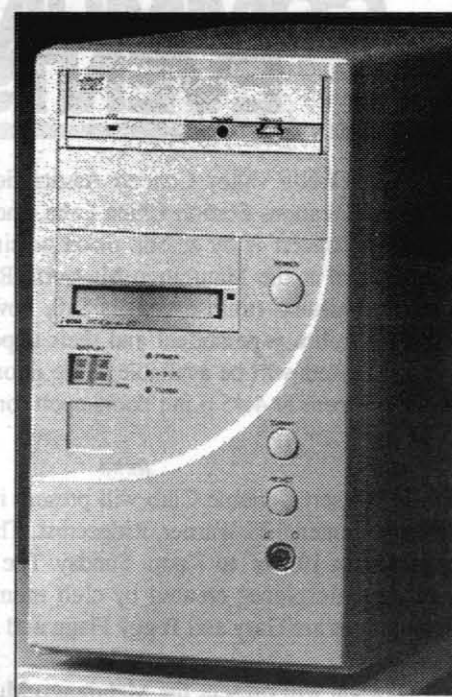


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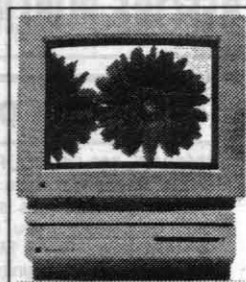
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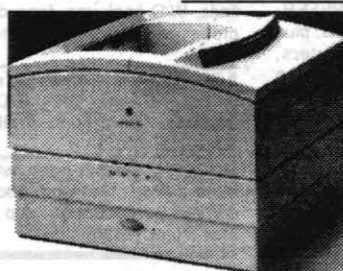
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# THE ROCKETEER

THURSDAY, MARCH 11, 1993

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 49, No. 5

## Team spirit credited for successful HERO test

*Weapons Division personnel and NSWC Dahlgren employees join forces on Tow Target System test*

By Peggy Shoaf  
Staff Writer

**T**eam spirit and the "can do" attitude of the Naval Air Warfare Center Weapons Division became apparent when, despite a very short lead time, China Lake personnel joined Point Mugu and Naval Surface Weapons Center, Dahlgren, Va., employees in conducting hazards of electromagnetic radiation test of the Navy Standard Tow Target System at China Lake.

The test, commonly referred to as a HERO test, is designed to protect our sailors at sea, stated Jane Maurice, from the Electromagnetic Compatibility Section of the Environmental Engineering Branch. Electromagnetic radiation is the frequency spectrum of noise put out by radars, radios, television and so forth, she explained. This frequency can affect live ordnance onboard our naval carriers, and the tests collect data showing how certain frequencies will affect the ordnance.

China Lake was chosen as the site for the test because of the availability of an A-6 aircraft, which was needed to carry out the test, Maurice said. While this type of testing is normally done at Patuxent River, an A-6 wasn't available, she explained.

The team's first stumbling block was discovering the site last used for a HERO test, eight to nine years ago, was no longer available. The team then decided to use the section's Electromagnetic Pulse Simulator Facility off Snort Road. Aircraft personnel inspected the site, along with the dirt road the aircraft would have to negotiate to reach the actual site.

It was decided the site was adequate for the test once the asphalt was covered with reinforced mesh to simulate a carrier deck. Aircraft personnel decided the dirt road was also adequate, providing it remained dry.

Then the rains came, soaking the road and delaying the test.

Because of the unusually heavy amounts of rain and snow, it was decided to tow the aircraft to the driveway of the dirt road, where the aircraft was lifted by a crane to a waiting truck. The truck then carried the aircraft to the testing site.

"On a scale of one to 10," said Joe Breda, the test director from Dahlgren, "I would give the China Lake team a 10 for their work. There were lots of problems caused by the weather, but they went out of their way to help us out."

"The most interesting thing with coordinating this test," Maurice said, "was noticing how many people were involved and how cooperative they all were in creating a ground test plan from a flight test plan. Commander Steven Goad, the flight test operations officer (from China Lake) was very resourceful in helping us. He was a real pleasure to work with."

Ed Gutzman, head of the EMC Section and team leader for this project, agreed, saying the test couldn't have come off as smoothly as

Please see **HERO**, Page 7



**HITCHING A RIDE**—An A-6E used in HERO testing is hoisted aboard a semi trailer for transport to test site. Test personnel feared getting the aircraft stuck on rain-soaked dirt road.

## Capt. Bob Kapernick retires after 26 years

In the middle of another "fine Navy, Marine Corps China Lake day," Capt. Robert E. Kapernick retired from the U.S. Navy ending a 26-year active duty career. This lengthy career took him from Officer Candidate School in Florida to the sea off the coast of Vietnam and, three times it brought him to China Lake.

Naval Air Warfare Center Weapons Division Commander, RAdm. W. E. Newman, and Deputy Commander for Research and Development, Sterling Haaland, spoke of Capt. Kapernick's many

contributions to the nation, the Navy and China Lake.

Haaland said Kapernick played a "pivotal role" in China Lake's support of Desert Storm and brought the essential fleet aviation experience to help the China Lake scientists and engineers develop effective weapons and systems for the fleet.

The retiring captain was attracted to an aviation career early. He was a smoke jumper for the U.S.

Please see **KAPERNICK**, Page 5



### Pay freeze to affect only COLAs

Withingrade increases and promotions to continue

6

### Remembering When

Efforts to clear early settlers from Navy land proved interesting

12

### Sea Cadet makes chief petty officer

Dennis Metz discusses his experience in becoming first cadet CPO

18

### FMS office helps develop F/A-18D

LtCol. Al Zuwawi tests Hornet for Kuwait Air Force

13



## Weather

	Max.	Min.	Gusts	Humidity
Wed	60	46	27	55-23%
Thurs	62	33	17	62-22%
Fri	49	43	12	-
Sat	54	41	8	-
Sun	48	38	8	-
Mon	70	33	8	86-29%
Tues	72	35	8	82-25%

	Max.	Min.	Gusts	Humidity
Wed	71	31	11	79-31%
Thurs	75	45	11	51-18%
Fri	77	40	12	75-22%
Sat	80	46	10	-
Sun	82	41	9	-
Mon	83	43	10	73-16%
Tues	81	49	7	65-17%



## China Lake Calendar

**Saturday, March 13**  
•Seabee Ball, NAVS Seafarer Club

**Sunday, March 14**  
•Pro/Am Golf Tournament, 9 a.m., China Lake Golf Course

**Monday-Wednesday, March 15-17**  
•Players West Golf Tournament, 8:30 tee times, China Lake Golf Course

**Monday, March 15**  
•ITEA luncheon meeting, 11:30 a.m., CPO lounge of the Seafarer Club. Deadline to register is March 12

**Friday, March 26**  
•Bluejacket Dinner, 6 p.m., Seafarer Club

**Upcoming events**  
•Signal Processing Forum, 8-11 a.m., Conference Rooms B & C in Michelson Lab

## THE ROCKETEER

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## The Commanding Officer's Desktop



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

### Question

This question is concerning the newly painted "GOVERNMENT VEHICLES ONLY" parking spaces in the west gate parking area of Mich Lab. If there are reserved spaces for government vehicles only then government vehicles should not be allowed to park anywhere else! This will cut down on the people who use their government vehicles to save themselves a parking space for their own personal vehicles close to the gate.

What was the reasoning behind these reserved parking spaces anyway? At the present time there is already a shortage of spaces for personal vehicles and when most people get back from vacation there is going to be an even greater shortage of parking spaces!

### Answer

The "GOVERNMENT VEHICLE ONLY" parking areas in the west, north and south parking lots of Michelson Laboratory were created in response to numerous requests from the resident codes in Michelson Laboratory for some relief to the "lost truck" syndrome or "I wonder where the last user parked it," a chronic problem experienced by codes that have a variety of users relying on the same vehicle. This situation is the result of the implementation of time restrictions and the elimination of after hours parking for general use government vehicles within the Michelson Laboratory compound.

The intent was not to create a mandatory area for government vehicles but rather to provide an option, for those that wish it, to the extremely frustrating and time consuming problem of locating the code vehicle(s).

Usage patterns have indicated the number of spaces in the west lot can be reduced by five. This will be accomplished by the time this is published.

## Larry Parrent passes away

Larry E. Parrent, a cost analyst in the Weapons Planning Group, died Tuesday, Feb. 23, at Ridgecrest Community Hospital, following a stroke.

Born in Saratoga Community, Ky., Oct. 25, 1942, Parrent had lived in the local area since 1977.

A 1965 graduate of Southern Illinois University at Carbondale, he served as an officer in the Navy from 1965 to 1971 and was a Vietnam veteran.

Parrent is survived by his daughters Siri of Los Angeles and Leah of Ridgecrest; parents David and Virginia Parrent, sister Jeannine Huber and brother Charles of Belleville, Ill.; brother Glenn of Billings, Mont.; and a niece, two nephews and two aunts.

Funeral services and cremation were held in Belleville, following a memorial service at Immanuel Baptist Church in Ridgecrest.

## Polish speaking individuals needed

Members of the Public Affairs Office at the Naval Air Weapons Station China Lake have been requested the services of an individual who speaks and writes Polish. Those interested should contact Fran Rugg at 939-6689.

## Emergency telephone stickers available

Emergency 911 telephone stickers are available at the Fire Division Office. Every telephone on Station should have this sticker visibly displayed. To obtain these stickers contact the Fire Division Office at 939-2146. Please order only the amount needed for the telephones in your office or building.

## Pages From The Past

March 4 & 11, 1983

Five China Lakers were honored by the Federal Executive Board of Los Angeles last week. This week's storm set a new record when 2.38 inches of rain fell at China Lake in just 24 hours. Carl Burkey and Bill Long were instrumental in getting the new Angle Rate Bombing System into fleet service. Dennis Rowell was honored by the Federal Managers' Association as the nation's top chapter president. YN2 Sam Miller was honored as Seabee of the Year by Detachment 0217.

March 2 & 9, 1973

RAdm. Curtis Vossler, USN (Ret.), made a visit to China Lake and recalled the 1944 era when he was one of the first officers assigned to NOTS at Harvey Field in Inyokern. Capt. T.R. Hemdershot, director of Supply, helped celebrate the 178th Supply Corps Anniversary. Paul Seregow is the China Lake "Athlete of the Month." Bill Erwin, Danny Jones and Steve Wright were honored by the Society for Technical Communications at an STC-sponsored art show.

March 1 & 8, 1963

Otto Foster, manager of the Station Barbershop for 13 years and a China Lake barber for 17, ended 50 years of cutting hair by retiring. Just the second policewoman hired by NOTS, Belle Davis, pinned on her badge recently. The first twins of the year were born at the NOTS Hospital to MM2 & Mrs. Joseph Rosso. Lt. David Callahan and Jim Dossey were uninjured when the T028, flown by Lt. Callahn, lost power and crash-landed on Mirror Lake and slid into surrounding sand dunes.

March 4 & 11, 1953

Lt. W.E. Davis took over as NOTS Commissary Officer. LCdr. A.J. Wotring retired after 30 years active Navy service. W.H. Sparrow was elected president of the Ridgecrest Chamber of Commerce. T.R. Jones won "Picture of the Month" competition for the China Lake Photographic Society. The old Station Bakery, behind the Station Restaurant, is now the temporary Enlisted Mess pending construction of a new facility.

## COMMUNITY EVENTS

March 11 the Indian Wells Valley Concert Association will present Harps International at the Naval Air Weapons Station China Lake Theatre. The show begins at 7:30 p.m. Admission to the concert is by season ticket or single-event ticket. Single-event tickets may be purchased at the Maturango Museum, Richer's Music and the Village Bookshelf. General admission (unreserved) is \$10, however, 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 theatre box office opens at 4:45 p.m.; doors open for seating at 7 p.m. For reserved tickets, call 375-5600.

####

March 13 and 14, Desert Ceramic Club will present its 39th Annual Ceramic Show at the Senior Citizens Center, 125 Warner, Ridgecrest. The show will be open from 4 to 7 p.m. Saturday and from 10 a.m. to 7 p.m. Sunday. The public is invited to participate in the judging of ceramic pieces created by club members and those submitted by beginners. Official judges are Gary and Peggy Flagg and Jeanette Marshall.

####

Tim and Zack Dawson will present the Maturango Museum's Saturday Adventure at 2 p.m. March 13. The father-son team will focus on go kart racing. Visitors will be able to see an actual go kart and all the associated gear. The museum is located at 100 E. Las Flores Ave. in Ridgecrest.

####

The Naval Air Weapons Station China Lake Catholic Community and St. Ann's Church in Ridgecrest are sponsoring a Saint Patrick's Day Celebration, Sunday, March 21, at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd. A corned beef and cabbage dinner will be served from 5 to 7:30 p.m. Tickets, at \$5 for adults and \$2.50 for youth under 12, are available at the Chaplain's Office at the All Faith Chapel, St. Ann's School Office and at the door. For further information call Agnes Winter, 939-2773.

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### 25 REAL ESTATE

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1989 HONDA CR250R, low miles, must see, lots of new extra parts. \$2,600/OBO. Mike 375-5932.  
1986 NINJA 600R, blue/white/red. Good cond., low miles. \$2,200. 375-7410, John. (0325)

## Two 55 Alive driving courses offered

Two 55 Alive/Mature Driving courses are scheduled for March. They will be held Tuesday-Wednesday, March 30-31 in the Kerr-McGee Center. The first class will be in the daytime from 10 a.m. to 3 p.m. each day, with a one hour break for lunch. The second class will be an evening class from 6 to 10 p.m. each day. Each class is limited to 30 persons. The cost of the class is \$8 per person. Checks should be made payable to the AARP. To reserve a spot in one of the classes contact Carl Schaniel, 612 E. Laura, Ridgecrest, CA 93555, 375-4998.

The 55 Alive course is eight hours of classroom instruction that refine existing skills and develop safe, defensive driving techniques. It was developed by the American Association for Retired Persons; approved by the California department of Motor Vehicles; and is presented by trained, certified volunteers. California law, Assembly Bill 2610, provides that drivers over 55 who complete this course are eligible to receive a discount on their automobile liability insurance. The amount of the discount varies. The discount is good for three years. After that, the course must be retaken to retain the discount. The course is open to persons 50 years and older but the eligibility for an insurance discount applies only to those 55 years and older.

## Tickets on sale for John Anderson Concert

To help raise funds for the upcoming Ridgecrest Special Olympics area meet, the John Anderson Concert will take place at 7 p.m. Friday, March 19, in Mesquite Hall at the Desert Empire Fairgrounds.

Highlighting the event will be John Anderson, who produced the top country hit "Seminole Wind." Also performing will be Ron Marshall & the Silver Creek Band.

Presale tickets are \$32.50 for "Sec-

tion A," preferred seating, \$25 for "Section B," table seating (must purchase a table for 8 or a half table for four), and \$19.50 for "Section C," general admission. Checks should be made payable to IWVARC. Tickets at the door will be \$3 higher than the presale tickets.

Tickets are available at Center Pharmacy, Aide Stationers, IWVARC/DART, Daily Independent, KLOA Radio, Animal Emporium and Discovery Thrift Shop.

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ANIMAL GROOMING in my home. Lots of TLC. Call Vicki Cook, 446-6399. (on base) (0520)

### 50 GARAGE SALES

3 FAMILY GARAGE SALE - 309 Sellars Circle. Children & adult clothes, 10 spd. bike, power tools, portable crib, toys & more. 8 a.m.-? Sat., March 13. (0311)

YARD SALE: 603 Garis. SAT. ONLY, 3/13, 8am-3pm. Lots of clothes - infant to adult, housewares, much misc. (0311)

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**MARATHON** from Page 21

in this," Wright said. "He let me out of the office for road work every so often. I really appreciated that."

In the future, he would like to see the Navy sponsor a marathon team like the Army, who has two national marathon teams. "We (the Navy) have a track team that competes nationally and internationally, but the Navy doesn't recognize the marathon," Wright said. "That's really a shame because the Navy and Marine Corps have some great distance runners."

Wright said he has already started the paperwork to apply for the Navy's track team, where he hopes to continue to improve his running skills.

He would also like to see the local command set up a running club for military members and sponsor them at meets

at other military installations.

When not working at the Branch Medical Clinic or in training for an upcoming race, Wright said he spends time with his wife, Audrey, and sons, Ivan (Jay), Irvin and Irwin.

Ten-year-old Jay and four-year-old Irwin are both interested in running. "I get a kick out of that," Wright said. "Currently, I am trying to get Jay ready for the upcoming Junior Olympics try-outs. I have already told Groves I would help the school out in the Junior Olympics competition. Anything to do with running, I'll be more than glad to help out with."

