

Volunteers sought for High Desert Child Abuse Prevention Helpline

Volunteers are needed by the High Desert Child Abuse Prevention Council (HDCAPC) to serve on its 24-hour Helpline. This volunteer position consists of staying near the home phone during shifts chosen by the volunteer. Training is provided and calls are handled through an answering service, so a private home number is never distributed.

The next training for new volunteers will be held Tuesday and Thursday, August 18 and 20, from 7 to 9 p.m. and Saturday, August 22, from 8 a.m. to 12:30 p.m. Monthly training meetings are mandatory for all Helpline volunteers and are held the fourth Wednesday of the month from 6:30 to 8 p.m. Training is held at the Desert Counseling Clinic, 814 N. Norma Street.

The HDCAPC Helpline is a local service providing information and referrals, parental and family support and the anonymous reporting of suspected child abuse and neglect. The Helpline has been in existence for over 10 years and, with the help of caring volunteers, assisted many individuals and families during stressful and confusing times of life. Stressful situations are common to all individuals and sometimes just have someone to talk to can really make a difference.

For a Helpline volunteer application or more information, call Kim at 446-4645 or Bonnie at 375-9781.

Cerro Coso fall registration continues; classes scheduled to begin on August 17

Cerro Coso Community College's fall 1992 semester begins August 17. Registration is now being conducted by telephone. Simply call the Coyote Connection at 371-9601 with a touch-tone phone Mondays through Thursdays from 8:30 a.m. to 9 p.m. Registration continues through August 14.

On campus walk-in registration is set for August 11-13. Appointments are not necessary.

Late registration will be by phone during the first week of classes, August 17-21.

All students must complete a Student Update Form before registering.

For a complete list of courses being offered, drop by the China Lake Training Center or the college and pick up a Fall 1992 course schedule.

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COMMUNITY EVENTS

WHAT'S HAPPENING

An upcoming segment of the PBS program "California's Gold," produced and hosted by Huell Howser, will feature the history of Old Kernville on KCET-TV Los Angeles Saturday, August 8, at 6 p.m.

An exhibit in the Sylvia Winslow Exhibition Gallery of the Maturango Museum beginning August 8 will be a collection of altered SX-70 Polaroid photographs developed by artist Glenn McKay. The exhibit is entitled "Transposing Reality." His artwork will be shown through Sept. 9.

Homemade ice cream, pies, cakes and beverages will highlight the ice cream social set for Wednesday, August 12, in the social hall of the Ridgecrest United Methodist Church, 639 N. Norma St. Entertainment will be provided by Judy Auger and Marilyn Danley, bilingual vocalists and musicians. The fun begins at 6 p.m.

Come to the Maturango Museum's lecture at City Council Chambers at 7:30 p.m. on August 12 and hear the story of Loren Lee Upton and Patricia Mercier, who threw out the alarm clocks, calendars and ties that bind us to everyday life. The pair circled the globe from 1984-1989 and ended up in the Guinness Book of World Records for being in the first all-land vehicle to cross the Darien Gap.

The China Lake Players will present their summer production of "Agnes of God" at the Old County Building at 230 West Ridgecrest Blvd., on August 14, 15, 21, and 22. Tickets will be sold at the door before performances.

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THE ROCKETEER

THURSDAY, AUGUST 6, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 31



Photos by Terry Pascarella

OLD PW GAS STATION was one of the few sites that had contaminated soil or water.

Black barrels reflect NAWS cleanup push

Two different efforts look for contamination

By Barry McDonald
Editor

They sit in some small groups and some large groups in many locations throughout the Naval Air Weapons Station China Lake—black and green 55-gallon barrels sealed with clamp rings. Perhaps most China Lakers know they have to do with environmental investigations and cleanup, but they wonder...

Are they hazardous? And, why do they just sit out there? Why aren't they stored somewhere else?

As they sit, the drums do not pose a hazard. They are specially designed to Department of Transportation specifications to safely contain whatever substances they hold. They are part of two separate environmental programs being conducted on NAWS, funded by the Defense Environmental Restoration Account, or DERA.

The Environmental Project Office's Curt Kronberg, who manages the underground storage tank program, is responsible for about half of the barrels. Under the Resource Conservation and Recovery Act of 1976, the ground and water around leaking tanks had to be sampled for contamination.

The regulations require finding

the vertical and horizontal limits of contamination at each site. This is accomplished by boring at least three test holes at each site and taking samples at various depths. In one case contractors bored 25 test holes.

"The barrels at the tank sites contain those samples," said Kronberg. "Smaller samples from the barrels were sent to various California certified labs for analysis. Regulations require that the barrels stay in place until we get the results of the tests. Now that we have the results from some of the sites, removal of the barrels is being scheduled."

Kronberg says the contents of the barrels in his project are not hazardous. The soil in some of the containers have small amounts of diesel or gasoline contamination.

The soil contained in most of the barrels at various tank sites, whether slightly contaminated or not, will be used as road base. Drums containing higher concentrations of gasoline have been removed from the Station for disposal, he explained.

Some samples taken from around the tanks at the the Navy Exchange, old Public Works and China Lake Propulsion Laboratory (CLPL) gasoline stations, however, were fairly heavily contaminated with unleaded gasoline. The Environmental Project

Please see **BARRELS**, Page 8

Bien earns Superior Civilian Service Award

By Steve Boster
Managing Editor

Eva Bien's innovative and forward-looking management style helped her become one of the few women in China Lake history to win the Navy Superior Civilian Service Award.

The director of civilian personnel man-

agement for the Naval Air Warfare Center Weapons Division, Bien was credited with career-long significant accomplishments throughout the federal sector by VAdm. W.C. Bowes, Commander, Naval Air Systems Command, when he approved the award.

Nominated by Capt. Douglas W. Cook, NAWCWPNS Vice Commander, and

endorsed by RAdm. G.H. Strohsahl, NAWC Commander, Bien was honored for more than 30 years of contributions.

RAdm. W.E. Newman, Commander, NAWCWPNS, made the presentation at a division management retreat earlier this summer.

In his nomination letter, Capt. Cook

Please see **BIEN**, Page 9



Eva Bien

"Straight Talk" by RAdm. Strohsahl

New column will be featured bi-monthly

2

Father Tom is new command chaplain

LCdr. Mele wants to continue warm, inviting atmosphere

4

Self-Help Office offers new services

China Lakers can now change their own light bulbs!

12

The Weather Report

	Max.	Min.	Gusts	Humidity
Wed	114	68	18	19-11%
Thurs	110	68	15	33-11%
Fri	110	71	12	23-12%
Sat	112	71	11	-
Sun	112	71	21	-
Mon	113	74	23	27-11%
Tues	109	78	20	18-11%



COMMENTARY

China Lake Calendar

Tuesday, August 11

• Army vet visits, 10 a.m. to 3 p.m., for appointment, call 939-3252.

Saturday, August 15

• Indoor Volleyball Tournament, Seafarer Club, Noon.

Monday-Thursday, August 17-20

• Standard First Aid, CPR classes, 7:30 a.m. to 4:30 p.m., Safety Office Training Room.

Wednesday, August 19

• Lounge Triathlon, CPO Lounge, Seafarer Club, 4 p.m.

Saturday, August 29

• 'Burn Your Own' Night, Seafarer Club, 6 p.m.

Monday-Wednesday, Sept. 14-16

• Soldering Inspection Course, 7:30 a.m. to 4:30 p.m., 543 Graaf Street.

THE ROCKETEER

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Deadline for receiving stories and photos is 4 p.m., Friday for publication on the following Thursday.

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Straight Talk

By RAdm. George Strohsahl
Commander, NAWC



(Editor's note: The following article is the first in a series of personal messages from RAdm. George Strohsahl, Commander, Naval Air Warfare Center, to the 25,000 employees of the NAWC. Subsequent "Straight Talk" articles will appear in future issues of The Rocketeer.)

I want to take this opportunity to personally thank all of you, the 25,000 employees of the Naval Air Warfare Center, for your hard work and spirit of cooperation that has allowed the standup of this command with the minimal disruption to business. After six months of existence, I can proudly report to you that the NAWC reorganization has progressed exactly on schedule and that we are setting the standard in the Navy for adopting to a new way of doing business. While much difficult work remains to further streamline our organization and change many of our traditional processes, the start has been remarkable. It is a direct result of your teamwork and cooperation; forging new working relationships with employees at other geographic sites; and your willingness to accept change if it results in a better product to the customer.

I don't need to remind you of the fact that the Defense budget and the Navy budget are going down. We're coming down to a much smaller Navy than we have known over the last few years. Exactly how small that Navy will be is simply not known, but the next Administration and the new Congress will probably make that clear to us in a year or so. As the number of ships, aircraft, and sailors are reduced it is obvious that the supporting Naval Shore Establishment must also be reduced in size. The Base Closure process for next year has already started with preliminary data gathering. After the November elections, this process will swing into full force to come up with the next list of closures to submit to Congress. While no place is sacrosanct from consideration, it is my personal opinion that the closures approved last year which affect NAWC activities should protect us from serious considering in this next round of closures. The results of our recent downsizing study show pretty clearly that closure of any additional NAWC sites beyond those already approved for closure would have a very serious impact on the technical support for Naval Aviation as well as other customers. As the Base Closure process gets started, I just want all of you to know that the Navy is determined to retain its vital technical functions. I'm confident that the data will show that our present plan is the optimal one. I ask for your support in controlling rumors which tend to start when the first data calls hit the street. I'll keep you all informed of any developments that may have a NAWC impact.

My next "Straight Talk" article will deal with the NAWC downsizing plan.

The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Laker who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-4127 or mailed to "CO's Desktop," C/O Code 0033, NAWC, China Lake.

Question

I would like to find out why we can't get two copies of our medical records made at the Medical Clinic for anyone retiring or going out on disability. It is recommended that we have two copies, yet they say we can't have them. Thank you.

Answer

The Branch Medical Clinic provides retiring and separating beneficiaries with one copy of their health record at no cost. Any additional copies can be made by the individual at their expense. The clinic is happy to make additional copies but must charge for this service as directed by Naval Hospital Long Beach and higher authority.

