a GS-5 working on bomb racks in the NAVAIR Armament Division. Ten years later he transferred to NAVSEA and then one year later moved on to NWEF. He has been at the China Lake site of the NAWCWPNS for the past year and a half.

He has received numerous awards, including the Office of the Secretary of Defense Medal for Civilian Service (1992) and Navy Meritorious Civilian Service Award (1987).

As far as his tenure at Albuquerque goes, Randall feels it has gone full cycle. He helped to build it into a viable, recognized community throughout the nuclear world, and he helped shut it down.

"Virtually everyone there had been hired during my tenure," he said. "It (shutting the base down) was a horrible thing to have to do. I wouldn't recommend it to anybody. But if you have to do it, get everybody involved."



RECOGNITION—Capt. Roger K. Hull, NAWCWPNS vice commander shows off Scott Randall's Navy Superior Civilian Service Medal.

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McKINNEY from Page 1

Designated a naval aviator in 1971, McKinney was assigned to Tactical Electronic Warfare Wing 13 (VAQW-13), flying the A-6A. Subsequent assignments with VAQ-133 and VAQ-138, flying the EA-6B Prowler, saw deployments aboard *USS America*, *USS John F. Kennedy* and *USS Dwight D. Eisenhower*. During a second tour on *Kennedy*, he was named Commander Naval Air Force Pacific Tailhook Pilot of the Year for 1981.

That resulted from winning the highest grades for carrier landings aboard *Kennedy* that year and for saving two aircraft.

In one of the mishaps, the aircraft came off the catapult too soon and didn't have the momentum for a successful launch; so he had to make a quick decision. "My backseater ejected and we picked him up out of the water 45 minutes later," he said, "but I managed to skid to a stop several feet short of the bow."

In the other incident, when a landing gear failed to come down, he had to fly to a land base 600 miles away and landed on one wheel and a wing tip, with minor damage to the aircraft.

"So I was invited and went to the Tailhook convention on orders to receive my award. And," he said with eyebrows raised, "that was the only time I attended the Tailhook convention." He said it was a typical party of aviators, but didn't include any of the type of incidents he reported to have taken place during the 1991 event.

RAdm. McKinney became the NAWCWPNS commander Dec. 14, 1993, after serving with the A-6/EA-6 Program Office (PMA-234) in Washington, D.C., for six years. He was the deputy for A-6 development programs and for the EA-6B until May 1990, when he assumed command of PMA-234.

"The program manager is nominated and screened by the assistant secretary of the Navy (ASN) and charged with the cost, schedule and technical performance of their assigned programs," he explained. "He is directly responsible to the ASN for the success or failure of the program, and he is the customer of organizations like the Weapons and Aircraft divisions of the NAWC."

"For me that makes it interesting, because I've been the customer of places like the Weapons Division for the past several years, and now I'm the one who has to answer for accomplishing the work. So I bring to this job the customer point of view, because I've seen the other side of it, and I want to make sure we don't lose that focus. The fleet really drives the requirements and they're the folks we have to keep happy. Sometimes with all the reorganizations it's hard to keep in mind that our business is still to produce and test weapons and integrate weapons and aircraft systems."

When he spoke at the change of command ceremony in December, McKinney said it's understandable to fear change that's unknown and uncontrollable, but that it wasn't beyond the control of the people of the Weapons Division to determine the division's future structure.

"Folks in Washington have made it clear that the labs and field activities have thus far escaped most of the BRAC process and I think they look at those activities as the next big thing they're going to tackle," he said recently. "So that's going to happen. How it's going to affect the Weapons Division I have no idea. But I feel we're in a very strong position, based on the assets of both the Point Mugu and China Lake sites. With the inter-service cooperation we have with Edwards Air Force Base in the R-2508 airspace, we are really an example of how things are going to be run in the future."

"The Weapons Division has already gone through a lot of consolidation, and we've virtually eliminated

duplication among the sites. Our people have learned a lot of lessons and that makes us a lot more capable of dealing with change," he said.

Planning the transition to the NAVAIR competency aligned organization, he said, provides the opportunity to have change flow from the people of the Weapons Division.

"The NAVAIR competency aligned organization transition plan has just been signed by (NAVAIR Commander) Admiral Bowes," he said. "And during the next two or three months we'll be drafting the Weapons Division transition plan. So when I say 'letting change flow from us,' I mean that in drafting our plan we can chart our course with the general guidelines of the NAVAIR plan. If there are things that appear not to make a lot of sense to us, then we'll modify those plans."

"By October 1994 the activities are supposed to be internally reorganized along competency lines, and by October 1997 we are supposed to be fully integrated across all competencies throughout the TEAM." He said he sees that three-year period as a chance to try out the plan and refine it.

"My job over the next couple of years is to, as much as possible, comply with the spirit of the guidance we're getting and to be the advocate for the Weapons Division in terms of raising the issues that the plan brings up," he said.

"In other words, if we need to deviate from the plan, it's my job to go back and say, 'Here's how the plan lays things out; here's how things are working out when we implement the plan, and we need to refine the plan in these specific areas.'"

He said he realizes that the transition isn't going to be easy, that there will be areas that need to be ironed out in various parts of the organization, but that the TEAM will get through it. "The first step toward making it through," he said, "is for everyone to accept that the plan is going to be accomplished."

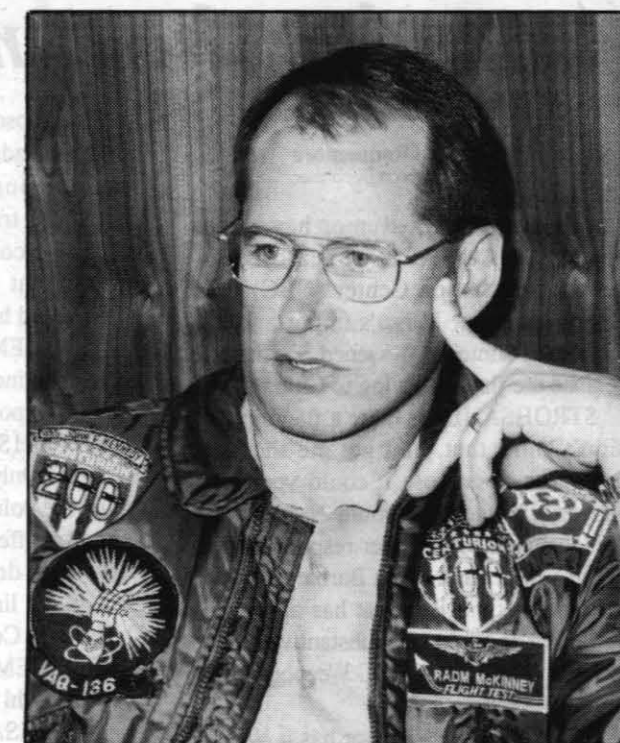
Vice Commander Capt. Roger K. Hull speculated at recent business conferences in Bakersfield and Ridgecrest that BRAC 95 may result in some functions coming to NAWCWPNS from closed bases. "While that's entirely possible," said McKinney, "it's important to keep in mind that the overall thrust of BRAC is downsizing. So if some functions do come to the division, I wouldn't expect a major influx of personnel or wholesale construction of new facilities."

McKinney's wife of 19 years, Anne Elizabeth, is a Navy lieutenant commander, who will soon become XO of the Naval Computer and Telecommunication Station London. "So very shortly we'll be stationed eight time zones apart for two years," he said.

They plan to visit each other about once each quarter, which he says is better than some of their previous arrangements. For instance, from 1984 to 1987 he was on a permanent forward deployment aboard *USS Midway*, first as XO, then as CO of VAQ-136, and she was with the Personnel Support Activity at Yokosuka, Japan, and worked with detachments across the Far East. But because regulations required that the *Midway* not be in port at Yokosuka more than a few weeks at a time, he was off on cruises most of the time.

While they have been stationed together since she entered the Navy, 13 years ago, their longest times apart came when he was on deployments to the Mediterranean, one of which lasted 11 and a half months.

In his free time, what little he has of it, he said he enjoys bike riding, hiking, scuba diving and skiing. He intends to take advantage of diving opportunities at Point Mugu, and he's looking forward to skiing Mammoth Mountain.



RAdm. Dana B. McKinney

Photos by Dan O'Connor, TID

An end to the rumors...the last of the series

By Kristine Roquemore
Technical Information Department

ROQUEMORE: Rumor has it that now there is a RAdm. at nearby Construction Battalion Center (CBC) Port Hueneme, Point Mugu's importance in the area is somehow lessened. Particularly since the flag is moving to China Lake.