Wright's next big race will be the LaJolla Half Marathon in San Diego in April. "This race will also attract a lot of good runners," he said.

**China Lake softball rosters are due**

Personnel are being sought who would like to play softball. The Morale, Welfare and Recreation Department Sports Division at the Naval Air Weapons Station China Lake is now forming military and DoD softball leagues for men and women.

Team managers may pick up rosters at the gymnasium. Individuals interested in playing on a team can register by calling Karen Rivers at 939-2571.

Because teams are now forming, Rivers asked interested parties to call as soon as possible.

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**SPORTS****Pro/am golf tournament slated March 14 at China Lake course**

Next week some of the country's top golfers will be competing in the Players West Golf Tour Tournament on the China Lake Golf Course. Prior to the 54-hole professional women's event set for March 15-17, will be a pro/am tournament.

The China Lake Pro-Am, set for March 14, will feature a 9 a.m. shotgun start. Amateurs, men and women alike, will compete in teams of five with a Players West professional in a two-best ball format. The \$75 entry fee includes green fees, cart, prizes and entrance to the pro/am awards barbecue. To register for the tournament, call 939-2990.

The Players West tournament will feature 8:30 a.m. tee times.

The public is welcome to attend both these events free of charge.

Homes are still needed to house the visiting golfers while they are in Ridgecrest. People wanting to house the guests can call 939-2990.



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**Navy League of the IWW plans 24th annual awards dinner March 26 at The Seafarer****Bluejacket aspirants:****AT1 Larry 'J' DelRosal Naval Air Weapons Station**

Crediting him with saving the Navy \$67,000 last year, Aircraft Intermediate Maintenance Department Officer Lt. Michelle Williams nominated AT1 (AW) Larry "J" DelRosal for Bluejacket of the Year. Naval Air Weapons Station China Lake Sailor of the Fourth Quarter 1992, Petty Officer DelRosal, is seen by his supervisor as an "absolutely stellar individual."

Born in Miami, Fla., July 23, 1960, to Julian and Evelyn DelRosal, Petty Officer DelRosal is the second of two children. Graduating from Miami South Ridge Senior High in June 1978, DelRosal started classes at Miami Dade Community College that August. In the summer of 1980 he began working in the Millwright Union in Tampa, but eight months later decided to join the Navy, enlisting in May 1981.

After completing recruit training at RTC Great Lakes, Mich., Petty Officer DelRosal attended Avionics Technician "A" School, followed by Calibration School at NATTC San Diego. In May 1982 he reported to NAS Fallon AIMD Calibration Work Center. During this tour he advanced to petty officer third class in December 1983 and to second class in July 1984. He was then named work center supervisor, where he led a crew of ten.

Petty Officer DelRosal left the Navy after his first enlistment only to enlist for a second time in July 1986. His first assignment was to the *USS Independence* at the

Philadelphia Naval Shipyard, where for two years he was "instrumental in the reconstruction of the ship's calibration laboratory," according to his Bluejacket nomination papers. In June 1989 he was promoted to first class. A year later he deployed aboard *Independence* and participated in Operation Desert Shield.

After nearly a year of advanced avionics training at NATTC Millington, Tenn., Petty Officer DelRosal transferred to NAWS China Lake, where he assumed his current job of supervising the AIMD Calibration Work Center.

"Through his superb leadership and management techniques, his work center has continued to meet 100 per cent of the station's calibration requirements despite drastic manpower and funding cuts," the nomination

**Tickets still available**

Reservations are still being accepted by the Navy League for the Bluejacket Awards Dinner. Cost is \$16 per person. Mail reservation requests, with a check made payable to "Navy League," P.O. Box 2070, Ridgecrest, CA 93556, or call 446-2004 or 375-7859 by March 19.

**MILITARY NEWS**

reads.

DelRosal is taking courses in electronic technology Cerro Coso Community College and is applying for the Enlisted Education Advancement Program.

DelRosal, his wife, Karen, and one-year-old daughter, Jennifer, reside onboard NAWS China Lake. Karen also attends Cerro Coso.

**Favorite movie**— "The Day the Earth Stood Still."

**Favorite book**— The Bible.

**Favorite author**— Larry Burkett.

**Favorite snack**— Ice Cream.

**Car**— 1986 Chevrolet Cavalier.

**Community involvement**—Active in the United Methodist Church of Ridgecrest, he occasionally teaches Sunday School. He is a member of the Fleet Reserve Association.

**Hobbies**— Working with stained glass, tennis, table tennis and bowling.

**Person you look up to most**— "Nancy Canaday. She is like a second mother to me. I like her outlook on life. She went through some hard times, but persisted to get what she wanted and has a happy life today."

**Likes best about the Navy**— "The feeling of job security...knowing you have a paycheck coming in. And I like my job. I enjoy working in the calibration lab; the wide variety of equipment keeps me interested and responsibility keeps me busy."

**Likes least about the Navy**— "Occasionally running into people on 'the ROAD' program. You sometimes have to work with people who do just enough to get by instead of carrying their end of the load."

**After retirement I plan to**— "go back to school and get a bachelor's degree in electronics management. Then I hope to work in the field."

**AD1 Bruce C. Ormsby Air Test and Evaluation Squadron Five**

Touted by Commanding Officer Capt. Garth A. Van Sickle as "unquestionably the most motivated petty officer first class I have seen," Bluejacket of the Year candidate AD1 (AW) Bruce C. Ormsby is the reigning Sailor of the Year for Air Test and Evaluation Squadron Five (VX-5).

A native of the Upper Peninsula of Michigan, Petty Officer Ormsby was born July 26, 1962 in the town of Laurium to Marion and Peter Ormsby. He graduated from Lake Fenton High School, roughly 50 miles from Detroit, in June 1980 and went to work as a lathe operator. In November 1982, he enlisted in the Navy.

After recruit training at Naval Training Center San Diego, Petty Officer Ormsby reported to Naval Air Station Miramar for Aviation Machinist Mate Framp on the E-2C and C-2A aircraft.

Transferred to Fleet Logistics Support Squadron Fifty at NAS Cubi Point, Republic of the Philippines, in July 1983, he was assigned to the Power Plants Work Center, where he maintained C-2A, C-130, US-3A and T-39 aircraft. During this tour he rapidly advanced to the rank of second class.

Petty Officer Ormsby reported to Tactical Electronic Warfare Squadron One Thirty One at NAS Whidbey Island in January 1987. During this tour he deployed on

three WESTPAC cruises onboard the *USS Ranger*, including participation in combat operations in support of Operations Desert Shield and Desert Storm. He was also meritoriously advanced to first class under the Command Advancement Program.

He reported to VX-5 in August 1991 and is currently assigned as the Leading Petty Officer of the Power Line Division, a first-ever Navy combined power plant work center and line division that Ormsby helped develop. "Displaying exceptional qualities of leadership and managerial skills, Petty Officer Ormsby has been the catalyst in this very successful coalition," Capt. Van Sickle wrote in the nomination package.

Ormsby manages 63 Powerline personnel who are responsible for the maintenance and ground handling of 18 aircraft of varying types, models and series.

Besides being honored as VX-5 sailor of the month, quarter and year, Ormsby was also named COMSTRK-FIGHTWINGPAC "Stand-Out Warrior" in June 1992.



Petty Officer Ormsby resides in Ridgecrest with his wife, Sonafe, and their son, James.

**Favorite movie**— "The Outlaw Josie Wales."

**Favorite book**— "The Stand."

**Favorite author**— Stephen King.

**Favorite snack**— Pizza.

**Car**— 1988 Honda Civic

**Community involvement**— He is a member of the Kern County Regional Center support group for parents of disabled children, donates time helping out at the special education class at Richmond School and participates

in functions at the Indian Wells Valley Association for Retarded Citizens. He is also a founding member of the First Class Association at China Lake.

**Hobbies**— Reading, collecting compact disc music recordings and "fooling around" on the guitar.

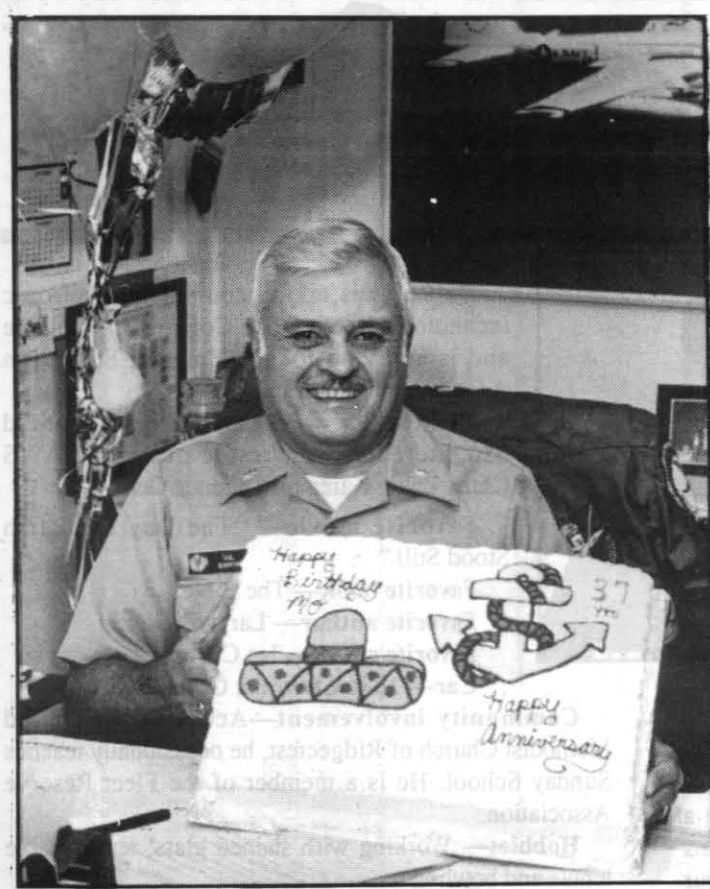
**Person you look up to most**— "My father, because he did a good job raising seven children. We all made something of ourselves."

**Likes best about the Navy**— "Travel. I've been all over the world and have met people from different cultures. And I've made a lot of good friends."

**Likes least about the Navy**— "The uncertainty during the drawdown."

**After retirement I plan to**— "stay in the field of aviation."

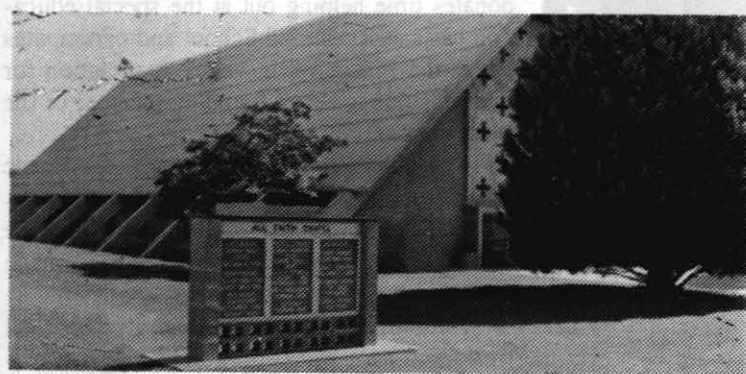




**SURPRISE!**—Aviation Maintenance Officer Cdr. Gil Baron was caught off-guard last week when his office staff and family threw a small party honoring his 37 years in the Navy and his birthday. The MO, who has served at China Lake for nearly four years, was favored with a cake and balloons. He has announced his retirement in June.



**FLYING IN ESPECIALLY** for the occasion, Col. Donald B. Beaver congratulates Maj. Stewart Betts on his promotion from captain. The new Marine Aviation Detachment major noted he used to work under Col. Beaver, who is now stationed at MAG 42, Atlanta, Ga. Joining the celebrating is Maj. Betts' wife, Linda.



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## Open season for increasing servicemen's life insurance coverage ends March 31

By Master Sgt. Linda Lee  
American Forces Information Service

The open season for increasing coverage up to \$200,000 under the Servicemen's Group Life Insurance program ends March 31.

The Veterans Benefit Act of 1992 recently authorized the increase in life insurance coverage for all eligible active and reserve component members. The maximum coverage of \$200,000, up from \$100,000, went into effect Dec. 1, 1992, said DoD officials. Current premiums are eight cents per \$1,000 or \$16 per month for \$200,000.

Increased coverage is not automatic. Service members must elect to stay with their current coverage or to increase it. Coverage can be increased in increments of \$10,000, DoD officials added.

Those who decide to leave the coverage at its current level should complete a new Servicemen's Group Life Insurance Election and Certificate form by March 31. DoD officials added that future claims will not be processed unless the new form has been completed and is on file.

No physical is required during the open season. To increase coverage after March 31, however, a member must have a physical and provide a statement of good health.

Make sure listed beneficiaries are correct, DoD officials stressed. No physical or health certificate is required to just change beneficiaries, they added.

## Navy League of the U.S. offering three scholarships

The Navy League of the United States will award three scholarships to selected high school students to further their education.

The Renee and Earnest G. Campbell Scholarship and the Stanley Levinson Scholarship will be available to students entering their freshman year of college in the fall of 1993.

The Subic Bay-Cubi Point Scholarship offers a special opportunity for the sons and daughters of personnel permanently stationed in the Subic Bay-Cubi Point area of the Philippines from 1980 through 1992. Awards under this program may be made for post-high school education at any level.

To be eligible for the Campbell or Levinson scholarships, the applicant must be a citizen of the United States, a high school senior under the age of 25. The student must be able to demon-

strate financial need and be of good character, well-motivated and possess an excellent academic record. He or she must also demonstrate an appreciation of the laws, traditions, and values of the United States.

Preference will be given to applicants who have demonstrated an interest in and an intention to continue their education in, mathematics, engineering, and/or the sciences. Children of current or former (including deceased) members of the U.S. sea services will also be given preference.

Application forms and instructions for the three scholarships are obtainable by sending a self-addressed, stamped, business-size envelope to: Navy League of the United States, ATTN: Scholarship, 2300 Wilson Blvd., Arlington, VA 22201. No telephone inquiries, please.

Without specific beneficiaries or if you designate the insurance be paid by law, the SGLI payment goes first to the surviving spouse or then to children in equal shares, with the share of any deceased child divided among that child's descendants. If there are no children, the money goes, in order, to parents, then the duly appointed executor or administrator of the insured's estate and then other next of kin.

## Retiring or separating military members can convert their SGLI policies to Veterans Group Life Insurance, a nondividend-paying term insurance policy. SGLI costs are free up to the first 120 days following retirement or separation, or until the conversion to the veterans policy, added DoD officials.

Under a 1992 law, Veterans Group Life Insurance became a five-year renewable term insurance. Policies can be renewed after every five-year term or converted to a permanent policy with one of the insurance underwriters. Before the change, the insurance provided only one five-year period of coverage and was not renewable.

For specific information on the SGLI changes and a copy of the new election form, check with your personnel office. Check with the installation legal office if you have questions concerning beneficiaries or the Servicemen's Group Life Insurance form.

Under a 1992 law, Veterans Group Life Insurance became a five-year renewable term insurance. Policies can be renewed after every five-year term or converted to a permanent policy with one of the insurance underwriters. Before the change, the insurance provided only one five-year period of coverage and was not renewable.

## HM3 Wright surprised at talent in Blue Angel's Marathon

Hospital corpsman from the Branch Medical Clinic at China Lake places 87th overall with a time of 2:54:48

By Peggy Shoaf  
Staff Writer

When HM3 Ivan Wright competed in the Blue Angel's Marathon in Pensacola, Fla., Feb. 27, he not only represented China Lake and the Branch Medical Clinic, he represented the Navy. Out of more than 1,000 competitors, Wright came in 87th overall in the 26.2-mile race with a time of 2:54:48.

"It was a real experience," Wright said as he talked about the race. "There was a broad spectrum of talent from all over the country."

Wright noted there were military teams throughout the United States, including Hawaii and Alaska, as well as teams from Great Britain and Canada.

He joined the race because he had heard the top three military racers would be recognized and figured he had a pretty good chance of placing. He didn't realize how big a race it was until he got there. "I had never raced against talent of that caliber before," he admitted.

This was Wright's 12th marathon. He's been running ever since high school, where he was a member of the track and cross country team for the Sante Fe Indian School in New Mexico. During his high school years, Wright's cross country team made it to state competition a couple of times and he was rated as one of the top three runners on the team. In track, he was rated in the

top 10 for the district in the 800 meters.

After high school, he started to get away from shorter distances and began putting his energies and talent into longer races. "I feel a little more at ease running the longer races," he said. "They are more of a challenge than the shorter races. You pay for it after the race, but it's a lot of fun."

Since his arrival at China Lake last year, Wright has competed in the High Desert Marathon, which he won with a time of 3:31; the Contel Half Marathon, in which he placed second; and the Bakersfield 10K, where he placed second. He also competed in the top 10 against other Navy and Marine Corps runners.