Pages From The Past

August 6, 1982

Former China Laker Al Christman won the Navy Superior Civilian Service Award by Bob Hillyer, former NWC TD and now DNL, for his work on the NWC/NOTS History. . . LCdr. Greg Waddington, former OIC of the Branch Medical Clinic, retired after 26 year on active duty, the last five at China Lake. . . Aileen Fullerton, came back for a visit, 10 years after her retirement with 26 years federal service. . . Al Wiruth briefed officials on three major safety programs underway at NWC.

August 4, 1972

Old Hawthorne duplexes from NWC are being taken off their foundations and trucked to Lone Pine and Bishop for use by area Indians. . . Ray Bloome was the first to use the newly-installed computerized organ at the All-Faith Chapel. . . Michael Giles became one of the few JPs to earn a sustained superior service award. . . Delbert Irons is the new president of the local Fleet Reserve Association chapter. . . Bruce Wertheimer is president of the NWC Credit Union.

August 3, 1962

All three men to serve as NOTS Police Chief, George Sullivan, George Chilson and Robert Groth were united at a recent court hearing. . . LCdr. J.R. Griffin has reported to NOTS China Lake as the new security officer. . . Harry Harnett was honored by NOTS Commander, Capt. Charles Blenman, for 40 years federal service, the last 10 at China Lake. . . "Cec" Wade is a fire protection inspector by day, but given the chance, he becomes a clown, the "Jester of China Lake."

August 6, 1952

Policeman K.B. Dowd and Security Inspector Jack Leslie of NOTS cracked the case of five stolen auto radios in just three days, recovering all of them. . . Sandquist Spa is the site of the annual K of C Corn Roast. . . R.W. Herman, head of TID's photo branch will present a paper at a New York convention. . . Cdr. D. B. Plumb, USNR, is CO of the local Sea Scout unit. . . Dr. Charles W. Tait was named to head the Inorganic Chemistry Branch.

Justice Center finds ways to cut utility costs

The Boulder County Justice Center has looked for energy savings anywhere it can find them during the past 10 years. Taking small steps along the way, the center has watched its energy bills shrink. In 1986, utilities cost the center about \$237,000, but by 1991 the utility bill for the year was \$187,000.

Mark Arney, energy engineer for the county, attributes the savings to three programs implemented in the 125,000-square-foot building: a "smart" energy-management computer monitoring and controlling temperature and air flow in 200 different zones in the building; a series of lighting changes; and a set of motor control devices for the large fans in the building.

The energy-management system was installed back in 1982, but has been upgraded several times since then. "They were nothing more than glorified time clocks. Now they have smart systems that can learn as they go. You can program them to adapt to the weather," Arney said.

The lighting changes in the building involved replacing traditional 150-watt incandescent bulbs with 15-watt compact fluorescents. Changing one set of these bulbs in the building — about 200 bulbs — saves the center about \$9,500 annually.

"I've tried to get rid of almost all the incandescent bulbs in the building," Arney said. No. 3 on the center's

list of conservation programs is the use of small devices known as variable-speed drives. These tools control the speed on fans that move air throughout the building. Traditional air systems move air nonstop, but using these devices makes it possible to move the air only when necessary — usually when an office is extremely hot or cold. They cost about \$3,000 to \$4,000 each.

Installed on eight major fan systems in the building, Arney estimates they save the Justice Center at least \$30,000 a year. For further details, write to Mark Arney, Energy Engineer, Boulder County Justice Center, 3914 Canyon Blvd., Boulder, CO 80303. Phone: (303) 441-3186.

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DORAH MURRIN. Roses are red and violets are blue, but neither I love more than you. Hmm! When are you moving? Harry (0805)

12 CHURCHES

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25 REAL ESTATE

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35 AUTOMOTIVE

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SCHEDULE, from Page 17

the effective acquisition, allocation and utilization of resources - human, financial and material in pursuit of organizational objectives. Deals with the functions of management, including planning, organizing, controlling, direction and staffing of complex organizations, as well as the processes of management, including leadership, decision-making, and communication.

Note: This is a core course for the master's degree program in administration through CSUB.

Math477: Theory of Probability (5 quarter units)

Sept. 22-Dec. 3; Tuesdays and Thursdays, 4:10-5:40 p.m.; Training Center. By Dr. Lee Lucas, 939-5219.

Prerequisite: Math 6C: Calculus III or equivalent, or consent of instructor.

Scope: Topics covered include axiomatic probability, random variables, density and distribution functions, common probability distribution, conditional

probability, and central limit theorem.

Text: To be announced.

Note: This is a foundation course for the Master's degree program in systems engineering through CSUN and for the Master's degree program in computer science through CSUC. This is a required course for the Bachelor's degree program through CSUC.

*Courses not under contract: To enroll in these courses, call Denise at 939-2648 to obtain a registration form. The form must be returned to Code 224/C622, along with a check for \$375 payable to CSU, Bakersfield, at least 10 days prior to the starting date of the course. Enrollments for courses will be on a first-come, first-served basis.

PPA573: Emergency Management (5 quarter units)

Sept. 17-Dec. 3; Thursdays, 4:10-9:10 p.m.; Training Center. By Professor Timothy Brady, CSUB, (805) 664-2157.

Scope: This elective seminar surveys

public and private sector responses to emergencies, disasters, and crises. Private and volunteer agencies and federal, state and local government roles are discussed. Emphasis is on public policy development and interagency/intergovernmental relations. Discussion of emergency management phases mitigation, preparedness, response, and recovery. Consideration of technological and man-made hazards and natural disaster including floods, earthquakes, civil disorder and terrorism.

ECON305: Economic Philosophy and Political Economy (5 quarter units)

Sept. 17-Dec. 3; Thursdays, 4:10-9:10 p.m.; Training Center. By Professor Donald Oswald, CSUB, (805) 664-2460.

Prerequisite: At least junior class standing or permission of instructor.

Scope: A critical examination of philosophical presuppositions that undergird economic thought and sys-

tems. A comparison of the pre-modern and modern world views in their historical context and the economic and political systems entailed by each, including an examination of the major economic paradigms and their proponents (e.g., Smith, Marx, Keynes). Consideration of fundamental contemporary issues included.

Note: This course satisfies General Education Goal X for CSUB bachelor's degree students.

Please Note: Civil service employees at China Lake taking one of these courses and expecting to obtain tuition reimbursement must submit via department channels to Code 224/C622 prior to registration a DD Form 1556 (Off-Center Training Request) with a job order number supplied by their department and an "objective" statement explaining how the course is job related. For more information, call Cecil Webb at 939-0878.

CSUN offers 'IE 405: Engineer Decision/Risk Analysis' in fall lineup

The following is a core course in the Cal State University, Northridge, master's degree program in systems engineering that was not announced in the CSUN's fall schedule. To enroll in the course, please call Denise at 939-2648 at least 10 days prior to the start date.

IE 405: Engineering Decision/Risk Analysis (3 units)

Sept. 16-Dec. 16; Wednesdays, 4:10 to 7:30 p.m.; Training Center. By Dr. Mike Stallard, 939-3241.

Prerequisite: IE304: Engineering Economy and Math 441: Introduction to

Statistical Inference or equivalents or consent of the instructor.

Scope: An introduction to design and project evaluation methods in the context of industrial manufacturing engineering problem situations. Provides an organizing framework for dealing with unstruc-

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Back-to-back ceremonies see Barroga, Williams retire

By Peggy Shoaf
Staff Writer

China Lake and the military lost more than 40 years worth of experience when AT1 Manuel E. Barroga Jr. and AMH1(AW) Dwight R. Williams retired from the United States Navy last Friday. Both men received full military honors during separate ceremonies held at the Seafarer Club.

After completion of boot camp and "A" School almost 20 years ago, Barroga, then in the store keeper rate, pulled tours onboard the *USS Hector* (AR-7) and *USS Guadalupe* (AO-32). After a stint at the Fleet Training Center, San Diego, Barroga was assigned to the pre-commissioning of the *USS Tarawa* (LHA-1). After the ship was commissioned, he went to the Army Logistics Management Center, Fort Lee, Va., and then on to the Defense Property Disposal Holding Activity, Yokosuka, Japan. His last duty in the store keeper rate was onboard the *USS Hoel* (DDG-13).

Completing his training in the electronics rate, Barroga was transferred to the Naval Air Station Cubi Point, Philippines. After completing his tour, he went back to school in Millington and was then assigned onboard the *USS Belleau Wood* (LHA-3). He reported for duty at China Lake in September 1989, where he was assigned to the Aircraft Department as the Precision Measuring Equipment Laboratory supervisor and as a quality assurance representative for Aircraft Intermediate Maintenance (AIMD), Avionics Division.

"During your tour of duty at the Naval Air Weapons Station, you have demonstrated outstanding leadership, dedication and performance," reads the letter of appreciation Barroga received at his retirement ceremony. Signed by Capt. B.J. Craig, NAWS Commanding Officer, the letter continues, "Your

efforts have resulted in establishing a camaraderie among your fellow shipmates. This promotes the team spirit

the electronics or accounting field.

"The Navy's been a good start for me," Barroga said. "It has taught me a

MILITARY NEWS

DUAL FAREWELLS—AT1 Barroga and AMH1 Williams cut their retirement cakes.

essential for maintaining the high standard of quality maintenance that is recognized at the Naval Air Weapons Station."

Barroga plans on taking it easy for awhile at his house in Lancaster with his wife, Aida, and their three children, Airuzz, Jazmin and Jurizz. He then plans to go to college and get a degree in

lot of things and helped me grow from a teenager into a responsible adult."