STROHSAHL: Is there a flag there? I didn't know that. You got me there. If that's true, I suppose it could very well happen that the flag would end up with the local area commander responsibilities of the Ventura and Santa Barbara County. Just speculation. But, that has absolutely no impact at all on any substantive aspect of work within the NAWC Weapons Division.

ROQUEMORE: Rumor has it VAdm. Bowes' big push on training, (minimum 40 hrs), is nothing more than ploy. And the reality is that the total of all mandatory training (ethics, safety, sexual harassment etc.) will be the extent of this big training push.

STROHSAHL: Well, it's a shame that some people would think it's a ploy. I'm trying to think of where that type of impression would come from. It could only be because middle-level managers are in fact not endorsing it and are making it a ploy.

I can absolutely guarantee that VAdm. Bowes is adamant that we put a significant amount of our resources into employee training. A fundamental precept of a competency aligned organization is that we will be staffed by fully trained and highly capable employees.

ROQUEMORE: Rumor has it that voluntary incentives will be re-offered at \$60,000 a pop.

STROHSAHL: Hey, sign me up! (laughs) Only if military can do it too!! I think the voluntary incentives will continue to be offered from time to time as we have new downsizing goals to achieve. The upper limit as to how much that can be is up to Congress to decide.

ROQUEMORE: Rumor has it Admiral Strohsahl is retiring.

STROHSAHL: When?

ROQUEMORE: That's what inquiring minds want to know!

STROHSAHL: Sooner or later I will. I must by the summer of 1995. I'm required to retire at that time under the Defense Officers Personnel Management Act (DOPMA).

ROQUEMORE: And in the meantime?

STROHSAHL: I've made no retirement plans. It's a strictly personal decision for me to make at the appropriate time.

ROQUEMORE: Rumor has it VAdm. Bowes is retiring.

STROHSAHL: Similarly, he will retire in due course because his tenure under the law will have expired. Unlike civilians, military are forced to retire at various stages depending on rank. And, for flag officers the law says you are entitled to serve a maximum of 35 years of active duty or five years in grade, whichever is longer.

Translated VAdm. Bowes under the law is nearing the end of his active duty. But, no dates have been announced nor do I foresee any such announcement in the near future. I'd suggest asking him.

ROQUEMORE: What is the real number of people that are actually moving from Warminster to Pax River?

STROHSAHL: Actual bodies? Totally unknown. It's a personal decision for each and every person to make when the job offer is tendered.

ROQUEMORE: You mean the opportunity is there for every person to move though?

STROHSAHL: Oh no, no. All of the present employees of Warminster will not receive an offer for a job at Patuxent River. That's not new news either. When we embarked on this endeavor about 1,700 employees was the target number of job transfers. Much has happened

since then. What will be the exact number of job offers made? I anticipate it will still be in the general area of 1,700 employees.

Now how many people will in fact move to Patuxent River? We have no way of knowing. We sincerely hope that the vast majority of those who are offered a position accept it. But everybody is going to have to decide for themselves.

ROQUEMORE: What can you tell us about TEAM ConOps? Why are we doing this?

STROHSAHL: We're doing it for our survival. The defense budget and size of the Navy is dramatically decreasing. Modern management theory and practice have indicated that a competency aligned organization provides a maximally efficient organization. We can no longer afford to be aligned by sites—although the work will continue to be done at sites. In a nutshell that's why we're doing it.

ROQUEMORE: VAdm. Bowes' Commanders Conference statement about TEAM ConOps is causing concern particularly at the Weapons Division. Mainly, because he talks strictly about air programs and doesn't mention weapons programs. What can you tell your people that work for the NAWC to reassure them about the changes ahead?

Please see RUMORS, Page 13

RUMORS from Page 12

STROHSAHL: I didn't realize his statement just mentioned air programs. That's unfortunate. Weapons are as vital to our business as airplanes. Airplanes are a bigger piece of the business. But, that doesn't make weapons unimportant or unnecessary. It's just not as big. There is absolutely nothing we are doing that will change the role of the people who develop, test, and provide service support for weapons. We're not going out of the weapons business. We're not changing the mixture of our business. There is no change in that regard. That VAdm. Bowes neglected to use the word

weapons in his statement may be unfortunate, but there is no implication there. None.

ROQUEMORE: Admiral, is there anything you'd like to add?

STROHSAHL: I imagine most people are probably thinking, "What in the world are you guys doing?" I'll tell you. We just had a Commanders Conference and afterward VAdm. Bowes issued a statement of intent. Recently a senior management team put together a Plan of Action & Milestones (POA&M). This explains how we plan to get from where we are today to the new Competency

Aligned Organization of the future. We hope to have a complete outline and timetable by the first of the year. In that timetable there will be a series of steps to accomplish. Each of these steps will require detailed planning. So, in short we're laying out a plan that takes us to the end of the decade.

ROQUEMORE: And the people of the NAWC should just hang on to their hats and go with the flow?

STROHSAHL: When the NAWC stood up it was envisioned to be a field consolidation of our RDT&E activities with two operating divisions. We've

recently added the third—Training Systems Division. A small headquarters of this field organization emerged in Washington D.C., the NAWC Headquarters, to serve as the spokesman within NAVAIR for the field, and act as the integrator of the activities of the field. That role remains completely unchanged, but perhaps has become even more important as we attempt to move out with the planning and implementation of a different type of organization for the entire Team.

And contrary to all these rumors—we ain't going away!

Sailors have opportunity to return to sea early

By J03 Giles Gilbert
Pacific Fleet Public Affairs Office

Ahoy mate! Let's go back to sea!

The opportunity to return to the salt air, foreign ports and to collect sea pay could be yours sooner than you think.

In order to correct sea-shore manning imbalances resulting from decommissionings, reorganizations and personnel downsizing programs, the Bureau of Naval Personnel is making it easier to end shore-duty tours in the continental United States and volunteer for sea duty. "We developed this idea last June," said Pacific Fleet Career Counselor

NCCM (SW) Gary Rusk. "It allows the detailee more flexibility in manning ship billets and, if it works out well, we could make it a permanent opportunity."

Rusk said that each rate will be dealt with differently and that sometimes a shore billet could wind up being gapped (a situation where the billet is left unfilled for a period of time).

"If you plan on returning to sea early, you should contact your detailee at least three months in advance so that all the paperwork and logistics can be completed," said Rusk.

The most sought after ratings for early sea duty include boiler technician, boatswain's mate, quartermaster, signal-

man and storekeeper, although sailors in all ratings are invited to apply.

"For sailors who want to travel or receive sea pay, this is the ideal opportunity to go back to sea," said Tom Russell, director of enlisted assignments at BuPers.

According to Russell, each request will be considered on a case-by-case basis with the commanding officer's endorsement and billet availability among the criteria considered during the approval process.

Command career counselors and detailers can provide more information for interested sailors.

Sea Cadets need female volunteers

Adult female volunteers, military or civilian, are needed in the NAWC 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

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No. P73-001-MG4, (1) Electric Power Controller Leader, WL-5407-10, Navy Air Weapons Station, Public Works Department, Utilities Operations Branch, Santa Cruz Island Utilities Operation Section, P73623—Area of Consideration: Current Appointable Navy Employees on the Oxnard Plain. **Opening Date:** 2-24-94. **Closing Date:** 3-24-94. **Selecting Official:** Lt. Pastrana, (805) 989-1413. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent carries out Power Plant Operator duties, pumps and treats potable water, assists in off-loading supply vessel, assigns tasks to workmen of various trades to accomplish a variety of maintenance, emergency repairs, and services. Prepares daily time records and associated reports such as sick and/or annual leave. Evaluates service calls and work orders to determine nature and scope of work to be accomplished in order to make proper assignment of workmen. Responsible for the operation and maintenance of the following station utilities components: electrical power generation plant and power distribution network including underground power feeders, transformers, and related switching; individual boiler plants and heating systems; and air conditioning systems in various buildings. **Job Elements:** Ability to do the work of the position without more than normal supervision as demonstrated by the ability to perform the duties of the position (see Summary of Duties). **Quality-Ranking Factor(s):** Knowledge of power generation and distribution, heating, registration, water, fuel, and sewage systems.

Note: A physical examination administered by base medical personnel may be required to determine fitness for duty in terms of specific physical capability deemed necessary by management.

