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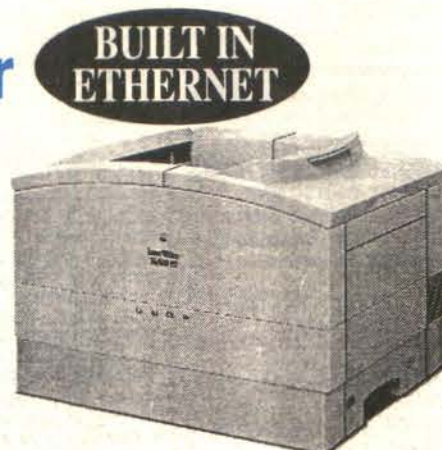
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THE ROCKETEER

THURSDAY, SEPTEMBER 5, 1996

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

Vol. 52, No. 18

NAWCWPNS role
in Tomahawk 7

Renee Award to
Lasell and Kelley 9

Closure of ISS brings China Lake into compliance

By Peggy Shoaf
Environmental Public Involvement

After more than five years of planning, coordinating and implementing new ways of doing business, discharge into the Michelson Lab Industrial Sewer System (ISS) has ceased, bringing NAWS China Lake into compliance with a cease and desist order issued in September 1991 by the California Water Quality Control Board.

The ISS served two principal facilities — the Michelson Laboratory Complex and the Public Works Compound. Within these two areas wastewater from chemistry and engineering laboratories, photo-processing facilities, plating operations, solid state device operations, vehicle maintenance and washing shops, and machine and battery shops flowed down two miles of ISS pipeline before going through a separator to remove oil and grease. It was then discharged into two evaporation ponds, known as the Michelson Lab Ponds, equipped with double synthetic liners. Wastes included acids, alkalis, heavy metals, cyanide, spent solvents, photographic chemicals, cooling water, oil and grease and vehicle wash water.

The ISS, which was constructed in 1979, was a significant improvement over the previous disposal system, which allowed industrial wastewater to be dumped into two unlined drainage ditches located in the vicinity of the Michelson Lab Ponds. With the old system, which serviced Michelson Lab from 1947 to 1979, an estimated maximum flow of 71,000 gallons per day of chemical wastewater was discharged onto unprotected soil. These ditches are now part of the Navy's Installation Restoration Program — a program designed to clean up past hazardous waste sites.

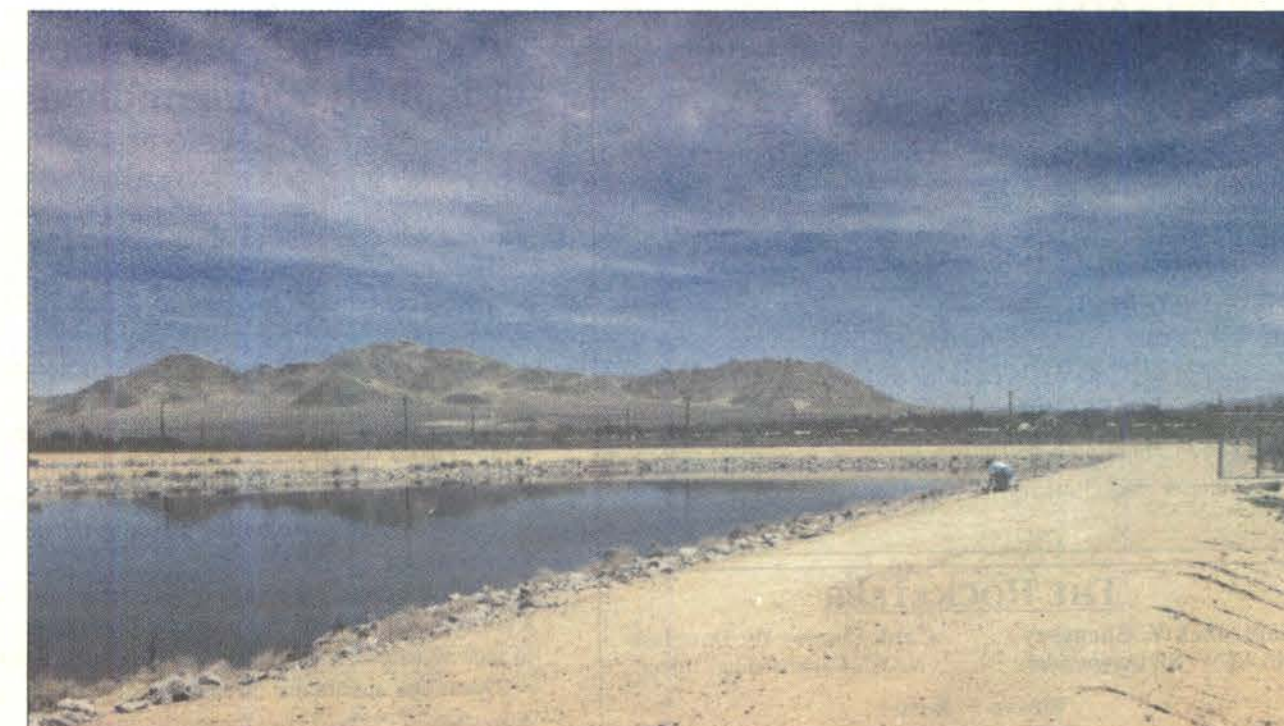
Even though construction of the ISS in 1979 was a

significant attempt to eliminate ongoing contamination of groundwater and soil, the enactment of the Resource Conservation and Recovery Act and its amendments in the early 1980s restricted the use of surface impoundments as disposal units — putting the ISS, which includes the Michelson Lab ponds, out of compliance with environmental regulations.

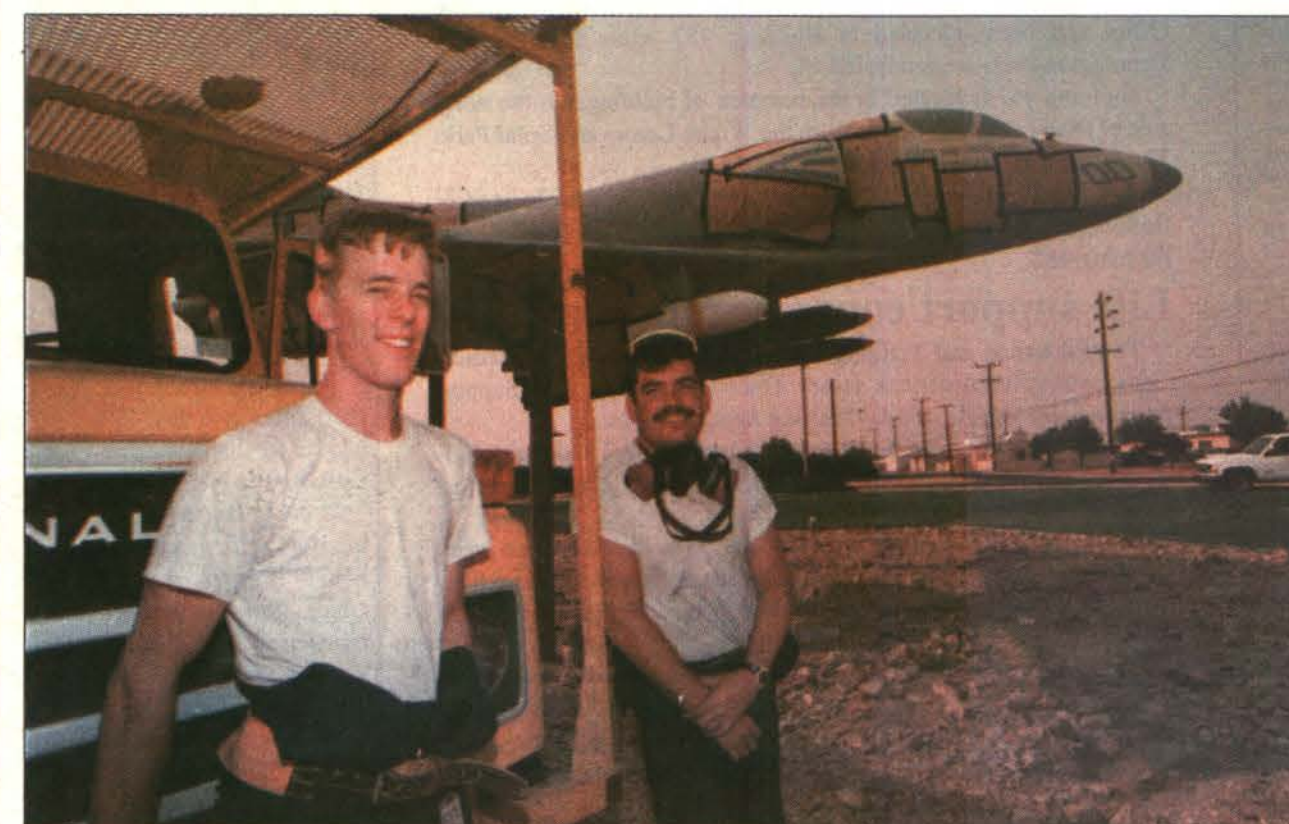
Before closing the ponds, however, discharge of all wastewater into the ISS had to be eliminated, either

through accumulation, treatment or rerouting. Working with the Lahontan Region of the California Water Quality Control Board, Laurie Zellmer and Kent Westover, environmental engineers from the Environmental Project Office, developed a plan, and a schedule, to eliminate all discharge into the Michelson Lab ponds.

The first step was to identify the major sources, Please see ISS, Page 8



TAKING SAMPLES—Once a month the Environmental Projects Office was required to take samples of the water in Michelson Lab ponds. Hazardous constituents were then reported to the California Water Quality Control Board. After extensive planning and coordinating efforts, all discharge into the ponds was stopped earlier this year, bringing China Lake into compliance with a cease and desist order issued by the CWQCB in 1991.



Circle Skyhawk designates new NAWS boss

PUTTING ON A NEW FACE—Sailors from VX-9's Corrosion Control Shop spent five days working on the A-4 in the China Lake traffic circle on Inyokern Road recently. They repainted the entire plane and added NAWS CO Capt. Stan Douglass' name. Shown above are AMH3 Mike Calabro and AMS3 James Donnelly. Not shown: AMH1(AW) Angelito Agvas, AT2 Steve Lopez and AMHAN Shane O'Dell.

Photo by Kathi Ramont

Weather



August 21 - 27				
	High	Low	Gusts	Humidity
Wed	103	52	15	25-12%
Thurs	104	61	21	28-7%
Fri	103	68	34	27-12%
Sat	103	67	25	—
Sun	105	70	23	—
Mon	103	65	35	29-5%
Tues	102	60	25	29-6%
August 28 - September 3				
Wed	102	61	13	35-5%
Thurs	108	63	12	24-6%
Fri	111	68	17	25-6%
Sat	109	69	25	—
Sun	107	77	26	—
Mon	105	73	25	—
Tues	102	75	28	13-7%

China Lake Calendar

Call the PAO Info Line at 939-0050 for current information on base events

Friday, September 20

- Live comedy acts and dancing, Wreck Center, 8:30 p.m. Call 939-8660.

Saturday, September 21

- 12th Annual Military Retirees Appreciation Day, NAWS Auditorium, 9 a.m. Call 939-0978.

Wednesday, September 25

- Red, White and Murder dinner theater at the Wreck Center, 7 p.m. Call 939-9660 for reservations.

Friday, September 27

- Chief Petty Officer's Khaki Night-Out, meet new chief petty officers, dinner and dancing, Wreck Center, 6 p.m.

THE ROCKETEER

Capt. Jack V. Chenevey
NAWCWPNS Commander

Capt. Stanley W. Douglass
NAWS Commanding Officer

Steven F. Boster
Public Affairs Officer

Barry McDonald
Editor

Kathi Ramont
Staff Writer

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The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Air Warfare Center Weapons Division China Lake.

Editorial deadline: 4 p.m., Wednesday of non-flex weeks.

This deadline also applies to submissions for the NAWCWPNNS Announcements contained herein; and the PAO Info Line.

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNNS, 1 Administration Circle, China Lake, CA 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (If unable to find this name: under the QuickMail menu select Directory Services, then select CL_HQ zone, NAWSTAFF_MC mailcenter.) Fax information to 939-2796, or call 939-3354. E-mail address is barry.mcdonald@mail.chinalake.navy.mil.

Information intended for use in PAO Info Line should be sent to Linda Lou Crosby at Code 750000D, to her QuickMail address, or she may be reached at 927-3095. The Info Line e-mail address is http://peewee.chinalake.navy.mil/stn/info/line.html.

Advertising is the sole responsibility of High Desert Newspapers, Inc., 224 East Ridgcrest Blvd., Ridgecrest, CA 93555, (619) 375-4481.

Advertising deadline is noon, the Friday before publication.



Letters To The Editor

Thanks go to those who donated leave

To the Editor:

I wish to thank all who donated their leave to me while I was doing my extended stay in the Palo Alto VA hospital. Nobody likes to stay in the hospital, but when I had to learn the ins-n-outs of dealing with a wheelchair, the four months almost did not seem long enough.

I have had to do quite a bit of adjusting in my living habits, but, with perseverance I will overcome the obstacles that I am sure to face as time goes by.

I realized when I saw the amount of leave that was donated that I had some of the very best friends a person could have. Once again thank you to all that donated their leave.

— Norman Wheeler

JAG reminds government travelers of liability and standards of conduct

According to Lt. William F. O'Brien, NAWCWPNNS judge advocate general, government employees shall not provide transportation to employees of government contractors in government rental cars, or personal vehicles, while on official government travel.

The practice of giving rides to employees of government contractors raises concerns for two reasons — liability and standards of conduct.

Should a government employee have an accident while a non-government employee is a passenger in a rental car, the United States and, in exceptional circumstances, the individual, face potential liability. Under this scenario, the injured non-government employee could file suit. Depending upon the facts of the case, the United States will normally substitute for the driver as the defendant and be liable for any award.

While the rental car company may compensate the government for a portion of the award, the potential for both driver and government to face an extensive amount of liability still exists.

Questions should be directed to the Office of the Staff Judge Advocate at 939-2531. Questions on the ethics issue should be addressed to the Office of General Counsel at 939-4381.

MWR offices temporarily relocated while current building is renovated

The Morale, Welfare and Recreation (MWR) Administrative Office has been relocated to Building 457 while its offices in Bennington Plaza are renovated.

Building 457 is located in the complex of buildings on the north side of Blandy Avenue across from the Wreck Center and Solar Park. The telephone number will remain 939-2010.

The MWR Publicity and Accounting offices are now located in Building 462 in the same complex north of Blandy Avenue, east of Building 457.

Life support courses start Sept. 13

The Education and Training Department of the Branch Medical Clinic will offer American Heart Association Basic Life Support courses every non-flex Friday starting Sept. 13 at 8 a.m.

These classes are open to all active duty personnel and their eligible family members, although active duty will have scheduling priority.

Family members should reserve a seat no earlier than one week prior to the non-flex Friday course date. If you would like to schedule a class, or if you have any questions, please contact HM3 Brian Southard at 939-1973.