During his 22-year career, Williams has been stationed with HC-4 Lakehurst, New Jersey, and HSL-30 and HSL-32 Naval Air Station Norfolk, Va. After additional training, he was sent to the Naval Weapons Evaluation Facility at Kirkland Air Force Base, New Mexico

and was later transferred to the *USS Belleau Wood*. Upon completion of that tour, he went to Recruit Training Command, Great Lakes, Ill., and then to VP-11 Naval Air Station Brunswick, Maine. He reported to duty at China Lake in November 1989 and was assigned to the Aircraft Maintenance Division, Intermediate Maintenance Branch as the hydraulic repair workcenter supervisor. In September 1990 he was selected as the production control leading petty officer.

"As a result of your keen insight and outstanding supervisory skills, AIMD has continued to grow and expand its capabilities to support the Aircraft Department, tenant commands and the many detachments onboard this station," Capt. Craig said in a letter of appreciation. "The personal interest you have displayed in caring for AIMD customers is evidenced by the outstanding reputation your branch has earned for 'getting the job done.'"

After leaving the service, Williams plans to go home to Saegertown, PA, and getting his farm set up for draft horses and setting up a hay and sleigh ride business. Williams and his wife, Yolanda, have four children, Lewis, Melanie, Russell and Richard.

Moving is the blessing and curse of military life, Williams feels. "I've enjoyed being able to see the different areas and countries," he said. "I've been able to see things I know most of my friends (back home) will never be able to see. However, you just get settled and start putting down roots and you have to move again, leaving friends behind. While I've enjoyed it, I'm ready to settle down and sink some deep roots."

In the letters, Capt. Craig thanked both men for their contributions to their country's safety and welfare and joined their shipmates in wishing them "smooth sailing, fair winds and following seas."

Recognition**NAWS Quarters**

In July Good Conduct Medals were handed out to AK1 Maximo Escano, AMS1 Fred Fulton, IC1 Darnell Farmer, AMS3 Edward Eaton and AD1 Chris Cook.

A letter of commendation went to AMS3 Armand Monteverde.

Letters of appreciation were given to AO1 Michael Legg, AO1 Kevin Marks, AO2 Avery Greene, AO3 Christopher Rolan and AT3 Sachary Salas.

Reenlistments

SKC Francisco N. Hernandez re-upped for three years July 1. Reenlisting officer was Capt. B.J. Craig, NAWS Commander.

AT1 Larry J. DelRosal reenlisted for six years July 1. Lt. Michelle Williams, AIMD officer, was the reenlisting officer.

AE3 Travis E. Edwards reenlisted July 7 for three years. Cdr. Chip Mills, NAWS XO, officiated.

AMS2 Douglas J. Ford was reenlisted by Lt. Williams for four years on July 17.

AMS2 Donald E. Chapman re-upped for four years July 27. Lt. Michael Mermen was the reenlisting officer.

AT3 Shawn K. Bailey reenlisted for four years July 31. Lt. Williams was the reenlisting officer.

ATC Bill Oberg reenlisted in the Naval Reserve for six years. LCdr. Phillips was the reenlisting officer.

VX-5 Quarters

Letters of commendation were presented to AT1 Russell G.H. Dreher and AZ2 Randel S. Jacobsen.

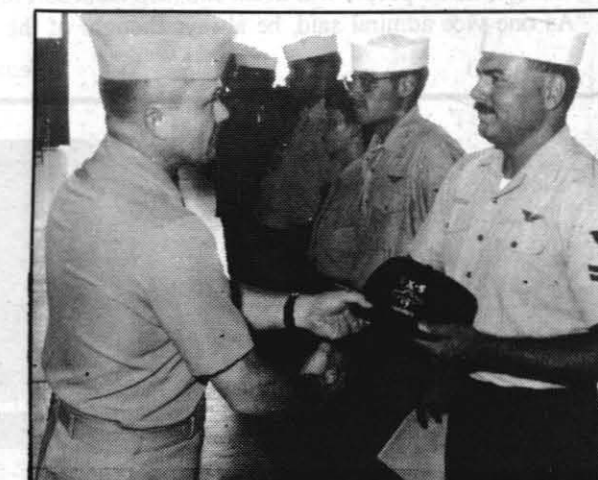
AME3 Chandra A. Keir was named Vampire of the Month for May.

AEAN Brent S. Nicholls was named Plane Captain of the Month for May.

AT3 Anna M. Dewey was designated a plane captain. AE3 Aaron Neal became a third class petty officer.

Reenlistment

AO3 Robert L. Anderson reenlisted for four years June 26. Cdr. A.O. Schnable, VX-5 XO, was the reenlisting officer.



NEW HAT—AMS2 Steven E. Haugh receives first new VX-5 hat bearing the design that earned him a \$75 gift certificate from the Homestead Restaurant.

Photo by PH3 Edward G. Bushey

Capt. John Birkler new leader of Naval Reserve

By ETC Kevin Holm
NRN/NAWS 0176

Captain John L. Birkler III, USNR, took over as Commanding Officer, Naval Reserve Naval Air Weapons Station China Lake 0176 during a change of command ceremony held in front of the China Lake Administration Building on July 11. The new CO relieved Capt. John G. Sullivan, USNR, who has been transferred to the Volunteer Training Unit 0276, Point Mugu.

Captain Birkler was born in Delaware, NJ, in October 1944. He graduated from Roanoke College in Salem, Va., in 1967, receiving a bachelor of science degree in physics. He continued his formal education at the University of South Carolina, where he received a master's of science degree in physics in 1969. He was commissioned a lieutenant junior grade in May 1969.

On active duty, Capt. Birkler served as a repair department division officer aboard the *USS Proteus* (AS-19), responsible for repair and maintenance

of nuclear submarine power plants.

After release from active duty in May 1972, Capt. Birkler affiliated with the Naval Reserve Officer School in March 1973 as an instructor of oceanography and navigation. In August 1975, he transferred to Naval Air Support Unit 204 as an aircraft propulsion engineer. He then performed in the same capacity with Weapons Support Unit 0876 beginning July 1977. He was a project officer with Weapons Support Unit 1476 in October 1980 and with Pacific Missile Test Center 0176 in October 1981.

Captain Birkler served as the executive officer of Naval Air Systems Command 1076 from July 1983 until he was selected to command Naval Air Systems Command 1376 in July 1987. He then reported to the Naval Weapons Center China Lake 1076 as the executive officer in 1990.

During his military career, Capt. Birkler has been awarded the Meritorious Unit Commendation, Navy Commendation Medal, National Defense Service Medal and the Armed Forces



NEW CO—After taking over as the new commanding officer of the Naval Reserve Naval Air Weapons Station China Lake 0176, Capt. John L. Birkler III addresses the troops.

Photo by Glen Risley

Reserve Medal. He is employed by the Rand Corporation, an U.S. policy research corporation in Santa Monica, Calif., as director of acquisition and support policy. Present at the change of command were Capt. Birkler's wife,

Janet, and their two children, John and Megan; and a number of former NWC and other Naval Reserve commanding officers.

Cdr. S.A. Casimano, former command chaplain, gave the benediction.



LCdr. Thomas F. Mele, Command Chaplain

LCdr. Thomas Mele takes charge as new NAWS Command Chaplain

Story and photo by Peggy Shoaf, Staff Writer

As the new command chaplain at the Naval Air Weapons Station China Lake, LCdr. Thomas F. Mele hopes under his command, the All Faith Chapel will continue its reputation of being a warm, friendly and welcoming place to worship—regardless of faith.

I want people to feel the All Faith Chapel is a "home away from home for all of us transplanted Californians," Mele said.

"My job is to help the Commanding Officer, Capt. B.J. Craig, to facilitate the free exercise of religion for all people," Mele said. "It is their Constitutional right."

The fact the NAWS Command Religious Program covers four different faith groups only adds to his dimension as chaplain, Mele noted.

In addition, LCdr. Mele wants all people, whether military, dependent, Department of Defense employees or contractors, to think of the Chaplain Office as a place where they can go, where people will listen and help them sort through their problems.

"As one vice admiral said, he always thought of the Navy's Chaplain Corps as a

Please see **CHAPLAIN**, next page



Chaplain T.F. Mele, LCDR, CHC, USN
Chaplain G. L. Goodman, LT, CHC, USNR
Batsheva Gluckman, Student Rabbi

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Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June) 11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Jewish (375-0385 Messages)

All services held at Temple Beth Torah in the East Wing
Weekly Services, Friday 7:30 p.m.
Adult Hebrew Lessons, Saturday (September thru June) 3:00-5:00 p.m.
Religious Education, Sunday (September thru June) 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May)
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Scripture Classes, Tuesdays (October-January)
St. Ann's Parish Hall 7-8:30 p.m.

Islamic

Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.

TRAINING

CSUN master's degree program in system engineering changes

According to Cecil Webb from the China Lake Training Center, the first cycle of core courses in the master's degree program in systems engineering provided at China Lake through California State University, Northridge (CSUN), has been completed.

As a result of the assessments conducted during the initial offering of the program, revisions are being introduced in order to meet the needs of the students. The number of core courses required is being reduced from eight to six, enabling students to increase the number of elective courses.

In addition, students originally

trained in computer science will be allowed to select up to nine semester units of approved electives to transfer into the CSUN program from the computer science coursework provided at China Lake through CSU, Chico. Thus, computer scientists may now find the systems engineering program more attractive.

The increased level of flexibility resulting from the program revisions should allow students to complete their degree programs more rapidly and should meet the needs of a broader range of China lake personnel, Webb noted.

For more information, call 939-0878.

English Writing Proficiency Test scheduled for Cal-State Northridge students

On Sept. 9 the English Writing Proficiency Test will be given to graduated students of Cal-State Northridge. CSUN students should take the exam as soon as

application for admission has been submitted. This test must be passed before the student is granted classified (unconditional) status as a master's candidate.

Graduate students must attain classified status before earning more than 12 units of academic work acceptable toward the master's degree.

The exam fee is \$20. Checks may be made out to CSUN.

To arrange for the exam, call Denise at 939-2648.