No. P73-003-MG4, (1) Shops Clerk (Typing), GS-303-05, Naval Air Weapons Station, Public Works Department, Maintenance Division/Mechanics Branch, San Nicolas Island Maintenance Shop, P73731—Area of Consideration: Current Appointable Navy Employees on the Oxnard Plain. **Opening Date:** 2-24-94. **Closing Date:** 3-24-94. **Selecting Official:** Rudolph Alcantar, (805) 989-7081. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent receives and processes emergency service calls via telephone, memo, or personal contact from various activities on San Nicolas Island. Forwards service calls to the appropriate shops for work logbook when service to customers is completed. The incumbent serves as the office manager maintaining office files, billing and personnel rosters, and acts as billing clerk for all Public Works personnel on temporary additional duty orders to the Island. Serves as point of contact for all manifesting and reservations of TDY personnel to San Nicolas Island in the Public Works Shops, Administration, Environmental, and contracted Personnel Departments. Establishes office procedures using own initiative. Establishes and maintains unit correspondence files, records, and reports. Responds to and resolves administrative problems and inquiries; processes incoming and outgoing calls and visitors; and prepares and types all letters, forms, messages, and other material pertaining to general clerical procedures. Incumbent acts as division timekeeper, filling out Public Works personnel's time and labor cards, then ensures that all time and labor cards are accurate prior to submission to payroll. **Quality-Ranking Factor(s):** Knowledge of grammar, correspon-

dence rules, and formats as related to the clerical and administrative functions. **Note:** A physical examination administered by base medical personnel may be required to determine fitness for duty in terms of specific physical capability deemed necessary by management.

REASSIGNMENT OPPORTUNITIES

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

REASSIGNMENT COLUMN

No. C023-001 KN94, (1) Supervisory Research Chemist, DP-1320-4, C0235, Head, Chemistry Division of the Research Department—Area of Consideration: NAWCWPNS. **Opening Date:** 2-24-94. **Closing Date:** 3-10-94. **Selecting Official:** Dr. R. L. Derr (619) 939-3523. **HRD Contact:** Kym Noh (619) 939-2393. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** The Division specializes in basic and applied research in the chemistry of energetic materials, polymeric materials, optical and electronic materials, non-linear optical materials, and instrumental analysis as applied to process diagnostics and materials characterization. The applicant must be an advocate for basic research and technology transfer. The incumbent will provide broad direction and goals in basic research as well as specific guidance in research applied to Navy needs. The incumbent will be responsible for long-range needs of the Division for personnel, space, facilities, etc. As the Division leader, he/she must be able to communicate with all levels of NAWCWPNS management as well as sponsors outside NAWCWPNS. A Ph.D. in Chemistry/Chemical Engineering preferable; communication and leadership skills are desirable. To apply, send an updated SF-171 to Dr. R. L. Derr, C023. **Notes 2 and 4 apply.**

NATIONWIDE

No. P73-002-MG4, (1) Environmental Engineer, DP-0819-3, Naval Air Weapons Station, Public Works Department, Environmental Division, Environmental Engineering Branch, P7321—Area of Consideration: Current Appointable DOD Employees Nationwide. **Opening Date:** 2-24-94. **Closing Date:** 3-24-94. **Selecting Official:** Ron Dow, (805) 989-7412. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** The incumbent plans, schedules, coordinates, and/or conducts detailed phases of technical work in part of a major project or in a total project of moderate scope. Invents, conceives, plans,

NSTEP POSITION

The following is a 1-year NSTEP assignment to the Office of the Chief Scientist/Technologist (NAWC-01T1), NAWC Headquarters, in Washington, D.C. Only scientists and engineers at the DP-3 and DP-4 levels, with a minimum of 3 to 5 years' experience at NAWCWPNS are eligible to apply.

Applicants must have a broad technical engineering and management background with acquisition programs and must be familiar with SYSCOMS, OPNAV, OCNR, and other Navy Laboratory/Center communities. The incumbent will work directly with and provide support to the Director of Science and Technology on Special S&T studies with NAWC and will interface with ONR, ONT, and NRL on technology base program execution and evaluation. The incumbent will assist the director of S&T in providing a focal point and leadership for science and technology for NAVAIR. A security clearance at the Secret level is required.

Job-relevant criteria include the abilities to provide scientific, technical, and professional engineering advice and guidance on substantive technical aspects of the overall S&T program; analyze resource support, including staffing, funding, and capital investment required to carry out an S&T program fully responsive to NAWC requirements; work with technology base program managers in the Aircraft and Weapons Divisions to ensure that NAWC S&T program interests are fully represented in Washington; and conduct special studies covering future technology base planning and resource requirements for the Chief Scientist/Technologist.

For further information about the assignment, contact former incumbent Dr. William Clark, C0251, (619) 927-1809 or DSN 469-1809.

Apply by submitting a current SF 171 to C6201 (Saundra Wydra, Bldg. 2335, Room 202, (619) 939-2434) or P625 (Genevive Zavala, Bldg. 211, (805) 989-3318) by COB on 10 March.

and/or conducts research, design, development, and/or test and evaluation in problem areas of more than average difficulty and complexity. Formulates, analyzes, models, evaluates, advises, or performs design studies on the feasibility, suitability, adaptability, and/or operational utility of systems and system concepts. Plans, arranges, schedules, conducts, collects data, and/or analyzes results of test of major technical and organizational impact. Serves as a technical staff specialist and consultant for an organizational impact. Serves as a technical staff specialist and consultant for an organizational group responsible for the application of advanced concepts, techniques, or evaluations. Serves as a technical manager in part of a major program or of a smaller total program requiring substantial interfacing, controlling, directing, coordinating, planning, and scheduling across broad organizational lines and interaction with top NAWCWPNS management, sponsors, other agencies, and/or private industry. Prepares and writes proposals to sponsors soliciting support for NAWCWPNS activities. **Quality-Ranking Factor(s):** Knowledge of environmental engineering principles and practices.

No. NSC-002-SH3 (1) Interdisciplinary, GS 855/805/1550-11/12, Electronics Engineer/Electrical Engineer/Computer Scientist, Naval Satellite Operations Center (NSOC)—Area of Consideration: Current appointable DOD employees nationwide. **Opening Date:** 2-10-94. **Closing Date:** 3-10-94. **Selecting Official:** Lt. R. LaRock, (805) 989-4224. **HRD Contact:** Sylvia Henning, (805) 989-3238. **Permanent Change of Duty Station Expenses Authorized:** No. **Summary of Duties:** The incumbent serves as a Telemetry and Communications Systems Engineer in the Naval Satellite Operations Center. Performs planning and analysis to carry out assigned projects. Defines resource allocations and schedules accordingly. Coordinates inputs, problem reports, and technical questions from outside user agencies. Performs design and development of telecommunication networks and performs modifications to existing systems. Uses working knowledge of telemetry modifications to existing systems. Uses working knowledge of telemetry formats and modulation types, ground station hardware, IIRIG signals, data conversions and techniques, software specifications and requirements, and system/circuit designs to complete assigned projects/projects. Documents recommended solutions.

No. P73-004-MG4, (1) Electronic Alarm System Mechanic, WG-2601-5/8/10, Naval Air Weapons Station, Public Works Department, Maintenance Division, Electrical Branch, Electrical Distribution Shop, P73732—Area of Consideration: Current Appointable DOD Employees Nationwide. **Opening Date:** 2-24-94. **Closing Date:** 3-24-94. **Selecting Official:** Rudolph Alcantar, (805) 989-7081. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** At the target level incumbent performs the following maintenance functions: inspects, cleans, tests, disassembles, diagnoses malfunctions, modifies, repairs, replaces defective components, performs this service on the following types of electronic equipment and systems: solid-state microwave, ultrasonic, and capacitance detection security anti-intrusion alarm systems, base-wide alert systems, electrowriters, strobe light testing devices for aircraft navigational aids, capacitance devices related to primary electrical power distribution substations, solid-state key telephone line cards, central telephone office tone generators related to Autovon signaling systems, audio amplifiers, cable fault locators, electronic secretaries, sound systems, recorders, computers in security alarm systems, card readers, interface units, and solid-state and mechanical-type fire alarm systems. Performs the following installation functions: assembles, prefabricates, modifies, and interfaces from various base locations numerous types of electronic security and anti-intrusion and computer alarm detectors to one monitor central control console and other electronic systems such as base-wide alert sound systems, communications, and fire alarm systems. Performs an operation test and makes necessary adjustments and/or corrections to ensure optimum performance of systems. **Job Elements:** Ability to do the work of the position without more than normal supervision as demonstrated by the ability to perform duties of the position (see Summary of Duties). **Quality-Ranking Factor:** Knowledge of electronic fire alarm systems theory and ability to apply this knowledge in solving problems.