Call
Public Works
Trouble Desk
939-2268

Pages From The Past

Sept. 5 & 12, 1986

Beth Perrine receives Commander's Award for mission support... Hank McGlothlin, Ruth Moore and Barbara Lupei star in "Cinderella of Prairie Dog Hole" melodrama... QF-86 audit under way... Jim Suhr receives Technical Director's Award for work on Sparrow program... Geothermal plant well under way. First plant expected to be on line June 30, 1987... Mike Benton, Jan Janiec, Chuck Combs and Kathy Finch receive Technical Management Certification Program certificates.

Sept. 3 & 10, 1976

A-6 and A-7 aircraft collide during attempt to land at night. Aircrews sustained only minor injuries. The aircraft collided over unoccupied section of NWC's range... Burroughs High School library destroyed by fire... David M. Bullat, Leonard G. Terral and William E. Sake receive patents... Dr. W. F. Koehler, ex-China Laker, retires from Navy Postgraduate School as dean of programs... Work progressing well on consolidation of NWC, Ridgecrest sewage treatment facilities.

Sept. 2 & 9, 1966

Newly modified Ryan Firebee jet target sharpens evaluation of missile in tests at G Range... Navy night set for Oct. 29 at Disneyland... Gerry Schiefer outlines workings of Shrike Missile to attendees at 3rd Annual Defense Science Seminar... School district enrolls 2,450 kids this year... RADM. M. E. Doran, commander, Operation Test and Evaluation Force, visited VX-5... Navy ship USS Butternut honored on 25th birthday.

Sept. 7 & 14, 1956

Ten Australians tour NOTS on two-day visit... NOTS to display exhibits at Coliseum in New York City... China Lake personnel eligible for FHA loans to build homes in town... Ruth A. Ohler, new Station librarian, transferred from Edwards Air Force Base... Twenty-one new teachers join China Lake Elementary School facility... China Lake photography group to show salon works of Al Christman.

COMMUNITY EVENTS

The following 3-5 minute Parenting Advice Tapes can be heard by calling Community Connection for Child Care at 375-0446 from 5 p.m. to 8 a.m. Sept. 5-8, "Normal Problem Behavior;" Sept. 9-15, "Talking About Divorce;" Sept. 16-22, "Preschoolers and Divorce."

####

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RENTALS.....20
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BUSINESSES.....30
AUTOMOTIVE.....35
MISC. FOR SALE.....40
WANTED TO BUY.....42
PETS & SUPPLIES.....45
GARAGE SALES.....50

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

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5 LOST & FOUND

FOUND: Article of women's jewelry at Branch Medical Clinic. Please call 939-8002. (9-5)

15 SERVICES/SCHOOLS

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HOME DAYCARE PROVIDER. Toddler

openings, meals provided, certified. Mary 446-8018. (TFN)

ATTENTION MILITARY & DOD EMPLOYED. Day care available on base full time and weekends. Food program & licensed provider in a warm, loving environment. Please call anytime. Colleen at 446-7041. (TFN)

HOME DAY CARE/PRE-SCHOOL, base licensed. Will provide meals. For more information call 446-1089. (TFN)

10 SPEED REPAIRS. Most bike work done. Russ 446-7583. (9-19)

HAVE PROBLEMS... Call me. Millie A. Wycoff, paralegal divorce, bankruptcy, taxes, notary. Reasonable fees you can afford. Payment plans to fit your budget. 371-1924. (1-8-97)

TV - VCR STEREO & amplifier repairs. 50 yrs. experience Free estimates. All work guaranteed. Discount to seniors. 446-0916. (10-3)

ATTENTION DOD & MILITARY. Are you looking for quality child care? Base certified Day Care provider has openings for FT/PT care in a safe and loving atmosphere. Arts & crafts. Small group. Flexible rates. For more information call Sandy. 446-2729. (TFN)

20 RENTALS

1 BEDROOM APARTMENT. Nicest in town. That's what our new tenants tell us. Great location. Come check us out. Sanders Street Apartments. 371-1407. (1-9-97)

\$555. Charming 3BR, 2BA, garage, immaculate. 446-4810, evenings OK. (TFN)

\$335! FRESH PAINT. Spiffy 2BR, great kitchen, private laundry, water/trash

tutors. There is a \$15 charge which covers the cost of the class, books and membership in the council. There is no charge to students for council services. For more information, or to enroll, call 446-5227.

####

Wednesday, Sept. 11, WACOM's membership coffee, with the theme, "Friendship Blooms at WACOM," will be held at the Wreck Center from 10 a.m. to 12:30 p.m. Reservations are not required and everyone is welcome. For more information, call Sue Moulton at 375-5364, or Joanie Miller at 375-5434.

####

On Saturday, Sept. 21, the Over the Hill Track Club will host its second annu-

al run-walk of the Saucony/RRCA Women's Distance Festival at McBride Park (on base). The run starts at 7:30 a.m. All women and girls are invited to attend as participants.

To sign up send your entry form to OTHTC, c/o Barbara Miller, 1623 Weiman, Ridgecrest, CA. 93555. Cost is \$12, which includes a T-shirt. Proceeds will go to the Women's Shelter Network. Awards will be given to the top three overall winners and the top three in each age group for runners and walkers. Prizes will be given away after the race. Participants must be present to win. For more information contact Miller at 499-6400.

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25 REAL ESTATE

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40 MISC. FOR SALE

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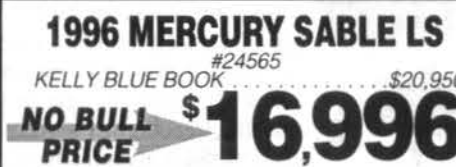
1996 FORD TAURUS GL
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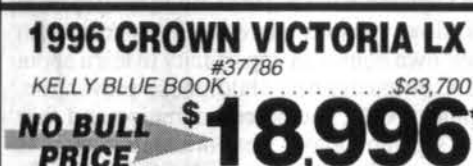
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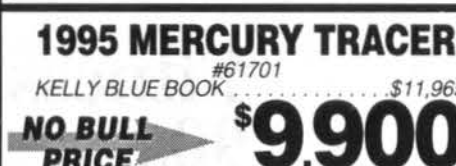
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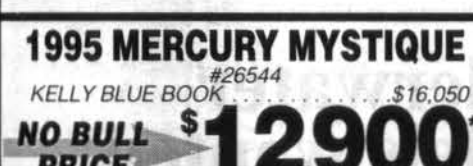
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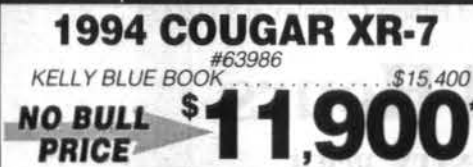
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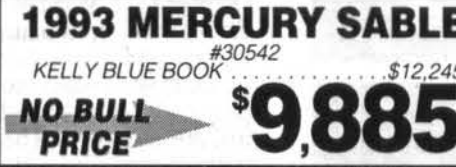
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Explosive Ordnance Department

Secret Service tasks locals to help secure sites at San Diego Republican Convention in July

By Kathi Ramont
Staff Writer

A chance to see presidential candidates, famous politicians, media personalities and movie stars in person — working in glamorous surroundings in a major city — sounds like fun, and were all part of the daily grind for members of China Lake's Explosive Ordnance Department when they worked with Secret Service personnel at the recent Republican Convention in San Diego.

According to Lt. Melanie Knight, EOD's officer in charge, the local EOD was tasked by the Secret Service as part of its secondary mission to provide consultant services to other government law enforcement agencies. "It sounds glamorous, but it really wasn't," said Knight. "We had two teams working 12-hour shifts for seven straight days." They were part of 46 EOD and 16 K-9 teams consisting of Navy, Army, Air Force, Marine and local civilian law enforcement to make sure that the San Diego Convention Center, the Marriott and Hyatt hotels, Embarcadero Park and the San Diego yacht harbor were free of explosives.

The China Lake team consisted of Knight, ENCS Steve Boneau, GMG1 Dave DeSantis, GMG1 Nat Rumph and China Lake Police Department's MA2 Brett Kittelson, and his dog, Rudy, of the

Navy Military Working Dog program. They reported to the Secret Service, who organized the plan to search areas, travel routes, buildings and rooms of convention VIPs. "We stayed in the background," explained Knight. "We went in ahead of time, cleared the building and secured." They wore civilian clothing so as not to give the impression of a large military presence. They used ear phones and radios to talk to other team member. "If anyone saw us they probably thought we were Secret Service," said Boneau. As part of their searching tools, they used mirrors, flashlights and the sniffer dog.

"Rudy is trained to identify," said Kittelson. "For instance, when we checked a large media van full of electronic equipment, instead of taking apart each piece of equipment, Rudy was able to go in the van and sniff for explosives. When we checked Henry Kissinger's car he jumped out real fast," said Kittelson laughing. In the case where two sticks of dynamite taped together were found at the Marriott Hotel, the local bomb squad was called in to handle it. That bomb turned out to be a fake. But other things were found, such as cans of Mace and knives.

In addition to Republican candidates Bob Dole and Jack Kemp, the team saw Nancy Reagan, Ollie North and the "60 Minutes" news crew. "We stayed in the background," commented Boneau, "but

MILITARY NEWS



Photo by Kathi Ramont

EOD team members who worked at the Republican Convention in San Diego were Lt. Melanie Knight; GMG1 Dave DeSantis, ENCS Steve Boneau and (far left) CLPDs MA2 Brett Kittelson and his dog, Rudy; (not pictured) GMG1 Nat Rumph.

When convention activities spilled over to the yacht harbor, Knight's team went topside of the yachts to check for explosives, while the Point Mugu and North Island EOD teams of divers went in the water to check the boat and the harbor area. "Actually, diving takes more of a toll than taking apart a bomb like we do," said Knight.

She added that Navy-wide more EOD personnel deaths happen to parachuting and diving teams that to the remote-

working teams like China Lake. "We use remote tools whenever possible to lower the risk," she explained. The main purpose of EOD's assignment to China Lake is to render safe and recover explosive ordnance that has been fired, dropped or placed in such a manner as to constitute a hazard to installations, personnel or material.

Knight explained that her group couldn't accommodate the Democratic Convention in Chicago due to manpower shortages.

National military mountain bike championship at Snow Summit

Military mountain cyclists will compete at the third annual National Military Mountain Bike Championships Oct. 12-13 at Snow Summit, near Big Bear Lake, Calif.

This year's competition will run in conjunction with the 1996 Big Bear Fall Classic. Service members not only have a chance to win military medals, they will also compete against civilian cyclists for overall honors.

Air Force Maj. James Ramsey, spokesman for the military competition, said the 1996 competition will feature two events, held on separate days. The first event is a mountain downhill race — a first for the military championships. He described the race as an off-road, individual time-trial where racers travel a point-to-point downhill course.

On the second day, cyclists take on an 18-mile cross country course. Racers again navigate hills and water hazards trying to record the fastest time in their group. Ramsey said entrants may compete in

either or both events. Unlike traditional cycling events that combine scores from each event for an overall winner, each event at Snow Summit is a separate competition with winners in each category.

Cyclists compete in age and gender categories, with gold, silver and bronze medals going to the top finishers in each division. Military men and women may compete in the following categories: professional, 19-24, 25-29, 30-34, 35-44, 45-54 and over 55.

Although the Big Bear Classic is open to all mountain bike racers, the military championship limits its entries to uniformed service members. To enter, service members must pay a \$32 entry fee for each event, or \$57 for both stages. Athletes must also hold a National Off-Road Bicycle Association license. Those not holding a license may purchase a one-day license at each race.

For more information about the competition, entry requirements and fees, contact Ramsey at (719) 554-5486.

Johnson sworn in as new CNO

Adm. Jay Johnson has been sworn in as the Navy's new chief of naval operations. He was confirmed by the U. S. Senate Aug. 2, and sworn in on Aug. 5.

Johnson, 50, said he takes the helm as CNO with a sense of enthusiasm and clear vision for the future. He said he is committed to people and wants to make it clear that the needs of the Sailor will not be ignored.

"My number one priority will be people," said Johnson before the Senate Armed Services Committee. "Without them the equipment and mission all falls by the board. So, the number one chal-

lenge that I see coming is to maintain the care, nurturing and betterment of the people of the Navy." He also said he would continue to embrace quality of life issues with vigor.

He said that his definition of quality of life includes giving his Sailors the platforms, weapons systems and equipment to carry out the missions they are tasked to do in such a way that they can crisply execute the mission and return safely home.

Johnson is the second-youngest naval officer to lead the Navy.

His "Vision for the Future" is printed on Page 11 of today's Rocketeer.

Dr. Charles Ayers joins BMC staff

Dr. Charles Ayers, formerly medical director of Sage Community Health Center, has joined the staff of the China Lake Branch Medical Clinic.

A board certified family practice physician, Ayers joined the BMC on Aug. 21 and says he is looking forward to providing quality medical care to the military family.

As a resource sharing physician,

Ayers will be restricted to seeing only CHAMPUS-eligible patients. His contribution to this patient category will allow the clinic to expand its appointment capacity.

Ayers is a graduate of the University of Illinois College of Medicine. He said he welcomes his established CHAMPUS-eligible patients to continue their health care with him at his new location.

Linda Montayo joins CL's Navy Exchange as first civilian manager

By Kathi Ramont
Staff Writer

"I love retail," said Linda Montayo, the new branch exchange manager. "It is so exciting. Every month it's a new challenge." Not only is Montayo new to the China Lake Navy Exchange, but new to the desert as well. She moved to Ridgecrest in June after spending the last seven years in Japan where she lived in Yokosuka and Atsugi. "I love the lack of humidity here," she laughed. "I love the sunrises and sunsets."

Due to Navy downsizing, the Navy Exchange Service Command is replacing military exchange officers with civilians. That means the military member can be placed in other areas where they are needed more.

"With a civilian manager, you will get experience and consistency," explained Montayo. She has worked retail all her adult life, starting out at an NEX at \$1.87 an hour, two days a week.

"We have a wonderful team at China Lake," she said. "I was very lucky to come into this kind of team that works."

When the commissary vacated the area next door,

the NEX expanded its furniture, electronics and large appliances areas. It now carries refrigerators, washers and dryers and household furnishings. "I've checked around town and I know that the Exchange carries the lowest prices," she said.

Because this is a smaller store, it can't always participate in the sales that the bigger stores, such as the one in San Diego, have. "But we do guarantee the best price," she explained.

"If within 30 days of your purchase of any item in this store, the same item is offered at the lower price by the exchange, or a local competitor, we'll refund the difference. Just bring in a copy of the advertisement and your receipt."

With the holidays fast approaching, Montayo is planning special December Friday night shopping. In the past, the nights were broken up into a men-women-children-only shopping nights, but this year everyone will be able to shop at each special night.

A recent survey showed the China Lake store has a high customer satisfaction level. And Montayo said she has an open door policy and if anyone has suggestions, questions or complaints, they can reach her at 446-2587 or 446-7474.



Photo by Kathi Ramont

NEW AT THE NEX—Christmas toys are now in stock and ready for layaway says new Navy Exchange manager, Linda Montayo.

Jewish high holidays begin September 13 with evening service at 7:30

According to Deborah Schwartz, president of the NAWS China Lake All Faith Chapel's Temple Beth Torah, services for Rosh Hashannah evening, Friday Sept. 13, will be held at 7:30 p.m. The Rosh Hashannah morning service, on Sept. 14, will commence at 9:30 a.m., the children's service will begin at 1 p.m.