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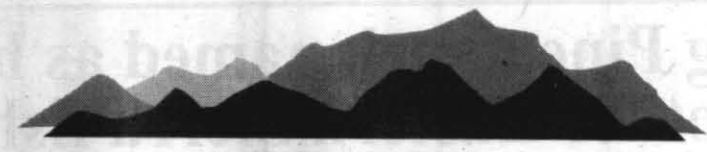
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MWR

Indoor Volleyball tourney planned at Seafarer Club

Due to popular demand, the China Lake Morale, Welfare and Recreation Department is hosting another Indoor Volleyball Tournament. Action begins at noon on Saturday, August 15, in the Seafarer Club Ballroom.

This tournament will consist of full fledge, stand-up, six-man teams, noted Angie Shannon, club manager.

Pre-registration is \$8 per person. Registration on the day of the tournament is \$10 per person. The registration fee includes prizes, food and beverages for the whole team.

"Participants can enjoy an outdoor sport with the comfort of indoor coolness," Shannon said. "Come out and have some fun!"

August 19 triathlon includes darts, pool and shuffle board

Members of the Morale, Welfare and Recreation Division are challenging all China Lakers to take part in the Lounge Triathlon set for August 19 at the Chief Petty Officer Lounge at the Seafarer Club. Two- to three-person teams will compete in darts, pool and shuffle board. The fun starts at 4 p.m.

Entrance fees for people registering through August 17 is \$8 per person, while tournament day registration is \$10 per person. People can register for the triathlon at the CPO Lounge or in the Seafarer Club Office.

For further information, call 939-8658 or 939-3633.

Army vet schedules visit to NAWS

On Tuesday, August 11, the Army vet from Edwards Air Force Base will be at the Naval Air Weapons Station China Lake. From 10 a.m. to 3 p.m. The visiting vet will examine healthy

dogs and cats. This service is only for animals owned by active duty and retired military personnel.

Appointments are mandatory and may be made by calling 939-3252.

'Burn Your Own, BBQ Night' planned

Enjoy the casual atmosphere on the patio of The Seafarer Club and eat under the stars August 29, at 6 p.m. Take part in the club's "Burn Your Own and BBQ Night" celebration!

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CHAPLAIN from Page 4

humanizing factor in a sometimes dehumanizing system," Mele said. "We are here to help people and to remind the people in charge that we are the humanizing feature."

"Father Tom," as he is called by his parishioners, was ordained Oct. 8, 1977, in his hometown, St. Patrick's Church, Walla Walla, Washington.

He joined the United States Ready Reserve in 1982. While in the reserves he was assigned to the First Marine Amphibious Force (Religious) 322 in Spokane, Washington; Naval Education and Training Center, Newport, Rhode Island for training; Marine Corps Air Ground Combat Center, Twentynine Palms, Calif; Amphibious Squadron Eight, Beirut, Lebanon; and Naval Air Station, Barbers Point, Hawaii.

He was recalled to active duty in June 1984, where he served as the senior Catholic Chaplain at the Marine Corps

Base, Camp S.D. Buter, Okinawa, Japan. In October 1986, he transferred to the Naval Air Station, Corpus Christi, Texas. From there, he went to the Naval Support Facility, Diego Garcia, BIOT. While there, he transferred into the regular Navy and was promoted to his present rank in October 1990.

Before coming to China Lake, LCdr. Mele completed his Master of Theology in Christian Education studies through the Naval Postgraduate School, Civilian Institutions Program, Princeton Theological Seminary, Princeton, New Jersey.

Mele noted he had both an intellectual and emotional reason for joining the Navy. "I guess I started thinking about the chaplaincy about 1972-1973, just at the end of the Vietnam War," he said. "There were all kinds of discussions about whether it was morally right for chaplains, the Church, to be involved

with the military. There was very strong anti-military sentiment at the time. My roommate felt priests should not be involved because he felt it condoned military action. I felt that because a good percentage of the military was Catholic, if we as Catholic priests weren't there to administer to the people, if there was a lack of moral leadership and development, there would be nobody to blame but ourselves." Therefore he made his intellectual choice.

He didn't make his emotional choice to join though until 1981, when he was associate pastor in a parish in Spokane, Washington. Within the parish boundaries was the local Navy Marine Corps Reserve Center. "I had become friends with many of the Marines," Mele said. "I heard the CO tell a story of this veteran who had lost both legs in Vietnam. One day the veteran went to the library. Another student opened the doors for

him and asked if he lost his legs in Vietnam. The veteran said yes and the student said it served him right and slammed the door in his face."

"The Vietnam vets were feeling alienated, even from the Church. I felt I had to speak up and let the people in the military know that I, at least, cared for them and valued the sacrifice they had made."

During his China Lake tour, LCdr. Mele hopes to continue the adult education started by LCdr. S.A. Casimano, the previous command chaplain, and to conduct classes covering the bible, morality and basic teachings of the church. With a strong liking for music, he also hopes to build the music programs offered at the All Faith Chapel and would like to introduce drama and theatre in the liturgy.

But most importantly, he wants to be there for whoever needs him.

Veronica Fuller is new Relief Society visiting nurse

Laura Jessup, the Navy Marine Corps. Relief Society Visiting Nurse, welcomes Veronica Fuller, R.N., as a new member of the visiting nurse team.

Fuller who is also involved with the NMCRS Budgeting for Baby program, will begin volunteer visitation of newborns, prenatal interviews with expectant

parents and other appointments as requested.

She will be available for appointments on Thursdays, from 10 a.m. to 3 p.m. and can be contacted by calling the office at 939-2921.

The office is open Monday, Wednesday

and Friday from 11 a.m. to 2 p.m. Jessup's normal visitation hours are Tuesday, Wednesday and Thursday from 10 a.m. to 5 p.m. and will resume August 18. She can be reached at the Branch Medical Clinic at 939-8020. Messages may also be left for either nurse at the Relief Society Office.

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Mandatory sexual harassment prevention training continues for NAWC employees

Then-Secretary of Defense Frank Carlucci issued the official DoD definition of sexual harassment on July 20, 1988.

DoD defines sexual harassment as a form of sex discrimination involving unwelcomed sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature.

DoD considers these acts sexual harassment when submitting to or rejecting them affects whether a person gets or keeps a job or promotion or otherwise affects working conditions. The conduct is also considered harassment if it interferes with performance or creates an intimidating, hostile or offensive environment.

Any person in a supervisory or command position using sexual behavior to affect the career, pay or job of a military member of civilian employee is engaging in sexual harassment. Similarly, any military member or civilian employee who makes deliberate or repeated unwelcomed verbal comments, gestures or physical contact of a sexual nature is also engaging in sexual harassment.

All military services provide sexual harassment prevention training. Mandatory training for all Naval Air Warfare Center Weapons Division employees at China Lake is now ongoing at the Station Theatre. Individuals are scheduled for attendance in alphabetical order. Badges will be scanned to monitor attendance. Training begins at 8 a.m. with break for lunch at approximately 11:30 a.m. and resumes at 1 p.m. The training concludes at 3:30 p.m.

If unable to attend "alphabetically," employees are encouraged to attend any of the sessions. Employees unable to attend any of the scheduled sessions should notify their department staff office.

The remaining mandatory sexual harassment prevention training sessions are scheduled as follows:

Last name beginning with:	Day/Date
F, G	Thursday, August 6
H, I	Monday, August 10
J, K, L	Tuesday, August 11
M	Wednesday, August 12
N, O, P	Thursday, August 13
Q, R, S	Monday, August 17
T, U, V	Tuesday, August 18
W, X, Y, Z	Wednesday, August 19

Two additional sessions are scheduled for Monday, August 24, and Tuesday, August 25, as last chance opportunities to receive this mandatory training.

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are often needed at substantial extra cost.

'Dam Tough Run' includes a relay race and 38.6-mile ultra-marathon

Preparations are underway for Lake Isabella Chamber of Commerce's eighth annual "Dam Tough Run," slated for Sept. 27. The event, divided into two categories—a relay race and a 38.6-mile ultra-marathon—will take place around scenic Lake Isabella. Both races start at 7 a.m. at the Kern River Valley Senior Center.

Early registration is \$30 for ultras and \$80 for relay teams. There is no penalty for late registration. Distinctive, high quality t-shirts will be given to each participant. Race packets must be picked up at race headquarters at Kern Valley Senior Hall on Lake Isabella Blvd. starting Saturday, Sept. 26, from noon to 11 p.m. Registration will be held Friday (Sept. 25) evening at the Lake Isabella Chamber, or participants can register by mail. Entry forms can be requested by writing the Lake Isabella Chamber of Commerce, P.O. Box 567, Lake Isabella, CA 93240, or by calling the chamber at (619) 379-5236. Registrations will not be accepted on race day.

The first and third legs of the relay race are one-half marathons of 13.1 miles each. The second and fourth legs are 10K events, 6.2 miles. Awards will be given in three divisions, men, women and mixed (mixed teams must consist of at least two women), and in seven age groups (based upon combined ages): 12 and under, 13-19, 20-29, 30-39, 40-49, 50-59, and 60 and over, men and women. Medals will go to the first three finishers in each division. Awards for the ultra-marathon will be given three deep in six age groups: 19 and under, 20-29, 30-39, 40-49, 50-59, and 60 and over, men and women. Grand Prix points are included in registration.

The night before the race, Sept. 26, registered participants can enjoy a free carbo-buffet from 4 to 7 p.m. The buffet is open to the public and runners' families for a nominal fee. The meal is being professionally prepared and catered by the Kern Valley Pizza Factory and will be served at the Kern Valley Senior Hall on Lake Isabella Blvd.

All China Lakers participating in the race are asked to contact *The Rocketeer*, 939-3354, for future publicity.

Both races, set for 7 a.m., Sept. 27, take place at scenic Lake Isabella.

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Big Pine Creek named as hot spot for Eastern Sierra fishing

Once again, Big Pine Creek is the hot spot for fishing in the Eastern Sierra region, notes a report from the Bishop Chamber of Commerce. Salmon eggs and power bait are helping anglers reel them in.

At Lake Sabrina, north and south lake fishing has only been fair. Anglers are catching mostly rainbows by using power bait and flies.

Action is good at Rock Creek and the weather is great. Anglers are catching 12-14" rainbows by using yellow and green power bait. Olive matuka flies are effective if trolling.