Note: A physical examination administered by base medical personnel may be required to determine fitness for duty in terms of specific physical capability deemed necessary by management. **Note 1 applies.**



NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS

ALL FOUR SITES GENERAL ANNOUNCEMENTS

SPRING AND SUMMER TRAINING SCHEDULE

The spring and summer training schedule will be published in the 10 March issue of the announcements section of the Rocketeer and the Missile. Retain this section for use in planning training for the second half of the fiscal year.

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
January	3.40%	1.33%	0.51%
Last 12 Months	12.90%	8.92%	6.07%
C Fund—Common Stock Index (Stocks)			
F Fund—Fixed Income Index (Bonds)			
G Fund—Government Securities			

NAVY DISCONTINUES OVERSEAS VACANCY LISTING

The Office of Civilian Personnel Management has stopped publishing the "Overseas Job Vacancy Listing" (yellow bulletin). Overseas Human Resources Offices will advertise their own vacancies through the Navy Bulletin Board System, through the Federal Research Service Publication, or through the Federal Jobs Digest. This was a sudden move and they apologize.

NAWCWPNS employees interested in overseas employment may still view these announcements in the Human Resources Department at Point Mugu, Bldg. 211, or China Lake, Bldg. 02335, Room 100.

MANAGEMENT BOOK DISCUSSION GROUP

A Management Book Discussion Group is forming. The first meeting will be held on at the Training Center, Bldg. 00947 on 4 March at 1130. The group will be presented with reviews of three current management books each month and will select one to read and discuss the following month.

If you cannot attend but are interested in participating, contact Barbara Vaughn at 939-1576 or Roger Peck at 939-0874.

WACOM LUNCHEON MEETING

Due to a scheduling problem, the March WACOM luncheon meeting will be held at the Carriage Inn on Tuesday, 8 March with a social period at 1100 and lunch at 1130. The luncheon will cost \$8.50 this month only. This month's meeting will feature DeWayne Fulton and Paul Hurst, two fabulous harpists who provide a sensational duo performance, playing everything from show tunes to jazz to ragtime on the harp. These



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:

- To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.
- To update employees' knowledge and background in their job specialty.
- 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:

- The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.
- 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.
- 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.
- 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.

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.

CHINA LAKE GENERAL ANNOUNCEMENTS

accomplished performers have worked with many famous stars and have a number of albums to their credit. Members can make reservations by calling Grace Smith at 375-1142, Theresa Davis at 446-3246, or Mavis Royer at 375-4071. (C86)

CSUB COUNSELORS ARE COMING

Academic counselors of California State University, Bakersfield will be at China Lake on 9 March to advise current and prospective students in the external degree programs offered by the school at China Lake. The program leads to a bachelor's degree program in business administration, a master's degree program in administration, as well as a certificate program in environmental management. To make an appointment with one of the counselors, call Denise at 939-2648.

50TH ANNIVERSARY VIDEOS AND PHOTOGRAPHS WANTED

The Video Projects Branch is collecting home videos and photographs taken during the 50th Anniversary Celebrations

for inclusion in our archives. If you photographed anything—people, events, displays—we would love to see it. Your videos and photographs will be duplicated on videotape and promptly returned to you. Materials should be brought to our office, Bldg. 2334, in the Old Community Center on Blandy across from the Headquarters Building, or contact Mark Pahuta, C6423, at 939-3819.

TECHNICAL LIBRARY CUSTOM DATABASE

The Technical Library is establishing a database of customers and their QuickMail addresses. This database will be used for announcements, daily routine, and special contact with customers. We presently have everyone who uses a Macintosh computer in our database, but we are missing all you folks who use something other than a Mac to read and send QuickMail. If you are a registered customer of the Library and would like to be included in our database, contact the Technical Library by either QuickMailing us at address Tech Lib, in the C64

MailCenter, or call us at 939-3389; leave your MailCenter and address. If you are not a registered user of the Library but would still like to be included in our database, call us. (Technical Library Division, C643, 939-1017.)

AIR WEAPONRY TECHNOLOGY PROGRAM CALL FOR PROPOSALS, FY95 PLANNING PROCESS

Planning for the FY95 Air Weaponry Technology Program (AC1A) is currently under way. The AC1A program is concerned with exploratory development (6.2 RDT&E funding) and contrasted with B&P and MSI efforts (more marketing and mission support oriented) should include small-scale proof-of-concept, somewhat mission-focused topics. The resultant products may consist of tools and models to support design analysis and performance definition, testbeds to evaluate design approaches, components that will enable system or subsystem performance, or advanced concepts in order to define technology objectives and technical issues. AC1A will consider high-value

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).

topics concerning both air- and surface-launched weaponry and air-platform fire-control systems.

There will be an initial screening of recommended topics on 7 March. Topics and ideas should be forwarded to the appropriate technology manager listed below by that date. We are currently interested in the following topic areas:

Technology for countering low observables (fuze/guidance and control/fire control areas), technology for near real-time battle damage indication (guidance and control/others), and technology for affordability for weapons (all areas).

To obtain more information or to discuss your ideas and proposals, contact the following individuals: Fire Control, Wayne Tanaka, 939-8926; Guidance and Control, Dave Burdick, 927-3448; Fuze, Larry Stephens, 927-3714; Ordnance, Al Lopez, 927-2900; Airframes, Craig Porter, 939-2824; Propulsion, Fred Zarlino, 939-7620; Systems Investigations, John Irving, 939-8800; Target Signatures, Gerry Powell, 939-4184.

CAREER TRANSITION CENTER LIBRARY

The Career Transition and Placement Center located in Building 02330, the white trailer behind the Training Center, has a library of books (and some videos) dealing with career transition. The two newest books are *Time Out, How to Win in Retirement or the Second Career*, by Ronald Garrison and *Ready or Not, A Handbook for Retirement*, from the Manpower Education Institute. The library is open from 1300 to 1400 each workday.

FREE NOVELL SEMINARS

A free seminar addressing Electronic Messaging and Connection to the Internet will be offered on 3 March from 0900 to 1200 in Santa Barbara. Space is limited for this technically oriented seminar.

For more information contact Barry Taugher of OASYS at (805) 683-3030.

RETIREMENTS AND FAREWELLS

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

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

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

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

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

ATTENTION PROSPECTIVE RETIREES: JOB OPPORTUNITIES

There are three Southern California contractors who are actively looking for applicants in the following areas: technicians, engineering services, software, multi-media, management, engineering, computer scientists, logisticians, programmers, analysts, CADD operators, and word processors. Military and civilian personnel who have any of these skills should bring a resume to the TAMP office (Admin. Bldg., Room 1017), and pick up the additional paperwork required. The deadline for applying for these positions is 3 March.

TAMP NOTES

Starting and Operating a Home-Based Business Seminar

A seminar titled "Starting and Operating a Home-Based Business" is being held at the Training Center on Saturday, 26 February from 0800 to 1630. The seminar is being presented by SCORE of the Small Business Administration. The cost is \$10 for a half-day session and \$25 for a full-day session. For more information or reservations, call Tammy at 939-2451.

Home Buyer's Seminar

The TAMP office is sponsoring a "Home Buyer's Seminar" at the Training Center, Room 203 on Wednesday, 16 March from 1100 to 1300. The speakers are professional volunteers from the Kern County area and will cover topics such as the advantages of buying a home, sales contracts, financing options, qualifying, Veteran's home loan benefits, etc. Military

and dependents have priority; DOD civilian employees may attend on a space-available basis. Attendees are encouraged to bring a "brown bag" lunch. To register, call the TAMP office at 927-1545 by 9 March.

"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, or by calling John Dipol at 375-2610 or Becky Sorge at 446-6407.