The Rosh Hashannah morning service, on Sept. 15, will start at 9:30 a.m.

Kol Nidre services for Yom Kippur eve will be held Sunday, Sept. 22, at 6:30 p.m. The Yom Kippur morning service will commence at 1 a.m., Monday, Sept. 23. The Monday afternoon service will begin at 1 p.m.

The Yizkor service and the concluding evening service begin at 5 p.m. Temple Beth Torah's High Holiday services will be held at the NAWS All Faith Chapel East Wing. Please call 375-0385 for further details.

The blast of the ram's horn brings an end to the drowsiness of the summer sea-

son. Jewish people throughout the world are roused by the resonant sound of this ancient instrument. The blast marks the beginning of the High Holy Days, Rosh Hashannah and Yom Kippur. The ten-day period from Rosh Hashannah through Yom Kippur is traditionally called The Days of Awe because it is at this time that Jews stand in awe of the world and its Maker. This year the High Holiday period commences on Sept. 13 at sundown and ends Sept. 23 at sundown.

Rosh Hashannah, the Jewish New Year, is a celebration that blends joy with solemnity. There are various customs on this sacred day, some having to do with prayer, others with food.

On Rosh Hashannah, Jews praise God for the creation of the world. As the prayers proceed, individuals turn from looking out at the world to looking in at themselves. In communal and private prayers, Jews consider the uncertainty of life, and pray for Teshuvah (reconcilia-

tion with God). Rabbis offer sermons inspiring congregants to begin the process of self-examination. During the service, the distinct sound of the shofar or ram's horn is heard in observance of a commandment which originates in the Bible. At home, the festive meal begins with blessings over sweet wine and a round challah (a rich egg bread) to reflect the continuing cycle of years and seasons. A blessing is said before eating apples and honey, symbolizing the hope of a sweet year to come.

During the ten Days of Awe, Jews are encouraged to draw closer and closer to God and to their higher selves, until they reach the spiritual heights of Yom Kippur — the Day of Atonement. On Sunday evening, Sept. 22, Jews begin an intense day of fasting and praying. The haunting prayer Kol Nidre, literally meaning "all vows," is chanted as the congregation stands.

The Yom Kippur liturgy focuses on forgiveness, repentance and for life and

peace in the new year. The observance of this solemn and sacred day dates back to biblical times. Each year, the Israelite community observed a day of self-denial, petitioning God for forgiveness by offering sacrifices on the Temple Mount. In keeping with the solemnity of the day, some Jews wear white garments and simple canvas shoes. The Book of Jonah is read in the afternoon — its narrative recalling an entire community spared from destruction because the community repented.

The melodies and chants on Yom Kippur are haunting and evocative, setting the mood for serious self-reflection. A memorial service, held on Yom Kippur afternoon, called Yizkor, honors deceased relatives.

Then, with a single extended blast of the ram's horn, the ten-day period comes to a close. Twenty-four hours of fasting and praying for forgiveness come to an end as Jewish communities near and far break bread together.

All Faith Chapel Services

Equipment for the hearing impaired and nursery are available

Protestant

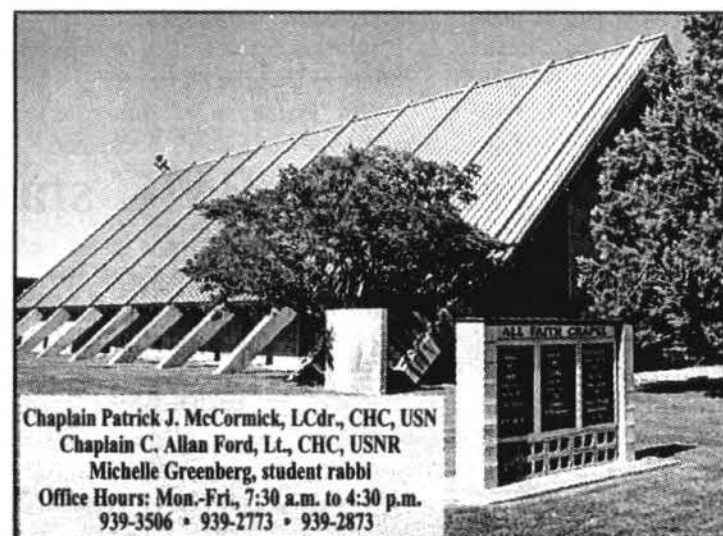
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, Sept. - May, 9:00 a.m.
1008-10 Blandy & 1903-05 Mitscher 11:30 a.m.
Bible Study (East Wing), Sept. - June, Wednesday 6:00 a.m.
Men's Prayer Breakfast, East Wing, Thursday 7:00 p.m.
Adult Bible Study, East Wing, Thursday 7:30 p.m.
Jewish (446-3613 Messages)
Weekly Services, Friday, East Wing 10 a.m. - noon
Adult Education, Oct. - June, Saturday, 1902 Dobb 2-5 p.m.
Hebrew Classes, Oct. - June, Saturday, 1902 Dobb 9 - 11 a.m.
Religious School, Sept. - June, Sunday, 1902 Dobb
Jewish Classes (when Rabbi is here).
Four years and up: Friday, 1902 Dobb 5 - 7 p.m.
Sunday, 1902 Dobb 9-11 a.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sept. - May, Sunday, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:30 a.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.

Islamic

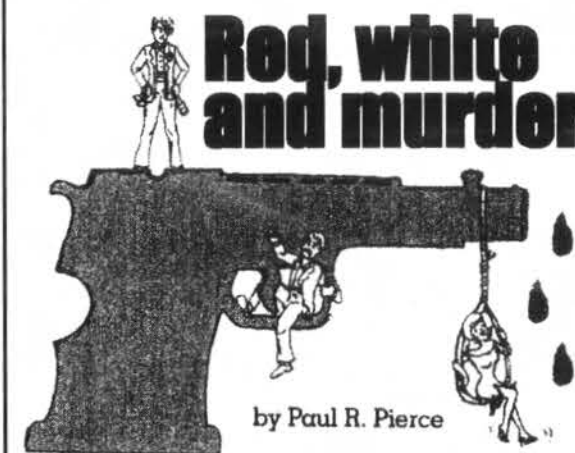
Jumaa Prayer, Friday (1002 Blandy) 1 p.m.



Chaplain Patrick J. McCormick, LCDR, CHC, USN
Chaplain C. Allan Ford, LT, CHC, USNR
Michelle Greenberg, student rabbi
Office Hours: Mon.-Fri., 7:30 a.m. to 4:30 p.m.
939-3506 • 939-2773 • 939-2873

At Your Leisure

MWR Management Team, NAWS, China Lake, CA

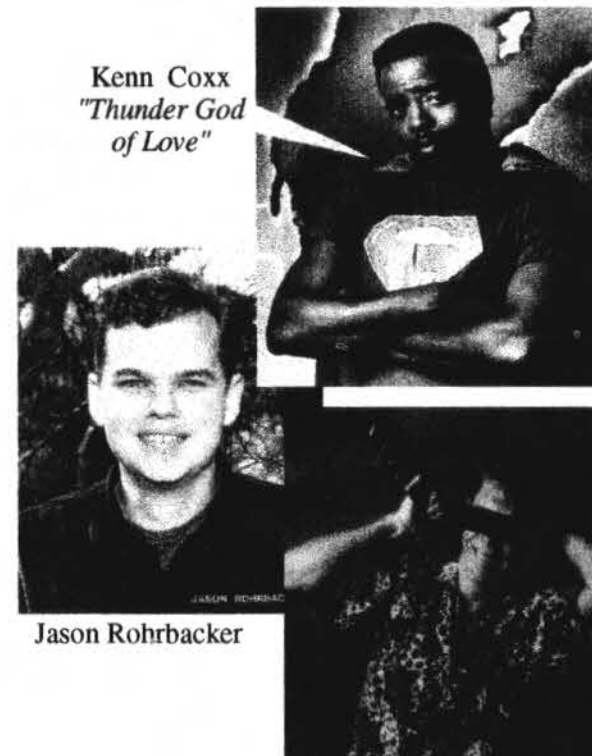


When you arrive at the Wreck Center on September 25 at 7:00 p.m., you'd better be ready to do more than just watch a play! Be prepared to figure out which of your dinner companions is a murderer. *Red, White and Murder* is an end of summer dinner theater-guaranteed to keep you on the edge of your seat. Show contains interactive events where the actors mingle in the crowd during dinner and after the treacherous murder, audience participates in the suspenseful and comic homicide investigation. Dinner includes assorted pastas, breads and sorbet for dessert. Dinner is the set and you're the cast. Make your reservations by September 19. Tickets available at the Wreck Center. Military and DoD fees are \$12.50 for one and \$20.00 for couples. All others pay \$15.00 for one and \$25.00 per couple. For details, call 939-9660 or 927-4FUN.

Catch a star and a laugh

September 20 is filled with exceptional live comedy and dancing at the Wreck Center. Show begins at 8:30 p.m. Reservations are recommended by September 19. Show contains adult humor and is open to all. Military are admitted free and Do/Community pay only \$6.00 per person for an evening of fun-filled entertainment. For details, call the Wreck Center at 939-8660.

Kenn Cox
"Thunder God of Love"



Jason Rohrbacker

Give us your best shot

Wreck Center is now accepting sign-ups for fall and winter dart leagues. Tuesday nights are doubles and Thursday nights are singles. Wreck Center sponsors four teams. Teams alternate weekly play in other locations in town. Come be a part of the fastest growing sport of the 90s. For details or to sign up, please call 939-8660 or 939-3540. Hurry! Leagues begin September 3.

Fitness in the 90s

The 90s are filled with fitness and more for women at China Lake. Sports and Fitness Complex offers a class called *Women on Weights*. Class gives women the opportunity to develop an effective fitness program—allowing the woman of the 90s to be all she "wants to be" in a female training environment. Instruction centers around proper biomechanics, machine and free weights, cardiorespiratory training activities and diet. A healthy life-style and body composition screening is also included. Women have specific training needs—this course fills them. Instructor is Daryl Goode, a certified and professional trainer. Fees are military-\$50.00, DoD-\$55.00 and Community-\$60.00. For details, call Daryl at 939-2334.

Total fitness

You want to be fit but you just don't know where to start? Sports and fitness staff can help. Enroll in the total body conditioning class from September 16 to October 11 on Monday, Wednesdays and Fridays from 7:00 p.m. to 8:00 p.m. Class caters to the need for knowledge and a desire to develop an effective fitness program and instills motivation to track and continue progress. Learn biomechanics, cardiorespiratory training, diet and more. A healthy life-style and body composition screening is also included. Instructor is Daryl Goode, a certified and professional trainer. Fees are military-\$50.00, DoD-\$55.00 and Community-\$60.00. For details, call Daryl at 939-2334.

Smokin' 5K

In honor of Fire Prevention Week, show your stuff in the Annual Fire Prevention 5K Walk/Run on October 5. Sign-up at the Fire Station or at the Sports and Fitness Complex. Fees are Military-\$10.00, DoD-\$11.00 and Community-\$12.00. T-shirts are given to all. Fresh fruit and water is provided during race. Awards are presented to first and second place for male and female finishers.

Expertise grows

MWR Sports and Fitness complex welcomes Carla McDonough to the best certified fitness staff in the area. Carla is a personal trainer and a competitor. Carla gives personal training on Saturdays and offers fitness classes in October. Call 939-2334.

Your ticket to fun

Information, Tickets and Tours office is located in the Wreck Center. Program offers substantial discounts on Southern California Amusement tickets. Wreck Center also has fishing licenses and more. Before you take off on your next adventure, make your first stop at the Wreck Center. For details, call 939-8660.

Invest in yourself and our future

Do something for yourself and others! Attend a unique orientation on September 9-13 at the Child Development Center. Class allows persons interested in working with children in their own homes an opportunity to learn about Family Child Care guidelines, child abuse prevention, child development, CPR, medicine, sanitation and first aid. Hurry and sign-up today! Next orientation class is not until November. For details, call Jon Sims, Family Child Care Director, at 939-6683.

Underwater models wanted

Become an underwater model today! Simply go to the Community Pool on Saturday, September 7 from 1:00 p.m. to 2:30 p.m. What a great way to capture summer memories of family, friends, children or even yourself. This is your last chance to get a "Splash Flash" underwater photo taken. Photos are \$2.00 each. For details, call the Sports and Fitness Complex at 939-2334.

Pool Hours

COMMUNITY POOL

Through September 29

Monday - Thursday & Flex Friday:

11:00 a.m. - 1:00 p.m. Lap Swim
3:00 p.m. - 5:00 p.m. Open Swim
5:00 p.m. - 7:00 p.m. 1/2 Lap, 1/2 Open
Non-Flex Friday:
Closed for cleaning
Saturday, Sunday & Holiday:
10:00 a.m. - 1:00 p.m. 1/2 Lap, 1/2 Open
1:00 p.m. - 5:00 p.m. Open Swim

INDOOR POOL

Through June 6, 1997

Monday - Friday:

5:00 a.m. - 7:00 a.m. Lap Swim
10:00 a.m. - 1:00 p.m. Lap Swim
11:30 a.m. - 12:30 p.m. Aquatics (shallow area)
CLAM (2-3 lanes)
3:00 p.m. - 5:00 p.m. IWV Swim Practice
5:00 p.m. - 6:30 p.m. Lap Swim (5 lanes)
IWV Swim Practice (2 lanes)
Lessons/Aquatics (shallow area)
CLAM (2-3 lanes)
6:30 p.m. - 7:30 p.m. 1/2 Lap Swim
6:30 p.m. - 8:00 p.m. 1/2 Open Swim (shallow area)

Saturday, Sunday & Holiday:

9:00 a.m. - 10:00 a.m. CLAM (Sat. only)
10:00 a.m. - 1:00 p.m. Lap Swim
1:00 p.m. - 5:00 p.m. Open Swim

Commander's Award presented to MWR Director Alonzie Scott

As one of his last duties before he left China Lake for his new command in Memphis, former NAWS CO Capt. Chuck Stevenson presented a Commander's Award to Alonzie Scott, Morale, Welfare and Recreation director, on July 22.

According to the citation, Scott has created and implemented programs that provide wholesome, constructive off-duty leisure activities for active duty military personnel, their families and military retirees, while continuing support for DoD and contractor personnel.

MWR is a diverse and extensive organization that includes service facilities, recreational sports, hobby and craft shops, a golf course, child development center, food and beverage bars, a bowling alley and a library.

Stevenson said that Scott has utilized commercial sponsorship at China Lake to expand leisure activities. Under his leadership, the golf course income increased by \$9,000, not including commercial sponsorship of several tournaments, with a new

commercial signage contract. He also initiated a \$3,000 commercial sponsorship of the annual Marine Corps MAD Dash, which helps support the annual Marine Corps Birthday Ball.

Since Scott assumed the director's position in 1994 he has been involved in the renovation of the Seafarer Club, now a multi-purpose, recreation facility renamed the Wreck Center; his program took first runner up in BuPers 1995 Christmas Activities Program, which netted a cash prize; a new \$1.4 million Child Development Center which opened in July; started an on-Station free movie program for military and their families; the Child Development Center and Family Child Home Care received an Outstanding BuPers Inspection rating; improved the fitness and sports equipment and facilities; installed cable TV in the China Lake Auditorium and gym; planned and contracted the new outdoor arena for in-line skating; and changed many MWR activity hours of operation to reflect customer preference.