Wright said his biggest challenge of the Blue Angel's Marathon was getting there. He started looking for sponsors in November, but it wasn't until just before the race he could finalize his plans. "At times I just wanted to give up," he said. "I wondered if it was worth it."

It was worth it. "Even before the race I felt I had already won something," he said as he talked about everyone who banded together to help him.

Organizations sponsoring Wright included the Naval Air Weapons Station China Lake Morale, Welfare & Recreation Department, the Air Test and Evaluation Squadron Five Chief Association, Indian Wells Valley Chief Petty Officers Association and the Marine Avia-



HM3 Ivan Wright

tion Detachment. Friends and family from his home town, San Jan Pueblo, also contributed.

Because the Navy doesn't sponsor a marathon team, Wright noted he had to train on his own. This can be difficult, he said, especially finding someone to match his speed and who wants to run.

Prior to the race, he was on the road at 4:45 each morning and practiced running whenever he had a free moment. "My leading petty officer was very supportive

Please see next page

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WAKE ROBIN band members, Chris Rickets, K.C. Slone, Deron Giuliani and T.M. Collins, work at NAVS China Lake when not performing.

Wake Robin performs at Seafarer Club March 12

Four China Lake employees are pooling their talents to entertain the public March 12 at the Naval Air Weapons Station China Lake Seafarer Club. The group, known as Wake Robin, will perform songs from their just-released debut album Kismet, plus much more.

In addition, mobile DJ service Discwerks will be on hand to supply attendees the best in current rock, techno/dance and alternative hits.

Doors open at 8 p.m., with the show starting at 10:30 p.m. Tickets are available in advance at the Warehouse and Seafarer Club for \$3 each or two tickets for \$5. Admission at the door is \$5 per person. This dance is only for those 18 years of age and older.

Recorded by Kontakt Records, Wake Robin's Kismet includes the songs Motion My Way, Deteriorate, You Promised, She's On a Manic, Feel You

There, Mr. Tambourine Man, Judgment Day, Can't Let Her Get Away, Kismet, Walk Away, and All Day and All of the Night.

The group's sound is like the 70's pop rock and roll, said one reviewer. It's music someone can enjoy listening and dancing to.

When not singing for the band, vocalist Deron Giuliani works as an assistant office manager in the Electronic Combat Range Department. Chris Rickets, the drummer, is a computer scientist in the Systems Engineering Branch. The guitarist, K.C. Slone, works as a recreation aide with the Morale, Welfare & Recreation Department, while the bassist, T.M. Collins, works on station as a communications specialist contractor with Boeing Computer Support Services.

A portion of the proceeds of the dance will go to Burroughs High School Performing Arts Department.

New hours set for Freddy's Pizza Grill & Sports Bar

New hours of operation for Freddy's Pizza at the Seafarer Club, are 3 to 10 p.m., daily. Depending on patronage, the club may remain open until 1 a.m., with management approval. In addition, the Seafarer Club has added an expanded menu in Freddy's. A sandwich menu will be available in addition to the regular food items now being served. The new pizza delivery hours for military payday, the Thursday before flex Friday and flex Friday, are from 5 to 9 p.m.

St. Patrick's Day dinner planned

There will be a St. Patrick's Day dinner served in Freddy's and at the Barefoot Bar March 17 from 5 to 7 p.m. The menu will consist of corn beef and cabbage, potatoes and brotchen for \$4.50. There will also be a green beer special.

KAPERNICK from Page 1

Forest Service as a young man in Montana before joining the Navy. Rear Admiral Newman reinforced Haaland's comments about Kapernick's contributions to the fleet and urged the military/civilian team members attending to never forget "the fleet is our customer."

He also talked about change and the tumultuous times of today's world. "Change will continue and new faces will be here to lead the division toward the goals of excellence. But the people here today can help continue the movement toward making the right changes," commented the admiral.

In a letter of appreciation to Capt. Kapernick, RADM. Newman said, "You have served your country with great pride and honor throughout your 26 years of dedicated naval service. You may be justifiably proud of your accomplishments while serving at the Naval Air Warfare Center Weapons Division, China Lake, and the many other commands to which you have been assigned during your career."

"My association with China Lake started 16 years ago. I was 35 when I first came here, now I'm 50 and I'm glad most of those years were spent at China Lake," Kapernick said.

He shared three memories, selected from among the thousands accumulated during his career.

First was the launch of an A-7E Corsair II from the deck of the USS Coral Sea while steaming in the Indian Ocean. It was a day and a launch like hundreds of others, but it was also typical of the absolute trust an aviator places in his aircraft and the people who take care of it.

Next was a memory of China Lake and of the many people who would ask him if he kept coming back here by choice, and his spontaneous answer was always "absolutely!"

And the final memory was of leaders and leadership. He talked about what a good leader is and what leadership is.

Captain Kapernick's assignments included deployments aboard the USS Franklin D. Roosevelt with Attack Squadron 122



Photo by Terry Pascarella  
FINAL DUTY for Capt. Bob Kapernick was helping inspect troops prior to his retirement ceremony.

and to Southeast Asia aboard the USS Oriskany, where he flew 55 combat missions over Vietnam. He also earned masters degrees from the Naval Postgraduate School and was deputy program manager of the Joint Tactical Autonomous Systems Project Office at Wright-Patterson Air Force Base.

During his career he earned the Air Medal with five strike/flight awards, Joint Service Commendation Medal, Navy Commendation Medal, and other individual and unit awards.

As the retirement ceremony ended 26 years of service he said, "It has been a great adventure. I leave with good memories. I look forward to the rest of today and am excited about tomorrow."

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## Pay freeze: President's proposal only affects COLAs

By Peggy Shoaf  
Staff Writer

How will President Clinton's projected 1994 federal pay freeze affect federal employees working at the Naval Air Warfare Center Weapons Division?

As the president's proposal stands now, it looks like it is only the nationwide comparability (cost-of-living) and locality pay scheduled for January 1994 that will be affected, said Don Shibley, associate head of the Human Resources Department. Since employees at the Point Mugu site already receive the eight percent locality pay, only the cost-of-living pay will be impacted. At China Lake the cost-of-living and whatever locality pay that would have been authorized will be eliminated.

## Check W-2s before filing taxes

Check your Form W-2, Wage and Earnings Statement, before filing federal, state and local tax returns, Defense Finance and Accounting Service officials recommend.

While there haven't been any problems reported with the W-2 forms printed at China Lake, there have been problems in other locations.

While employees may not see the 2.2 percent cost-of-living raise due in January 1994, it now seems they will still be eligible for pay raises due to promotions, within-grade increases and performance-based salary increases, Shibley explained.

"As it appears at this point," Shibley said, "everybody who is eligible will get their step increases. For people in the Demo Project, this translates into getting their performance payouts, their I's and B's, and people in the Navy's Performance Management and Recognition System will get their merit payouts."

The projected freeze requires action by Congress before it can be enacted, Shibley stressed, and is still subject to change. Employees will be kept informed on any changes or passing of laws that will affect them.

For example, more than 140,000 W-2 forms are being reissued to civilian employees paid from the Defense Finance and Accounting Service's Denver office because of a printing problem.

If a mistake is discovered on the W-2 form, take it into the payroll office and request a new one as soon as possible.

## MacIntosh pleads guilty to conspiracy to defraud and embezzlement charges

(Editor's note: This news release was issued by the U. S. Department of Justice, United States Attorney, Eastern District of California.)

George L. O'Connell, United States Attorney for the Eastern District of California, has announced that Charles Joseph McIntosh, former Ridgecrest operations manager of Vitro Services Corporation has pled guilty to one count of conspiracy to defraud the United States and one count of embezzlement of government property. McIntosh also agreed to cooperate fully with the government in its ongoing investigation of defense contracting practices at the China Lake.

McIntosh, who was indicted by a federal grand jury in Fresno on September 10, 1992, pled guilty to charges which arose out of his duties as operations manager at Vitro Services Corporation from June 1990 through September 1991. McIntosh, 63, is currently operating his own consulting firm, Sierra Consulting, in Ridgecrest.

The indictment alleged that McIntosh, along with Jerry Ralph Kissick, a former program manager at China Lake, and others, devised and implemented a scheme to defraud the United States by obtaining payment for person-

al items through the submission of false and fraudulent claims on government contracts.

According to the indictment, Kissick and other employees at the then Naval Weapons Center ordered personal items through McIntosh, who in turn would submit vouchers for payment to the United States. The vouchers would claim payment for goods and services which were supposedly related to a government contract. The items were in fact for the personal use of Kissick and others. McIntosh would then deliver the goods which were paid for by the government.

On August 12, 1992, Kissick pled guilty to conspiracy and embezzlement charges and is also cooperating in the investigation.

This indictment is the latest result of an investigation launched by the United States Naval Investigation Service. McIntosh faces a maximum of 10 years in prison and a fine of \$250,000 for the embezzlement count and a maximum of five years in prison and a fine of \$250,000 for the conspiracy count.

The case is being prosecuted by Assistant United States Attorney Mark E. Cullers.

## CPO CADET from Page 18

march funny, pivoting differently than we do. Their uniforms are also different."

But the differences provided a valuable lesson, Metz said. "We had to learn to work together despite these (and other) differences."

The best part of being in the cadets, Metz said, is learning to work with other people. "We learn how to take orders, how to do things and how to give orders," he said. "We learn there are times to be friends and times to do what you are told to do. Most importantly, we learn how to deal with different types of people in different ways to get the job done. Doing things one way might be effective for one type of person, but another way might be more effective for another type of person."

A senior in high school, Metz spends his free time playing on the Burroughs High School Soccer team and participating in his church's youth group. Upon graduation, he hopes to attend college with a Navy Reserve Officers Training Corps scholarship, so he can become a pilot in the Navy. If the scholarship doesn't materialize, he said, he will keep applying, but in the meantime, he will attend a junior college and then switch to a four-year college.

Metz is the son of Dale and Janice Metz, both China Lake employees.

## Your Environment

By the Environmental Projects Office

### Safer paint stripping alternative available

Under the Montreal Protocol, production of many of the current chlorofluorocarbon (CFC) cleaning solvents will cease by Jan. 1, 1996. One viable alternative cleaning technology for our degreasing operations, carbon removal, corrosion control and paint stripping activities here at China Lake is sodium bicarbonate blasting.

One of the advantages to this technology is that it simplifies a multistep cleaning process. For example, a part undergoing degreasing, corrosion removal and paint stripping may typically be processed through three dip tanks. With the alternative sodium bicarbonate blasting, all three steps can be accomplished in one.

Currently there are two advertised methods of sodium bicarbonate blasting: Aquamiser and Accustrip. Both processes work in a similar way and will remove most of the same materials. The difference lies in the way the media is applied.

If you are interested in finding out more information about these two processes, just contact the companies directly. The Aquamiser process was developed by the Carolina Equipment Company, 721 Cross Country Road, North Charleston, SC, 29418, (800) 394-4987.

The Accustrip process was developed by Schmidt Manufacturing Incorporated, P. O. Box 37, Fresno, TX 77545, (800)-231-2085.

## Tobacco smoke presents public health problem

Based on the weight of the available scientific evidence, the U. S. Environmental Protection Agency (EPA) has concluded that the widespread exposure to environmental tobacco smoke (ETS) in the United States presents a serious and substantial public health impact.

In adults ETS is a human lung carcinogen, responsible for approximately 3,000 lung cancer deaths annually in U. S. nonsmokers.

In children ETS exposure is causally associated with an increased risk of lower respiratory tract infections such as bronchitis and pneumonia. This report estimates 150,000 to 300,000 cases annually in infants and young children up to 18 months of age are attributable to ETS.

ETS exposure is causally associated with increased prevalence of fluid in the middle ear, symptoms of upper respiratory tract irritation and a small but significant reduction in lung function.

ETS exposure is causally associated with additional episodes and increased severity of symptoms in children with asthma. This report estimates that 200,000 to 1,000,000 asthmatic children have their condition worsened by exposure to ETS.

ETS exposure is a risk factor for new cases of asthma in children who have not previously displayed symptoms.

### New Items:

Connor, 3 1/2" SCSI hard drives: 80MB, 19ms #CP30080E; 170MB, 17ms #CP30170E; 540MB, 12ms #CP3540S  
Maxtor, 3 1/2" SCSI hard drives: 120MB, 15ms #7120S; 200MB, 15ms #7213S; 340MB, 15ms #LXT-340S

90MB Pro Bernoulli transportable #S0700475 (dual 90 Pro is #S0700474)

90MB Bernoulli cartridge tripack #S0700429

44MB Bernoulli cartridge tripack #S0700377

Kensington Trackball ADB mouse for Mac SE & Mac II #62360

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### ADP SPEDI News

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MicroNet removable 44MB drive for Mac; kit includes s/w & cable #MR-45

controller for all Bernoulli drives: Mac ctrl #S0700337; Mac-1B; IBM ctrl #S0700479

Seagate 1 GigaByte SCSI hard drive (1,037MB, 15ms) #ST41200N

Seagate 600MB SCSI hard drive #ST4702N

20MB Bernoulli cartridge tripack #S0700378

Farallon Connector 8-pin miniDIN #PN308

250MB IBM internal tape drive #D120, 250MB tape #DC2120

SyQuest 88MB disk cartridge #SQ800 (SyQuest 45MB disk cartridge #SQ400)

instrumentation recording tape, Ampex 1" x 9200', 14" aluminum precision reel #797-59GK11

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## Dennis Metz is first to make CPO in China Lake Sea Cadet history

By Peggy Shoaf  
Staff Writer

In a special ceremony in December, Dennis Metz became the first cadet in the history of the Sea Cadet unit at China Lake to reach the rank of E-7. After the promotion ceremony, the new chief petty officer followed tradition and was initiated into the rank of "chief" by his adult counterparts. The local Sea Cadet unit is sponsored by Air Test & Evaluation Squadron Five (VX-5).

According to Ensign Rick Booth, training officer of the unit, CPO Metz has been a leader throughout his cadet career. He was the first cadet to reach E-4 and has been steadily climbing in rank ever since. "We couldn't figure out how cadets in other units were making their ranks," Ensign Booth said. "It wasn't until we attended a conference that we found out cadets were compiling their active duty time during the summer months and then taking the courses needed for promotions during the school year, raising themselves in rank by two to three stripes per year. CPO Metz has set the ground work for cadets coming after him."

To raise in ranks in the cadets, Booth said, participants must take the same correspondence courses as active duty military, plus serve 10 days on active

duty for each rank. After reaching the rank of E-3, there are no time in service or time in rank requirements, and cadets, with cooperation from their unit, can progress as rapidly as they want.

The new cadet chief petty officer joined the local unit in 1989 because he wanted a career in the military and knew the experience would help him achieve his goal. "Besides," he said, "it seemed like something to do."

During his three years in the Sea Cadets, Metz said he spent a lot of time completing courses, taking tests and spending his free time on active duty. For example, last summer, he spent 30 days on active duty. He noted once he reached the rank of E-4, the highest ranking cadet at the time, he decided what the heck, he would go all the way and try for

the top. "Plus," he added, "I wanted to help out my unit. I figured if I could reach E-7, the unit's leaders would then know what had to be done, so other cadets could do it in even less time."

Metz also helped his fellow cadets find out how much fun the Cadet's For-

eign Exchange Program can be. Last summer, he spent time as a foreign exchange cadet at the Canadian Forces Base, Comox, on Victoria Island. Metz noted that unlike the United States' Sea Cadets, who attend boot camp and then drill at various Navy installations, the Canadians have a special Sea Cadet camp, where the cadets receive training at one location. "We (Metz, 21 other cadets from the western U.S. region and the Canadian Sea Cadets) completed a four-day cruise on a tug-boat type of ship, where we learned shipboard duties," Metz said.

In addition to taking brisk swims in Canada's cold waters, the cadet said he practiced rifle shooting, marching and learned how to work with other people. "Basically," Metz said, "we learned how they (the Canadians) did things and taught them how we did things... and laughed at the differences."

One of the differences between the Canadian and American military forces, Metz said, was lack of tradition. "When the Canadians took down their flag, they just folded it up and put it away," he explained. "There was no set tradition on how to do it. We have a specific way to handle and fold the flag. They also

Please see next page



CONGRATULATING CPO Metz upon achieving the rank of E-7 is Sea Cadet Commanding Officer Lt. Robert Kline.

## Housing Says

### Dishwasher recall

Attention all residents in Capehart housing: the new Kenmore dishwashers installed during 1990 and

1991 are being recalled because of problems with the control panel/timer. Sears maintenance personnel will be calling residents to set up appointments to repair the dishwashers. Repairs should take approximately 30 minutes. Anyone who is unable to set up an appointment needs to call Housing at 939-4451 as soon as possible.