Limits are being caught at Convict Lake. One angler caught a 3 lb. 8 oz. rainbow while using power bait.

Crowley Lake is releasing lots of rainbows and a few browns. Use inflated night crawlers for best results. One 10-year-old caught a 4 lb. brown in the channel by the dam while using a gold kastmaster.

At Mammoth Lakes, fishing is only fair. Weeds at Twin Lakes' shoreline are high, so boats, canoes or float tubes are recommended. At Lake Mary, the fish are deep. Use lures such as kastmasters and crocodiles. If bait fishing, use inflated night crawlers and power bait.

Fishing has been good all over June Lake. Floating bait and green or orange power bait are working best.

Shore fishing at Virginia Lakes has been good. Brookies, browns and rainbows are being caught on power bait and crawlers. At Green Creek, dry fly fishing has been excellent. Bridgeport Reservoir has been slow.

Gun club offers year's last Hunter Safety class

During the weekend of August 29-30, the last Hunter Safety class for the year will be held at the Sierra Desert Gun Club clubhouse located onboard the Naval Air Weapons Station China Lake.

The 16-hour course is open to all residents who are 12 years of age or older. Preregistration for the class will be held

in the front lobby of the Ridgecrest Kerr-McGee Community Center on Saturday morning, August 22, from 9 to 11 a.m. and on Tuesday evening, August 25, from 7 to 9 p.m. A \$5 registration fee will be collected at that time.

Social Security numbers are needed for access to the clubhouse.

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SPORTS

Registration begins for Youth Soccer, Roller Hockey leagues

Registration for the Naval Air Weapons Station China Lake Youth Fall Soccer League and Roller Hockey is now underway at the China Lake Youth Center, Monday through Friday, 7:30 a.m. to 4:30 p.m.

The soccer league is for children 5-13 years old. The season runs from Sept. 26 through Nov. 21. A reversible, yellow and blue t-shirt is required for all players. They are available at the Youth Center for \$12 each. Shin guards are also

mandatory and may be purchased for \$3.

The Roller Hockey League is for those nine years old or older (through adult). Division I will be for youth 9-15 years of age, while Division II will consist of those 16 years old and up. The season is from Sept. 19 through Nov. 7.

A hockey coach and referee meeting will be held at the MWR Youth Center, Sept. 9, at 5:30 p.m. Those interested in being a hockey coach or referee are urged to attend.

High Desert Duathlon scheduled

On August 29, the Over The Hill Track Club is sponsoring a High Desert Duathlon.

The race, beginning at 7 a.m., consists of a 6.5-mile run, followed by a 30-mile bike race and concluding with a three-mile run.

Entrance fees are \$15 for individuals and \$30 per team.

Pre-registration forms are available at T.J. Frisbee or from members of the club. Pre-registration needs to be completed before Monday, August 24. Race day registration ends at 6:30 a.m.



QUALIFIERS — AZ3 John Echart, AK3 Steve Bangs, AMSC Jose Lara, Lt. Keith Heflin and PRC(AW) Jerry Spinks will represent NAVVS in SouthPac competition.

Five China Lakers taking part in U.S. Navy SouthPac Golf Tourney

Five China Lakers qualified for the U.S. Navy SouthPac Golf Tournament being held at Naval Air Weapons Station China Lake this week.

In Open Qualifying rounds, AZ3 John Eckart, a member of Air, Test and Evaluation Squadron Five (VX-5), shot 80 in the 18-hole tournament. AK3 Steve Bangs, also from VX-5, was close behind with an 83.

AMSC Jose Lara, stationed at NAWS

China Lake, shot an 85, while Lt. Keith Heflin's score of 86 qualified him for the SouthPac tournament. Lt. Heflin is also stationed at NAWS China Lake.

PRC(AW) Jerry Spinks took the Senior Qualifier with a score of 84.

SouthPac action continues at the China Lake Golf Course through tomorrow, when the tournament's top golfers battle it out in the final rounds.

Road repairs scheduled August 12-19

Road repairs are vital to maintain the Naval Air Weapons Station infrastructure, said the Public Works officer, Capt. James R. Williams. Any inconvenience caused by the work is regrettable; however, while work is in progress, the understanding and patience on the part of Station personnel is greatly appreciated. During the month of August several road closures are planned.

Beginning August 12, Knox Road from Bowen to Rowe streets will be closed for one day. Both lanes will be closed for reclaimite (oiling) from 6 a.m. to 5 p.m. Capehart B residents will need to use Rowe Street and Burroughs Avenue as alternate routes. Public Works employees will need to enter and exit the compound from Bullard Street.

Lauritsen Road from the North Knox Road intersection to Sandquist Road will also be closed for reclaimite on August 12. This will be a one-day closure from 6 a.m. to 5 p.m. The alternate access

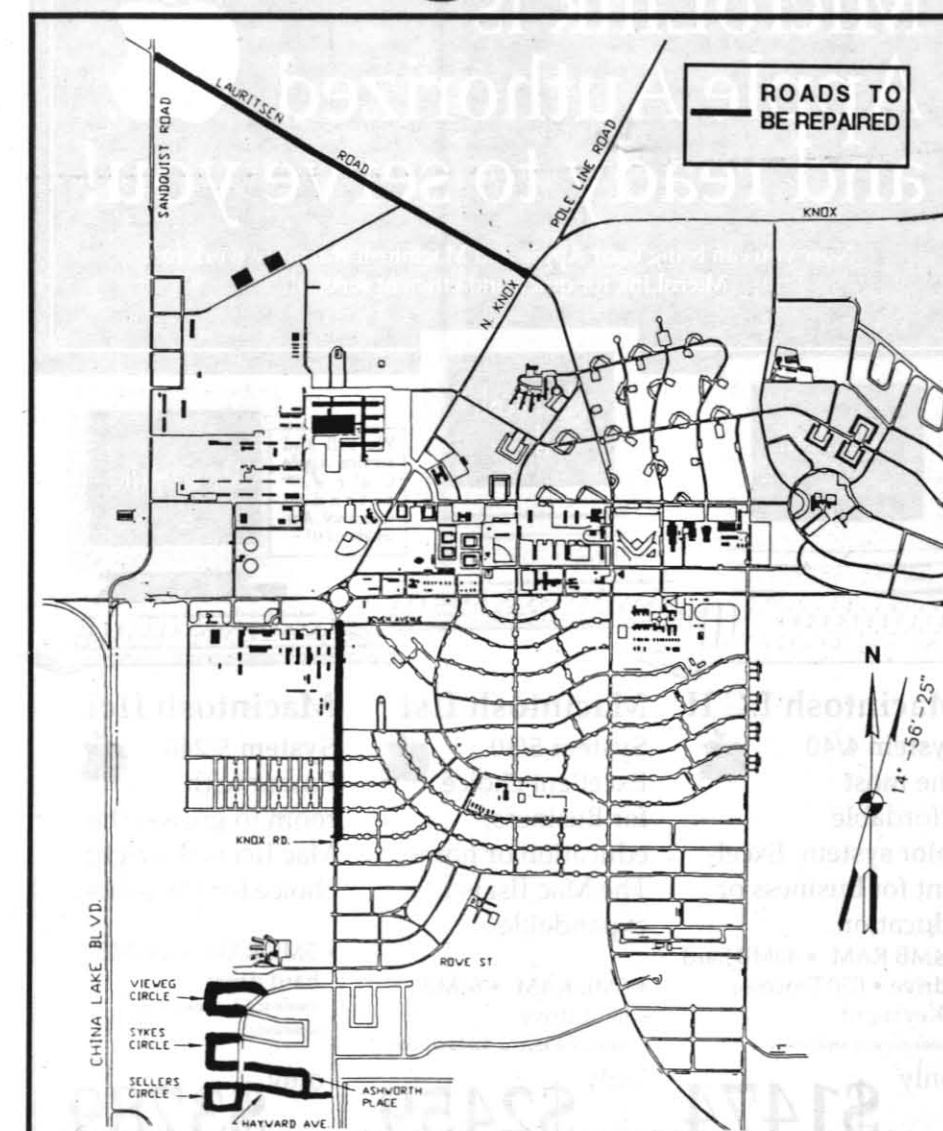
route will be Easy Road to Water Road to Pole Line Road.

In addition, Vieweg and Sykes circles will be closed on August 12 while slurry (an asphalt mixture) is applied to the area's road surface. Access and street-side parking will be forbidden from 7 a.m. to 5 p.m.

Additionally, on August 13 and 14, Sellars Circle, Ashworth Place and Hayward Avenue will be closed while slurry is applied. Once again, access and street-side parking will be forbidden from 7 a.m. to 5 p.m.

The CLPL area CT-2 Road from the "Y" at Fourth Street to the Skytop Turnoff will have restricted access for slurry application. Traffic will be single-lane access on August 14, 17, 18 and 19 from 6 a.m. to 7 p.m. each day. There is no alternate route.

Point of contact for questions or more information is Buck Carter, Public Works Department, 939-0055.



CSUB academic counselors visit

Academic counselors from California State University, Bakersfield will be at China Lake on Sept. 10 to advise current and prospective students in the external degree programs offered by the school at China Lake. The programs include a

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

To make an appointment to see one of the counselors, call Denise at 939-2648.



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BARRELS from Page 1

Office is considering methods of remediating these sites without removing the soil.

At least three boring holes at each site are converted into groundwater monitoring wells to assess the condition of the aquifer. Several well volumes of water are taken from the well and stored in the 55-gallon drums. After testing for petroleum hydrocarbons and volatiles by a California certified laboratory, if contamination is found, more monitoring wells are installed and sampled further away from the tank.

At the old PW gas station sampling determined a limited area of water contamination about 200 feet in diameter. A plume of low level contamination was mapped at the Navy Exchange station, stretching 2,000 feet to the south.

Kronberg explained, some of the gasoline in the water has degraded into other substances and gone into solution, and some gasoline is floating on top of the water.