TECHNICAL LIBRARY CD-ROM HOLDINGS

The staff at the Technical Library, located at the north end of the Mich Lab compound, would like to invite everyone to come in and use the library's extensive holdings of CD-ROMs. Recent additions on disk are the Pentagon Library and the National Defense University holdings. The Defense Library on Disc contains over 220,000 records, including items in the fields of international security affairs, defense policy, military history, resource

RETIREMENT

CHARLENE NEFF

Charlene Neff is retiring after 20 years of federal service. A retirement dinner will be held in her honor at the Carriage Inn on 4 March. A no-host happy hour will begin at 1800, followed by a buffet-style Polynesian dinner at 1900. The cost is \$16 per person including tax, gratuity, and gift contribution. For tickets or presentations, contact Pam Blackwell at 939-3044 or Jeanne Printy at 939-8430 by 28 February. Advance tickets are required.

management, and the art of war. Most of these items can be obtained through the Interlibrary Loan service of the Technical Library. For a complete list of CD-ROM holdings, contact the Technical Library at 939-3389/1017.

EDD EXPANDING SERVICES

The California Employment Development Division (EDD) has recently expanded the focus of their services to include currently employed individuals. They invite interested NAWCWPNS employees to join Hi Desert Experience Unlimited (HIDEU), a self-help group for those seeking to make a job or career change.

Resumes will be sent out to prospective employers within the next 2 weeks. For more information contact the EDD office at 446-7401.

DEALING WITH DIFFICULT PEOPLE (8 hrs.)

29 March; Tuesday, 0800-1630; Surfside, Cloud 9 Room. By: Marion Lapan

Designed to assist employees to be personally effective face-to-face and on the phone with telephone clients, co-workers, and supervisors. Skills will be learned in dealing with negative confrontations and the "difficult" personality type. These skills can improve overall human relations and reduce negative stress.

JOINT TRAVEL REGULATION: TEMPORARY DUTY TRAVEL (24 hrs.)

30 March-1 April; Wednesday-Friday, 0800-1630; Surfside. By: Edward T. Dappen

Topics include applicability of the Joint Travel Regulations, Vol. II, commercial transportation modes, privately owned conveyances, per diem, actual subsistence, miscellaneous expenses, overseas travel, travel authorizations, emergency travel, government charge cards, and travel vouchers. Participants learn to identify travel allowances and entitlement of DOD civilian employees on TDY; determine eligibility for reimbursement; compute TDY travel allowances; and resolve complex entitlement problems.

ADMINISTRATIVE POLICIES AND PROCEDURES FOR SUPERVISORS (32 hrs.)

30-31 March and 6-7 April; Wednesdays-Thursdays, 0800-1630; Surfside, Cloud 9 Room. By: Center Staff

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 of the DEMO system), discipline (problem behavior, poor performance) and other topics of interest to supervisors.

EXCEL, BEGINNING (16 hrs.)

4-5 April; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Basic Macintosh operating skills.

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

MS-WINDOWS, INTRODUCTION (16 hrs.)

4-5 April, Monday-Tuesday, 0800-1630, Bldg. 5-1, Room 23. By: COMSKIL

Prerequisite: Prior PC experience. This course introduces the user to basic

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

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

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

Prerequisite: LOTUS 1,2,3, Introduction. This course presents the various Range commands, File commands, and Data commands on this spreadsheet program. Students will learn how to password protect worksheets, change the default settings, and use table lookups on the IBM compatible.

WORDPERFECT FOR THE MAC (8 hrs.)

6 April; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Computer Focus

This course is designated for Macintosh users who want to use Wordperfect to create, revise, and print word processing documents.

CPR BASIC PROVIDER (8 hrs.)

7 April; Thursday, 0800-1630; Bldg. 5-1, Lounge. By: St. John's Regional Medical Center

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

WORDPERFECT, INTRODUCTION (8 hrs.)

7 April; Thursday, 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.

WRITING AND UPDATING YOUR SF-171 (2 hrs.)

7 April; Thursday, 1100-1300; Surfside, Cloud 9 Room. By: Julie Streets, P622

Learn how to write an effective SF-171. Information will be presented on the best approach to completing each element of this job application form. There will be particular attention to wording/writing the experience blocks on your application and accurately reflecting your skills, abilities, and accomplishments.

WORD, ADVANCED (16 hrs.)

11-12 April; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Computer Focus

Prerequisite: MS Word Introduction. In this course you will learn how to use style sheets: automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing styles; tables: multiple page tables, combining, merging and splitting cells, sorting in the table; advanced graphics: cropping, resizing, position command, flowing text around the graphic; indexes, custom menus; advanced formatting; tips; and keyboard shortcuts.

POINT MUGU GENERAL ANNOUNCEMENTS

TRIP REDUCTION PROGRAM

THE ADVANTAGES OF CAR POOLING

To participate in the Trip Reduction Program use alternate means of transportation (any mode of transportation other than a single-occupancy vehicle) to commute. There are many reasons for car pooling, depending on your personal values and needs. They include, but are not limited to, the following:

1. To reduce air pollution and traffic congestion problems. Motor vehicles are the culprits that spew more than 60% of the toxic emissions into our region's air.
2. To save personal transportation costs (such as gasoline, vehicle maintenance, repair, and depreciation costs).
3. To help Command reduce overhead costs and meet the average vehicle ridership goal established by Ventura County.
4. To reduce dependence on foreign oil.
5. For car/van poolers—good company, less stress, extra help in case of emergency, etc.
6. To receive Command benefits under the Trip Reduction Program, including preferential parking and the guaranteed ride home program for all registered NAWCWPNS employees and the Special Liberty Program for registered NAWCWPNS military personnel.

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.

OPERATIONS DIVISION NEWS

MERIT PROMOTION

ALL FOUR SITES

No. C00-008-SK4, Secretary (Typing), DG-318-2/3, C00—Area of Consideration: NAWCWPNS. Opening Date: 2-24-94. Closing Date: 3-11-94. Selecting Official: Johnny Howard, (619) 939-2290. HRD Contact: Susan Koch, (619) 939-8120. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: The incumbent provides secretarial and administrative support to the Flag Administration Officer, Naval Air Warfare Center Weapons Division, located at the China Lake site. The incumbent performs functions which include independent actions to accomplish communication and administrative details within the scope of the Command Staff's responsibility. The incumbent's responsibilities include, but are not limited to, receiving and screening calls and visitors from all levels of the internal organization and external organizations including other federal, state, and local agencies; originating and preparing correspondence; reviewing all correspondence for Command Staff (i.e., COMNAWCWPNS, Vice Commander, Executive Assistant, Flag Administration) signature, ensuring appropriate content, grammar, formatting, etc.; maintaining the Flag Administration Officer's appointment, travel, and flight calendars, using discretion in determining priorities; and providing guidance and direction to directorate clerical personnel. Incumbent must be able to obtain and maintain a Secret clearance. Incumbent will be functioning as the secretary for the NAWCWPNS Commander and Vice Commander during the absence of the lead secretary. Quality-Ranking Factor(s): In-depth knowledge of NAWCWPNS mission, organization, and personnel; ability to exercise tact and diplomacy, as well as knowledge of protocol in dealing with the public; ability to communicate well both orally and in writing; knowledge of DOD, Navy, and NAWCWPNS correspondence, policies, and instructions and skill in using ADP

equipment as it supports secretarial and communications functions.

Note 1 applies.

CHINA LAKE ONLY

No. C0014-007-SK4, Secretary, DG-318-3 (Temporary Promotion NTE 1 year), BRAC Project Office, C0014—Area of Consideration: China Lake. Opening Date: 2-24-94, Closing Date: 3-1-94. Selecting Official: Matt Anderson, 927-1839. HRD Contact: Susan Koch, 939-8120. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent will provide secretarial and administrative support to Head of the BRAC Project Office. This position may be extended for an additional year. Quality-Ranking Factor: Ability to manage calendar, proficiently operate PC, and prioritize workload. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential DG-3.

OXNARD PLAIN

No. NARS-002-94, (1) Accounting Technician, GS-525-4/5/6, Comptroller Department, Naval Air Reserve (NAVAIRES)—Area of Consideration: Current Appointable DOD employees on the Oxnard Plain. Opening Date: 2-24-94. Closing Date: 3-24-94. Selecting Official: Commanding Officer M. G. Kellard, (805) 989-7161. HRD Contact: Colleen Smith, (805) 989-3317. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent performs a variety of duties in connection with the maintenance of ledger accounts and memorandum records in support of base operations, flight operations, flight support, and RPN programs at NAVAIRES, Point Mugu for current and prior years. Applies knowledge of memorandum and official accounting systems, policies, and procedures in performing the examination, verification, and maintenance of accounts and accounting data for all programs within the activity.

SOFTWARE AND DOCUMENTATION AND DATA (24 hrs.)