The Sears' point of contact is Phil Richards, 446-7705.

## HERO from Page 1

it did without the cooperation from everybody involved but especially without the help from Cdr. Goad. "He gave us 150 percent support," Gutzman said. "It would have been easy for him to have said 35 people have to review this test plan. Instead, he went around to the key people, told them what was going on and made sure their concerns and questions were addressed in the plan, so when they got ready to review it, they didn't have to go through a red line process."

Gutzman and Maurice also praised the aircraft maintenance people, who made special efforts making sure the aircraft had everything needed for the test.

"Because of the cooperation of everyone involved," Gutzman said, "a successful test plan, which normally takes four months to complete, was completed in less than two months."

The Dahlgren test director was so impressed with the teamwork, he noted "If there was a choice between conducting a test at China Lake and some other places, I would choose China Lake. The personnel there were



COMBINED EFFORT tested aerial tow target (drone) and its launcher.

willing to be a part of the team, working with us and not against us."

China Lake personnel involved in the test included Gutzman, Maurice, Jerry Banister, Robert Christiansen, Ernesto Gonzago, George Graham, Miki Allred, Gill Cornell, David Baker, Dan Barthle, Master Chief William McCracken, Bill Overby and Larry Boyd.

Point Mugu personnel included Tom Jameson, Steven Carter and Andy Elliott.

Dahlgren personnel involved in the week-long test were Breda, John Hargray, George Sanford, Karl Dobson, Bobby Bowen, Lee Seratte, Matthew Curtis and Russell Nash.

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## Postdoctoral program brings talent to China Lake

By Cliff Lawson  
Technical Information Department

Since 1986 the Office of Naval Technology (ONT) Postdoctoral Fellowship Program has been matching China Lake mentors with some of the most talented Ph.D.s from science-and-engineering graduate programs around the country.

The program is built on a simple premise: pair an experienced China Lake researcher with a postdoctoral student who has an excellent academic background. Assign the Fellow to a research project in a field that is of interest to the Navy. Then let the synergy flow.

Beyond the benefits to the Postdoctoral Fellows—commonly called Postdocs—and their mentors, the program has a positive impact on the quality of research at China Lake and is a cost-effective use of both project and in-house funding. It serves as an excellent recruitment tool because it gives the Postdoc and China Lake an opportunity to evaluate each other with an eye to future employment.

To date, 30 Postdocs have participated in the ONT Postdoc Program at China Lake, and six have gone on to become China Lake employees—a number that

would undoubtedly be greater were it not for the hiring freeze. (Between 1967 and 1987, another 35 Postdocs toured at China Lake under a program sponsored by the Naval Research Council.)

In a time of declining DoD funding, the economics of the Postdoctoral Fellowship Program make it particularly appealing. Supporting a Postdoc for one year costs approximately \$50,000 (about 80% of which is salary and the remainder travel and benefits). Compare this with a cost of about \$150,000 (largely overhead) for a full-time permanent researcher.

For the Postdoc, a year at China Lake is an intense learning experience at an industry-competitive salary. For the mentor, it is an equally stimulating period as well as a means of devoting more concentrated scientific effort into a selected area of research. Kelvin Higa is familiar with both sides of this issue. He has been both a Postdoc and a mentor.

Higa received his Ph.D. in Inorganic Chemistry from the University of Hawaii in 1984. In 1986 he came to California as China Lake's first Fellow in the ONT Postdoctoral Fellowship Program. His mentor was Dan Harris, then head of the Optical and Electric Materials Branch. "I really enjoyed the program," Higa recalls, and adds, "I didn't have to deal



Photo by Terry Pascarella

**THREE GENERATIONS OF POSTDOCS**—Kelvin Higa, a former ONT Postdoctoral Fellow, served as mentor for Bob Gedridge's Postdoctoral Fellowship. Both are working with current Postdoc Jung Oh.

with all the paperwork. It was just pure research."

After completing his Fellowship, Higa was hired by what was then known as the Naval Weapons Center. In 1988 he received the Technical Director's Award for the development and transition of new organometallic sources for the

chemical vapor deposition of mercury-cadmium-telluride.

In 1989, Higa agreed to mentor Bob Gedridge, a 1988 Ph.D. graduate from the University of Utah. Higa and Gedridge worked in the field of chemical vapor deposition. When Gedridge

When Gedridge Please see next page

## Life Safety Code must be observed

By Inspector James Ayers  
Fire Division

Fire inspectors recently found several buildings not in compliance with the Life Safety Code. This code prohibits the placement of equipment, including lockers, vending machines or copy machines in corridors, hallways, passageways or stairways. The Life Safety Code is written to ensure people's lives are not in jeopardy when exiting a burning building or one that has been damaged by an earthquake. A building

is designed with large corridors to enable the evacuation of half of the building's occupants within one minute. A large corridor or stairway is not intended to be used as a location to install lockers, candy, soda, cigarette or copy machines. All corridors used for exiting shall remain clear at all times.

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

## Naval institute sponsors essay contest

ANNAPOLIS, MD—The U.S. Naval Institute is sponsoring its fourth warfighting essay contest to encourage military professionals to write about combat operations of the future. All aspects of warfighting, including doctrine, tactics, hardware, training and mental preparation, are potential essay topics. Entry in this contest is not limited to active-duty or military writers.

The Naval Institute will award cash prizes of \$1,000, \$750, and \$500 to the authors of the three best essays entered. Essays must be original and no longer than 3,000 words, and sent to Editor-in-Chief, Proceedings (Warfighting Contest), U.S. Naval Institute, 118 Maryland Ave., Annapolis, MD 21402-5035. Entries must be postmarked by April 1.

All essays should be typewritten, double-spaced, on 8 1/2" x 11" paper. Each entry should include the author's address, phone number, biographical sketch and social security number. If typed on a computer, please submit the entry on an IBM-compatible disk. The institute will publish the winning essays in *Proceedings*, its monthly magazine, and may select some entries not awarded prizes for publication. The institute will compensate the authors of these pieces at its regular rates.

## Supply News

By Anita Becker

## Telmart is stocking up on supplies

Telmart, the Naval Air Weapons Station China Lake Supply Department warehouse, is stocking up on supplies. Items may be ordered by calling the Telmart Staff at 939-2241.

In addition to your name, shop accounting code, job order number and location, give the name, size, color, stock number and amount of each item you wish to purchase. The items will be delivered to you in a timely fashion. If you don't see an item you want, call Technical at 939-2178 for assistance in how to request an item to be stocked.

To aid China Lakers in their work, the following items are now carried in the Supply warehouses or have been ordered.

A variety of floppy disks are available, including the double-sided, double-density 3 1/2" disk, Stock No. 012092193; the double-sided, high-density 3 1/2" disk, Stock No. 013475290; the double-sided, double-density 5 1/4" disk, Stock No. 013475289; and the dou-

ble-sided, high-density 5 1/4" disk, Stock No. 013236435;

Locking diskette holders for 5 1/4" disks, Stock No. 019167227 are also available, as are desktop printing calculators, Stock No. 011745218; hand-held calculators, Stock No. 011828532; electric pencil sharpeners, Stock No. 012022927; and glue-stick adhesive, Stock No. 010398132.

Also available are rollerball pens, fine .3mm black, Stock No. 012074268. The same type of pen is also available in blue, Stock No. 012074270; green, Stock No. 012074271 and red, Stock No. 012074269;

Rollerball pens, extra fine .2mm black, Stock No. 012074264 are also available. The pens come in blue, Stock No. 012074266; green, Stock No. 012074267 and red, Stock No. 012074265;

Razor point pens, .3mm black, are also at Telmart. The stock numbers are No. 011650432 for black, 012074260 for blue and 011650257 for red.

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## Compu Chatter

By Donna Hanson  
PC Lab

### Try out software packages before buying them

#### New Software Packages in Library

The PC Lab Library, run by Marge Lyon, contains several hundred software packages available to rent. The library enables employees to test and evaluate several programs to find the best one for their particular application and to avoid buying something that won't do the job. The cost of checking-out software is five percent of the retail cost of the package, with a minimum charge of \$16 and a maximum charge of \$100. People who are trying to decide which software package would best suit their application can talk to Marge about the availability of programs in the category they are interested in, then check-out a few to evaluate.

Newly acquired packages in the PC Lab library are: "FreezeFrame" for Win-

dows; "DeltaGraph Professional" for Windows; and "DeltaGraph Professional" for the Macintosh.

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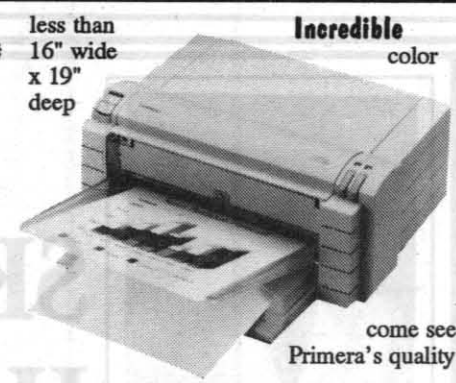
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### Compressed work schedule cuts costs

By Lucinda Lundin  
Human Resources Department

Last September, the Naval Air Warfare Center Weapons Division instituted a Compressed Work Schedule with a payday Friday shutdown at the China Lake and Point Mugu sites. As part of an ongoing effort to document the results of the NAWCWPNS-cost-saving efforts, departments were requested to provide data related to any costs or savings they may have documented as a result of implementing CWS.

Responses were divided into the categories of contracts, equipment, overtime and utilities. It was found a reduction in the use of utilities was reported as providing the greatest savings (\$176,200). This was followed by decreased use of contract support, saving \$116,350. It should be noted the utility savings were computed by comparing current costs with those from the previous year and may have been influenced by factors other than CWS.

Only one department declared costs related to the first quarter of CWS implementation. These were \$494 in additional overtime and \$719 in holiday pay. Neither costs nor savings were reported by any other departments in the area of overtime and there was no impact on equipment costs.

Responses to this data call were compared to the predictions of costs and/or savings made by departments in May 1992. When the difference between the prediction and the actual experience was very large, the department was asked to provide clarification. For example, three departments that had collectively predicted an annual cost of \$506K for overtime resulting from CWS discovered no additional overtime has been required. One indicated, however, that this was partially due to a diminished workload and could change at any time.

In many cases, departments reported difficulty in determining exact costs or savings because other factors, such as workload, affected the amount spent on overtime and labor. One directorate declined to provide input because the department heads did not feel that they had an adequate tracking mechanism in place for preparing accurate data.

For the first quarter of implementation, departments attributed \$291,337 in savings to CWS. Unfortunately, the unpredictable influence of external factors makes it difficult to use this information to predict the actual annual savings that can be expected. Based on the data available, however, the total annual savings to be realized will probably be between \$900K and \$1.2M.

### POSTDOC from Page 8

finished the tour, he too was offered and accepted a position in the branch.

This year, Higa and Gedridge are mentoring Jung Oh, a research chemist who received her doctorate from UCLA in 1989. Oh is pursuing a research project that involves the synthesis of antimony compounds.

Other Postdocs who have become China Lake employees in recent years include John Stenger-Smith, Mike Seltzer, Greg Ostrom and Tom Groshens. These scientists are establishing an impressive record in their respective areas of research. Higa was recently selected to head the Optical and Electric Materials Branch.

The Postdoctoral Fellowship Program is sponsored by the Office of Naval Technology and administered through the American Society for Engineering Education. Information about the program reaches the potential applicants—who must have received their doctorate degrees within the past seven years—through national advertising and direct contacts with universities. Four times a year ASEE accepts applications for the program.

Prior to applying for the Fellowship, a candidate establishes contacts at China Lake and, with the help of the prospective mentor, prepares the 5- to 10-page research proposal that is central to the application package. Early communication between the applicant and China Lake ensures that the proposed research is tightly focused on a subject of mutual interest. Once the applicant is accepted into the program, there are optional one-year extensions up to a maximum of three years.

Another plus of the Postdoctoral Fellowship Program

is the interchange of ideas and attitudes that it fosters in the scientific community.

Some Postdocs take their China Lake experience with them into industry, others into government positions and many to academia.

After a year or more working side-by-side with experienced China Lake researchers, the Postdocs carry with them an appreciation of the dedication and scientific sophistication that is a China Lake hallmark. At the same time, seasoned China Lake scientists working real-world problems in their laboratories benefit from the infusion of fresh ideas and attitudes brought by the recent university doctoral graduates.

Four sources fund the Postdoctoral Fellowship Program. ONT pays for one Postdoc at China Lake each year. Funding is also provided through China Lake's in-house Management Support Initiative Program. The third source is major projects, which can support Postdocs who are working in specific project areas. Finally, Postdocs can be funded through a Cooperative Research and Development Agreement with industry; Rockwell and Raytheon are currently funding Oh's position.

Although the Postdocs at China Lake have thus far worked only in the Research Department, the program is available to any NAWCWPNS group that has a need for this type of talent. Doris Laffoon (939-3523), Program Administrator for China Lake, and Bob Green (939-1602), Program Technical Advisor, would be happy to talk with people in other departments who would like further information.

### Postdoc Program gives the applicant and China Lake an opportunity to evaluate each other.

### CSUB news...

#### Spring Quarter starts

On March 29, the California State University, Bakersfield, spring quarter begins.

At the China Lake site of the Naval Air Warfare Center Weapons Division, CSUB offers a bachelor of science degree in business administration and a master of science degree in administration. To obtain a copy of the course schedule or to enroll in a course, call Denise at 939-2648.

CSUB is offering the following courses under contract: (1) MGT 302: Introduction To Operations Management, Wednesdays, 4:10-9:10 p.m.; (2) MIS610: Seminar in Information Systems Management, Thursdays, 4:10-9:10 p.m.; (3) MATH477: Probability for Engineers, Mondays, Tuesdays, Wednesdays and Thursdays, 11:30 a.m.-12:30 p.m.

Also offered by CSUB, but not under contract (cost is \$375), is ADM577: Special Topics In Administration: Managerial Skills, Mondays, 4:10 - 9:10 p.m.

#### Academic counselors visit China Lake

Academic counselors of California State University, Bakersfield, will be at China Lake March 17 to advise current and prospective students in the external degree programs offered by that school at China Lake.

Programs offered include a bachelor's degree program in business administration and a master's degree program in administration.

To make an appointment to see a counselor, call Denise at 939-2648.

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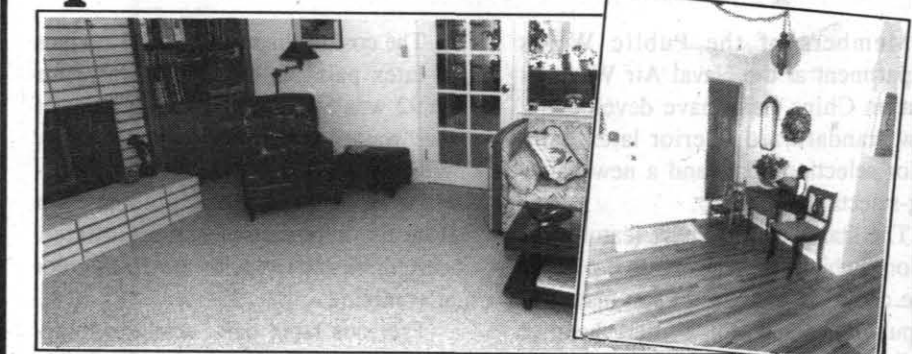
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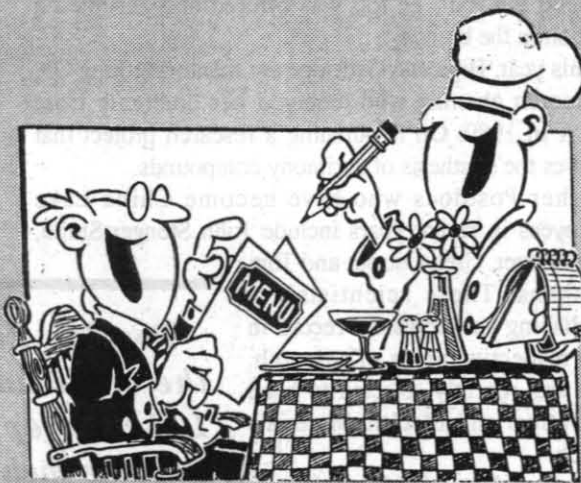


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## Video Listings

## KNID & TVIS March 15-26

**KNID-Cable Channel 17**  
• Monday-Friday, March 15-19  
5:30 p.m.: Navy News  
5:55 p.m.: Historical Film: "Project SNORT" (1953)  
6:15 p.m.: Special Message: Reliability  
6:16 p.m.: "A Magnificent Creature Worth Saving: Bighorn Sheep"  
6:40 p.m.: Salvation Army  
• Monday-Friday, March 22-26  
5:30 p.m.: Navy News  
5:55 p.m.: Historical Film: "Expanding Frontiers in Ordinance" (1959)  
6:18 p.m.: Special Message: Civic Involvement  
6:19 p.m.: Bearden Plays Bearden  
6:44 p.m.: Second Chance

**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.  
• Monday, March 15  
SPECIAL NOTE: TVIS will broadcast C-Span all day in anticipation that there will be coverage of DoD's Base Realignment and Closure Report, due March 15. Times have not been announced.