The remediation plan calls for all of the contaminated water to be pumped out and treated to drinking water quality. The Environmental Office is purchasing a self-contained treatment unit and pumps that will be installed after the remediation system has been designed and approved by local regulatory authorities. Once treated, the water could be safely disposed of as waste water, re injected or used for irrigation.

"We're leaning toward some beneficial use," Kronberg said. "We'd hate to treat it to drinking water quality and just throw it away."

Sampling and mapping of other sites is continuing. "We should be finishing up at the Instrumentation Operations Building gas station shortly and hope to be working at the NAF and Randsburg Wash gas stations in about two weeks," Kronberg said.

Jim McDonald, also of the Environmental Projects Office, is heading up the investigation into abandoned hazardous waste sites. He serves as the NAWS remedial program manager for

the Installation Restoration Program (IRP) and is implementing the requirements of the Comprehensive Environmental Response, Compensation and Liability Act of 1980.

The sites under investigation include old waste streams leading away from labs, landfills, leach fields and unlined ponds and trenches. Sites are scattered over the Station's entire land area, but the majority are in the China Lake complex. The majority of these are in secured areas and a few are in main site.

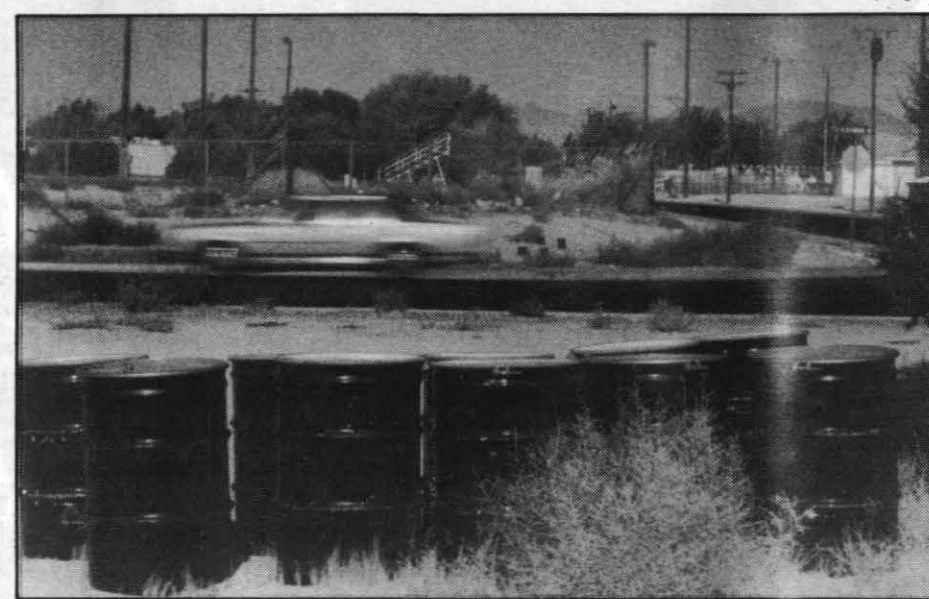
Forty-six sites were originally identified.

Through interviews with Station employees and initial sampling of 15 sites, 33 have been put into the "no further action" category. The remaining 13 were determined to contain some contamination and are undergoing further investigation. These are currently in the Remedial Investigation (RI) phase, the first part of which characterizes the extent of the contamination. The RI of these sites involves test borings similar to Kronberg's effort and has resulted in various other groupings of black barrels at the sites.

Wastes from sampling earlier in the program, whether hazardous or not, were disposed of at a hazardous waste facility off-Station. "That was the conservative, but expensive, way to do it," said McDonald. "In the future we will take the time to separate the hazardous from the non-hazardous. If it is non-hazardous we'll dispose of it at the site. If it is hazardous, we'll either store it at the site to be cleaned up with the site or ship it off-Station for disposal."

He explained, waiting to dispose of hazardous samples with the site is less expensive, but slow, because cleanup is not expected to begin for two years. Shipping it off-Station for disposal, will remove the barrels and their contents sooner, but is much more expensive than waiting to dispose of it with the site cleanup.

Please see **CLEANUP**, next page



PLUME of low level contamination from Navy Exchange Gas Station extends south of King Street.

Ideas Column

By Melanie Truesdale
IDEAS Office

Wanted: dissatisfied people!

Are you dissatisfied? Good! People withdraw when they are, or feel, boxed in; that nobody cares about them or what they think and who they are and therefore, unimportant except as an extension of their machine or job element. This "mechanistic" concept of the individual went out with high-button shoes. Mechanistic thinking causes negative frustration and will retard performance.

Positive frustration is to be fostered. What we need is not satisfied people; we need dissatisfied people, but those who are dissatisfied about the right things. We need people who are dissatisfied with:

Problem: We need problem solvers. Underachievement: We need people who achieve, succeed and grow through a steady realization of predetermined goals based on personal improvement.

Negative thinkers: We need the creativity that is stimulated by positive thinking.

The status quo: We need people who challenge everything and come up with a better way.

Rearview mirror thinkers: People who only know how it used to be done and why it won't work. We need people with forward-looking insight.

Rut dwellers: Those unfortunate people who, as President Theodore Roosevelt put it, "...live in that twilight zone that know neither victory nor defeat."

We need creative people of vision, courage and curiosity; people who want to WIN! Those are the only two types of suggesters who are successful. Those who are smart enough to know that it can be done and those who are unaware that it can't. Those people are positively frustrated and dissatisfied about the right things.

What can you do? Apply hard work and creative thought to a problem or

improvement opportunity. Develop a good solution. Communicate the solution through your supervisor or the IDEAS Office. We'll get your Idea reviewed by the responsible code and see if it can be implemented. Go for it!

IDEAS recently received:
No. 457, Travel Without an Advance. Ray Ross, Code 36824, wants travel vouchers processed first for travelers not receiving an advance.

No. 458, Shatter Proof Windows, Lauritsen Lab. Dee Harrell, Code 315A suggests changing the glass in Lauritsen Lab to shatterproof in case of earthquakes.

No. 459, Conference Room Evacuation. Dee Harrell, Code 315A, suggests that when a meeting is held in a conference room, emergency procedures be briefed at the beginning. In IDEA No. 460, she suggests a simplified evacuation plan be posted inside conference rooms.

No. 461, Showers in Engineering Building. Clarence Dent, Code 3623, suggests showers be built in the Engineering Building vicinity.

No. 462, Pump Warning System. Frank D. Petty, Code 2666, suggested and implemented a warning system for the well pumps at Sea-site in Randsburg Wash.

No. 463, Signs. Jack Crawford, Code 39B4, suggests new official building signs be made of non-reflective material for reading ease.

No. 464, Tree Replacement. Jack Crawford, Code 39B4 suggests the trees in front of the Administration Building be replaced before they fall down on a revolving schedule to avoid injury and barren landscape.

If you have questions, you can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, E-Mail at SCF::IDEAS or QuickMail addressed to IDEAS Code_05.

Debt counseling is available

Each year thousands of people are confronted with overwhelming money problems. It all starts when it's time to pay your bills. You take out your checkbook, look at the balance and add up what you owe. You realize you don't have the money to pay the bills, so you begin with priorities. Some get paid and others are put off to a later date. Don't let this happen to you.

Financial debt counseling is available through the EAP Program Office. Arrangements have been made for a representative from the Consumer

Credit Counselors of Kern County, a non-profit community service agency from Bakersfield, to come to the Naval Air Weapons Station to offer counseling.

Your financial situation will be reviewed by a trained counselor and a plan developed to get you on the road to financial security. This service is being offered free of charge.

If you believe you need financial debt counseling, all you need to do is call the Employee Assistance Office, 939-2574, for an appointment.

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RETIREMENT, from Page 11

accumulates annually, so the sooner the deposit is made the better.

Employees first employed by the Federal Government under either retirement system on or after Oct. 1, 1982, will be allowed credit for post-1956 military service only if a deposit is made, regardless of Social Security entitlement. Employees covered under the FERS Retirement System are required to make a three percent deposit (instead of a seven percent deposit required under the CSRS Retirement System).

Employees receiving military retired pay which bars credit for all military service, may elect to waive the military retired pay and have the military service added to the Civil Service annuity computation. If employees do not waive the military retired pay, their retirement rights (and those of the surviving spouse, if any) will be based on their federal civilian service only and military service will not be included in computing the annuity. Employees will then receive both the military retirement and the Civil Service annuity at the same time.

Last week's 'Aircraft Wash' story photo had incorrect caption; writer was not credited

In last week's issue of *The Rocketeer* a photo caption on Page 5 incorrectly said the sailors photographed were using the new, safer wash solution. That was in error. The gear they wore was to protect them from the old, hazardous material.

Employees who waive military retired pay may have military service credited for both eligibility and computation of their Civil Service annuity. If the military service deposit is not made, the Civil Service annuity would be recomputed at age 62 to exclude the military service from the annuity computation, provided the annuitant is eligible for Social Security benefits. These employees would then receive only a reduced Civil Service annuity and not military retired pay. An annuitant may revoke the waiver of military retired pay and have the military retired pay reinstated only if he/she would have been entitled to a Civil Service annuity at time of retirement based on civilian service alone (e.g. retirement at age 60 with 20 years of civilian service).

Employees should determine now if they want to make the military service deposit and waive military retired pay, if necessary. Your PMA Team can help make these decisions.

Next week, "How Does Social Security Figure Into Your Retirement."

The citrus-based solution requires only goggles as safety gear.

In addition, Janice Kaspersen's byline was inadvertently omitted. Kaspersen is a writer in the Technical Information Department. We regret the errors.

Warning: Dry grass, brush are a fire hazard

By Code 24202 (C84202)

Once again it is the time of year for grass and brush to die and become a fire hazard. With the heavy rains this past winter, the vegetation is thicker than China Lake has seen in many years. All grass, brush and weeds within 25 feet of any structure are required to be kept trimmed. The trim line around open storage, ordnance areas and fuel handling and storage areas is 50 feet.