COMMANDER'S AWARD—Alonzie Scott, MWR director, was presented with this award by former NAWS CO, Capt. Chuck Stevenson, in July.

Military discourages tobacco use: Commissary prices to rise Nov. 1

Starting Nov. 1 tobacco products in military commissaries will be sold at the higher prevailing military exchange rate prices. Assistant Secretary of Defense for Force Management Policy Fred Pang said, "We are taking this step to enhance our personnel readiness by discouraging

smoking and promoting healthier lifestyles. Currently, the more deeply discounted prices of tobacco products in military commissaries sends a mixed signal to our people about the seriousness of our tobacco cessation policy."

Under the new sales policy, the price of

tobacco products in both the exchanges and commissaries will be the same throughout the services. Any additional earnings generated from the increased prices of those tobacco products will go to non-appropriated fund programs.

Although DoD has aggressively pro-

moted tobacco deglamorization and smoking cessation programs, about 32 percent of military personnel still use tobacco products, well above the 20 percent Healthy People 2000 objective. The pricing change is aimed at discouraging the consumption of these products.

Sistrunk and Bartlett receive achievement medals at WTS quarters

At August Weapons Test Squadron quarters, AMH2(AW) William A. Sistrunk received the Navy and Marine Corps Achievement Medal (gold star in lieu of third award). From December 1994 to March 1996 Sistrunk served as leading petty officer and events coordinator for the China Lake Honor Guard and Funeral Detail. According to his citation signed by former NAWSWPNS Commander RADM. McKinney, Sistrunk expertly coordinated and led more than 35 ceremonial and funeral details.



Sistrunk

"His superior performance as events coordinator and

team administrator resulted in timely and efficient travel arrangements and disbursing liquidations," read Cdr. Randy Sweeney, WTS CO.

PR2(AW) Paul O. Bartlett also received a NMCAM (gold star in lieu of second award). He served as Detachment Three Line Division Leading Petty Officer and Paraloft Workcenter Supervisor Fleet Logistics Support Squadron 30 from April 1995 to February 1996.

According to VADM. Brent M. Bennett, Commander Naval Air Force, U.S. Pacific Fleet, Bartlett safely coordinated all launch and recovery evolutions of



Bartlett

Detachment Three aircraft. His citation notes that his management of the Ground Plane Captain Training Program resulted in an unprecedented 100 percent Plane Captain qualification in the division.

Recognition

A letter of commendation from McKinney was presented to AD1 David E. Dempsey.

AMHAA Glenn A. Gain qualified as an F/A-18 Plane Captain.

An Outstanding activity Award for the Measure Program was presented to AT1(AW) Brook C. James for the AIMD W/C 670 Division.

AMH2 Craig J. Gershen received the enlisted aviation warfare specialist designation.

For superior public service with Boy Scout Troop No. 41, AMS1(AW) William Singletary received the Military Outstanding Volunteer Service Medal.

Entries are sought for Naval Institute's Arleigh Burke essay contest

The Naval Institute invites entries for its prestigious annual Arleigh Burke Essay Contest, now entering its 117th year. Three essays will win prizes. Anyone may enter. First prize earns \$3,000, a gold medal and a life membership in the Naval Institute. First honorable mention wins \$2,000 and a silver medal. Second honorable mention wins \$1,000 and a bronze medal.

The topic of the essay must relate to the objective of the U.S. Naval Institute: "The advancement of professional, literary and scientific knowledge in the naval and maritime services, and the advancement of the

knowledge of sea power." The essay must analyze, argue, persuade and interpret, not merely offer an exposition, a personal narrative or a report. The editorial board of the institute will judge the essays.

They must be original, must not exceed 3,500 words and must not have been previously published. Essays must be submitted exclusively to the Naval Institute, with the U.S. Naval Institute having first publication rights. An exact word count must appear on the title page. Direct all entries to: Publisher, U.S. Naval Institute, 118 Maryland Avenue, Annapolis, MD 21402-5035. Essays must be postmarked on or

before Dec. 1, 1996.

The name of the author shall not appear on the essay. Each author shall assign a motto in addition to a title of the essay. This motto must appear on the title page of the essay in lieu of the author's name, along with the essay title and by itself on the outside of an accompanying sealed envelope containing the name, address, telephone number, social security number and short biography of the essayist, the title of the essay and the motto. The Naval Institute will not open this envelope until the editorial board has made its selections.

Awards will be presented at the 123rd

annual meeting of the membership in April 1997. Winners will be notified in February 1997, and all other authors by March.

All essays must be typewritten, double-spaced, on paper approximately 8 1/2" x 11." Submit two complete copies. If typed on a computer, please also submit an IBM-compatible disk and specify software used. The Naval Institute will publish the three prize-winning essays in *Proceedings*, and may also publish some essays not awarded prizes. It will compensate these writers at the rate established for purchase of articles.

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Reduced Observable Missile Plume Project recognized

Team's accomplishments provide 'broader range of technologies available for incorporation into propulsion system upgrades.'

On hand to present the Reduced Observable Missile Plume Project Team Award, Paul Homer, head of the Weapons Target Department, expressed his appreciation to team members. "The can-do attitude displayed by all of you allowed an extensive technology development effort to be conducted while minimizing program costs," he said.

The success of the project required the coordinated efforts of technical professionals across several NAWCWPNS divisions in the 4.0 and 5.0 competencies. "The core individuals on the team demonstrated exceptional skill and expertise responding to demanding testing schedules and adverse working conditions," said John Robbins, Propulsion Branch head. "The outstanding contributions made by this team provided critical propulsion technology to the Navy, and the collective effort reflects well on the technical capabilities of NAWCWPNS."

Team members from the Research and Engineering Competency included Lawrence F. Lesniak, Gregory C. Smith, Eldon J. Barkman Jr., Steven J. Florian, Gary L. Ford, Chris P. Gibbs, Clarence R. Taylor, Robert A. Boyack, John D. Braun, James R. Clark Jr., Sharon E. Jenkins, Jeffrey W. Spindler, Barry L. Thompson, James M. Hoover, Donna M. Hanson-Parr, Myung Jae Lee, Timothy P. Parr, Klaus C. Schadow, Clifford Smith and Nicholas R. Zagala.

James M. Matson and Robert G. Sutherlen joined them from the Test and Evaluation Competency.

From 1991 to 1995 exploratory and advanced development work was conducted in the area of propulsion plume signature technology. This project included extensive design, development, analysis, hardware fabrication, motor processing and testing efforts. Technology was developed and successfully demonstrated in full scale flightweight hardware, in static and simulated flight environments. The technologies developed under this effort represent significant advancements in the state-of-the-art for propulsion systems design.

Sterling Haaland, director for Research and Engineering added, "You've provided the Navy with a broader range of technologies available for incorporation into propulsion system upgrades."



TEAM AWARD—After presenting a NAWCWPNS Team Award to members of the Reduced Observable Missile Plume Project, Dan Goss, Airframe, Ordnance and Propulsion Division head, and Paul Homer, head of the Weapons/Targets Department, joined the group for a photo. The gathering included (back row, l-r) Robert G. Sutherlen, John Kapels, Goss, Homer, Klaus Shadow; (third row, l-r) Chris P. Gibbs, Sharon E. Jenkins, James M. Matson, Barry L. Thompson, Myung Jae Lee; (second row, l-r) James M. Hoover, Robert A. Boyack, Clarence R. Taylor; (front row, l-r) Gregory C. Smith, Gary Ford and Steve Florian. Not shown: Lawrence F. Lesniak, Eldon J. Barkman Jr., John D. Braun, James R. Clark Jr., Jeffrey W. Spindler, Donna M. Hanson-Parr, Timothy P. Parr, Clifford Smith and Nicholas R. Zagala.

Library seeks information investments

By Wallace Martin
http://chickieclib.chinlake.navy.mil

The Technical Library, now going "virtual," is actively encouraging projects with end-of-year funding to make information investments to keep their project research alive and well.

In the past five years over 60 projects have invested expiring funds to help the Tech Library purchase new books, periodicals, and CD-ROMs to help project efforts. According to Technical Library officials, no funding investment is too small. Last year investments ranged from \$500 to \$10,000 for a single project.

As a special incentive for projects investing \$2,500 or more, the Tech Library has prepared a unique Information Investment package. Investing projects will receive the following: Hot-Topic Service, extended literature searches, DeskTOC Service, personalized remote access assistance and personalized project pick-up and delivery service.

With Hot-Topic Service, the project staff will give the Tech Library three hot-topics and the library will research the "hottest" sources and give that project a regular, ongoing, written monthly report throughout the year. With extended literature searches, the library will conduct additional research at no additional cost.

With the new DeskTOC service, the investing project submits a list of up to 50 of their all-time most important periodical titles (over 14,000 to choose from). Before each issue hits the stands, the Tech Library will e-mail that project the table of

contents. If complete text is needed, the Tech Library will quickly get it. For the end-of-year incentive program, the Tech Library will offer the project staff one service for every five computers within the project.

With personalized remote access assistance, the Tech Library will offer extra attention to help project personnel make full use of the new Virtual Library right from their desktop.

The Tech Library will send out a computer specialist to help configure their computers so they match the Tech Library format. Then project personnel can begin to make full use of the Tech Library at their own office.

With personalized pick-up and delivery service, the Tech Library will pick up and deliver anything going to and from the Tech Library and the investing project office. No more overdue notices!

Information investments to the new Virtual Library will help support the S&T Networks, improve and streamline customer service, convert printed materials to faster electronic formats, expand your CD-ROM Library, periodicals, and inter-library access and sponsor more classes.

These classes will teach you new search techniques and how to develop a new patron packet for your S&E information retrieval training materials.

To help keep your project information alive and well, call your Technical Library Team with your JON today.

Investments must be made now. You may reach Mary-Deirdre Coraggio, Barbara Manley or Reg Read at 939-1017.



HONORED AGAIN—Maintaining technical awareness through participation in the International Institute of Welding — Charles "Chuck" A. Johnson, head of the Weapons Prototype Division, was recently honored with the R. D. Thomas Jr. International Lecture Award. This award is sponsored by the American Welding Society and is presented to an individual who is involved in international activities that exemplify global research and standardization of welding technology. Johnson has been a member of the American Welding Society for 28 years and is also a member of the American Council of the International Institute of Welding. He is the 1991 recipient of the R. D. Thomas Memorial Award, which recognized his international activities.

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Navy, Air Force, Army and Marine Corps

Annual Military Retirees Appreciation Day set for September 21

China Lake's Retired Affairs Office is hosting the 12th Annual Military Retirees Appreciation Day Saturday, Sept. 21. NAWS CO Capt. Stan Douglass and Ridgecrest Mayor Curt Bryan signed a proclamation declaring Sept. 21 as Military Retiree Appreciation Day. Douglass said that he would like to encourage all retirees, their family members and surviving spouses to attend.

In addition to area residents, retirees from Edwards Air Force Base, the National Training Center at Ft. Irwin and the U.S. Marine Supply Depot at Barstow are invited to attend.

Opening ceremonies begin at 9 a.m. in the NAWS Auditorium. In addition to representatives from each of the four commands, June Herrin, head of the Retired Activities Office in BuPers, Washington, D.C., will speak. According to Don Cooper, director of the China Lake Retired Affairs Office, Herrin is familiar with the problems of military retirees and has a look to the future.

There will be door prizes from various activities, including the exchange

services from all the participating bases, North American Chemical, NAWS Commissary and the Federal Credit Union at Edwards. Prizes include golf balls, jackets, a tent, savings bonds, cameras, caps and more.

Booths will be set up outside the auditorium, including Social Security and Veteran's Administration representatives and Edwards Federal Credit Union.

Golf and bowling tournaments are scheduled, in addition to tours of the flight line, the Weapons Exhibit Center and an evening barbecue. Discounts will be offered that day at the exchange services. The commissary is holding special drawings that day.

Cost of the golf tournament is \$15 per person, including cart and prizes. Only the first 150 entries can be accommodated.

Bowling cost is \$5 and includes prizes. It is limited to the first 50 entrants. Advanced reservations must be made by Sept. 14 for the tournaments and barbecue. Cost for the chicken and steak barbecue is \$6.75.

Call 939-0978 for more information.



IT'S A DEAL—Ridgecrest Mayor Curt Bryan and NAWS CO Capt. Stan Douglass shake hands after signing a proclamation declaring Sept. 21 as Military Retiree Appreciation Day. Douglass said that he would like to encourage all retirees and their family members, as well as surviving spouses, to attend.

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Tomahawk cruise missiles launched against Iraq

WASHINGTON, Sept. 3 — The Defense Department announced late Tuesday evening that a second strike of 17 cruise missiles was launched against selected air defense targets in Iraq. The strike, which followed an early morning attack, was designed to complete the suppression of air defense facilities that could potentially have remained in operation.

Following the first strike, President Clinton announced an expanded "No Fly" zone in response to an Iraqi attack against a Kurdish faction in northern Iraq. The larger "No Fly" zone will make it easier for the United States and its coalition partners to contain Saddam Hussein's aggression, the DoD said.

The attacks are designed to reduce the risks to pilots who will enforce the expanded "No Fly" zone.

Clinton approved the military strikes Monday. Speaking at a press conference from the White House Tuesday morning, he said, "Our objectives are limited, but clear — to make Saddam pay a price for the latest act of brutality, and to reduce his ability to threaten his neighbors and America's interest."

The Tomahawks launched in the second attack came from four Navy ships in the Arabian Gulf. The ships are the USS Russell, USS Hewitt, USS Laboon and USS Jefferson City. Laboon also participated in the first attack.

Hewitt and Laboon are part of the USS Carl Vinson Battle Group that moved into the northern Arabian Gulf last week responding to escalating activity by Iraqi

ground forces. Russell and Jefferson City are operating as part of the maritime inter-ception force under the U.S. Fifth Fleet. Meantime, USS Enterprise and other

cruise-missile capable ships are in the western Mediterranean and are prepared to transit the Suez Canal into the Red Sea if required. — Navy Navy Wire Service



TOMAHAWK missile departs the aft verticle launcher of USS Laboon Tuesday morning for selected air defense targets in southern Iraq. A total of 14 Tomahawks were launched by Laboon and USS Shiloh.

U.S. Navy photo by PH1 Wayne W. Edwards

NAWCWPNS plays major role in development, testing of Tomahawk

Tomahawk cruise missiles can be launched from surface ships, submarines, aircraft and mobile ground units. The missile flies at extremely low altitudes at high subsonic speeds and is piloted over an evasive route by either of two mission-tailored guidance systems. In any weather, day or night, the land attack version of Tomahawk can fly up to 700 nautical miles to deliver its payload with exceptional accuracy.

NAWCWPNS is the principle support laboratory for the Tomahawk missile. In this capacity the Weapons Division provides full life cycle engineering support including early concept development to support of in-service engineering and testing of deployed variants of Tomahawk. Brad Harlow is the NAWCWPNS Tomahawk Project director.