• Tuesday, March 16  
8:30 a.m.: IEEE: Fuzzy Logic; Applications and Perspectives  
11:30 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: Filemaker Pro Part 1 of 3  
3:00 p.m.: Life After Retirement  
• Thursday, March 18  
8:30 a.m.: What is Multimedia  
10:30 a.m.: Empowerment: Even Eagles Need a Push  
11:00 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: Filemaker Pro Part 2 of 3  
3:00 p.m.: Life After Retirement  
• Tuesday, March 23  
8:30 a.m.: Computer Channel: FDDI Fundamentals  
10:30 a.m.: Computer Channel: Imaging Solutions  
11:30 p.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: Filemaker Pro Part 2 of 3  
3:00 p.m.: Life After Retirement  
• Thursday, March 25  
8:30 a.m.: Morris Massey: Flashpoint: Where Values Collide  
10:00 a.m.: Tom Peters: Passion for Customers  
11:00 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: MS Word 5.0 Part 1 of 3  
3:00 p.m.: Life After Retirement

### Substantially cuts waste

## PW develops new standardized latex paint color selection chart

Members of the Public Works Department at the Naval Air Weapons Station China Lake have developed a new standardized interior latex paint color selection chart and a new painting-selection policy.

The standardized chart features 11 colors, which are conservative pastels. The choices were based upon historical popularity, noted Ron Willett, head of PW's Construction Shop Number 3.

Once the paint is mixed, Willett said, customers will not be allowed to dispute the color match or change their minds about the color choice. The paint will be applied as mixed.

The cost of disposing 12,341 pounds of latex paint as hazardous waste for FY92 was \$60,750. Ninety percent of the "waste" paint was, in fact, usable, Willett said. It was rejected by employees who, after selecting the initial color from the hundreds of choices offered, were dissatisfied with the final color after mixing.

Previous latex paint selection practices allowed for hundreds of possible color combinations. It required equipment that mixed five gallons of paint minimum for usage. Any leftover paint of "odd" colors, once mixed, was discarded because of the low demand.

## CSUN professor visits China Lake

Professor Mincer of California State University, Northridge, will be at China Lake March 19 to advise current and prospective students in the master's

degree program in mechanical engineering offered by the school.

To see Professor Mincer, call Denise at 939-2648.

### TEAM, from Page 11

In this article, I introduced the three main teaming relationships of technical TEAM integration: program support, functional support and organizational support. Much like a three-legged stool, you need all three if you want a stable platform to sit on. Although we will be placing the most emphasis on the program support leg, clearly we can't get along without the other two. In the next Straight Talk articles we will be examining each of these support legs in order to better understand what it takes to be a successful TEAM player.



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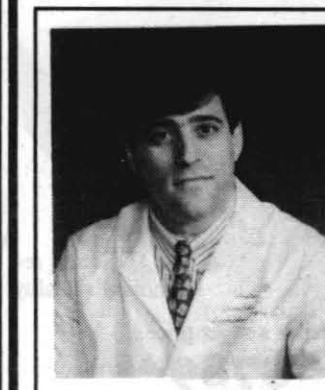
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## Straight Talk

By Lew Lundberg  
NAWC Technical Director



(Editor's Note: RAdm. Strohsahl has asked NAWC's technical director, Lew Lundberg, to write a series of articles explaining our efforts in TEAM Integration, beginning with this Straight Talk article.)

Before I talk about TEAM integration, I'd like to say "hello" to all of you and let you know how much I appreciate the opportunity to communicate directly with each of you. I am delighted that RAdm. Strohsahl has asked me to contribute to Straight Talk from time to time and I look forward to providing you some corporate perspective from my position as NAWC's technical director.

In previous Straight Talk articles, RAdm. Strohsahl stated teamwork is the key to your success as a warfare center. He quoted Henry Ford on teamwork: "coming together is a beginning; keeping it together is progress; and working together is success." We began last year by coming together and have made considerable progress in keeping it together. TEAM integration, in philosophy and in practice, will better equip us to work together and be successful.

Teamwork means many things to different people. Dr. Deming cautions us to beware of slogans and exhortations that get people excited but don't provide an effective vehicle or a process to obtain measurable progress. In the next series of Straight Talks I will be sharing with you the rationale and structure that is being established to make teamwork more than just a slogan.

We all know what teamwork means when it comes to sports and other recreational activity. Teamwork is fun, especially when we understand the rules and have a real chance to win. However, in the work environment, all too often, "rules," "winning," and "teaming" are not well defined. Frustration results when much hard work leads to meager results and little satisfaction. That frustration is just what the TEAM Integration Strategic Quality Management Board (SQMB) wants to avoid. We are actively defining rules for teamwork so we can all perform and feel like winners.

The TEAM Integration SQMB, led by R. V. Johnson, Deputy Commander for NAVAIR, is a part of the overall Naval Aviation Systems Team Strategic Plan. The plan includes four complementary strategies: people, acquisition management, jointness, and team integration. While all four of the strategies are important to our success as a

TEAM, this year we will place heavy emphasis on TEAM integration. This was discussed at great length at the Commanders' Conference last October and VADM. Bowes made it clear how important he felt it was to be successful on this goal.

The TEAM Integration SQMB directs the efforts of five QMBs, one of which is technical support, headed up by RAdm. Tinston, Assistant Commander for Systems and Engineering. I am an active participant on this QMB, which is analyzing ways to: (1) provide more effective program support; (2) inventory and develop functional expertise; and (3) effect the long-term application of science and technology.

One of the total quality gurus, Bill Conway, has clearly pointed out the major concern of TEAM integration; how do you maximize the value added work and minimize which adds no value? Conway tends to divide all efforts into value added and non-value added categories. Value added work is work directly relating to the product or service being delivered to a customer. Non-value added work can be broken down into two categories: necessary work and rework or waste. The second category only adds cost to the product or service and is undesirable. We are attempting to maximize the value added efforts in support of programs. To that end, we are assembling data through surveys to identify work that is in direct support of programs, in addition to work that is not.

Those of us in the NAWC should be aware we are placing the highest priority on determining the portion of our workforce that is required to support programs and looking very carefully at the portion that is not. Support of programs is our number one priority; support of technology, work groups, sites or divisions is not.

By now you may be asking, "Where does this leave me?" "I don't work directly on a program." "Is my work non-value added?" "Is it necessary or undesirable?" The answer is, "it depends." It is necessary if your job is in a necessary functional support area or an organizational process required to provide support infrastructure. If your job does not meet these criteria, your job, not you, may be a candidate for restructuring and or elimination. As RAdm. Strohsahl has stated, we plan to accomplish our downsizing through placement actions, retraining and attrition.

Please see next page

## Wellness Corner

By Betty Miller  
Wellness Program Coordinator

April is National Cancer Awareness Month. The Wellness Program is sponsoring programs to help increase awareness of cancer — a skin cancer screening and the Five-A-Day Program.

### Skin Cancer Screening

The skin cancer screening will take place Friday, April 16 at the trailer just north of the Training Center beginning at noon. Appointments may be made by calling the Wellness Program Office at 939-2468. Additional days can be added, depending upon demand.

At screenings, which should take 10 minutes or less, participants will be checked for possible cancerous or precancerous skin lesions. The screening will be a full body examination, except for undergarments or swimwear. Should a suspicious lesion be found, a written report is given to the participant directing the employee to his or her own dermatologist or family physician. The participant can then schedule a follow-up examination for confirmation of the screening's findings and subsequent treatment.

The screenings are rapid skin scans since no biopsies are performed at the time of screening. Participants with a suspected skin cancer are encouraged to seek further medical care. In cases of suspected melanomas, this could be a life-saving measure.

The majority of cases of skin cancer are due to the damage done to the skin by overexposure to the sun. Malignant melanoma has also been linked to exposure to sudden, strong bursts of sunlight. A family history of the disease is another factor. Unlike other forms of skin cancer, which usually affect an older population, malignant melanoma strikes people of all ages, even those under 35.

Skin cancer is the most common form of cancer in the United States,

### Another trip to see 'Joseph and the Amazing Technicolor Dreamcoat' may be scheduled

Because the response to the theatre trip to see "Joseph and the Amazing Technicolor Dreamcoat," was so overwhelming, another trip will be planned if enough interest is shown. Please call 939-3506 or 939-2773 by March 15 and

### All Faith Chapel

### Special Mass scheduled on Sundays

During March, April and May, the All Faith Chapel at the Naval Air Weapons Station China Lake will host a Mass on Sundays, beginning at 7 p.m.

### Skin cancer screenings planned during April

with the number of cases of malignant melanoma nearly doubling each decade. By the year 2000, if the current trend continues, it is expected that one in every 75 Americans will develop melanoma and one in six will have some form of skin cancer.

### Five-A-Day Program

The National Cancer Institute has teamed up with the produce industry to create the program that promotes daily consumption of five servings of fruits and vegetables.

Fruits, vegetables and other dietary fiber are important in reducing the risk of certain cancers. Some scientists estimate that as much as 35 percent of all cancers are related to Americans' high-fat, low-fiber diets. Unfortunately, most people fall short of the recommended five servings of fruits and vegetables as suggested by the National Academy of Sciences, US Department of Agriculture, and Department of Health and Human Services.

•Less than 10 percent of Americans eat five or more servings of fruits or vegetables on any given day

•The average adult eats fewer than three servings of fruits and vegetables a day

•10 percent of US adults have no servings of these foods on any given day.

Calendar logs for April with fruit and vegetable icons on each day of the month are available from department wellness program area coordinators or the Wellness Program Office. Participants are to shade in one icon for each serving they eat during the day. A table listing fruits and vegetables with vitamin and fiber content is on the reverse side of the log. The goal is to consistently be eating two fruits and three vegetables daily by the end of the month.

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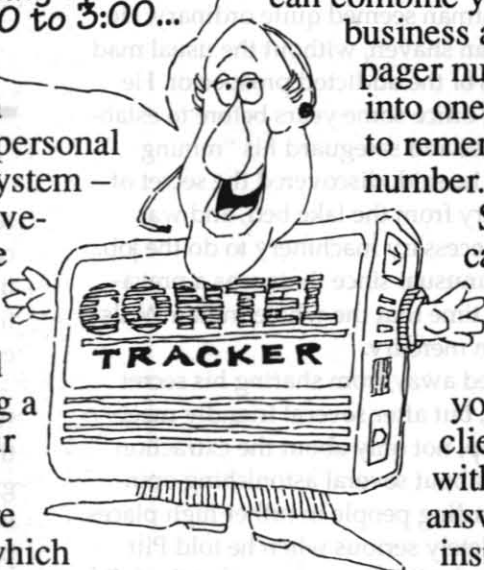
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# Land is explored, cleared for new base

by Virginia Pittinger

One of Pitt's first assignments gave him a splendid overview of the entire area. He was to assist Ens. Bob Anderson, the Safety Officer, in exploring thoroughly the 40 x 20 mile rectangle that would become the Naval Ordnance Test Station. Their job was to warn everyone still living there to move out because they might be in danger from the firing ranges. In view of the circumstances, the displaced people could apply to the Navy for reasonable compensation and request aid in moving to another location.

There were reports of twenty-six residents—not all of them full time—throughout that area and Capt. Burroughs was concerned about their safety because some of them were too close to the firing ranges, and others actually had to cross them to get to their cabins.

The first removal was also one of the most outlandish. Exploring the area between the Pilot Plant and the administrative and residential center of the base, Pitt came upon a man who was living in a neat row of automobile bodies—three big, gutted 1930 vintage sedans which provided him with a bedroom, kitchen, and storeroom, and one moving van furnished with easy chairs, a desk, and several tables to make a comfortable living room.

Aside from his odd manner of living, everything about this ex-postman seemed quite ordinary. He was slim and clean shaven, without the usual mad gleam in his eyes of the addicted prospector. He had quit the post office some years before to establish this home base and safeguard his "mining claims." He had, he said, discovered the secret of extracting mercury from the lake bed, and was assembling the necessary machinery to do the job. This was not so unusual since there was a prevalent belief at this time that the whole Indian Wells Valley was rich in mercury.

At first he shied away from sharing his secret process with Pitt, but after several friendly meetings he opened up, not only about the extraction process, but also about several astonishing opinions he held regarding people in rather high places.

He was completely serious when he told Pitt that the extraction had to be performed at the full of the moon so that its pull could be exerted on the mercury and separate it from the dirt. He then went on to say that Pitt should be aware that all the activity on the navy base had been personally ordered by President Roosevelt as a cover up of his secret plan to give the Indian Wells Valley to the DuPonts, under the terms of a marriage agreement between the two families.

Pitt had begun to back away under this wild barrage of idiocy when the ex-postman concluded sadly that Death Valley Scotty had poisoned his well because he had called Scotty a no-good SOB. Which everyone knew he certainly was!

The Navy subsequently moved him and all his old car bodies, piles of mercury-mining machinery, and junk to a site south of Ridgecrest.

Among the others who had to be moved or bought out, was "The Mad Doctor," so-called because he had given up a thriving medical practice in Los Angeles to set up an iffy little gold mining operation high in the Argus Mountains. He was especially at risk since he was one of those who had to cross a firing range to get to his cabin.

He greeted his Navy visitors with a smile. "I've been expecting you," he said, "but you really needn't have bothered. I'm closing this up and going back to LA anyway."

A week later Pitt and Bob returned to be sure that he had really left. They were just in time to see an ancient, white-built, flatbed stake truck coming down Burro Canyon toward them. It was filled to the top with furniture, tools, and bedding. Milk cans, pots, and pans hung from the stakes and banged away at each other with every bump in the road and every sway of the truck.

Bob and Pitt grinned at each other. Pure Hollywood!

## Remembering WHEN

In the center of Salt Wells Valley the two-man safety team uncovered a mercury mine swindle called Metaltron. This company of con-men enticed unsuspecting city folk to the desert and put on a fine show of producing mercury right before their eyes.

Their equipment consisted of a tower that had two pipes running from the top to the bottom of the structure. This much was visible from the ground. While the intended victims were watching, beautiful mercury flowed out of the smaller pipe, and out of the larger came the "pay dirt" from which it had been extracted.

Because Pitt was the engineer he was the one who climbed all over the tower to see how the scam worked, and found what the innocent visitors never saw. At the top was a hidden jar which fed mercury into the first pipe while a conveyor poured dirt into the other. Simple, but effective, since a Rube Goldberg confusion of pipes, conveyers, and other machinery could be heard grinding away inside the tower to produce this amazing result.

There was no problem getting rid of these people. They simply disappeared without notice.

At the north end of the NOTS rectangle, Bob and Pitt came upon John Carricart.

They were on their usual weekend scouting expedition and this time went through Mt. Springs canyon up to a high flat valley covered with Joshua trees. Smoke drifting among the tree tops led them to a fine, well built cabin. A short, stout man came out to greet them and almost immediately invited them in to meet his wife, who was even shorter than he was and very thin.

The inside of the cabin was as attractive as the outside, neatly furnished, comfortable, and clean, with a bright kitchen, living room, two bedrooms and—rare luxury indeed—a bathroom for which they had to bring in water from a cistern.

John Carricart was a Basque who had come to the United States to be a sheepherder when he was in his teens. After many years with the sheep, he discovered gold, went to Darwin to learn mining, and had now been working his own claim for thirty years. He was in his sixties, he said, sitting back in his well-worn rocker and refilling his pipe. He and his wife had raised two sons in this house, one of whom was right now in the Pacific with the Marines.

He rocked quietly watching the two young men, who for once couldn't even begin to say what they knew must be said about moving out.

At last Bob broke the silence. "We brought our lunch with us—some baloney sandwiches and a whole apple pie the cook threw in. How about sharing it with us?"

John Carricart's warm, hearty laugh filled the cabin. "Sure," he said. "Apple pie is fine, eh Mama?"

She nodded. "That would be nice. Thank you." When Pitt and Bob finally left, they sat outside in the jeep for a bit. "What are we going to do? They've lived here over thirty years. They're not like those others."

Pitt sighed. "No, they're not. But they're right on the edge of things, they'll have to move."

"There must be something we can do."