All Station employees and residents are requested to help identify areas which need such trimming. If there are any areas around your office which need

vegetation removed, please contact the Base Operating Services Contracts (BOSC) Branch at 939-4431. (Those areas not covered by the CFSC contract will require a J.O. to have the trimming performed.)

Station residents are reminded they are responsible for keeping the areas around their homes trimmed. If you notice vacant residences or community sections within the housing areas which are not trimmed, please notify the Housing Office at 939-4449.

Your cooperation will help keep the Station looking neater as well as being safer.

New self-help services offered

In an effort to help China Lakers with their self-help endeavors, the Self-Help Program Office at the Naval Air Weapons Station China Lake has recently added a few new services.

Expert advice and guidance from Public Works journeymen is now available. They can assist with material selection, tools required, professional application advice and safety awareness techniques.

In addition, China Lakers can now change their own lightbulbs. With the growing back log of service calls and

limited resources to comply with all the light bulb replacement requests, the Self-Help Office will provide employees with the correct replacement lights so they can do the work themselves. Just call the office to arrange for a time to pick up the lights, ladders and other tools necessary to replace the lights.

Public Works will still accept work requests to have this type of work done.

For more information on the light bulb replacement program or the Self-Help Program, call Jerry Morrison at 939-2220.

CLEANUP from Page 8

"These barrels contain dirt, water and personal protective equipment used by the people who did the sampling," said McDonald. "Potential contaminants are various organic compounds, pesticides, herbicides or metals."

A two-inch thick "Comprehensive Long-Term Environmental Action RI/Feasibility Study Work Plan," details the procedures for the investigation.

The next step in the Remedial Investigation is a risk assessment. Using the data gathered to date, risk factors will be established based on types of human receptors, such as skin contact or inhalation of airborne dust, and direction and flow of the contamination at the site. From the risk factors analysis, a priority for cleanup will be determined.

A feasibility study will then be conducted at the sites to be cleaned up. The study will look at several cleanup methods and determine the most effective

one. Finally, cleanup will be engineered and implemented. Following the cleanup, the site will be monitored to ensure the action was effective.

McDonald pointed out that throughout this program public input is encouraged. All of the information gathered in McDonald's preliminary investigations is available to the public at repositories in the Ridgecrest Branch of the Kern County Library at 131 E. Las Flores and at the Environmental Project Office, 71 Parsons, China Lake. The repositories contain documents detailing the history of each site, maps, results of tests and descriptions of findings found at the sites.

Any comments or questions on the Installation Restoration Program or information on additional underground tanks or potentially hazardous waste sites should be directed to Debbie Smith at 927-1523.

BIEN from Page 1

said, "Early in her career, Ms. Bien set a style and standard of performance in the personnel 'generalist' concept instituted at the Naval Weapons Center in the early 1960s. She exemplified the model of the general theory."

Arriving at China Lake as the employment development officer in 1962, she climbed the ladder in the personnel field, becoming NWC's training director in 1971, heading the Personnel Service Division in 1972 and became head of the Human Resources Department in December, 1975.

Among the most significant accomplishments of her career was development and implementation of the Personnel Demonstration Project. The nomination says, "The passage of the Civil Service Reform Act of 1978 was seen by Ms. Bien as an opportunity to improve the practice of human resource management at NWC and perhaps throughout the federal sector." NWC's Demo Project was the first approved under the law and has been so successful that the original five-year project has been approved for two five-year extensions. In addition, many of the innovations contained in the Federal Employee's Pay Comparability Act were first tested and proved to be efficient and effective recruitment and retention tools in the demonstration project.

In 1983, she successfully integrated the Equal Employment Opportunity program and the civilian personnel program into a unified human resources program. At the time, these functions were required to be separate, but she obtained an exception to that requirement and demonstrated they were much more effective and efficient when inte-

grated. This integrated approach is now the required approach to human resource management.

"The overall success of this approach," noted Capt. Cook's nomination, "has been demonstrated by the Center's receipt of the Nathaniel Stinson Equal Employment Opportunity Program Award in 1991."

When NWC and the Pacific Missile Test Center at Point Mugu were disestablished and merged into the NAWCWPNS, Ms. Bien was selected as the personnel director for the division and transferred to Point Mugu. Her selection, noted RADM. Strohsahl, "was based on career-long significant accomplishments."

She earned a bachelor's degree in personnel management from the University of California, Berkeley and a master's in public administration from the University of Southern California.

Other awards during her 30-year Navy career include the Navy Meritorious Civilian Service Award, Federal Executive Board Effective Cooperation Award and NWC's Michelson Laboratory Award.

In addition to her work at NWC, she spent a year as vice president, human resources, for the Stanford Research Institute. Ms. Bien has been active in the Southern California Federal Personnel Council, the Inter-Laboratory Council on Personnel Administration. She was actively involved in establishment of a community college to serve the China Lake area.

In making the award presentation, RADM. Newman said, "Your many contributions... have set the standard for excellence in human resource management."

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Wellness Corner

By Pat Oliver
Wellness Program Office

Growing concern for prostate cancer; early detection key to recovery

Prostate health may not receive as much publicity as other health issues, but prostate problems are a growing concern. In fact, prostate cancer is now the most common type of cancer—and the second highest cause of cancer deaths—in men. But prostate cancer doesn't have to be life threatening. With early detection, the chances for recovery from prostate cancer are high.

The New England Journal of Medicine (324:1156, 1991) published an article which showed that the use of the measurement of Prostate Specific Antigen (PSA) as a screening test significantly increased the detection rate of prostate cancer. The authors of the article concluded that serum PSA measurement is a useful addition to rectal examination and that these two tests combined provide a better method of screening for prostate cancer than rectal examination alone. In their study, 22% of men with PSA values between 4.0 and 9.9 ug/L, and 67% of those which values of 10.0 ug/L or higher were found to have cancer on biopsy.

It is important to understand that PSA

can be elevated by other conditions such as 1) an aggressive rectal examination, 2) a benign enlargement of the gland, or 3) inflammation. However, significant elevations still correlate with a high incidence of cancer. Michael T. MacFarlane in the Western Journal of Medicine Dec '91 noted that because PSA is produced by both benign and malignant prostate cells, it was originally thought that this would limit, if not completely exclude, its use as a diagnostic tool for prostate cancer. Further evidence, however, shows a substantial differential rate of the production. Prostate cancer cells apparently produce about ten times more PSA per gram of tissue than benign prostatic cells. Thus, even small volumes of prostate cancer can raise serum levels of PSA significantly more than greater volumes of benign prostatic hyperplasia.

For men over 40, the combination of a blood test which measures PSA, and a yearly digital rectal exam can not only alert a physician to the early stages of cancer, but also establish a baseline of prostate health that can be used as a guide for identifying any future changes.

CSB starts scholarship program

Members of the China Lake Corporate Secretaries' Board (CSB) presented CSB scholarships for the first time to two students at Mesquite High School on June 5. Elisabeth Williams and Sylvia Valadez were each awarded a check for \$100 at the Mesquite graduation ceremony by members of the CSB Scholarship Committee, Jo Ann Griggers (Code 31) and Charylene Peterson (Code 27). The CSB Scholarship will be given out annually.

The CSB scholarship was established to assist those graduating seniors at Mesquite High School who have had

some clerical experience and want to pursue work in the clerical field. The scholarship is not tied to college attendance; that is, the students don't have to use the money to continue their education, but can use it for whatever they need it for. Teachers at Mesquite can give input to the selection, but do not actually rank the applicants. The annual scholarship will be for \$100; however, two were given this year to kick things off, noted Griggers.

Both Williams and Valadez would like to become secretaries and plan to use the money for books and their education.

Soldering inspection course set Sept. 14-16

Department of the Navy policy requires certification to MIL-STD-2000 or the Navy 2M program for all personnel involved with soldering or inspection of soldering.

A 20-hour soldering inspection course to MIL-STD-2000 will be held Sept. 14-16 from 7:30 a.m. to 4:30 p.m. at the 543 Graaf Street Training Facility of the Electronics Production Technology Branch (Code 3681). This course is for contract personnel directly supporting Naval Air Warfare Center projects and government or military personnel needing certification as Category D or F inspections.

The requirements for the course are (1) a current operator certification (Category E or G) and (2) a valid job order number, check or money order.

To be scheduled into class, call 446-5571. After being scheduled into the certification course, local government and military personnel should submit a Training Request with the appropriate J.O. to be charged annotated in Block 16, via department channels to Code 36812. Government personnel not working at the China Lake site need to submit an Off-Center Training Request via proper channels to Code 36812.

Compu Chatter

By Donna Hanson
PC Lab

Software Purchase and Upgrade Program

The PC Lab offers these services to NAWC/NAWS employees. To place an order for new software, simply call Marge in the PC Lab. Software upgrades usually require master disks to be sent and sometimes the title page of the documentation. The charge is a fixed fee of \$16 per package to cover the cost of Code 27's credit card buyer.

Upgrading FileMaker II files To FileMaker Pro

Don't upgrade your FileMaker II files simply by opening them in FileMaker

PC Lab offers wide range of computer aid

Pro. Apparently a bug in FileMaker II creates a structural problem in its files. The bug was fixed in FileMaker Pro, but the problem might still be present in your old FileMaker data files and could cause serious problems if you convert them to Pro by opening them directly.

Save a compressed copy of your FileMaker II files by using the Save a Copy command. Then open these compressed copies in FileMaker Pro.

If converted files exhibit any strange behavior—trouble with sorting, for example, use FileMaker Pro's Recover command to attempt to correct the problem.

More First Aid, CPR classes added

Previous Standard First Aid and CPR classes offered this summer by the Safety Office and Cerro Coso Community College have been so popular, they are being extended for an additional week.

Spaces are available for August 17 through 20. Make a reservation by calling the Safety Office at 939-2315.

The eight-hour classes will run from 7:30 a.m. to 4:30 p.m. each day at the Safety Office Training Room.

Learn valuable skills such as CPR for adults, first aid for choking victims, artificial respiration, first aid for bleeding emergencies, splinting and bandaging for wounds and/or fractures and more.