4-6 April; Monday-Wednesday, 0800-1630; Bldg. 5-1, Surfside, Cloud 9 Room. By: Software Certification

This course provides planning, policies, systems, and procedures for the identification and control of data requirements; timely and economical acquisition of data; assuring the adequacy of the data for its intended use; and proper distribution or communication of the data. Other topics include definitions, acronyms, and standards; acquisition process; technical, administrative, and software documentation (DOD-STD-2167A); CDRL/DID; data manager; data management plan; CALS; impact of MIL-T-31000, DOD-5010.12-M, and data processing.

BASIC ELECTRONICS (40 hrs.)

11-15 April, Monday-Friday, 0800-1630, Surfside, Cloud 9 Room. By: Chuck Lewis, C2943

This course provides the student with knowledge of DC circuit components, circuit analysis, and hands-on measurements of DC circuits. These calculations and hands-on measurements include resistance, voltage, and current measurements of DC series and parallel and series/parallel circuits. The student will develop theoretical and practical skills in voltage divider networks commonly used in electronics. The practical laboratory exercises are used to support the theoretical information. Quizzes, written, and practical evaluations are provided.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING**MS-WINDOWS, INTRODUCTION (16 hrs.)**

28 February-1 March; Monday-Tuesday, 0800-1600; Bldg. 5-1, Room 23. By: COM-SKIL

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, 0800-1600; 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.

OFFICE MANAGEMENT (16 hrs.)

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

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

FINANCIAL STRATEGIES FOR SUCCESSFUL RETIREMENT (12 hrs.)

8, 10, 15, 17 March; Tuesdays and Thursdays, 1700-2000; Surfside, Cloud 9 Room. By: Stephen Kipp

An information series to help you become acquainted with available financial options that you can use to prepare for a financially secure retirement.

PRE-RETIREMENT SEMINAR: PLANNING YOUR FUTURE TODAY (6 hrs.)

8-9 March; Tuesday-Wednesday, 0800-1630; Bldg. 5-1, Auditorium. By: Louise Berman

Employees preparing for retirement face numerous decisions and adjustments. For some, uncertainty about the future creates anxiety and stress. This course equips pre-retirees with information, materials, and methods to cope with these changes and to begin planning for their retirement. Participants will have the opportunity to hear experts in the areas of retirement benefits, financial planning, estate planning, and health. Upon completion of this course, participants should be able to understand their federal retirement benefits and make plans concerning their retirement finances, activities, and lifestyle.

MACINTOSH, INTRODUCTION (8 hrs.)

9 March; Wednesday, 0800-1630; Bldg. 5-1, Room 30. By: Marjorie Hunter

Intended Audience: Beginners with little or no Macintosh experience.

This course is designed for the individual who is looking for a basic understanding of software as it relates to the hardware. Students will also learn the basic operations of the Macintosh.

EXCEL, BEGINNING (16 hrs.)

14-15 March; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Prior Macintosh experience.

This course introduces students to basic spreadsheet construction, building formulas, entering and editing data, creating charts, printing, and saving data.

BASIC SKILLS IN STATISTICS (32 hrs.)

14-17 March; Monday-Thursday, 0800-1630; Surfside, Cloud 9 Room. By: Neil Clayton

Intended Audience: Individuals seeking skills development in the use of elementary statistics.

Government employees in technical or analytical positions, including clerical, secretarial, and related office services, are frequently called upon to perform work of a statistical nature: collecting, editing, checking, tabulating, analyzing, computing, and presenting major portions of required data.

MANAGEMENT DYNAMICS FOR PROFESSIONAL WOMEN (16 hrs.)

15-16 March; Tuesday-Wednesday, 0800-1630; Surfside. By: Suzanne Hard

This course will integrate and reinforce the major objectives through the sessions. The focus will be on interactive, experimental learning, with time for analysis, feedback, and development of action plans. Reading, materials, films, small group exercises, and assessments will be utilized as learning tools.

CPR, BASIC PROVIDER (8 hrs.)

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

This cardiopulmonary resuscitation 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.

UNDERSTANDING CULTURAL AND GENERATIONAL DIFFERENCES (4 hrs.)

17 March; Thursday, 0800-1230 and 1330-1730; Surfside, Garden Room. By: Suzanne Hard

This course will look at the impact of various demographic groups in our workplace effectiveness. The course will demonstrate how to motivate, coach, and train personnel.

WORDPERFECT, INTRODUCTION (8 hrs.)

21 March; Monday, 0800-1630; Bldg. 5-1, Room 23. By: Tectra

Prerequisite: Prior PC experience.

In this course students will learn basic operations of word-processing, such as creating, printing, and saving documents; and editing, modifying, and enhancing those documents. Many functions and commands will be demonstrated.

WORD, BEGINNING (16 hrs.)

21-22 March; Monday-Tuesday, 0800-1630; Bldg. 5-1, Room 30. By: PCT

Prerequisite: Macintosh Introduction.

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

READING AND COMPREHENSION SKILLS (16 hrs.)

21 March and 1 April; Monday and Friday, 0800-1630; Surfside, Cloud 9 Room. By: West Coast University

There are several ways to increase reading speed and comprehension. The focus of this training is on three particular methods: Scanning, Skimming, and Surveying. The course features a hands-on approach that emphasizes accelerated reading methods, comprehension, discussions, and class speedreading practice drills. Training is designed to increase reading skills, improve comprehension rapidly, and find bottom-line information. Some of the topics covered include getting rid of roadblocks, using your hands and your head, how to find the bottom line, and paraphrasing and other shortcuts.

PERFORMANCE APPRAISAL/PROBLEM SOLVING (SUPPORTIVE CONFRONTATION) (16 hrs.)

22 March; Tuesday, 0800-1630; Surfside, Garden Room. By: M.A. Gallager

The purpose of this 2-day workshop is to agree on a model for supportive confrontation

SHORT COURSES AT NAVAL POSTGRADUATE SCHOOL, MONTEREY, CA

The Naval Postgraduate School at Monterey, CA, will be offering the following short courses:

Introduction to Engineering Materials (Materials Science and Engineering for the Navy/DOD Non-Specialist), 2-5 May; Introduction to Composites, 24-26 May; and Corrosion: Causes and Control, 2-9 June.

Nominations are open to all four NAWCWPNS sites. Flyers and registration forms are available at the Human Resources Development Division, P622, Point Mugu. For more information, contact Lily Horton at (805) 989-3987 or DSN 351-3987.

BASIC DATA MANAGEMENT

The Port Hueneme Division Naval Surface Warfare Center has scheduled Basic Data Management on 1-2 March from 0800-1600 at the NSWC Annex 5 Training Facility, 531 W. Hueneme Road, Oxnard. There is tuition cost for this course. For more information contact Nancy Gorski, Code 1H20, at (805) 982-0367

and to practice skills necessary to carry it out. Participants will examine conditions necessary for supportively confronting someone else's behavior. They will learn how to judge, advise, and analyze others; practice active listening; make observations and give complete messages. The workshop will also touch on what participants can do to support themselves if they unexpectedly find themselves being confronted.

WORDPERFECT, INTERMEDIATE (8 hrs.)

22 March; Tuesday, 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.

WORD FOR WINDOWS, INTRODUCTION (16 hrs.)

23 March; Wednesday, 0800-1630; Bldg. 5-1, Room 23. By: The Memory Co.

Prerequisite: Prior PC experience.

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

FILEMAKER PRO, INTRODUCTION (16 hrs.)

28 March; Monday, 0800-1630; Bldg. 5-1, Room 30. By: Saracen Interactive

Prerequisite: Basic Macintosh skills.

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

Presentation Method: Hands-On Workshop.

**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**Rosemary Short, C0808**

Rosemary is recovering from surgery.

Howard Gerrish, C2772

Howard obtained severe injuries in an accident.

Janice Henderson, C6335

Janice is caring for her brother while he is

Jennie Miller, P37121

Jennie is undergoing chemotherapy for bone cancer.

Alice Howard-Echols, P726

Alice is suffering from a major depressive disorder.

Bobbie Heidler, P7304

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

on dialysis awaiting a kidney/pancreas transplant.

Cathy Hannah, C6132

Cathy has been consistently readmitted to the hospital for congestive heart failure and diabetic gastroparesis following the birth of her premature son who is also under care.

Myrian Connors, P651

Myrian suffered fetal demise.

Caroline Dishman, P2202

Caroline is on maternity leave.

Melody Dates, P004B

Melody is recovering from brain surgery.