"But what? Hey, I know. We're going to need a guard up here to keep people away, aren't we? Why can't it be him?"

And that's how John Carricart became north boundary guard and road supervisor for the Navy and got to stay in his snug little home with his thin little wife.

This story, however, had a sad ending. Two years after Mr. Carricart went to work for the Navy, his son came home from the Pacific and was stationed at Point Loma near San Diego.

John and his wife went to see him, and one night John was killed by a military vehicle that swung around a corner just as he stepped in its path.

It seems most fitting that the place of the Joshua trees where this simple, good man lived is now called Carricart Valley, and that the dry lake, not far from his cabin, also bears his name.

## China Lake hosts Kuwaiti F/A-18 program

By Vance Vasquez  
Missile Staff Writer/Photographer  
NAWS Point Mugu

*Weapons Division  
assists several friendly  
nations in military  
development efforts*

Both sites of Naval Air Warfare Center Weapons Division host foreign countries in providing assistance in the development of their countries' individual military programs.

China Lake is providing Kuwait Air Force an area in which to test and develop their newest aircraft, the McDonnell Douglas F/A-18C & D Hornet.

The Kuwait Air Force selected the F/A-18 Hornet in 1988 and has purchased 32 single-seat F/A-18C and eight F/A-18D two-seat aircraft.



**TWO-TONE** camouflage distinguishes Kuwaiti F/A-18D.

Photos by Vance Vasquez

The Kuwaiti F/A-18D, temporarily based at China Lake, is the first production Hornet for Kuwait, and was the first aircraft to be powered by the new higher-thrust General Electric F404-GE-402 enhanced performance engine. This new engine has

become the standard powerplant for all Navy and Marine Corps aircraft.

This Kuwaiti F/A-18D was first flown in September 1991. It was officially rolled out during a ceremony, Oct. 8, at the McDonnell Douglas plant in St. Louis, Mo.

The Kuwaiti F/A-18D is currently testing the AGM-65G Maverick air-to-ground missile and software developed at China Lake. Testing of the Hornet's early warning receiver has already taken place on Point Mugu's Sea Test Range.

Ricardo Springs, the deputy for Foreign Military Sales, and the F/A-18 Weapon System Support Activity are involved in the

progress of all foreign military sales at China Lake. He makes certain all customer requirements and Navy responsibilities are met by managing personnel and financial resources.

"It has been rewarding for me in that I have the opportunity to work with difference FMS customers and learn about their customs," said Springs.

Springs said to participate in a program providing a product vital to the national interests of an FMS customer is also rewarding.

"I look forward to the continued success of this program and all other FMS cases," Springs said.

LtCol. Al Zuwawi, a pilot of the Kuwait Air Force, arrived at China Lake in October 1992 to commence testing the Hornet. He is scheduled to depart this July, although he may extend another year.

A distinctive feature of the Kuwaiti Hornet is the two-tone gray with light sand camouflage pattern baring the Kuwaiti flag on the tail of the Hornet.

"It looks like a shark," Zuwawi said.

This F/A-18D was personally signed for by the previous ambassador of the state of Kuwait in the U.S.A., Saud Al-Sabah.

A unique feature is the radio, produced in Germany, offering more radio frequencies. The blade antennae carried just forward of the canopy on the Kuwaiti Hornet are a part of the Identification Friend or Foe System.

The first F/A-18s are already arriving in Kuwait, and deliveries will continue through September. The Hornets will replace both the A-4KU "Skyhawk" and French-built Dassault "Mirage" F1CK fighters in the Kuwait Air Force.

"The Kuwait F/A-18 Program is right on track," Zuwawi said.

He noted the added benefit to the Kuwaiti Air Force is the F/A-18's radar system capability, which the older A-4KUs don't have. The Hornet provides a versatile platform for both air-to-ground and fighter role capabilities. With the addition of the new AIM-7M Sparrow air-to-air missile, and the French-built "Magic 2," a heat seeking air-to-air missile gives the Kuwait Air Force flexibility.

Zuwawi said, the F/A-18 can do the job. It has good radar and weapons systems. It's a good platform.

## Gulf War veteran testing homeland's Hornet

LtCol. Al Zuwawi has been a pilot in the Kuwait Air Force since 1973 and has 26,000 hours of flying time.

Zuwawi has 21,000 flying hours in the A-4KU Skyhawk attack aircraft and has also flown the Mirage F1CK fighter aircraft. Zuwawi said, "I love it!" when describing flying the A-4KU Skyhawk. He is now testing the newest aircraft of the Kuwait Air Force, the F/A-18 Hornet at the China Lake site of the Naval Air Warfare Center Weapons Division.

Zuwawi was the executive officer of A-4KU Squadron 9 at Ahmed al Jaber Air Base. On the morning of Aug. 2, 1990, he was on vacation in Kuwait. He received a phone call at 2 a.m. from his commanding officer at Ahmed al Jaber, asking him to report at once because Iraq had just invaded Kuwait. Zuwawi said, "I did not believe him; I took my time."

While he was traveling to Ahmed al Jaber he saw tanks and troops moving throughout the area.

"I thought they were our troops, nothing to tell if they were Iraqi troops, then I heard shots and explosions. I thought this is serious," he said. "A miserable day."

When he arrived at Ahmed al Jaber he found his air base under attack by Iraqi Mirage F1EQ fighters and MiG-23BN Flogger attack aircraft. He could not believe his base was under attack.

His base had been under attack for some time, and as more personnel started to arrive, they loaded bombs and AIM-9 Sidewinder air-to-air missiles on the A-4KUs.

Zuwawi said he flew on the first day of the invasion and bombed the invading Iraqi troops. He was able to shoot down two Iraqi Mi-25 Hinds, a heavily armed attack helicopter, using AIM-9s.

On the morning of Aug. 3, 1990 he flew into King Abdul Aziz Air Base, Saudi Arabia, in his A-4KU Skyhawk.

"I had a feeling in my heart I would be back. It was like a dream," Zuwawi said.

During Operation Desert Storm, he flew 50 bombing missions and flew missions striking tanks on the ground of the elite Republican Guard in Kuwait.

His first mission of the war was to bomb his home base, Ahmed al Jaber.

"This was to open the show. I told my base commander I had just bombed his office," Zuwawi said.

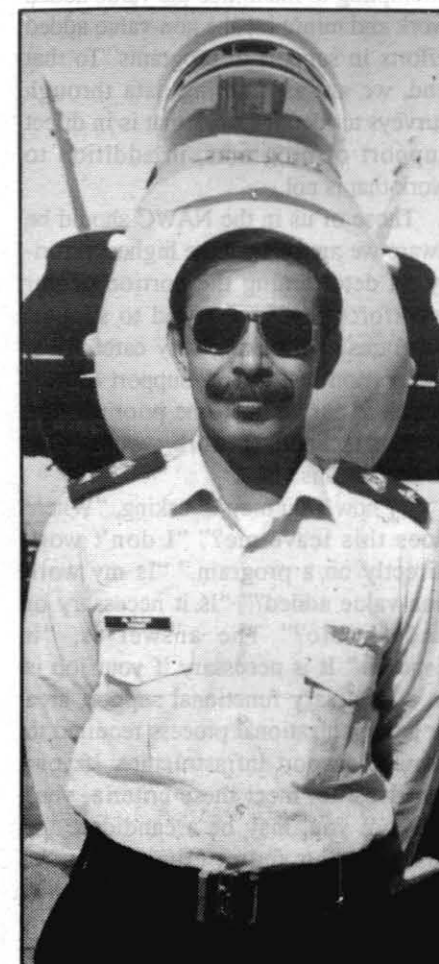
After being stationed at Ahmed al Jaber for 15 years, he couldn't imagine someday having to bomb his own base.

After coalition forces liberated Kuwait, he drove back home to look for his brother who had remained in Kuwait. He found his brother and rejoiced in the freeing of their country.

He said, "I'm grateful to the American and European countries who came to defend Kuwait."

While here Zuwawi and his family are spending some time traveling and enjoying being here. They look forward, though, to returning home.

—Vance Vasquez



LtCol. Al Zuwawi



## PERSONNEL NEWS

### PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12952, must register in the DOD Priority Placement Program to be eligible for special preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

**HOW TO APPLY:** Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the task/effort performed), and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSA) as cited in the advertisement is highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 123552, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this information is missing, your qualifications may not be fully and completely stated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spouse Program Eligible with competitive status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

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

### NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

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

### MERIT PROMOTION

**No. 005-MG-93, Supervisory Public Affairs Specialist, GS-1035-12, Naval Air Weapons Station, Public Affairs Office, Point Mugu, P0703—**The incumbent serves as the Head, Public Affairs Office. The office is responsible for establishing and maintaining public understanding and confidence in the Navy, and specifically in the NAWC/NAWS, through the internal and external information programs of the Command including, but not limited to the preparation and release to the media of official statements, coordination of internal relations programs, supervision of the Command community relations program, assistance to tenant and other area commands, and marketing and publicity support for base morale, welfare, and recreation activities. The incumbent is responsible for carrying out the EEO policies and communicating support of these policies to subordinates. **QUALITY-RANKING FACTOR:** Experience in governmental or civilian capacity that demonstrates a wide spectrum of knowledge diverse in media or multimedia programs and their management. Promotion potential to GM-13, but not guaranteed. This position is subject to the Performance Management and Recognition System at the GM-13 level. Application consists of an SF-171 and a copy of your most recent performance appraisal. Applications may be submitted to the Human Resources Department, Room 100, NLT 1700 of the closing date, or they may be mailed directly to Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: M. Gutierrez, Point Mugu, CA 93402-5002. Mailed applications must be postmarked NLT than the closing date. (2) 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. (3) **HAZARDS:** The employee is exposed to fumes from toxic fuels and acids at infrequent intervals and is constantly exposed to the hazards of handling missile propellants and explosive components. Any error in judgment may cause an explosion, endangering the employee and other employees to burn, cuts, and toxicity. (4) **PHYSICAL DEMANDS:** Weights of five to six thousand pounds are handled by employee using crane truck, dollies, and hand trucks, forklifts, and chain hoists. Heavy exertion may be required at infrequent intervals for brief periods of time. HRD point of contact is Marcela Avila, AV 351-3235. Permanent Change of Station (PCS) is not authorized. This ad opens on 11 March and closes on 25 March.

**No. 006-MZ-93, Materials Handler, WG-6907-07, Naval Air Weapons Station, Weapons Department, Ammunition Storage, Point Mugu, P752—**The incumbent moves ammunition, including explosive types, by hand, forklift, or other materials-handling methods. Assembles groups for shipment, loads ammunition on trucks, and performs similar unloading operations. Determines mark, mod, and code of various ammunition and explosive components and manner of storage. Assists in assembly, loading, and launch operations. **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. **QUALITY-RANKING FACTOR:** Knowledge of ordnance assembly, handling, loading, and launching. **NOTES:** (1) Application consists of an SF-171 and a copy of your most recent performance appraisal. In addition to the SF-171, applicants are required to submit supplemental information on the screen-out element. Responses may be submitted on plain bond paper.

Applications may be submitted to the Human Resources Department, Room 100, NLT 1700 of the closing date, or they may be mailed directly to Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: M. Avila, Point Mugu, CA 93402-5002. Mailed applications must be postmarked NLT than the closing date. (2) 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. (3) **HAZARDS:** The employee is exposed to fumes from toxic fuels and acids at infrequent intervals and is constantly exposed to the hazards of handling missile propellants and explosive components. Any error in judgment may cause an explosion, endangering the employee and other employees to burn, cuts, and toxicity. (4) **PHYSICAL DEMANDS:** Weights of five to six thousand pounds are handled by employee using crane truck, dollies, and hand trucks, forklifts, and chain hoists. Heavy exertion may be required at infrequent intervals for brief periods of time. HRD point of contact is Marcela Avila, AV 351-3235. Permanent Change of Station (PCS) is not authorized. This ad opens on 11 March and closes on 25 March.

**No. 007-MZ-93, Child Development Training and Curriculum Specialist, GS-1701-07, Naval Air Weapons Station, Morale, Welfare and Recreation Department, Recreation Division, Point Mugu, P703—**This position develops and implements training for the Child Development Center staff which helps them render safe and developmentally appropriate care to children. The incumbent executes the standardized Child Development training program and provides orientation training in safety, health and sanitation, fire prevention and evacuation, recognizing, reporting and preventing child abuse, first aid and cardiopulmonary resuscitation (CPR), nutrition and real service, child growth and development, classroom management, child guidance and discipline techniques, and other related topics. The incumbent maintains training records and prepares reports and recommendations for the supervisor and develops the framework for a curriculum to be used by program staff which promotes the physical, emotional, cognitive, and social growth of children ages 6 weeks to 12 years. The curriculum, which revolves around a planned yet flexible daily routine, includes a variety of age-appropriate, skill-developing play activities. Supports the parent participation program by arranging and coordinating activities to involve parents such as field trips, parent newsletter, special events, and parent education programs. Develops a working relationship with local colleges and professional organizations and advises staff about continuing avenues of professional development. Serves as a point of contact for information on the Child Development Association (CDA) National Credentialing Program. May be a CDA

advisor to caregivers who are obtaining CDA credential. **QUALITY-RANKING FACTOR:** Knowledge of early childhood principles, theories, concepts, and standards as they relate to military child development programs and services. Application consists of an SF-171 and a copy of your most recent performance appraisal. Applications may be submitted to the Human Resources Department, Room 100, NLT 1700 of the closing date, or they may be mailed directly to Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: M. Zaragoza, Point Mugu, CA 93402-5002. Mailed applications must be postmarked NLT than the closing date. HRD point of contact is Marcela Zaragoza, AV 351-3235. Permanent Change of Station (PCS) is not authorized. This ad opens on 11 March and closes on 25 March.

**No. 21-012, Computer Engineering Technician, DT-802-1, C2112—**This position is in the A-6 Facility Branch of the Aircraft Weapons Integration Department. The incumbent will provide computer engineering support to the A-6 Weapon Systems Support Facility (WSSF) and support the software and hardware engineers in the branch. Responsibilities will include providing software and hardware analysis, design, code, debug, and test support for the WSSF's computer systems; development and execution of laboratory test procedures for development aircraft computer software and system-level computer software; development and maintenance of various databases (from requirements and analysis through design, coding, and test); system administration functions for Silicon Graphics, Encore, and Digital Equipment Corporation computer systems; and computer system security. The applicant must be able to work as a member of an integrated government/contractor team on a project with ambitious goals and schedules. **Job-Relevant Criteria:** Knowledge of mini- and micro-computer systems and operating systems; knowledge of computer system security rules and regulations; knowledge of database systems; ability to write and conduct standard and specialized test procedures; ability to perform upgrades to system and application software; ability to analyze complex problems and determine the nature of system anomalies. The applicant must be able to obtain and maintain a Secret clearance. The full performance level of this position is DT-2. This ad opens on 11 March and closes on 18 March.

**No. 84-008, Firefighter (Driver/Operator), GS-081-6, C842—**This announcement will be used to establish the promotion register for Firefighter, GS-081-6, which will remain in effect until March 1994. Duties include driving and operating structural pumps and a variety of crash fire trucks, responding on ambulance calls as either driver or attendant; inspecting site buildings and property; and conducting training classes for trainee firefighters. **Job-Relevant Criteria:** Knowledge of locations (streets, water distribution, alarm/detection systems, building content and layout, etc.); knowledge of firefighting; ability to operate firefighting apparatus and equipment, (e.g., structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment, etc.); ability to safely direct and control firefighting vehicles (proper use of gears, clutch, brakes and demonstrated safe, smooth, effective operation of vehicles); and ability to carry out assignments with minimal supervision. **SUPPLEMENTAL QUALIFICATION STATEMENT REQUIRED. THIS FORM IS AVAILABLE IN ROOM 100 OF THE HUMAN RESOURCES DEPARTMENT BUILDING. THE PERSON(S) SELECTED FOR THIS POSITION WILL BE SUBJECT TO URINALYSIS TESTING FOR USE OF ILICIT DRUGS. SEE "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" IN "PROMOTIONAL OPPORTUNITIES" BOX. This ad opens on 11 March and closes on 18 March.**

**No. 85-003, Materials Handler, WG-6907-4/5, C851—**This position is located in the Weapons Department, Magazine Operations Division, China Lake. The incumbent will perform duties involving the receiving, shipping, storing, issuing and transporting of ammunition/explosives and components. The major duties and responsibilities are as follows: The incumbent will be operating equipment such as electric and diesel forklifts plus trucks up to and including 10 tons. The incumbent will inspect cargo and shipping documents to ensure material is properly marked, stenciled, labeled, tagged, and sealed and will assist in the upkeep and cleanliness of all magazines as well as periodically inventory and rearrange the magazine contents. The incumbent will be required to acquire and

maintain a valid commercial driver's license. Applicants should possess ordnance knowledge, be able to identify safety hazards, and be able to operate trucks and special vehicles. **Job-Relevant Criteria:** Knowledge of ordnance and explosives; ability to do the work of the position without more than normal supervision; ability to interpret instructions, documents, etc.; skill in use of material-handling equipment and techniques; dexterity and safety. Full performance level is WG-7. A Supplemental Qualifications Statement is required when applying for this position and may be obtained in Room 100, Human Resources Department. This ad opens on 11 March and closes on 18 March.