The Block III Tomahawk was most likely the version used in Tuesday's strikes against Iraq. The Block III has

been in production since the mid 1980s, and although this system has been fielded for over a decade, there is a continuous flow of engineering issues that occupy the NAWCWPNS team. In addition to the production-related issues common to most programs, several key product improvements to Block III subsystems are underway. Redesigns of other subsystems are also being pursued by Hughes in order to facilitate the consolidation of its supplier base. All these efforts translate into a lot of work for NAWCWPNS engineers and support staff.

NAWCWPNS also manages the conduct of the Tomahawk test program, with Craig Leiding serving as lead test engineer. Last year NAWCWPNS became the single field activity responsible for all Tomahawk developmental and operational test launch (OTL) testing. Each OTL requires a significant amount of engineering, planning, and coordination between multiple test ranges and

fleet participants.

In-house technology initiatives such as the Warrior and the Low Cost Missile Systems are just two examples of NAWCWPNS support to the future of the Tomahawk program. China Lake is also in the early stages of performing concept analyses for an envisioned anti-armor variant of the Tomahawk missile called TSTARS.

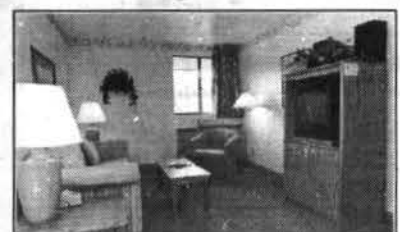
The Tomahawk Baseline Improvement Program (TBIP) is currently in the midst of the engineering and manufacturing development phase. NAWCWPNS provides the majority of the integrated project team leadership and engineering for this effort. In an attempt to influence the design early in the development process instead of later after testing has begun, government engineers work closely with their teammates from the prime contractor, Hughes, their subcontractors and other government field activities. TBIP is scheduled to be fielded in the year 2000.

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ISS from Page 1

looking at both quantity of flow and concentration of hazardous constituents in the wastewater.

Investigations showed the major dischargers were the Plating Shop and photo processing facilities in Michelson Lab and the Circuit Board Shop in the Engineering Building. On-site treatment was recommended for those waste streams.

The second step was to identify all remaining discharge sources, and then to eliminate them by rerouting nonhazardous or treated wastewater to the domestic sewer system. "The first step was the easiest," said Zellmer. "The second step required major study and investigation. What made it even more difficult were all the structural changes that have been made in Michelson Lab over the years and the number of drains — it seemed like we would never be able to locate all of them. We were never sure if a drain was operational or not, or if it even emptied into the ISS. Everything had to be checked out and documented."

Zellmer said the investigation showed that a number of facilities discharged nonhazardous, noncontact cooling water or swamp cooler water into the industrial sewer system. Those discharges were rerouted to the domestic sewer. Abandoned sources were sealed to prevent further discharge, and an inoperable oil-water separator servicing the Public

Works steam cleaning rack was replaced. Discharge points, such as sinks and floor drains, connected to the ISS were sealed, rerouted to the domestic system, or rerouted to an accumulation tank where wastewater was treated, depending on the usage of the discharge source. Operational practices were also changed to minimize discharges.

While the discharges have ceased, there is one more step to complete — to permanently close the industrial sewer system and the Michelson Lab Ponds. This will include cleaning up any contamination — in the pipes, soil and associated equipment — from the ISS and Michelson Lab ponds. This clean up will be accomplished through the Installation Restoration Program.

Since April 22, 1996, NAWS China Lake has been working on a time-critical removal action to remove potential airborne contaminants from the Michelson Lab ponds and to remove any possibility of a release of hazardous substances. This removal action, which is almost complete, includes removing and disposing of the sludge contained within the Michelson Lab ponds, performing a camera survey within the industrial sewer system lateral lines, removing the standing water from within the main and lateral lines, and capping the industrial sewer system lateral connections within both the Michelson Lab Complex and Public

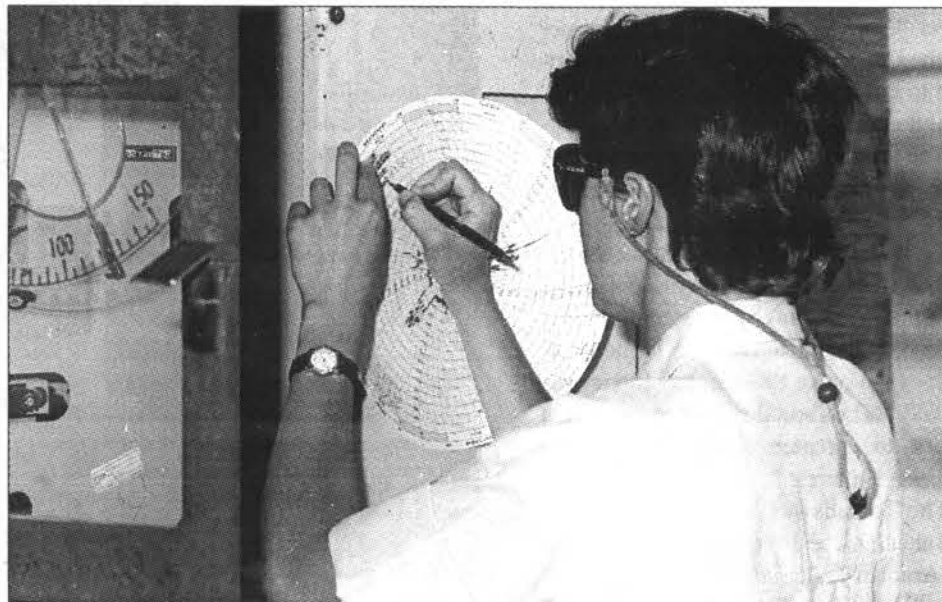
Works Compound.

When this time-critical removal action is complete, further investigation will be performed to see if there has been any other contamination. If further contamination is discovered, additional actions will be initiated.

While there's never any guaranty on what the future will bring, Zellmer said with the way Michelson Lab and Public Works are currently doing business, along with the treatment systems they are now using, she doesn't foresee any more major changes. "We're using the best

available technology there is to meet the environmental needs of today and tomorrow," she said.

"This has been a real team effort," Zellmer added. "To plan and facilitate such a major undertaking, especially with such a rigid schedule and tight budgets, took cooperation from a large number of employees throughout the Station — ranging from people in various departments working in Michelson Lab to Procurement and Public Works personnel. It's taken a while, but it's finally coming to a close."



FLOW METER READINGS were part of the California Water Quality Control Board reporting requirements Laurie Zellmer had to complete each week.

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Nina Lane receives Commander's Award for 1995 Combined Federal Campaign leadership

The Combined Federal Campaign starts Oct. 7. NAWCWPNS has had a strong tradition of participation in the campaign and will have the opportunity in October to renew that high level of participation.

Layoffs, medical emergencies, natural and even man-made disasters can wipe out savings and leave a family destitute and without hope. There are places, however, locally, nationally and internationally, that can help.

Military and Department of Defense civilian personnel from China Lake, local postal workers and Bureau of Land Management personnel will join forces with one goal — upping participation in an effort to continue the tradition of caring shown by so many in the past.

Citing Nina Lane as an example of "the power of caring," former NAWCWPNS Commander RADM. Dana B. McKinney presented her with a Commander's Award for Excellence in Mission Support on Monday, July 15, at the site meeting.

Lane's contributions to the Combined Federal Campaign began when she served as a key worker for her department and subsequently volunteered to become a member of the Local Federal Coordinating Committee (LFCC) said Fran Rugg, Public Affairs liaison for the LFCC, in Lane's nomination letter.

"In 1994, Nina willingly took on the dual role of chairman of the LFCC and chairman for the the overall campaign, a task that she accomplished with professionalism and efficiency," said Rugg. "Despite a declining economic environment, her strong leadership role resulted in successful campaigns in both 1994 and 1995 that brought credit to China Lake through recognition of our

top placement nationwide in individual giving."

Her nomination letter stated that as China Lake moved to implement the competency aligned organization, Lane saw the need to restructure the LFCC in order to reflect the changing organization and ensure the viability of the campaign in future years. She solicited input from all levels of the organization and designed a format for participation on the LFCC that included all competencies and the establishment of a command liaison function on the committee.

"The success of each campaign depends on the dedication of our employees who volunteer their time and energy," said McKinney. "Through the years you have been an outstanding example of how one person who cares can inspire others to open their hearts to people in need."

McKinney said that while the money is important, the participation rate always needs to be higher. He stressed that the money put into the campaign will come back in services, noting that these services can't rely on federal money to operate anymore. "We are our brothers and sisters keepers," he stressed. "No matter how much (or how little) you feel you can afford, at least participate."

Lane noted that one part of the Navy she really likes is the fact that the Navy takes care of its own and that CFC continues this tradition.

The call has been issued to all competencies for key worker volunteers to join Lane on Oct. 2 and 3 for training in advance of the Oct. 7 kickoff. Susan Read, publicity chair for the CFC committee says, "Come on out and join a winning team — it benefits our country, our community and ourselves."



NINA LANE received a Commander's Award in July for her efforts towards the 1995 Combined Federal Campaign.

Lasell and Kelley share Clarence J. Renne Award

In recognition of their outstanding contributions and dedication to the enhancement of the China Lake Propulsion Laboratories plant and facilities, Richard Lasell and Tommy Kelley were chosen the 1996 winners of the Clarence J. Renne Award.

The awards were presented by Dan Goss, Airframe, Ordnance and Propulsion Division head, at a ceremony July 31. It consists of a certificate and a model of an explosive melt cast kettle on a wooden pedestal. Its purpose is to recognize significant contributions to the maintenance, upkeep, improvement or operations of the division's operating plant. It may be given for a single outstanding achievement or for continued excellence of performance.

Lasell, according to his nomination letter from Propulsion Branch Head John

M. Robbins, has enhanced the laboratories' plant and facilities in many ways since he first came to China Lake in 1979. These efforts have included the planning and implementation of the transformation of Building 69 into the JSOW All-Up-Round Integration facility; the upgrades to the Airbreathing Propulsion Laboratory firing bays, air supplies and vacuum system.

Tommy Kelley was nominated by his supervisor, and last year's winner, Gordon Fawkes. According to Fawkes, Kelley has contributed to safety and maintenance of operability of mixers, plant air compressors, Building 69 upgrades, the injection loader, 570 walk-in fume hood and hazardous waste accumulation sites, plus he has the willingness and ability to take on any task.

Clarence J. Renne served as head of the process Systems Division (formerly the Engineering Division) of the Ordnance Systems Department from 1962 to 1980. During this time he was responsible for policy on the number and type of structures and equipment necessary to accomplish the department's mission.

The Renne Award was established in 1980 to fulfill two purposes. First, to provide a means of paying continuing tribute to Clarence Renne's leadership, vision and persistent efforts in assuring that the



Tommy Kelley

plant was always ready and safe for use. The second, equally important purpose was to provide a means of showing appreciation to the people whose outstanding achievements in plant improvement, upkeep or operations carry out the standards of excellence established by Renne.

The Airframe, Ordnance and Propulsion Division operating plant consists of extensive facilities and major process and support equipment, machinery and facilities used in the the research, development, fabrication and testing of explosives, propellants and related ordnance systems.

"Without the operating plant, and the personnel responsible for its design, maintenance and operations the division could not perform its mission," said Goss.



Richard Lasell

Poster contest for military families

Promoting "My Military Family" as its theme, the Armed Services YMCA is sponsoring a nationwide poster contest for children of military families. The winner will receive a \$500 U.S. Savings Bond.

The YMCA will produce and distribute the winning poster in commemoration of Military Family Week, held each November. The contest is open to military children in grades kindergarten through six.

Drawings should depict children and their parents in a military family setting. Poster designs should be on 8 1/2 by 11 inch, regular white, unlined paper. Color or black and white drawings are acceptable. Entries must arrive at the Armed Services YMCA by Sept. 30. Each entry must include a cover letter with the name, age, grade level and address of the child. In addition, entries must include the parents' full names and the military sponsor's unit.

"We hope that the contest will help draw attention to the importance of military families," said Frank Gallo, director of the Armed Services YMCA.

Entries should be sent to Armed ServicesYMCA National Headquarters, 6225 Brandon Ave., Suite 213, Springfield, VA 22152-2510.

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New survey reveals Americans feel safest from fire while at greatest risk

A national telephone survey of 800 Americans by the National Fire Protection Association (NFPA) shows that while most feel confident about their personal safety from fire, there are still several basic things that they do not know — and should — to better protect themselves from fire. The survey revealed that most Americans underestimate their risk of fire danger and too few take the simple, key fire safety steps that can save lives.

The vast majority of survey respondents felt somewhat to very confident about fire safety in their own homes, yet

home is where the risk of fire is statistically greatest. According to NFPA, approximately 80 percent of all U.S. fires and fire deaths occur in the home. Survey respondents also felt confident about safety from fire in their cars, even though private vehicles are the other place where the risk of fire is the greatest.

Respondents felt confident about fire safety in hotels. Because of industry-wide improvements in fire safety, including the greater use of automatic fire sprinklers and alarm systems, hotels are among the lower risk of fire. The NFPA survey revealed that despite concerns among

respondents about hotel fire safety, only 56 percent of travelers report that they check their hotels' emergency evacuation plans, a simple step that could save lives.

Other key facts and findings from the NFPA's 1996 National Fire Safety Survey include:

• 63 percent of the responding men felt "very comfortable" about their personal fire safety, compared to only 52 percent of women. Yet nearly twice as many men die in fires than women.

• Most U.S. home fires happen in the kitchen, yet only 34 percent of the respondents knew that the safest way to deal with

a stove pan fire is to smother it with a lid and then turn off the burner. Men knew this key piece of fire safety knowledge more often than women did.

• Smoke detectors cut your chances of dying if you have a fire nearly in half, and the majority of respondents said they had at least one. Yet only 55 percent had tested their detectors within the past month to make sure they are working.

A NFPA spokesperson said the survey shows that "...Americans have an unrealistic feeling of over-confidence in safety from fire and a lack of critical knowledge of the safest response to a fire."

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Acquisition Position in the Systems Engineering Acquisition Career Field. Incumbent must be able to obtain and maintain a Top Secret clearance. Promotion potential: DP-4.
Note 1, 2, 3, and 4 apply.