Cynthia Nunez, Code 5A32

Cynthia is on maternity leave.

Tamy Burns, C6505

Tamy is undergoing major surgery and will be off work recovering. She has exhausted all of her leave.

Pearl Mazulen, C8322

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

Brenda Davis, P625

Brenda is undergoing treatment for Lupes Erythematous.

Annette Zuniga, P3500

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

Sue Gonzales, P751

Sue's son has acute lympho-blastic leukemia.

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.

Nancy Olavarrieta, P0704

Nancy is on maternity leave.

Patricia Pratt, P30, Naval Air Reserve Training

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

HUMAN RESOURCES DEVELOPMENT DIVISION NEWS**ON-BOARD TRAINING COURSE SCHEDULE**

Nominations for courses should be submitted to the Human Resources Development Division at the site where the course is being held. To obtain a copy of the nomination form (On-Board Training Request NAWCWPNS 12410/2) contact your Administration Office or obtain one from Servmart/Telmart. 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 PROCESS (40 hrs.)**

28 March-1 April; Monday-Friday, 0800-1600; Training Center. By: Robert Olson, C02A03, and Charles May, Consultant

REQUIRED FOR ENROLLEES IN THE SEC OR SEDP PROGRAMS.

This course builds upon the Systems Engineering Management course by addressing some of the tools and techniques that are available to the systems engineer to realize the systems engineering objectives addressed in the Systems Engineering Management course. This is accomplished through a series of presentations, workshops, and class exercises presented in relation to the system life-cycle phases defined in DOD 5000, from the activities that occur prior to phase 0 through system disposal. Topics addressed in this course include (1) the context diagram, the system description, and the Work Breakdown Structure (WBS) and their interrelationship; (2) the service use profile, its purpose, and its uses; (3) the concept of operations document and its role in the evolving definition of the system; (4) Measures of Effectiveness; (5) Cost and Operational Effectiveness Analyses;

(6) requirements analysis; (7) states and modes; (8) functional flow block diagrams, Quality Function Deployment diagrams, and N-Squared diagrams; (9) selecting the best specification for the system/system element to be specified; (10) MIL-STD-973 and MIL-T-31000 and how they relate to the specification, drawing, and configuration control needs of systems engineering; (11) systems engineering's role in RFP preparation; (12) system design/system architecture design, including functional analysis and requirements allocation; (13) interface definition and control; (14) defining and leading an integrated interdisciplinary team; (15) risk identification, assessment, and control; (16) establishment and implementation of a technical performance measurement system; (17) design reviews; and (18) systems engineering planning. This course is based on practical experience rather than just textbook theories and uses examples from actual programs to illustrate the pros and cons of particular approaches. This class consists of presentations, classroom workshops and exercises, and a take-home test given at the end of the class. (It is expected that the Navy System Acquisition Management course and the Systems Engineering Management course will have been completed prior to taking this course).

Deadline: 14 March.

BASIC TELEMETRY (32 hrs.)

4-7 April; Monday-Thursday, 0800-1600; Training Center. By: Byron Edde, Consultant

Prerequisite: Sufficient technical background to understand the material presented.

This 4-day class is designed for technicians, support staff, engineers, and others who require knowledge of range telemetry. Students will learn the principles, techniques, and applications of modern range telemetry systems. The course presents the theory of information transfer and its application to electronic communication, including a comprehensive and comparative study of the various techniques used. This background material is then applied to telemetry and telemetry systems.

Deadline: 21 March.

C PROGRAMMING (40 hrs.)

11-15 April; Monday-Friday, 0800-1600; Training Center. By: John Francis, C2872

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

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

TECHNOLOGY REVIEW AND UPDATE FOR TECHNICAL PERSONNEL

25-29 April 1994, Naval Postgraduate School, Monterey, CA

This course is intended for military and civilian technical personnel who are interested in refreshing and updating their knowledge in the areas of radar and EW technology, software engineering, fiber optics, sensors, micrometer and millimeter wave technology, fuzzy logic, neural networks, and linear and digital integrated circuits. Each participant in this course is expected to be involved in work in at least one of the areas mentioned. The course provides an excellent overview and stresses the more practical aspects of the topics listed.

A DD-1556 (Off-Center Training Request Form) is required in order to attend this class. Submit DD-1556s to Dorothy Wiederhold, C622. The address shown on the DD-1556 should read:

Treasurer of the United States
Research Office, Code 82SC
Naval Postgraduate School
589 Dyer Road - Rm. 272
Monterey, CA 93943-5131

Cost: A J.O. is required to cover the cost of \$500.

Registration deadline: 4 April.

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

Presentation Method: Hands-On/Lecture
Deadline: 28 March.

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 Inventory, 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.

HOW TO READ NIF 009 (3 hrs.)

8 March; Tuesday, 1230-1600; Training Center. By: Larry Wailles, 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.

CAREER TRANSITION WORKSHOP (16 hrs.)

8 and 10 March; Tuesday and Thursday, 0800-1600; Training Center. By: Cerro Coso Staff
This workshop is designed for employees who, either by choice or by circumstances, are considering transitioning to other jobs, either on or off Center, or retirement. Since

the workshop also includes self-assessment of interests and abilities, development and evaluation of options, as well as resume writing and enhancing interviewing and job search skills, it also works equally well as a career expansion and career enhancement workshop.
To enroll call Tammy at 939-2451.

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-Thursday, 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.

PARENTING CLASSES (8 hrs.)

9 March-27 April; Wednesdays, 1130-1230; Bldg. 457 (on Blandy). By: Janet Presley and Linda Eberhart
This series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents of children newborn to 6 years old. The program will give participants an opportunity to develop skills and goals for parenting very young children. Books will be available for \$14.
To enroll call 939-2468.

PARENTING CLASSES (10 hrs.)

10 March-12 May; Thursdays, 1130-1230; Bldg. 457 (on Blandy). By: Ann Brestrup and Debra Oliver
This series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents of children ages 6 to 12 years old. Improving parent-child relationships will be the focus of the 10-week course. The method encourages mutual respect between parent and child, increased cooperation, and effective communication. Books will be available for \$14.
To enroll call 939-2468.

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 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.

PREVENTION OF UPPER EXTREMITY DISORDERS RELATED TO COMPUTER USE (1 hr.)

18 March; Friday, 1300-1400; Training Center. By: Cindy Gruhot, Consultant
This course will focus on cumulative trauma disorders and on the prevention of muscle and nerve disorders associated with computer use in the workplace.
To enroll call 939-2468.

GRAMMAR BRUSH-UP FOR WRITERS (8 hrs.)

21 March; Monday, 0800-1600; Training Center. By: Management Skills Associates
This course focuses on the most common mechanical errors in business and technical writing. A review and practice will be offered in "Writers English," including grammar, punctuation, vocabulary, and usage. This course complies with current GPO Style Manual.
To enroll call Pat at 939-3159.

EFFECTIVE COUNSELING AND INTERVIEWING (16 hrs.)

22-23 March; Tuesday-Wednesday, 0800-1600; Training Center. By: Bert Barer
This course is intended to sharpen the counseling and interviewing skills of supervisors. Course participants will fine-tune the techniques of gathering, analyzing, and sharing information and taking appropriate action. Course participants will practice and become skilled in (1) setting realistic goals for counseling and interviewing, (2) developing the proper physical setting for the counselor and subordinate, (3) using listening, coaching, and feedback techniques that produce the desired results, (4) managing confrontation with a difficult subordinate, (5) helping the interviewee to implement the resolution, and (6) identifying opportunities for coaching.
To enroll or ask questions, call 939-2686.

MOVING UP TO SUPERVISION (16 hrs.)

28-29 March; Monday-Tuesday, 0800-1600; Training Center. By: Suzanne Hard
Intended Audience: People who might be interested in becoming a supervisor.

SECURITY CLASS

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 Cathay Mattox at 939-2612.

MANUFACTURING TECHNOLOGY TRAINING

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)
To enroll call 939-3159.

GOVERNMENT CONTRACTING COURSE

408.3: GOVERNMENT CONTRACT PRICING (36 hrs.)