### REASSIGNMENT OPPORTUNITIES

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. 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 (Code 098 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

### REASSIGNMENT COLUMN

**No. C21-011, Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace/Industrial Engineer/Physicist/Mathematician), DP-901/830/850/855/861/896/1310/1520 - 3, C2105—**This position is located in the AH-1W Weapon System Support Activity (WSSA) Project Office, Aircraft Weapons Integration Department (Fighter/Attack). The incumbent will serve as technical manager for the development of AH-1W Operational Flight Programs (OFPs) and their subsequent introduction into the fleet. This includes the coordination of tactical software development activities on several embedded computers, system/software validation, tasking of numerous NAWCWPNS organizations, liaison with other navy field activities, and the technical direction of a diverse range of prime contractors. Plans, schedules, and budgets will be prepared and briefed to NAWCWPNS management and sponsors. Airtasks, Work Unit Assignments, and Interdepartmental Task Agreements will be prepared to accomplish this tasking. The full performance level of this position is DP-3. Permanent Change of Station (PCS) is not authorized. To apply send an updated SF-171 to G. K. Lundin, Code C2105, NAWC Ext. 939-5678. This ad opens on 11 March and closes on 25 March.

### SECRETARIAL OPPORTUNITIES

This column is used to announce secretarial positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grade, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretarial duties are implied by the job relevant criteria indicated below. Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

### SECRETARIAL COLUMN

**No. 29-011, Secretary, DG-318-4, C29—**The incumbent provides secretarial and administrative support to the Head of the Intercept Weapons Department. Duties include managing Department Head's calendar, operating Macintosh II computer, prioritizing workload, providing guidance and direction to department clerical personnel. Incumbent must be able to obtain and maintain a Secret clearance. Position is at the full performance level. This ad opens on 11 March and closes on 18 March.



## Naval Air Warfare Center Weapons Division Naval Air Weapons Station, China Lake Announcements

Submit items to Barry McDonald, Code C08033, FAX 939-2796 by close of business Wednesday the week before publication



### CSUC COMPUTER SCIENCE GRADUATE WRITING EXAM

The CSU, Chico Computer Science Graduate Writing Exam will be given 13 April at China Lake. CSUC graduate students who need to take the exam may do so by calling Denise at 939-2648 to reserve space. The cost is \$20. (C622)

### ATTENTION PROJECT MANAGERS AND ENGINEERS

There are two classes coming in April on DOD 5000.2 for Program Protection and Technology Control and System Security. These classes will teach you and your security representative how to prepare protection plans for your project and what you need to do to prepare for the DAB review. Navy Acquisition System Protection Program is designed specifically for project managers and engineers and will be taught 5-8 April. Navy System Security Engineering Management Program is for your security person and will be taught 12-15 April. These are DOD-funded courses and require a special enrollment form which may be obtained from Marie Duff, 939-0873, at the Training Center, or from Dave Shipley/Ken Delger at 939-2079/939-3304 at the OPSEC Office. Enrollment forms need to be returned by 19 March. Class size is limited, so enroll early. (C8408/C622)

### NATIONAL CONTRACTS MANAGEMENT ASSOCIATION MEETING

J. Joseph Forsys, II will be the guest speaker at the March meeting of the Ridgecrest/China Lake Chapter of the National Contracts Management Association. Mr. Forsys will conduct a dynamic workshop entitled "Proactive Government-Owned Contract Property Considerations - From Contract Solicitations to Postwards." The meeting will be held 11 March at 1130 at Farris' at the Heritage. The cost is \$7.50 for members and \$8.50 for nonmembers. For reservations call Terri Morrison at 499-5910, Sandy Madeleine at 499-5945, or Bruce Emerson at 499-5960.

### 14-TRACK AMPX ANALOG TAPES AVAILABLE

C2823 has over 200 14-track Ampex analog tapes available. They are FREE! Just haul them away. For more information, call 939-0469. (C2823)

### EEO POSTERS

The Naval Air Warfare Center Weapons Division Counseling and Complaint Program posters (EEO posters) have been distributed to the Departments at China Lake for distribution. All official bulletin boards are required to display the Counseling and Complaint Program

posters. Additional posters will be available in Room 100, Human Resources Department, 505 Blandy.

### TECHNICAL LIBRARY ADVISORY BOARD MEMBERS

The following is a list of the Technical Library Advisory Board Members and alternates. If you have any questions about services or materials contact one of the following advisory board members: Mona Alkhafi, C8313 939-4477; Barbara Ayers, C653, 939-8136; Dr. Jean M. Bennett, C02303, 939-1426; Dr. Kent C. Bullock, C215A, 939-8929; Mike Boteler, alt., C2151, 939-3273; Joe Cardani, alt., C2151, 939-8729; Andrew P. Chafin, co-chair, C02353, 939-1606; Dr. David Vanderah, alt., C02353, 939-1633; Mary-Deirdre Coraggio, C643, 939-1017; Dr. Donna M. Hanson-Parr, C02392, 939-3099; Dr. Josephine Covino, alt., C02391, 939-0199; John Heumann, C2772, 939-7534; Linden Perkins, alt., C2761, 939-7681; Dr. Gary A. Hewer, C2911, 939-8414; Stacey Howard, C0252, 939-1699; Richard Hughes, C28205, 939-2654; Camille Martin, co-chair, C2527, 939-2488; James Irvine, alt., C25872, 939-1255; Jill Parks, C0204, 939-3269; Peg Ender, alt., C0205, 939-3223; Barbara Tunget, C0808, 939-4450; Dr. Terrell Vanderah, chair, C023503, 939-1654; or Dr. Charlotte Lowe-Ma, alt., C02354, 939-1607.

### CLWISE LUNCHEON

The China Lake Women in Science and Engineering (CLWISE) is holding a luncheon on Tuesday, 16 March from 1130-1300 at the Carriage Inn. A topic discussion on "Taking Charge and Asserting Yourself" will be facilitated by Valerie Rogers.

Lunch will include 1/2 sandwich, salad, fruit, and beverage at a cost of \$7.25 per person, including tip. Mail a non-refundable check for \$7.25, payable to "Carriage Inn" to Vicki Fernandez, C623, by Thursday, 11 March. Everyone is welcome. For additional information, call Vicki Fernandez at 927-3701 or Melissa Lytell at 939-3317. RSVP

### MEETINGS FOR COMPULSIVE PEOPLE

Do you overeat? If you do, you may want to attend the new lunch hour Overeaters Anonymous Group that is forming. The group meets at the CACC Center, 1907 Mitscher (across from the All Faith Chapel) every Monday, Wednesday, and nonflex Friday (workdays) from 1130 to 1230. The group is open to anyone who wants to stop eating compulsively and to current members of Overeaters Anonymous. Visitors and other interested persons are welcome and encouraged to

attend. For additional information, bring a moderate sack lunch and come to one of the meetings. Everyone is welcome. There are no dues or fees.

### CHINA LAKE PHOTOGRAPHIC SOCIETY SLIDE SHOW

The China Lake Photographic Society will present a slide show on Thursday, 11 March at 1930 in the Community Room of the Kern County Library in Ridgecrest. Mel Nadler will present a show on scenic Oregon and Mount Rainier, Washington. The program is free to the public.

### ITEA MEETING

The next meeting of the China Lake Chapter of the International Test and Evaluation Association (ITEA) will be held at the Seafarer Club, CPO Lounge, on 15 March at 1130. Guest speaker will be Sterling Haaland. ITEA members, guests, and other interested parties are invited. For reservations call Linda Hill at 446-9431 by 12 March at 1600.

### SPACE AVAILABLE IN VANPOOL

There is space available in the vanpool from Lake Isabella to China Lake. For more information, call Jim Sevier at 939-9491 or John Hopkins at 939-4239.

### SIGNAL PROCESSING FORUM

On Wednesday, 31 March from 0800 to 1100, in Mich Lab, Conference Rooms B & C representatives from the Missile Support Technology Block will present some of the latest advancements in computer technology and signal processing. Techniques described during the morning will be presented in the Mich Lab Management Center from 1230 to 1430 on that day also. Topics to be addressed include Wavelets

(optical flow processing, clutter processing, and optimal wavelets), Neural Nets (algorithms, analog, and digital hardware), and Advanced Software for Airborne Systems (fuzzy logic, quick domain analysis, and design through simulation). This forum is being held in conjunction with both the Embedded Computing Institute and the Missile Support Technology Block. For more information or an agenda, contact Michelle Bailey at 939-4702 or Carey Schwartz at 939-1442.

### AHNTTECH, CORPORATION VIDEO MAINTENANCE SERVICE AND REPAIR CONTRACT

Ahntech Corporation now holds the contract for basewide video maintenance service and repair (Contract No. N68936-93-C-0011). They have taken over the work that was performed by McLaughlin Research Corporation for the last 6 years. Ahntech specializes in the repair and maintenance of all professional video and support-related equipment, i.e., video cameras, monitors, TVs, and VCRs (both ground and airborne). For service, call Denis Plasschaert at 371-4501. For contract information, call Kathy Bangs at 927-1781.

### IBM WORD PROCESSING EQUIPMENT MAINTENANCE CONTRACT

The FIP Resources Branch (C6331) is planning to cancel the IBM Word Processing Equipment Contract (N60530-90-D-0028). This contract covers maintenance for IBM Displaywriters, MAG CARDS, and Memory 50 and 100 typewriters. Contact Annabelle Lipinski, C6331 at 939-3427 by 22 March to let her know what impact this cancellation would have on your department. (C6331)

### RETIREMENTS

#### BEVERLY LEGGETT

Beverly Leggett (C6122), Accounting Technician, will be retiring after 30 years of Civil Service. A farewell luncheon will be held in her honor at El Charro on Thursday, 18 March at 1130. For reservations, presentations, or gift donations, contact Mildred Burk at 939-3907 or Nettie Turner at 939-3283 by 15 March.

#### RAY BANKS

Ray Banks (C256) will be retiring after 27 years of service at China Lake. A farewell luncheon will be held in his honor at El Charro on Thursday, 1 April at 1100. For reservations, presentations, or gift donations, contact Peggy Wandell at 939-7001 or Barbara Baldwin at 939-1748 by 29 March.

#### WILLIAM R. MADDUX

William (Bill) Maddux (C2825) will be retiring after 33 years of service at China Lake. A farewell party will be held in his honor at the Carriage Inn on Friday, 2 April at 1800. A Polynesian buffet dinner will be served, which will include soup, Waldorf salad, cashew chicken, beef and broccoli, baked mahi mahi, fried rice, vegetables, crispy noodles, and choice of beverage. The cost will be \$12 per person, including gratuity. For tickets, presentations, or gift donations, contact Deena Nelson at 939-0473 or Joanie McGregor at 939-3937 by 29 March.

### VX-5 HAS OPENING

**No. NB/0052/BM-C3, Fiscal Accounting Assistant, GS-503-5/6/7, Air Test and Evaluation Squadron Five at China Lake; Commander, Operational Test and Evaluation Force, Norfolk, Va.** (See special filing instructions below.)—The incumbent is responsible for the control and administration of authorized Operating Targets (OPTARs) and works directly with the financial management personnel on all aspects of accounting for OPTAR funds authorized to AIRTEVON FIVE. Incumbent must verify the legality of all items processed and ensure all obligations and expenditures are accurate and maintains, balances, reconciles, and accounts for funds for TAD travel. The incumbent validates accounting information and authorizations on all TAD travel funds and performs all reconciliation of travel records in order to accurately report status of travel funds. The incumbent is responsible for reviewing all reimbursable travel funds and advising the Budget Analyst on the acceptance of same and assists with midyear and annual budget submissions for the current fiscal year and future years. **QUALIFICATIONS:** To be eligible, applicants must have the amounts of general and/or specialized experience required by the published qualifications standards. For general Schedule positions, such experience must be at a level sufficient to satisfy time-in-grade and quality level stipulations as of the closing date of the announcement. The following experience and/or rating factors are relevant to this vacancy. Applicants must have 1 year of specialized experience equivalent to the next lower grade level. **RATING FACTORS:** (1) Knowledge of Navy accounting procedures and fiscal operations; (2) ability to analyze, reconcile, and balance receipts and disbursements; and (3) ability to compile data and prepare written reports. Incumbent must be able to obtain and maintain a Secret clearance.

**FILING INSTRUCTIONS:** Applicants must submit a completed SF-171 and current annual performance to CCPO Naval Base, Norfolk, VA 23511-5360 NLT 25 March at 1600. If no rating is available, submit statement to this effect and the reason. Notification is made after the selection process is completed. To ensure proper considerations, applicants should put the announcement number of the position applied for on their SF-171s.



## 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 NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018.

## Dave King, Code C3933.

Dave had a heart attack which resulted in surgery. He is recovering and in need of leave.

## Terry Burke, Secretary, Code C3933.

Terry underwent major surgery, is recovering, and will be returning to work. She is indebted for leave.

## Barbara Herbstreit, Math Technician, Code C2818.

Barbara is indebted for leave due to lumbar radiulopathy surgery.

## Mary Ann Hiser, Engineering Data Management Specialist, Code C2556.

Mary Ann was hospitalized with pneumonia and bronchial asthma.

## Janet Blackwell, Procurement Assistant, Code C658

Janet had surgery on a herniated nucleus pulposus. She is recovering and is indebted for leave.

## Alvina S. Quintanilla, Contract Specialist, Code C654.

Alvina is undergoing daily radiation therapy for inoperable cancer of the nasopharynx.

## Deborah A. Birch, Secretary, Code C392A.

Deborah received treatment for breast cancer and is indebted for leave.

Deborah received treatment for breast cancer and is indebted for leave.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department

## DEALING WITH DEPRESSION (2 hrs.)

16 March; Tuesday, 0900-1100; Training Center. By: Katy Mechtenberg, Desert Counseling Clinic

Participants in this class will:

- Be knowledgeable of the symptoms of depression
- Be aware of options to cope with depression

The major cancers will be addressed from three perspectives: cause, risk factors, and preventive measures. The goal of this seminar is for each participant to grow in his/her particular area of interest. Time for a question-and-answer period will be allotted.

Enrollments are on a walk-in basis only. Point of contact is the Wellness Program Office, 939-2468.

## INCOME TAX PLANNING (2 hrs.)

17 March; Wednesday, 1700-1900; Training Center. By: Charla Green, Consultant

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

Enrollments are on a walk-in basis only. The first 30 people to arrive will be enrolled. Do not plan on saving seats for spouses or friends. Point of contact is the Wellness Program Office, 939-2468.

## LIFESTYLE CONTROL OF CHOLESTEROL (8 hrs.)

2 April; Friday, 0800-1600; Training Center. By: Dr. Wes Youngberg, Consultant

This seminar will help you understand cholesterol's role in your body and will provide information that will help you keep your cholesterol at a desirable level. This seminar addresses past, present, and ongoing research, especially regarding the issue of reversibility of heart disease once it is established. The latest research concerning cholesterol will be presented, and Dr. Youngberg will discuss interesting patient cases with an emphasis on the ultimate therapeutic solutions. Each attendee will have the opportunity to ask theoretical and therapeutic questions. Multiple handouts will provide a summary of seminar information.

Presentation Method: Lecture  
Deadline: 29 March  
To enroll in this course, call the Wellness Program Office, 939-2468.

## BOOSTING YOUR IMMUNE SYSTEM: HOW TO OPTIMIZE YOUR BODY'S NATURAL DEFENSES AGAINST CANCER AND OTHER ILLNESS (8 hrs.) PLEASE NOTE THE NEW DATE

2 April; Friday, 0800-1600; NAWC Conference Center. By: Dr. Wes Youngberg, Consultant

This seminar will help you:

- Regain control of your own health
- Reverse harmful risk factors practically
- Start a therapeutic diet that makes you feel good

• Begin an exercise program that will not wear you out

- Naturally recapture your vigor
- Activate simple but effective stress management techniques
- Incorporate principles of psycho-neuro-immunology (mind-body relationship) in dealing with illness
- Balance your life for optimal health

The major cancers will be addressed from three perspectives: cause, risk factors, and preventive measures. The goal of this seminar is for each participant to grow in his/her particular area of interest. Time for a question-and-answer period will be allotted.