NAWCWPNS

No. 82-065-JJ6, Temporary Promotion Not-To-Exceed 1-year for Safety and Occupational Health Manager, DP-0018-04, Code 824000D, Safety/Physical Security Department, Naval Air Weapons Station (NAWS), Shore Station Management Competency, China Lake—Area of Consideration: NAWCWPNS. **Opening Date:** 9-5-96. **Closing Date:** 9-19-96. **Selecting Official:** Capt. Stan W. Douglass. **HRD Contact:** Jean Johanboeke, (619) 939-8135. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Serves as Head, Safety and Physical Security Department, providing leadership and management for occupational safety and health (OSH), explosives safety, crash and structural fire services, and physical security and police services. The incumbent serves as both Safety Officer and Security Officer for NAWS-CL and NAWCWPNS Commands. The incumbent is responsible for all aspects of department operations including personnel supervision and development, financial and resource management, long-term planning, and program management. The incumbent shall ensure that all regulatory mandates are met. Duties include chairing the Department Explosive Qualification and Certification Board and approving all Departmental explosive standard operating procedures. **Quality Ranking Factors (ORF):** **Technical ORF**—Knowledge of the federal regulations in radiation safety, explosive safety, and fire; DON physical security regulations; state penal and vehicle code regulations; state and federal occupational safety and health regulations; and mishap prevention and loss control theory. **Supervisory ORF**—Knowledge of and the ability to apply affirmative action principles, implement EEO practices, motivate and influence others, and communicate orally and in writing. Must be able to obtain and maintain a Secret clearance. **Note:** Position may become permanent without further competition. **Note 2 applies.**

No. 472-002-GB6, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-03, (2 vacancies), Weapons/Targets Department, Guidance and Control Systems Division, Sensors and Platforms Section, Code 472110D—Area of Consideration: NAWCWPNS. **Opening Date:** 9-5-96. **Closing Date:** 9-19-96. **Selecting Official:** Art Hickle, (619) 939-8517. **HRD Contact:** Gail Bigelow, (619) 939-8113. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent serves as system engineer for EO/IR systems including existing and future missile systems and technology demonstration projects. EO/IR systems of interest incorporate varied sensors/detectors, optics, domes, platforms, and cryogenic systems. The incumbent provides expert input to program offices with respect to the systems of interest and monitors the efforts of contractors. Coordinates input of specialists regarding issues to support project offices. Leads a team of specialists in conducting risk reduction activities and plans and directs risk reduction tasks. **Quality Ranking Factors:** (1) General knowledge of EO/IR systems; (2) Specialized

knowledge of at least one area of EO/IR systems; (3) Ability to interface with project offices, center management, sponsors, and contractor personnel; and (4) Ability to meet mandatory DAWIA requirements for Level III of the Systems Planning, Resource Development, and Engineering within 18 months of entering the position. Promotion Potential: DP-3. **Note 4 applies.**

NAWCWPNS (CHINA LAKE AND POINT MUGU)

No. 5322001096, Supervisory Electronics/Engineering Technician, DP/DT-802/856-3, Subscale Maintenance Branch, Target Operations Division, Threat/Target Systems Department, Test and Evaluation Competency, Code: 532200E, Point Mugu—Area of Consideration: NAWCWPNS China Lake and Point Mugu. **Opening Date:** 9-5-96. **Closing Date:** 9-19-96. **Selecting Official:** Robert Williams, (805) 351-590. **HRD Contact:** Pam Stafford, (805) 351-3308. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will serve as the Head of the Branch, responsible for all aspects of the preparation and support required to provide BQM-34S, BQM-74E and AQM-37C target presentations to customers on and off the NAWC-WPNS Ranges. This work requires leadership skills, interfacing, coordinating, planning, and scheduling a broad workload of personnel with widely varying skills in support of the maintenance and operation of aerial targets. The incumbent must have a basic understanding of electrical and electronic components—such as the operation of augmentation systems— aerodynamics, hydraulics, propulsion, ordnance, and aircraft operation. The incumbent should also be knowledgeable on the Navy funding cycles and types of funds, specifically MRTFB, and operation of service cost centers. **Quality Ranking Factors:** (1) Skill in leadership, and the maintenance and operation of aerial targets as described in OPNAVINST 4790.2 and/or OPNAVINST 8600.2; (2) Knowledge and understanding of electrical and electronic components, aerodynamics, hydraulics, propulsion, ordnance, and aircraft operation; (3) Knowledge of the Navy funding cycles and types of funds specifically MRTFB, and operation of service cost centers; and (4) Ability to meet mandatory DAWIA requirement for Level III of Test and Evaluation Engineering within 18 months of entry into the position

NAWCWPNS (POINT MUGU)

No. 8360SH96, Supervisory Recreation Assistant, DG-189-01, Shore Station Management, Morale, Welfare and Recreation Department, Child/Youth Services Division, Code: 836500E, Point Mugu—Area of Consideration: NAWCWPNS Point Mugu. **Opening Date:** 9-5-96. **Closing Date:** 9-19-96. **Selecting Official:** Maureen Wilson, (805) 351-8442. **HRD Contact:** Sylvia Henning, (805) 351-3238. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent performs a variety of duties in support of providing and supervising social and recreational activities for youth. Assists in planning a schedule of events for youth oriented programs. Provides information to patrons about programs and events. Prepares facility for scheduled activities. **Quality Ranking Factors:** (1) Knowledge of the philosophy, principles and techniques of operating a youth recreational or child-care program.

September 5, 1996

REASSIGNMENT OPPORTUNITY

No. 41-006-RF6, Multidisciplinary (Supervisory General Engineer/ Physicist/ Operations Research Analyst/Mathematician/Computer Scientist), DP-801/1310/1515/1520/1550-4, Systems Engineering Department, Carrier Based Tactical Aircraft Division, F/A-18 IPT, Code 411100D—Area of Consideration: DON Wide. **Opening Date:** 8-23-96. **Closing Date:** 9-23-96. **Selecting Official:** Darrell Maxwell, (619) 939-9860. **HRD Contact:** Robert Fitzpatrick, (619) 939-8117. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** As the F/A-18 WSSA (Weapon System Support Activity) chief engineer, this position is responsible for all aspects of assigned life-cycle technical support for F/A-18 aircraft weapon system. The position receives programmatic direction from and is directly accountable to the F/A-18 WSSA IPT Leader for cost, schedule, and performance requirements associated with F/A-18 A/B, C/D, and E/F model aircraft. IPT post-deployment support products include new system capabilities (e.g., major upgrades), fire control/targeting system upgrades, integration of electronic warfare systems as well as coordination with common avionics, trainers, and ground support engineering activities. Duties include serving as the F/A-18 lead at the Naval Air Warfare Center Weapons Division; planning, controlling, evaluating, and coordinating the technical efforts of diverse functional task teams, multidisciplinary product teams, and systems integration teams needed to satisfy customer requirements; developing plans and schedules with defined milestones and metrics for assigned F/A-18 tasks; cost, schedule, and performance monitoring and tracking corrective actions as needed; and exercising direct supervision of systems engineering branch personnel assigned to the F/A-18 IPT. Incumbent must be able to obtain and maintain a Top Secret clearance. **Notes 3 and 4 apply.**

No. 45-002-PW6, Multidisciplinary (Supervisory General Engineer/ Physicist/ Operations Research Analyst/ Mathematician/ Computer Scientist), DP-801/ 1310/ 1515/ 1520/ 1550-4. Avionics Department, Avionics Systems Engineering Division, Code 451000D—Area of Consideration: NAWCWPNS. **Opening Date:** 9-5-96. **Closing Date:** 9-19-96. **Selecting Official:** Matt Anderson. **HRD Contact:** Pat Ward, (619) 939-1346. **Permanent Change of Duty Station Authorized:** Yes. **Summary of Duties:** The incumbent directs Avionics Systems Engineering Division at the NAWCWPNS China Lake and Point Mugu site and is responsible for providing processes and personnel needed for selection, development, management and acquisition of requisite avionics technology, avionics subsystems, avionics system engineering, and design/development/manufacturing/upgrade and testing of avionics systems from inception through disposal. The incumbent establishes processes to develop and certify avionics engineers in avionics system engineering, avionics and weapons integration, avionics system development, and acquisition; allocates Division resources; coordinates needs with other Division/Department leaders, Integrated Program/Project Teams and other customer organizations; advocates the specific needs of the Division; advocates and oversees selected technology development efforts; and continuously improves the processes and quality of Division personnel. The incumbent also establishes processes to translate a set of needs/objectives to design requirements and functional requirements, and establishes the set of system products that satisfy the objectives. Interested candidates should send an updated application to Selecting Official, Matt Anderson, Code 450000D, China Lake, California. **Notes 2, 3, 4 apply.**

September 5, 1996



NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

CHINA LAKE TECHNICAL LIBRARY BOOK ACQUISITION

The Technical Library at China Lake is pleased to announce the acquisition of *Polymers for Second-Order Nonlinear Optics*. This book was developed from an American Chemical Society Symposium through the conjugated efforts of Dr. Geoffrey Lindsay, Code 474220D (materials synthesis), and Kenneth D. Singer of Case Western Reserve University.

The material consists of selected papers submitted at the 208th Nation Meeting of the ACS held in Washington D.C. on 21-25 August 1994.

In addition to reviewing and editing the book, Dr. Lindsay also contributed to the book; he is the author of the first chapter, "Second-Order Nonlinear Optics Polymers: An Overview."

The book, call number QD381.9 O66 P65 1995, will be located on the new bookshelf. To borrow the book call 939-3389 or send and e-mail to tech_lib@imgdw.chinalake.navy.mil.

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Undergraduate—Statistics, 1730-2200 Mondays; Corporate Finance, five Saturdays
Graduate—Integrated Logistics Support in Aviation/Aerospace, TBA

Register now for the 9-week winter term, which begins on 14 October 1996.
For more information, call 927-3649 or email: China_Lake_Center@cts.db.erau.edu

CHINA LAKE TOASTMASTERS COMMUNICATIONS AND LEADERSHIP PROGRAM

Toastmasters is an ongoing program covering public speaking, preparing and giving presentations, organizing and conducting meetings, parliamentary procedure,

impromptu speaking, and much more.

Start at your convenience, and proceed at your own pace because this course is in a supportive atmosphere.

The program is held at the Training Center, Room 114, every Thursday from 1830 to 2000.

POINT MUGU GENERAL ANNOUNCEMENTS

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive labor representative for the bargaining unit employees of NAWCWPNS Point Mugu is the National Association of Government Employees (NAGE). The local R12-33 President is Rev. Louis W. Rogers, located in Trailer 10097; he can be reached at 989-1374 or by e-mail at NAGE R1233@AOL.com.

NEW CIVILIAN EMPLOYEE ASSISTANCE PROGRAM

Getting help when you have a problem can be a problem. Do you know that there is someone you can talk to if you or someone in your family is having difficulties? There is no charge for CEAP services, which may be used before, during (on administrative leave), or after

working hours. Family members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 211 (first floor). The CEAP has a separate exterior entrance on the Wood Road gate at the end of Building 211. All interviews are confidential. For further information, call Carole Stevenson at 989-7708 or 989-8161.

EMPLOYEE COMMUTE OPTIONS PROGRAM

To participate in the Employee Commute Options Program, use alternate means of transportation (any mode of transportation other than a single-occupancy vehicle) to commute.

Eligibility Requirements: To be registered in the NAWCWPNS Employee Commute Options Program, an individual must be an active-duty military member or

Rideshare Hotline: For rideshare hotline information, contact the Employee Transportation Coordinator, Bill Guzman, at 989-1360.



HUMAN RESOURCES DEPARTMENT INFORMATION

The Human Resources Department (HRD) Information Section is intended to provide timely HRD information to NAWCWPNS personnel. Any questions or issues pertaining to this section may be addressed to Ron Rogers, Code 733000E, (805) 989-3997 (DSN 351-3997), FAX 989-9846 (DSN 351-9846).

LABOR/EMPLOYEE RELATIONS TEAM NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 24 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Recipient) and a copy of current Leave and Earnings Statement. OP-Form 630-A is available at Administration Offices at Point Mugu and Telmart at China Lake. Completed forms for Point Mugu may be mailed to Estela Padilla, Code 731000D; forms for China Lake may be mailed to Leora Fields, Code 731000D. For additional information, call Estela Padilla at (805) 989-3222, or Leora Fields at (619) 939-2018.

CHINA LAKE

Joyce Hayes, Code 725100D

Joyce is recovering from surgery on her wrist.

Dianne Murray, Code 240000D,

Dianne is caring for her husband, who had quadruple bypass surgery.

Lorree Bosworth, Code 4J4000D

Lorree is recovering from back problems.

Cynthia Wilson, Code 723100D

Cynthia has gastrointestinal problems.

Dave Green, Code 455310D

Dave is currently being treated for complications of ulcerative colitis.

Norman Wheeler, Code 331000D

Norman is recuperating from an extended hospital stay.

Sandee Roberts, Code 7GB000D

Sandee has pregnancy complications.

Tina Liszka, Code 413100D

Tina has a medical problem.

Doug Mendez, Code 824210D

Doug was injured in a vehicle accident and has a broken back.

Sandy Watson, Code 335000D

Sandy is caring for her husband, who is waiting for a kidney and pancreas transplant.

Leslie Folden, Code 826400D

Leslie is currently under a physician's care for a chronic condition.

Judy Post, Code 761100D

Judy is having surgery to repair a ruptured disk in her neck.

Jeanie Salyer, Code 734000D

Jeanie is undergoing peritoneal dialysis while awaiting a kidney transplant.

Holly Bishop, Code 523100D

Holly is caring for her father, who has cancer.

POINT MUGU

Anita Retome, Code 453300E

Anita is caring for her daughter, who needs medical attention.

Sally Rodriguez, Code 56CD00E

Sally is under a doctor's care due to complications from a herniated disk.

Marion O'Brian, 4KL500E

Marion's daughter is undergoing a lung transplant.

Norma Levin, Code 831200E

Norm is under a doctor's care.

Theron (LeRoy) Merrel, Code 834210E

Theron is recovering from back surgery.

James Glendening, Code 524420E

James underwent a four-vessel coronary artery bypass operation and will be recuperating for 3 months.

Sandra Lyle, Family Service Center,

CBC, Port Hueneme

Sandra is undergoing major surgery.

Daniel Ray Russell, Code 8354003

Daniel has State 3 small-cell lymphoma (cancer) and is undergoing chemotherapy at UCLA.

Mikki McCully, Code 454930E

Mikki is recovering from major surgery.

Robert McGlew, Code 834210E

Robert is recovering from complications following back surgery.

Juanita Faye Blunt, Code 529110E

Juanita has been diagnosed with lymphoma.

Raymond Lawrence, Code 833710E

Raymond is recovering from bypass surgery.

procedures. This is a Level III DON Acquisition Position in the Systems Engineering Acquisition Career Field. Incumbent must be able to obtain and maintain a Top Secret clearance. Promotion potential: DP-4.

Note 1, 2, 3, and 4 apply.

No. 41-005-RF6, Multidisciplinary (Supervisory General Engineer/ Physicist/ Operations Research Analyst/Mathematician/Computer Scientist), DP-801/1310/1515/1520/1550-4, Systems Engineering Department, Carrier Based Tactical Aircraft Division, F/A-18 IPT, Code 411100D—Area of Consideration: DON Wide. Opening Date: 8-23-96. Closing Date: 9-23-96. Selecting Official: Darrell Maxwell, (619) 939-9860. HRD Contact: Robert Fitzpatrick, (619) 939-8117. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: As the F/A-18 WSSA (Weapon System Support Activity) chief engineer, this position is responsible for all aspects of assigned life-cycle technical support for F/A-18 aircraft weapon system. The position receives programmatic direction from and is directly accountable to the F/A-18 WSSA IPT Leader for cost, schedule, and performance requirements associated with F/A-18 A/B, C/D, and E/F model aircraft. IPT post-deployment support products include new system capabilities (e.g., major upgrades), fire control/targeting system upgrades, integration of electronic warfare systems as well as coordination with common avionics, trainers, and ground support engineering activities. Duties include serving as the F/A-18 lead at the Naval Air Warfare Center Weapons Division; planning, controlling, evaluating, and coordinating the technical efforts of diverse functional task teams, multidisciplinary product teams, and systems integration teams needed to satisfy customer requirements; developing plans and schedules with defined milestones and metrics for assigned F/A-18 tasks; cost, schedule, and performance monitoring and tracking corrective actions as needed; and exercising direct supervision of systems engineering branch personnel assigned to the F/A-18 IPT. Quality-Ranking Factors: (1) Skill in engineering management of complex naval aircraft/weapons integration projects; (2) Skill in the management of research and development and test and evaluation programs and/or activities associated with naval aircraft; (3) Ability to organize, manage, and lead integrated product teams; (4) Ability to identify, present, defend, and manage the resources necessary to support the broad range of WSSA life-cycle support functions for the F/A-18 weapon system; (5) Knowledge of affirmative action principles, including a willingness to implement EEO practices; (6) Ability to manage a diverse team of senior experience technical professional personnel; and (7) Ability to meet DOD/DON acquisition management policy, objectives, processes, and procedures. Position is at the full-promotion potential DP-4. Incumbent must be able to obtain and maintain a Top Secret clearance.