4 April-20 June; Mondays, 1700-2000; Training Center. By: Marcia Crabtree, 927-3776
Prerequisite: X408.1: Elements of Government Contract Administration or consent of instructor.
Intended Audience: Participants in the certificate program in Government Contract Management.
Course Objectives: Emphasis will be placed on government price analysis and audit; stress on FAR cost principles and cost-estimating methods; truth in negotiation; cost proposal and negotiation; cost accounting; direct labor cost and rates; indirect expense—overhead and G&A; learning curves, material, subcontract and other costs; profit; incentives; contract risk analysis; and changes, follow-ons, and terminations.
Text: Armed Services Pricing Manual, Volumes I and II.
Deadline: 28 March.
Enrollments are on a call-in basis. To enroll call Denise at 939-2648.
Note: Employees taking this course must sign a statement at the time of registration, promising to reimburse the Government if a satisfactory grade (i.e., "C" or better) is not obtained.

Participants will be given an overview to explore and examine issues that impact employees as they choose to advance in their careers and accept positions with supervisory responsibilities. Participants will identify and learn how to acquire skills that are critical to becoming a successful supervisor.
The following issues will be addressed:

- Examination and assessment of promotional opportunities.
 - The price one pays to advance into supervisory/management positions.
 - Determination if a new supervisory position serves your purpose and enhances your productivity.
 - Self-assessment.
 - Examination of competencies and skills that are required to supervise. (How are these different from "worker" skills?)
- To enroll or ask questions, call 939-2686.

BECOMING A MASTER OF CHANGE (8 hrs.)

30 March; Wednesday, 0800-1600; Training Center. By: Dr. Suzanne Hard, Consultant
This course is designed to examine the change process in the workplace. Emphasis will be placed on learning to view change as an opportunity and to develop attitudes that will help participants handle the stress of change.
To enroll call 939-2468.

DEALING WITH DIFFICULT PEOPLE (8 hrs.)

31 March; Thursday, 0800-1600; Training Center. By: Suzanne Hard, Consultant
This course is designed to assist employees to be personally effective face-to-face and on the phone with telephone clients, co-workers, and supervisors. Skills in dealing with negative confrontations and the "difficult" personality type will be learned. These skills can improve overall human relations and reduce negative stress.
To enroll call 939-3159.

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

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

FIBER-OPTICS, INTRODUCTION (32 hrs.)

28 February-3 March; Monday-Thursday, 0800-1630; 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 modulation 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.

NETWORK SERVICE & SUPPORT (32 hrs.)

7-10 March; Monday-Thursday, 0800-1630. By: Computer Focus, 422 Arnel Road, Suite C, Camarillo
Intended Audience: Engineers, managers, systems analysts, network planners and

CSUB SPRING COURSES

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

COURSES UNDER CONTRACT

To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Enrollments for courses will be on first-come, first-served basis, unless otherwise indicated.

ADM600: SEMINAR IN MANAGEMENT (5 quarter units)

30 March-1 June; Wednesdays, 1610-2110; Training Center. By: Professor Flanagan, CSUB
Scope: Examination and application of theories and concepts pertaining to the effective acquisition, allocation, and utilization of resources—human, financial and material—in pursuit of organizational objectives. Deals with the functions of management, including planning, organizing, controlling, directing, and staffing of complex organizations, as well as the processes of management, including leadership, decision-making, and communication.
Note: This is a core course for the bachelor's degree program in business administration through CSUB.

BA490: SEMINAR IN BUSINESS ADMINISTRATION (5 quarter units)

30 March-1 June; Wednesdays, 1610-2110; Training Center. By: Professor John Hulpke, CSUB
Prerequisite: BA370, BA374, FIN300, MGT300, MGT301, MGT302, or consent of instructor.
Scope: A terminal integrating course. Analysis of a wide range of policy decisions, with focus on the role of the executive in planning and implementing programs.
Note: This is a core course for the bachelor's degree program in business administration through CSUB.

Math477: LINEAR ALGEBRA (5 quarter units)

30 March-1 June; Wednesdays, 1610-2110; Training Center. By: Professor El-Ansary, CSUB, (805) 664-2130
Prerequisites: Calculus III or consent of instructor.
Scope: This course will cover the following topics: Systems of Linear equations; matrices; applications; n-dimensional real vector space; n-dimensional Euclidean Space; general vector space; linear transformations; eigen values and eigen vectors. Several applications to these topics will be explored. MATLAB software will be used. At least 1-1/2 hours each week will be spent in the PC Lab at the Training Center solving problems using MATLAB.
Note: This course satisfies a core course requirement for the bachelor's degree program in computer science through CSUC and a foundation course requirement for the master's degree program in computer science.

COURSE NOT UNDER CONTRACT

To enroll in this course, call Denise at 939-2648 to obtain a registration form. The form must be returned to C622, along with a check for \$425 payable to CSU, Bakersfield at least 10 days prior to the starting date of the course. Enrollments for courses will be on a first-come, first-served basis.
Note: Prior to registration; Civil service employees at China Lake taking this course and expecting to obtain tuition support must submit a DD Form 1556 (Off-Center Training Request) via department channels to C622 with a Job Order number supplied by their department and an "objective" statement explaining how the course is job related. For more information, call Cecil Webb at 939-0878.

PPA573: EMERGENCY MANAGEMENT (5 quarter units)

31 March-2 June; Thursdays, 1610-2110; Training Center. By: Professor Brady, CSUB
Scope: This elective seminar surveys public and private sector responses to emergencies, disasters, and crises. Private and volunteer agencies and federal, state, and local government roles are discussed. Emphasis is on public policy development and inter-agency/intergovernmental relations. There will also be a discussion of emergency management phases: mitigation, preparedness, response, and recovery, and consideration of technological and man-made hazards and natural disasters including floods, earthquakes, civil disorder, and terrorism.
Note: This course is an elective for the master's degree program in administration through CSUB and an elective in the certificate program in environmental management.

POINT MUGU COURSES

designers, technical support personnel, or equivalent experience.

Prerequisites: A good understanding of NetWare concepts and proficient in the use of NetWare utilities.

This course provides the participants the opportunity to improve their skills in network planning and to effectively manage and support the local area network.

ADA, INTRODUCTION (40 hrs.)

14-18 March; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis, C2872
Intended Audience: Engineers, computer specialists, programmers, and other technical employees.
Prerequisites: Proficient in at least one of the following languages: Algol, C, COBOL, FORTRAN, PASCAL, or PL/I.

This course provides hands-on experience where students are introduced to the major features of this DOD-developed language with a PC-based Ada (DOD standard) compiler. Students will be able to make an informed decision as to the applicability of implementing Ada. Topics include Ada and Software Engineering, overall Ada style, Ada types, control statements, subprograms and parameter passing, packages, timing, exception, generic, separate compilation, I/O, tasks, concurrent programming, and rendezvous.

Students must complete several programming lab assignments, which will re-emphasize the above topics.

RADIO SYSTEMS, PRINCIPLES AND PRACTICES (32 hrs.)

21-24 March; Monday-Thursday, 0800-1630, Surfside, Cloud 9 Room. By: Quintech Corp.
Prerequisite: Should have sufficient technical background to understand the materials presented in the basic mathematics, electronic devices, and circuits.

This course provides the basics of radio communication, along with the major components of these systems, transmitters, antennas, and receivers. Major topics include principles of radio communication; noise and signal-to-noise ratio; modulation amplitude (AM), frequency (FM-wide-and-narrow-band), and phase (PM) modulation signals; and analog and digital multiplexing.

AIR-TO-GROUND MISSILE SYSTEMS (32 hrs.)

28-31 March; Monday-Thursday, 0800-1630; Bldg. 5-1, Lounge. By: Evolving Technology Institute
This course covers all of the air-to-ground missile subsystems. The principal objective of the course is to update practicing engineers on active, semi-active, and passive

sensors, and GPS/Inertial Systems as used in modern missile guidance and control. This training provides an overview if the design is tactical air-to-ground missile with the emphasis on modern seeker technology. The course covers design considerations of the autopilots, the missile guidance equations, the seek and track loops, as well as the missile development process. The course addresses the application of modern control systems theory to the problem of accurately controlling and guiding a missile to its target.

C++ LANGUAGE, INTERMEDIATE/ADVANCED (40 hrs.)

28 March-1 April; Monday-Friday, 0800-1630; Bldg. 5-1, Room 23. By: John Francis, C2872.
Prerequisite: Must have a basic understanding of ANSI C programming syntax and introduction to C++. This course is not for first-time C++ programmers.

The course will focus on data structures and algorithm development in C++. Techniques of sorting, hashing, string-parsing and pattern matching, collections of lists and queues, curve-fitting, and 2-D graphics will be discussed. An interactive CASE tool will be used to help design and code the projects. Projects will be designed and implemented in C++.