Presentation Method: Lecture  
Deadline: 29 March  
To enroll, call the Wellness Program Office, 939-2468.

## ACQUISITION OF TECHNICAL DATA (8 hrs.)

29 April; Thursday, 0730-1600; Training Center. By: Stan Caine, C 2556.

## REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

The course emphasis is on what the program manager or technical manager, not the practitioner, should know about the development of various types of technical data required to support the phases of the acquisition life cycle of a hardware or software product. Topics include: configuration/data management, drawings, specifications, computer-aided engineering documentation, software documentation, provisioning, and data repository. This course is an overview intended to show what technical data is, why it is important, and how it fits into the acquisition program.

Deadline: 15 April.

## AIRBORNE TELEMETRY (24 hrs.)

13-15 April; Tuesday-Thursday, 0800-1600; Training Center. By: James Rieger, C39203

## REQUIRED FOR ENROLLEES IN THE SEC PROGRAM.

The course provides a system-level perspective of the uses for telemetry at test ranges for weapons system development and research. Both ends of a telemetry link are considered, from what to measure to what the data means and its accuracy. This course is not intended to show how to design systems, but how to use and work with equipment and operators to the greatest benefit. Emphasis will be on airborne (rocket, missile, and aircraft) telemetry and will include an unclassified discussion on data encryption and TEMPEST.

Deadline: 30 March.

## WEAPONS SYSTEMS INTEGRATION (40 hrs.)

12-16 April; Monday-Friday, 0800-1600; Training Center. By: Dave Lynch, Dr. Tom Robinson, and Dr. David Shingledecker, Consultants

Intended Audience: Engineers, programmers, and managers who have experience on modern weapon systems and need to expand their knowledge of system-level integration.

The principal objective of this course is to update practicing engineers in the new and evolving technologies used in weapon systems integration. Specific learning objectives for the

course are

- Overview weapon systems effectiveness analysis and learn its impact on evaluating weapon systems integration process
- Acquire an understanding of technologies that impact weapon components design and how these new technologies will affect integration in new weapon systems
- Develop knowledge and skills in digital avionics

Deadline: 29 March.

## WAVELETS AND THEIR APPLICATIONS (16 hrs.)

20-21 April; Tuesday-Wednesday, 0800-1600; Training Center. By: Gilbert Strang, Consultant

This 2-day course provides a basic introduction to wavelets. It starts with an orthogonal basis of piecewise constant functions, constructed by dilation and translation. The "wavelet transform" maps each  $f(x)$  to its coefficients with respect to this basis. The mathematics is simple and the transform is fast (faster than the Fast Fourier Transform, which is briefly explained). But approximations to piecewise constants is poor. To improve this first wavelet, we are led to dilation equations and their unusual solution. Higher order wavelets are constructed; it is surprisingly quick to compute them—always indirectly and recursively. Applications are discussed in signal processing, video and image compression, fingerprinting, geophysics, as well as developing applications in solving partial differential equations, and electromagnetics.

Deadline: 6 April.

## EMBEDDED COMPUTERS (24 hrs.)

6-8 April; Tuesday-Thursday, 0800-1600; Training Center. By: Richard Fryer, C21C

## REQUIRED FOR ENROLLEES IN THE SEC PROGRAM.

THIS COURSE, WHICH WAS PREVIOUSLY ADVERTISED FOR 6-8 APRIL, HAS BEEN POSTPONED UNTIL 30 AUGUST-1 SEPTEMBER.

## 408.5: NEGOTIATION PRINCIPLES AND TECHNIQUES (36 hrs.)

6 April-22 June; Tuesdays, 1700-2000; Training Center. By: Lloyd Crabtree, 927-1507, and Marcia Crabtree, 939-5718, UCSB

Prerequisite: X408.1, Elements of Government Contract Administration, or consent of instructor.

Intended Audience: Participants in the certificate program in Government Contract Management.

Course Description: Provides a framework for analyzing how to approach the negotiation of a contract and how one's counterpart reacts to his/her goals. The class will include mock negotiations and negotiation of principles and skills to achieve planned objectives. Human behavior theories and their application in negotiation will also be discussed in addition to traits of the negotiator, planning the negotiation, and techniques, tactics, strategy and countermeasures.

Deadline: 1 April.  
Enrollments are on a call-in basis. To enroll, call Denise at 939-2648.

## TOL FOR SUPPORT STAFF (8 hrs.)

17 March; Wednesday, 0800-1600; Training Center. By: Marion Lapan

This seminar addresses the method of Total Quality Management as it applies to and can be implemented in the support staff field. Emphasis is on practical, everyday use of new skills, behaviors, and mindsets to integrate TQM principles and on clarifying the role of support staff as a crucial link to quality in the workplace. This class fulfills the Secretariat Certificate Program requirement for the Introduction to TQM class.

Deadline: 10 March.

## SECURITY CLASSES

## SECURITY OVERVIEW (4 hrs.)

17 March; Wednesday, 0730-1130; Training Center. By: Linda Hall, C84301

This course is designed to provide employees with a brief security overview of information security, personnel security, operations security, computer security, and security education. The class will include short films on safeguarding and marking of classified information and the foreign intelligence threat. This class is on a call-in basis only. To enroll call 939-2216.

## INDUSTRIAL SECURITY FOR NAVY PROFESSIONALS (7 hrs.)

24 March; Wednesday, 0800-1600; Training Center. By: Linda Hall, C84301

Intended Audience: Acquisition personnel (Contract Specialists, Contracting Officers), Contracting Officer's Technical Representatives (COTRs), Contracting Technical Monitors, and other personnel involved in the implementation of classified contracts. This class will discuss the Industrial Security Program, responsibilities of COTRs and acquisition personnel, Contract Security Classification Specification (DD254), foreign participation, and unclassified contracts. This class is on a call-in basis only. To enroll call 939-2216.

## SECURITY FOR COMPUTER USERS (4 hrs.)

8 April; Thursday, 0730-1130; Training Center. By: Information Systems Security Office

Intended Audience: Employees who have completed a general security class and require additional computer information.

Topics covered include data security, network security, TEMPEST, viruses, and computer issues specific to China Lake users. This class is on a call-in basis only. To enroll call 939-2216.

## OFFICIAL NAVAL CORRESPONDENCE (8 hrs.)

13 April; Tuesday, 0800-1600; Training Center. By: LaNelle Thompson

Intended Audience: Clerical/Administrative personnel.

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

Presentation Method: Lecture  
Note: Bring your copy of SECNAVINST 5216.5C (Correspondence Manual) to this class. If you do not have a manual, you may obtain one in class. Enrollment is on a call-in basis only. To enroll, call Sue at 939-2349.  
Deadline: 6 April.

## EFFECTIVE INTERACTION SKILLS (16 hrs.)

18-19 March; Thursday-Friday, 0800-1600; Training Center. By: Marion Lapan

The main objective of this seminar is to 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 both one-on-one relationships as well as polish team effectiveness skills. Seminar format will include role playing, practical exercises, and guided visualization to bring participants to self-mastery in their interpersonal relationships. To enroll call Pat at 939-3159.

## BASIC GRAMMAR REVIEW (8 hrs.)

23 March; Tuesday, 0800-1600; Training Center. By: LaNelle Thompson

Whether we are writing a proposal to sell an idea, a letter to solve a problem, or a memorandum to organize a meeting, we want results from that effort. Unless writing is presented correctly, the message will not have a chance to get through. The objective of this workshop is to help that person who needs a refresher course in the mechanics of written expression and usage, but does not have time to return full time to a classroom for that update. Upon completion of the class, students will identify the improvement they made in applying their knowledge to topics covered during the course. To enroll call Pat at 939-3159.

## GENADMIN Message Preparation (4 hrs.)

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

This course is based on information obtained from Naval Telecommunications Users Manual, NTP-3. The purpose is to understand the background, purpose, and contents of the GENADMIN Naval Message Format. Participants will learn why the U.S. Armed Forces shifted to GENADMIN format and when and how to use mandatory and optional SETs and FIELDs. This class will also review message requirements as outlined in Naval Telecommunications Users Manual, NTP-3. Many hints and tricks will be covered that can be used on a daily basis. Class size is limited. Enrollment is on a call-in basis only. To reserve a space call 939-3159.

## PRE-RETIREMENT SEMINAR (16 hrs.)

28-29 April; Wednesday-Thursday, 0800-1630; Training Center. By: Employee Relations Program

This seminar consists of several lectures and a workshop. The lectures have to do with facts affecting retirement, such as those relating to Civil Service and FERS retirement systems and social security. To derive maximum benefit, participants are encouraged to come to all lectures.

The workshop, "Planning a Successful Retirement," is not about facts, but is designed to help participants clarify their retirement desires and goals, decide on the kind of planning that is right for them, and determine the actions they can take now to assist them in having the kind of retirement they want.

Spouses of enrollees are also encouraged to attend. Indicate if your spouse will attend and estimated date of retirement on your training request. Enrollment is on a call-in basis only. To reserve a space, call Pat at 939-3159.

## EQUIPMENT CUSTODIAN (4 hrs.)

24 March; Wednesday, 1300-1600; Training Center. By: Debra Schlick

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

Management responsibilities from equipment acquisitions through useful life and proper disposition will be covered in this course. A way of accessing CEMES through ACC2 network will also be explained and a guide will be handed out.

To enroll, call Pat at 939-3159.

## WORD, ADVANCED (16 hrs.)

23-24 March; Tuesday-Wednesday, 0800-1600; Training Center. By: Donnie Goettig, Consultant

Prerequisite: 6 months experience using Word 5.0

In this course you will learn how to use:

1. Style sheets: automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing styles.

2. Tables: multiple-page tables, combining, merging and splitting cells, sorting in the table.
3. Advanced graphics: cropping, resizing,

position command, flowing text around the graphic.

4. Indexes, custom menus.

5. Advanced formatting.

6. Tips, keyboard shortcuts.

Presentation Method: Hands-On Workshop  
This class is on a call-in basis only; to enroll call 939-0870.

## AUTOCAD 3D &amp; AUTOLISP (40 hrs.)

29 March-2 April; Monday-Friday, 0800-1600; Training Center. By: Hit Return, Inc.

Prerequisite: Basic knowledge of AutoCAD 2D & DOS

This course will present concepts of AutoCAD's 3D features and the basics of AutoLISP. Students will learn the difference between Surface Modeling and Solid Modeling, moving AutoCAD's camera and how to develop a LISP program. The concept of DataBase Exchange Format will be discussed, along with the use of "point filters" when locating objects in 3D space.

Presentation Method: Hands-On Workshop  
Deadline: 15 March.

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

15-16 April, Thursday-Friday, 0800-1600; Training Center. By: Al Goettig, Consultant

Prerequisite: 6 months experience using Excel, knowledge of computer programming helpful.

In this class you will learn: Array formulas; worksheet functions; database functions; self-adjusting worksheets; programmed macros, and custom menus.

Presentation Method: Hands-On Workshop.  
Enrollments are on a call-in basis only. To enroll call 939-0870.

## MACINTOSH, INTRODUCTION (8 hrs.)

13-14 April; Tuesday-Wednesday, 0800-1130; Training Center. By: Marjorie Hunter, C0231

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the keyboard and the mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information; use some typical applications packages such as a wordprocessor, and/or a graphic program. (Applications to be surveyed may include MacWrite or Word, MacPaint, MacDraw, or MacDraw). This class will not be able to cover these applications in any detail. The student is referred to other classes offered for specific applications.)

Presentation Method: Hands-On Workshop  
Enrollments are on a call-in basis only. To enroll call 939-0870.

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

5-8 April; Monday-Thursday, 1230-1600; Training Center. By: Paul Baczkiewicz, C81

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, row/columns, borders, save); printing the spreadsheet (print area, headers, footers, page setup); keyboard macros; database operations (named ranges, split windows); charts; and linking worksheets.

Presentation Method: Hands-On Workshop  
Enrollments are on a call-in basis only. To enroll, call 939-0870.

## GRAPHICS ON THE MACINTOSH (16 hrs.)

5-8 April; Monday-Thursday, 0800-1130; Training Center. By: Olivia Francis, OVF Graphics

Prerequisite: Basic knowledge of the Macintosh operating system.

This course is a brief overview of several graphics programs on the Macintosh. Using a combination of demonstrations and some hands-on Macintosh work, the student will learn to identify the different features of the programs. In this

course you will learn: the difference between Paint, Pict, Tiff, and Postscript; the use of various graphic documents in an application; getting graphics into the Mac; using a paint and a draw program; using a postscript drawing editor; what to do with your graphics documents; and graphic format resolutions.

Presentation Method: Hands-On Workshop  
Enrollments are on a call-in basis only. To enroll please call 939-0870.

## TOL PARTNERSHIPS: THE CUSTOMER-SUPPLIER RELATIONSHIP (8 hrs.)

27 April; Tuesday, 0800-1600; Training Center. By: Steve Tuszynski.

How can an activity truly achieve its objectives of increased performance, higher quality, reduced cost and shorter lead times without considering its suppliers? Simply put, it cannot. Supplier performance is a major input into the overall quality of the product.

This workshop discusses up-to-the-minute developments in customer-supplier relationships, both internal and external; recommends a set of over 50 strategies to achieve world-class customer-supplier performance; and outlines several implementation alternatives.

Topics include using team approach, creating a supplier council, conducting supplier-focused conferences, defining quality system requirements, benchmarking suppliers, documenting costs of poor quality, practical uses for electronic communication, preventative quality plans, requiring supplier feed-forward, and performing an annual partnership evaluation.

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

## ACQUISITION REQUIREMENTS PACKAGE (ARP) TEAM TRAINING (4 hrs.)

19 March; Friday, 0730-1130; Training Center. By: Center Staff

Intended Audience: Management, technical, procurement, and/or support personnel involved in initiating large (greater than \$25K) procurements.

During this 4-hour workshop, participants will learn about a new process for building an Acquisition Requirements Package (ARP) for a large procurement at NAWCWPNS. The process entails the use of an ARP Team. Training modules include (1) developing an effective team; (2) understanding the sequence of steps required in the construction of a variety of ARPs, and (3) becoming familiar with two useful tools developed references—the ARP Cookbook and the Problems-Resources Matrix. An ARP Team that has tried the new process will talk about their experience. Completion of a 15-minute pre-workshop assignment is required.

Note: Enrollments are on a call-in basis only. To enroll or ask questions, call 939-2686.

## TEAM PROBLEM SOLVING TOOLS (8 hrs.)

6 April; Tuesday, 0745-1615 (note the unusual time); Training Center. By: Bob Huey, C622

Intended Audience: Employees currently (or scheduled to be) involved in Team Problem Solving in CIATS, TIs, PITS, PATS, Quality Circles, Teams, Committees, Quality Boards, etc.

Acting as a problem solving team, the participants will learn specific tools, practice their use, determine when and why to use certain tools, develop an understanding of the use of hard and soft data, and understand techniques used by facilitators, group leaders, or self-managed teams. Emphasis will be placed on USING brainstorming and NGT techniques, cause-and-effect diagramming, and multivoting; LEARNING about pareto charts, flow charts, scatter diagrams, why-because pursuit, force field analysis, and other easy to apply tools; UNDERSTANDING when to apply each tool and APPLYING the tool appropriately. Each member should bring a real problem to class so he or she can choose various tools and apply them to their issues.

Note: Enrollments are on a call-in basis only. To enroll or to ask questions, call 939-2686.

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

7, 8, 14, 15 April; Wednesday-Thursday, 0800-1600; Training Center. By: Center Staff

Intended Audience: New supervisors during the 1-year probation period.

This mandatory 4-day course provides new

## HAZARDOUS WASTE TRAINING (8 hrs.)

31 March; Wednesday, 0730-1630; Training Center.

28 April; Wednesday, 0730-1630; Training Center.

By: Environmental Project Office (Code C0808)

Intended Audience: Those who generate, handle, and manage hazardous waste.

This course is required training for anyone who generates or handles hazardous waste. It is also required training for anyone who manages a hazardous waste accumulation area.

Because the activities of NAWCWPNS and NAWC, China Lake generate more than 1000 kg of hazardous waste per month, we are designated as a Class I Generator and are subject to full regulation under Federal environmental laws. One aspect of this regulation is proper training of personnel who generate, handle, or manage hazardous waste.

The course will help attendees to: identify hazardous waste; set up and operate accumulation areas; identify time limitations; properly label and store containers; initiate emergency response procedures; initiate requests for disposal; and conduct accumulation area inspections.

Enrollments are on a call-in basis. Point of Contact (POC) is the Environmental Project Office, 939-2893. Check with the Environmental POC for your Department to assure you get this training if needed. Call to enroll with your preferred date for the training. Class size is limited to 25 individuals.

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