Notes 2, 3, and 4 apply.

No. 474-017-RP6, Supervisory Research Chemist, DP-1320-3/4, Materials Characterization Section, Chemistry and Materials Branch, Research and Technology Division, Weapons/Targets Department, Code 474230—Area of Consideration: DON wide. Opening Date: 8-22-96. Closing Date: 9-23-96. Selecting Official: Robin Nissan, (619) 939-1602. HRD Contact: Robert Peoples, (619) 939-8120. Change of Duty Station Authorized: No. Summary of Duties: The incumbent will perform as Head of the Materials Characterization Section. Duties will include supervision of 15 to 20 scientists, engineers, and technicians. Work performed by

FEDERAL EMPLOYMENT INFORMATION SYSTEMS (FEIS)
FEDERAL JOB OPPORTUNITY LISTINGS (FJOL)

Occupational Title: Operations Research Analyst, OPM Control Number: AN0234, Agency Announcement Number: AN-6-0234, Series: GS-1515A, Grades: 09-11 Opening Date: 8-25-96. Closing Date: 9-12-96. Position Vacancy: Department of the Navy—China Lake, California. Summary of Duties: This position is assigned to Commander, Operational Test and Evaluation Force (COMOPTEVFOR), Norfolk, VA and is located at the Air Test and Evaluation Squadron Nine (AIRTEVRON NINE), China Lake, California. The incumbent will provide (1) consultative services to Operational Test Directors (OTDs) on projects requiring analytical studies using scientific methods, design analysis, and reporting requirements of operational testing and (2) advice and guidance on the selection, acquisition and application of computer simulations which are used in support of operational test and evaluation (OT&E). The incumbent will also perform operational or developmental test data collection—specifically survivability, reliability, maintainability and availability data—and participate in analytical studies of operational test data using methods involving statistics, operations research, or reliability. Qualifications: This position requires a degree with at least 24-semester hours in college level mathematics or statistics with at least 3 hours in calculus. Quality Ranking Factors: (1) Knowledge and expertise with AH-1W programs, including AH-1W Night Targeting System, the Communications/Navigation Upgrade, the most current AH-1W Operational Flight Program and the Electronic Warfare suite; (2) skill with AH-1W weapons systems including Hellfire, Sidewinder, Sidearm, etc. and the current and potential threats to the AH-1W, which include AAA, SAMs, man-portable air defenses (MANPADS), threat tactics, and limitations; and (3) knowledge of statistical methodology, operations research techniques, and reliability analysis principles.

Occupational Title: Operations Research Analyst, OPM Control Number: AN0236, Agency Announcement Number: AN-6-0236, Series: GS-1515A, Grades: 09-11 Opening Date: 8-25-96. Closing Date: 9-12-96. Position Vacancy: Department of the Navy—Point Mugu, California. Summary of Duties: This position is assigned to Commander, Operational Test and Evaluation Force (COMOPTEVFOR), Norfolk, VA and is located at the Air Test and Evaluation Squadron Nine (AIRTEVRON NINE), China Lake, California. The incumbent will provide (1) consultative services to Operational Test Directors (OTDs) on projects requiring analytical studies using scientific methods, design analysis, and reporting requirements of operational testing and (2) advice and guidance on the selection, acquisition and application of computer simulations which are used in support of operational test and evaluation (OT&E). The incumbent will also perform operational or developmental test data collection—specifically survivability, reliability, maintainability and availability data—and participate in analytical studies of operational test data using methods involving statistics, operations research, or reliability. Qualifications: This position requires a degree with at least 24-semester hours in college level mathematics or statistics with at least 3 hours in calculus. Quality Ranking Factors: (1) Knowledge and expertise in the following area: F-14 software development process, AWG-9/ APG-71 radar modes, AWG-9/APG-71 ECCM modes, AIM-7, AIM-9, AIM-54, and AIM-120 air-to-air missiles; (2) skill in the programming, verification, validation, and accreditation of computer simulations of complex systems, primarily aircraft and weapons systems; and (3) knowledge of statistical methodology, operations research techniques, and reliability analysis principles.

APPLICATION PROCEDURES

To request application packages via computer and modem, dial 912-757-3100. To request an extension on the filing deadline via computer and modem, dial 912-757-3100. For forms and additional information, contact:

U.S. Office of Personnel Mgt
Norfolk Service Center
Federal Building
200 Granby Street
Norfolk, VA 23510-1886
(757) 441-3355

Career America Connection
(757) 441-3355

the section includes maintaining a state-of-the-art awareness of materials applications and analysis as these disciplines apply to ONR, NAVAIR, and NAWCWPNS programs. This will require developing active dialogues with on and off-Center program sponsors and potential sponsors. Quality-Ranking Factors: (1) Knowledge of materials properties; (2) Knowledge of chemical analysis of materials used in Navy weapons and other programs; (3) Ability to apply materials characterization and analytical

chemistry concepts to basic and applied research, development, test and evaluation, manufacturing technology, acquisition, and in-service engineering of weapons and aircraft systems; (4) Knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) Ability to manage a diverse team of senior experienced technical professional personnel, and (6) Ability to meet DOD/DON acquisition management policy objectives, processes, and procedures. This is a Level III DON

CIVILIAN PERSONNEL DIVISION NEWS

APPLICATION PROCEDURES

Applications must be received at the Human Resources Department (HRD) Reception Desk, at any site, no later than 5:00 p.m. on the closing date of the announcement. Applications must be submitted for each vacancy. LATE APPLICATIONS WILL NOT BE ACCEPTED UNLESS ON APPROVED LEAVE, TDY, ETC., THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. Please make a copy of your application for your own retention before you submit it. (Only applications with original signature and date will be accepted.)

Submit a copy of your latest narrative performance assessment/appraisal of record with any application filed against a vacancy announcement. If the assessment/appraisal does not clearly state the tasks/duties performed, attach a copy of your performance plan.

A supplemental narrative addressing your qualifications to each quality-ranking factor (QRF) is highly recommended. This information will be used to identify highly qualified candidates to be referred for selection. Additional information will not be accepted after the closing date of the announcement.

When multiple-grade levels are advertised, applicants will only be rated for the lowest grade level indicated on their application that will be acceptable and higher grade levels for which they qualify.

Applicants may review the X-118 Qualification Standards at the China Lake Technical Library; at the Point Mugu Directorate/Department Resources Offices; or at any NAWCWPNS Human Resources Department Office.

AREA OF CONSIDERATION INFORMATION

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

NOTES

1. If selection is made below the full-performance level, the selectee may be promoted to the next higher level(s) without further competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines the incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. **PROMOTION IS NOT GUARANTEED.**

2. First-time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position.

3. **Drug Testing Designated Position.** An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a DOD testing designated position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP. Further, all DON employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current DON employee will also be provided to the employing activity/command.

4. This is a DAWIA (Defense Acquisition Workforce Improvement Act) Designated Position. P.L. 101-510 requires that all applications for DAWIA designated positions which are advertised be evaluated utilizing a quality ranking factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants wishing more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields may contact the DAWIA representative within their Competency.

NOTE: Applicants selected for Critical Acquisition Positions will be required to sign a Tenure Agreement to remain in that position for at least a three-year period.

5. **Merit Promotion Positions for Point Mugu Site Vacancies.** Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcement.

GENERAL INFORMATION

The Naval Air Warfare Center Weapons Division is an equal opportunity employer. Selection will be made on a fully equal basis without discrimination. Selection will not be made on non-merit reasons such as race, color, religion, sex, national origin, age, politics, marital status, physical handicap, or membership or non-membership in an employee organization.

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP).

Incumbent must hold or be able to obtain the appropriate security clearance.

As of 1 August 1992, mandatory direct deposit/electronic funds transfer (DD/EFT) became the standard payment within DOD for pay of certain civilian personnel. Newly hired civilian personnel and employees (not currently enrolled) who are selected for competitive promotion, reassignment, transfer, etc., will be required to enroll in DD/EFT within 60 days. An asterisk (*) preceding an announcement number indicates a modification has been made to the vacancy advertisement; please note indicated changes.

MERIT PROMOTION

DON WIDE

No. 473-005-RP6, Supervisory Interdisciplinary (Mechanical/Aerospace Engineer), DP-830/861-3/4, Aeromechanics & Thermal Analysis Section, Airframe Branch, Airframe, Ordnance, and Propulsion Division, Weapon/Target Department, Code 473110D—Area of Consideration: DON wide. **Opening Date:** 9-5-96. **Closing Date:** 10-4-96. **Selecting Official:** William Sutherland, (619) 939-6564. **HRD Contact:** Julie Rodriguez, (619) 939-2693. **Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head of the Aeromechanics & Thermal Analysis Section and will be responsible for the

supervision of approximately 20 engineers and scientists conducting design, analysis, and testing of missile and aircraft airframes and components. Work performed by the section includes the use of advanced theoretical prediction code to evaluate aerodynamics, stability and control, store separation, heat transfer, aerothermodynamics, charring, and ablation. Performance predictions are generated for existing and advanced designs to determine if specified performance requirements are met. Engineers plan and conduct wind tunnel tests and analyze data to access flight quality and separation characteristics. The section maintains NAWCWPNS expertise for calculating store separation trajectories for both external and internal release. The section also conducts analysis and test to evaluate high angle-of-attack performance for missiles, and maintains NAWCWPNS expertise for the use and

development of computational fluid dynamics CFD codes. Support is provided to the NAWCWPNS aircraft configuration Control Board (ACCB) for aerodynamic evaluation and flight clearance approval for weapons integration and aircraft modifications. Aerodynamic support is provided to the Air Vehicle Competency (4.3) and IPTs for weapons, stores, and aircraft integration. **Quality Ranking Factors:** (1) Knowledge of the design, analysis, and testing of missiles, aircraft airframes, and components in the area of thermal analysis and aerodynamics; (2) Ability to manage a diverse team of senior experienced technical professional personnel; (3) Ability to deal with all levels of technical management; (4) Knowledge of affirmative action principles, including a willingness to implement EEO practices; and (5) Ability to meet DOD/DON acquisition management policy objectives, processes, and

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

Enrollments are accepted via On-Board Training Requests (NAWCWPNS 12410/2), call-ins, and QuickMail; however, check individual announcements for enrollment procedures.

ECM ENVIRONMENTS (32 hrs.)

9-12 September; Monday-Thursday, Training Center, Bldg. 366, Room 101A/B, Point Mugu. By: Evolving Technology Institute (Stan Hall)

This electronic countermeasures (ECM) course is aimed at engineers and other personnel requiring a greater in-depth understanding of the ECM systems for the disruption of hostile air defense threat radars. The specific objective of the course is to expand the student's understanding of the application of active electronic warfare (EW) tactics as the means to prevent or reduce the enemy's effective use of the electromagnetic spectrum. The specific-learning objectives of the course are to (1) expand on basic techniques and present advanced EW concept; (2) develop skills in analyzing and applying methods of EMC techniques and understanding methods by which countermeasures effectiveness is effectively estimated; and (3) demonstrate the use of personal computers as an effective analysis tool. This course describes the attributes of modern radar systems and the means for the selection, generation, and transmission of the appropriate jamming waveform. The radar segment of the course begins by categorizing the radar types and outlining the radar waveforms that can be analyzed, in an unclassified manner, to provide type classification and identification, passive location, and operating mode as the key to threat intention. Search and acquisition radars, track radars, and missile radars are considered. While major emphasis is given to the countermeasure techniques and waveform generation, consideration is also given to passive EW issues including probability of intercept, direction finding, and target location estimating methods. Additionally, the role of reduced radar observability for platform survivability is considered. Quantitative examples are present to both illustrate ECM concepts and show the added efficiency now available by the use of computer-aided analysis and simulations

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call 989-3982 (DSN 351-3982).

LAN TROUBLESHOOTING (32 hrs.)

9-12 September; Monday-Thursday, 0800-1600; Training Center, Computer Room 113 (IBM), China Lake. By: American Institute

This course features today's latest troubleshooting tools and will help you understand the common hardware problems as you install a live LAN in class; isolate potential network problems by establishing a systematic troubleshooting routing; develop proven procedures for making moves, adds, and changes without bringing down your network; and implement a proactive maintenance program to help eliminate downtime. Topics include LAN Technology Audit, Demystifying the OSI Model in Token Ring, and Ethernet Implementations, Knowing Your Media Options, Exploiting the Power of Protocol Analyzers, Employing Bridges

and Routers To Enhance Network Performance, More Crucial Hardware Issues, Optimal Network Management, and Practical Troubleshooting Methodologies. This course will provide lectures, lab sessions, and lab demonstrations.

To enroll or ask questions, call Pat Oliver at 939-2468 (DSN 437-2468).

INTEGRATED LOGISTICS SUPPORT (4 hrs.)

(Note: This course has been rescheduled as follows:

24 September; Tuesday, 0800-1200; Bldg. 366, Room 104A, Point Mugu.

24 October; Thursday, 0730-1130; Training Center, China Lake.

By: Al Bucharelli

Note: This is a required course for SEDP enrollees.

Emphasis will be placed on what program managers need to know about integrated logistics support. Students will be provided with an overview of logistics support analysis (LSA) and other related logistics documentation. This course will include discussion of the ILS concepts and objectives of a program related to operational/supportability. Approaches that program managers can take to apply the ILS/LSA requirements to an acquisition program and tailoring of these requirements to meet program complexity will be covered. Also included will be an explanation of the relationship between and ILS/LSA and other associated and acquisition discipline, and a brief synopsis of CALS as it relates to ILS.

To enroll at Point Mugu, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call (805) 989-3982 (DSN 351-3982).

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call 939-2359 (DSN 437-2359).

FILEMAKER PRO 2.1 FOR MACINTOSH, INTRODUCTION (16 hrs.)

11-12 September; Wednesday-Thursday, 0800-1600; Training Center, China Lake.

Prerequisite: Ability to use a Macintosh computer.

This class is designed for people with little or no experience using the Filemaker Pro 2.1 for Macintosh program.

To enroll, contact Annette Hernandez via QuickMail with name, code, social security number, and phone number. For further information, call 939-0870 (DSN 437-0870).

RELEARNING OPTIMISM: VICTIM OR VICTOR (3 hrs.)

12 September; Thursday 0900-1200; Training Center, Point Mugu. By: Dr. Terry Paulson

In an entertaining but practical way, Terry Paulson will take you on an engaging journey to relearn optimism in the face of ever-increasing personal and organization challenges. You will be able to help yourself, your family, and your colleagues turn feelings of helplessness and low morale

CAREER TRANSITION AND RESOURCE CENTERS

The Career Transition and Resource Center (CTRC) at Point Mugu has recently reopened, and business is brisk. The Center is located in Building 366 and is open from 0700 to 1700. Besides learning resources such as software tutorials, video/audio tapes, and books, the CTRC houses the latest in job search and career transition information including SF-171/OF 612/Federal Resume software and a state-of-the-art federal job information bulletin boards. Visit the Center soon and take advantage of the many career-planning tools it has to offer.

A similar CTRC is located in the Training Center at China Lake and is a duplicate of the CTRC at Point Mugu. For additional information on career transition resources at China Lake, call Dorothy Wiederhold at 939-2359 or at Point Mugu, Mary Glasmann at 989-3982.

CSUB FALL COURSES

The following courses are being offered at China Lake this fall for the California State University, Bakersfield (CSUB) bachelor's degree program in business administration and master's degree program in administration. To obtain course descriptions, tuition support/cost information, and registration forms for these courses, come to Room 105 of the Training Center between 0830 and 1130 and 1230 and 1500. DOD civil service employees should state the following on the top of their registration form: DOD civil service. Employees taking a course for which the Government pays the tuition must sign a statement at the time of registration promising to reimburse the Government if a satisfactory grade (i.e., "C or better") is not obtained. Each course is five quarter units.

Core Courses

TBA370: Legal Environment of Domestic and International Business
9 September-25 November, Mondays, 1610-2110 (note change in day and dates)

ADM570: R&D Management: Technological Implications for Society
11 September-13 November, Wednesdays, 1610-2110

Elective Course

PSYCH577: Special Topic: Dynamics of Change: Individuals, Groups & Organizations
3 September-19 November, Tuesdays, 1610-2110

For information on these programs, contact Cecil Webb at 939-0878.

Ada 95 (24 hrs.)

16-18 September; Monday-Wednesday, 0800-1600; Training Center (PC Lab), China Lake. By: Fastrak Training, Inc.

Prerequisites: Experience in developing programs in Ada, or previous training in the introductory and advanced topics in Ada 82.

Intended Audience: Software designers/developer experienced with Ada 83 who want to take advantage of the enhanced software engineering features available in Ada 95

Experienced Ada developers will gain a solid foundation in the Ada 95 language features that support object-oriented programming, shared data access, task synchronization, and hierarchical library unit development. This hands-on course provides experienced Ada 83 programmers with a practical look at the unique challenges of programming in Ada 95. Topics will include Introduction, An Overview of Ada 95, Ada 83 to Ada 95: Upward Compatibility, Object-Oriented Programming, Protected Types, Task

Changes, Hierarchical Library Units, Changes to Access Types, Changes to Generics, Miscellaneous Changes in Language, and Ada 95 Annexes.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Lily Horton, Code 733000E. For further information, call (805) 989-3987 (DSN 351-3987).

DIGITAL CIRCUITRY SYSTEMS (32 hrs.)
16-19 September; Monday-Friday, 0800-1600; Location, TBD Point Mugu. By: Evolving Technology Institute, David D. Lynch, Jr.

Intended Audience: Electronic technicians who are required to repair and maintain modern Navy electronic weapons systems.

Prerequisites: Completion of a basic course in digital electronics or the equivalent work experience.

Troubleshooting modern naval electronic equipment often appears to be a highly complex task. This course lays the foundation for technicians to first understand the basics of digital systems; how to approach and accurately troubleshoot any digital electronic systems, from the simplest to the most complex. The procedures developed in the course will not only correct system defects, but the methodical approach developed will save time and cost in electronic maintenance. Topics include, but are not limited to, introduction to digital techniques, review of troubleshooting and repair tools, sequential logic circuits, input/output circuits, and system-level analysis and troubleshooting, with lab/workshop sessions in between each topic. Students will learn to isolate and replace defective components and verify system operation.

To enroll submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call (805) 989-3982 (DSN 351-3982).

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

17, 18, 24, 25 September; Tuesday and Wednesday, 0800-1600; Training Center, Room 101, Point Mugu.

This is a mandatory course for new supervisors, which covers various topics dealing with human resources.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Marcy Acosta, Code 733000E. For further information, call 989-3992 (DSN 351-3992).

WORD 6.0 FOR MACINTOSH, ADVANCED (16 hrs.)

17-18 September; Tuesday-Wednesday, 0800-1600; Training Center, China Lake.

Prerequisite: Experience using Word 6.0 for Macintosh.

This class is designed for experienced Word 6.0 users who want to improve their skills.

To enroll, contact Annette Hernandez via QuickMail with name, code, social security number, and phone number. For further information, call 939-0870 (DSN 437-0870).

RETIREMENT PLANNING FOR YOUNGER EMPLOYEES (8 hrs.)

18 September; Wednesday, 0800-1630; Training Center, Room 100, Point Mugu. By: Labor/Employee Relations Team, Code 731000E

This seminar consists of several lectures that discuss the facts affecting retirement, such as those relating to Civil Service Retirement Systems (CSRS) and Federal Employees Retirement System (FERS), Thrift Saving Plan, health insurance, life insurance, social security, income tax and financial planning, estates, trusts, and wills. This course includes pertinent topics from the Preretirement Seminar with emphasis on what to look for in planning for your retirement. This course is recommended for employees beyond 2 years of employment and those within more than 5 years of retirement.

To enroll at Point Mugu, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call (805) 989-3982 (DSN 351-3982).

NAVY SYSTEMS ACQUISITION (32 hrs.)
23-26 September; Monday-Thursday, 0800-1600; Training Center, China Lake. By: Systems Management and Development Corporation (Bruce Shelton)

Note: This is a required course for SEDP enrollees.

Note: This class fulfills the DAWIA requirement for ACQ 101 for a Level I certification or subsidiary career field certification.

This course was designed to provide the participant with a comprehensive understanding of how the Department of the Navy (DON) conducts systems acquisition. The course introduces the participant to the system acquisition environment in the federal government, the Department of Defense (DOD), and DON. Building on that fundamental knowledge, DOD and DON system acquisition policy and procedures are discussed specifically. The course focuses on the unique ways that the DON is organized and conducts systems acquisition. Case studies allow the participant to apply many of the concepts, principles, and procedures described during classroom presentation. The course gives the student the essentials of program definition and planning, acquisition strategy, and funds management including DOD and congressional activities, contracting, cost and schedule monitoring and reporting, and the organizational execution of the program

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call 939-2359 (DSN 437-2359).

INTEGRATED LOGISTICS SUPPORT (4 hrs.)

24 September; Tuesday, 0800-1200; Bldg. 366, Room 104A, Point Mugu.

By: Al Bucharelli

Note: This is a required course for SEDP enrollees.

Emphasis will be placed on what program managers need to know about integrated logistics support. Students will be provided with an overview of logistics

ELECTRONIC WARFARE CLASS OFFERED AT CHINA LAKE

SENSITIVITY ANALYSIS FOR ELECTRONIC WARFARE (EW) RECEIVERS: A PRACTICAL APPROACH (4 hrs.)

18 September; Wednesday, 1300-1700; Training Center, China Lake. By: Richard Smith Hughes, Distinguished Fellow, NAWC.

Description: Virtually all electronic warfare (EW) and antiradiation missile (ARM) receivers require some form of signal thresholding to signal the start of signal processing. This short class is intended as a starting point for the beginner or as a review for those who have been away from the subject for awhile. The class starts with a review of selected noise topics, moves to signal detectors (square law and linear), tangential signal sensitivity (TSS), and finally to signal thresholding sensitivity. Both the gain limited (noise dominated by the postdetection circuitry) and noise limited (noise dominated by the receiver) cases will be projected.

Many examples are given to verify the accuracy of the theory presented. The mathematics is kept to a minimum, so if the mathematics of statistical signal detection is your thing, this class probably isn't for you. However, if you are looking for a practical starting point, this class may well be worth the several hours invested. Copies of all viewgraphs will be handed out, together with the report "Sensitivity Analysis for Electronic Warfare (EW) Receivers: A Practical Approach."

Note: Class size is limited to the first 25 people. To enroll contact Lori McGauley at 939-2545.

OFFICE OF CIVILIAN PERSONNEL MANAGEMENT (OCPM) WESTERN REGION

The following courses are available to all NAWCWPNS employees. For more information, call the San Diego OCPM staff at (619) 532-3880, ext. 430 (DSN 522-3880, ext. 430) or FAX (619) 532-3886.

San Diego, CA

17-18 September

17-19 September

23-26 September

Employee Development for Supervisors

Introduction to Labor Relations

Civilian Personnel Management Field Institute (CPMFI)

FY97 OVERVIEW—AIRCRAFT DESIGN AND DEVELOPMENT COURSE

Date: 21 October-1 November

Location: North Virginia Regional Center, UVA/VPI
2990 Telestar Court
Falls Church, VA

Course Description: This course provides the student with a basis for increased understanding of the many technical disciplines involved in naval aviation's systems and their interactions and integration in achieving effective fleet systems.

Tuition: None

Eligibility: GS-13 and above/LCDR and above

Deadline: Fax completed DD Form 1556 to (703) 604-3995 by 1 October.

For further application information, contact Ms. B. Copey at (703) 604-3359, ext. 7267 or Mrs. J. Garner at (703) 604-3720, ext. 5811.

support analysis (LSA) and other related logistics documentation. This course will include discussion of the ILS concepts and objectives of a program related to operational/supportability. Approaches that program managers can take to apply the ILS/LSA requirements to an acquisition program and tailoring of these requirements to meet program complexity will be covered. Also included will be an explanation of the relationship between and ILS/LSA and other associated and acquisition discipline, and a brief synopsis of CALS as it relates to ILS.

To enroll at Point Mugu, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code

733000E. For further information, call (805) 989-3982 (DSN 351-3982).

EXCEL 4.0 FOR MACINTOSH UPGRADE TO 5.0 (8 hrs.)

25 September; Wednesday, 0800-1600; Training Center, China Lake.

Prerequisite: Ability to use a Macintosh computer.

This class is designed for people familiar with Excel 4.0 for Macintosh who now have the Excel 5.0 version.

To enroll, contact Annette Hernandez via QuickMail with name, code, social security number, and phone number. For further information, call 939-0870 (DSN 437-0870).

RETIREMENT PLANNING FOR YOUNGER EMPLOYEES (8 hrs.)

9 October; Wednesday, 0800-1630; Conference Room, China Lake. By: Labor/Employee Relations Team, Code 731000E

This seminar consists of several lectures that discuss the facts affecting retirement, such as those relating to Civil Service Retirement Systems (CSRS) and Federal Employees Retirement System (FERS), Thrift Saving Plan, health insurance, life insurance, Social Security, income tax and financial planning, estates, trusts, and wills. This course includes pertinent topics from the Pre-Retirement Seminar with emphasis on what to look for in planning for your retirement. This course is recommended for employees beyond 2 years of employment and those within more than 5 years of retirement.

Deadline: 3 October

To enroll at Point Mugu, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call (805) 989-3982 (DSN 351-3982).

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray no later than **3 October**, Code 733000E. For further information, call (619) 939-2349 (DSN 437-2349).

PERSONAL SOFTWARE PROCESS (112 hrs.)

7-11, 16, 23 October; 18-22 November; 4, 11 December; 0800-1700; Training Center, Room 100, Point Mugu. By: Jeff Schwalb, Code 52C000D

Prerequisites: You must know a programming language (do not use this course as an opportunity to learn a new language). You must also have a development environment available that includes a compiler plus Microsoft Word and Excel.

Cost: Tuition fee is \$150 and includes the cost of the textbook and the materials that will be provided throughout both the introductory and advanced portions of the class. You will need to include a job order number on the training request to cover this fee.

The current practice of software engineering is more of a craft than a structured engineering discipline. This course will provide a step-by-step framework that demonstrates the methods of disciplined software engineering. Participants learn by using their own data how effective the methods can be for them and their organizations. The course covers the personal software process (PSP) and quality management methods described in "A Discipline for Software Engineering" by Watts Humphrey. The PSP is a scaled-down version of industrial software processes that are based on quality

SAFETY TRAINING AT POINT MUGU

Point Mugu is offering the following Safety Training courses. All classes will be held at Bldg. 340, Safety Office. To enroll, call 989-7867.

Date	Course Title	Hours
10 September	Safety, New Employee Orientation	0830-0930
11 September	Crane and Rigging Safety	0800-1100
11 September	Material Handling and Forklift	1300-1500
19 September	I. H. Safety	0800-1000
25 September	General Safety (Eye, Hand, and Foot Safety)	0800-1000
25 September	General Safety (Ladder, Powertools, Welding Safety)	1300-1500
26 September	Hazardous Communication Training	0900-1000
3 October	Earthquake Safety	0800-0900 0900-1000
3 October	Hazardous Communication Training	1300-1500
8 October	Safety, New Employee Orientation	0830-0930
9 October	Lockout/Takeout	0800-1000 1300-1500
17 October	Office Safety and Ergonomics	0800-1000 1300-1500
23 October	Back Safety	0800-1000 1300-1500
5 November	Safety, New Employee Orientation	0830-0930
6 November	Hazardous Communication Training	0900-1000

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY97 SEMINARS

NAEI courses are designed for GM-13/Lieutenant Commanders (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and have priority for available billets. Program costs are funded by NAEI. Travel and per-diem expenses of nominees are funded by their organizations. If the course is residential, lodging and meal costs are provided by NAEI. Nominations must be submitted on an NAEI form, which may be obtained from Lori Ryser, Program Coordinator, Code 733000D, China Lake, (619) 939-2686 (DSN 437-2686). **Note:** A DD-1556 is NOT required. Nominations must be submitted to China Lake by the deadline dates listed below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO 733000D
Capitol Hill Workshop	2-5 December 96 3-6 March 97 9-12 June 97	19 September 96 12 December 96 24 March 97
Contemporary Management Issues and Practices	10-21 February 97 18-29 August 97	22 November 96 29 May 97
The Washington Arena	24-28 February 97 23-27 June 97	6 December 96 3 April 97
The Politics of National Security	9-14 February 97 24-29 August 97	22 November 96 6 June 97

management principles and is designed to be used by an individual software engineer. **Deadline:** 23 September

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further

information on course content and outline, call Jeff Schwalb at (619) 939-6226 (DSN 437-6226).

The NAWCWPNS Announcements and Human Resources Department Information are published by the PAO on the Thursday before payday. Copies of the insert are provided to the Albuquerque and White Sands sites. Personnel at China Lake, Albuquerque, and White Sands may send items for the Announcements to Code 750000D, Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796) or via QuickMail (CL NAWC WIDE NS name server in the CL MAINSITE zone). Personnel at Point Mugu may send items for the Announcements Section to Code 750000E, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-1785). Items included in the Human Resources Department Information Section are provided by the Civilian Personnel Division, Employee Development Division of the Human Resources Department. The deadline for all submissions is Wednesday at 1700, 8 working days prior to the alternate Thursday publication date. **Note:** All inputs MUST include the sponsor's code and phone number. Any questions or issues pertaining to this insert may be addressed to Ron Rogers at 989-3997 (DSN 351-3997), FAX 989-9846 (DSN 351-9846).