How military service can affect retirement benefits

By John Powers
Code 221

(Editor's note: This is the fourth in a series of articles dealing with different aspects of retirement.)

Today I am going to talk about military service. This can be divided into two separate categories. The first covers employees who have military service but are not military retirees, and the second covers military retirees. Almost everyone has decisions to make regarding the use of military service in computing their Civil Service annuities, but military retirees have additional things to look at in making these decisions.

Public Law 97-253 established the requirement for deposits for certain military service, and also required an increase in interest rates charged on deposits. The effective date of the changes made by this law was Oct. 1, 1982. The changes concerning military service under this law are referred to as "Catch 62." The law affects employees differently, depending on dates of federal service and the retirement system under which covered (CSRS or FERS).

Military service performed prior to

Jan. 1, 1957, is automatically credited for Civil Service retirement. Military service performed on or after that date is covered by Social Security and may be credited toward Civil Service annuity computations only under certain conditions.

Employees first hired by the Federal Government before Oct. 1, 1982 have two options: (1) to make the seven percent deposit for any post-1956 military service to avoid a reduction in Civil Service annuity at age 62 (and a reduction in any survivor annuity payable after death), or (2) decide not to pay the deposit and have the Civil Service annuity reduced at age 62, if eligible at that time for Social Security benefits.

The Civil Service annuity is recomputed to eliminate all credit for the post-1956 military service. Any survivor annuity payable after death would also be recomputed to eliminate all credit for post-1956 military service when the spouse (survivor annuitant) attains eligibility for Social Security (normally at age 60).

The military deposit can be made at any time before retirement, but interest

Please see **RETIREMENT**, next page



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It was the custom in Imperial Rome in the first century to give rings as birthday presents. Prominent people with many friends would receive a number of rings. Settings of sardonyx, one of the birthstones for August, were popular with people born in that month.

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gible for journeyman level. This will require a 4-year prejourneyman development program consisting of on-the-job training and international correspondence schools courses. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; reliability and dependability; ability to follow directions in shop; dexterity and safety; and ability to work as a member of a team. Incumbents must have a valid California driver's license. Incumbents must follow various safety rules and procedures to maintain a safe working environment. Promotion potential to WG 9 or 10 depending on trade skills, however, promotion is not guaranteed. **Supplemental Qualifications Statement for Helper (Various Trades) is required.**

No. 30-004 Mathematic Technician, DT-1521-A, Code 3033, PART-TIME/Multiple Vacancies - This position is located in the Weapons Planning Group Department, Weapons and Tactics Analysis Center (WEP-TAC) Wargame Support Branch. The branch provides support to the WEPTAC Operations Branch. The incumbent actively and directly participates in military wargames and simulations based on a working knowledge of the wargaming systems and software as well as Navy tactics, doctrine, and terminology. In addition, the incumbent enters wargame commands into a computer terminal and advises acting Unit Commanders in the conduct of games and simulations and provides initial instruction on work station equipment, range of permissible commands, and basic operation and capabilities of the system and wargame models. Incumbents are expected to successfully complete an eight week training program. **Job Relevant Criteria:** Ability to operate a computer terminal; ability to communicate in writing; ability to read, interpret, and apply instructions. Applicants must be able to obtain and maintain a Top Secret clearance based on a favorable adjudicated Special Background Investigation. Promotion potential to a DT-2, but not guaranteed. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. The ad closes 14 August 1992.

No. 31-034, Supervisory Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace/Industrial Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/830/850/855/861/896/1310/1515/1520/1550-3/4, Code 3103 - This position is the AV-8B Project Manager, located in the AV-8B Project Office, Aircraft Weapons Integration Department. Incumbent is responsible to the Department Head for the management, supervision, and administration of the AV-8B Project Office. Responsibilities include the development, supervision, and monitoring of plans, schedules, manpower, progress, and expenditures associated with assigned tasks. **Job Relevant Criteria:** Knowledge of affirmative action principles including a willingness to implement EEO practices; ability to provide technical coordination of the AV-8B WSSA; ability to deal with all levels of technical management, including on- and off-Center organizations; ability to plan, organize, coordinate and manage a technical program; ability to communicate both orally and in writing. The incumbent may be required to serve a 1-year supervisory probation period. Promotion potential to DP-4. PCS is authorized. This ad opens on 31 July 1992 and closes 14 August 1992.

No. 35-005, Supervisory Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace/Physicist/Computer Scientist), DP-801/830/850/855/861/1310/1550-3/4, Code

3573 - This position is that of Head, Air to Surface Guidance Branch, Advanced Systems Division, Attack Weapons Department. The incumbent is responsible for the technical, managerial, and administrative responsibilities associated with the development and support of infrared missile guidance systems and related instrumentation. Incumbent manages and supervises a diverse group of engineers and scientists who support infrared guidance design and development efforts for Program Offices and the Technology Base. **Job Relevant Criteria:** Knowledge of affirmative action principles, including a willingness to implement EEO practices; knowledge of laser and imaging infrared missile guidance systems; ability to communicate in writing; ability to influence and motivate others; ability to communicate verbally; ability to work effectively across organizational lines; ability to plan and coordinate complex technical tasks; ability to perform as a first-line supervisor. The incumbent may be required to serve a 1-year probationary period. Promotion potential to DP-4. Permanent change of duty station is not authorized. This vacancy announcement opens 31 July 92 and closes 14 August 92.

No. 38-004, Supervisory Interdisciplinary (Physicist/Chemist/Electronics Engineer) DP-1310/1320/855-3/4, Code 3813. This position is that of Branch Head, Sensors and Signals Branch, Physics Division, Research Department. The branch conducts research in electronic materials, develops novel prototype devices for radio frequency, microwave, infrared, visible and ultraviolet sensor technology. The branch also conducts research in image and signal processing. **Job Relevant Criteria:** Knowledge of basic and applied research in electronic materials; knowledge of applied research and development in the area of electronic devices; knowledge of basic and applied research in image and signal processing; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to communicate effectively orally; and ability to communicate effectively in writing. The selectee may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. PCS Authorized. This vacancy announcement opens on 7 August 92 and closes 21 August 92.

No. 38-005, Supervisory Interdisciplinary (Physicist/Chemist/Mathematician), DP-1310/1320/1520-3/4, Code 3818. This position is that of Branch Head, Lasers and Optics Branch, Physics Division, Research Department. The branch conducts research and development in the generation, propagation, and scattering of optical radiation and the performance measurement of optical materials, components, and systems. The branch also conducts applied research oriented toward optical devices (for example, compact laser sources, fiber optics gyro, phased array laser radar components, and diffractive optics). **Job Relevant Criteria:** Knowledge of basic research in optical sciences; knowledge of applied research in optical metrology, measurement and instrumentation and optical devices; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to communicate effectively orally; and ability to communicate effectively in writing. The selectee may be required to serve a 1-year supervisory probationary period. Promotion potential to DP-4 but not guaranteed. PCS authorized. This vacancy announcement opens 7 August 92 and closes 21 August 92.

No. 39-017, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace

Engineer/Physicist/Mathematician) DP-801/830/855/861/1310/1520-3/4, Code 39B1 - This position is that of Project Manager for the Advanced Technology Applications Office, Antiair Projects Office, Intercept Weapons Department. The Project Manager is responsible for all aspects of developmental program efforts at NAWCWPNDIV-CL, including planning, budgeting, contracting, staffing and project execution. Project Manager will place personal emphasis on the tasks of negotiating and representing NAWCWPNDIV-CL status, positions, and plans to sponsors. The Project Manager will exercise direction of NAWCWPNDIV-CL in-house efforts and contracted efforts. **Job Relevant Criteria:** Knowledge of major systems acquisition cycle; knowledge of NAWCWPNDIV-CL planning budgeting and contracting requirements; knowledge and experience in a technical program, including design, development, integration, test, validation, analysis of operational software and hardware; ability to work with higher level management; ability and willingness to support NAWCWPNDIV EEO goals and objectives. This position requires that the employee be able to obtain and maintain a Top Secret security clearance. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. Incumbent may be required to serve a 1-year supervisory probationary period. The full performance level of this position is DP-4, but not guaranteed. Ad will close 14 August 92.

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. NAWC/NAWS is an Equal Opportunity Employer.

REASSIGNMENT COLUMN

No. 39-016, Interdisciplinary (General/Mechanical/Electrical/Electronic/Aerospace/Industrial Engineer) DP-801/830/850/855/861/896-3, Code 39B4 - This position is with the RAM Project Office of the Intercept Weapons Department. The person selected will serve as a NAWCWPNS Point of Contact (POC) for the Rolling Airframe Missile (RAM) Project Office. The assignment location is Otisbrunn, German (near Munich) where the individual will serve as an in-plant technical representative at the German prime contractor's facility. The assignment is expected to take 1 to 1 1/2 years, but could be extended to 2 years, depending on completion schedules. The position involves the coordination of information between the German prime contractor (RAMSYS) and the NAWCWPNS. The POC will meet with German engineers, managers and other RAMSYS personnel to discuss missile production activities. This individual will review change documents such as ECPs, RFDs, RFWs, etc., and be responsible for clarifying technical issues with RAMSYS and its line

companies. Duties will include regular visits to the line companies to provide assistance and report on the status of production efforts. The incumbent of this position will be performing engineering related work without direct NAWCWPNS supervision; experience with production support activities is essential. Incumbent must have sufficient technical expertise, including hands-on hardware familiarization with missiles or other similar ordnance devices, to approve minor deviations and assess the adequacy of technical planning documents and reports. A command of the German language is desirable, but not a requirement for the position. Applicable living and transportation allowances will be provided while on this assignment. Send current SF-171 to G. Winkler, Code 39B4, NAWCWPNS, Intercept Weapons Department, China Lake, CA 93555. This ad closes 14 August 92.

SECRETARIAL OPPORTUNITIES

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

SECRETARIAL COLUMN

No. 32-005, SECRETARY (TYPING), DG-318-1/2, CODE 3245/C2745-Incumbent will provide secretarial support to the Explosive Components Branch of the Ordnance Development Division. Knowledge of the SPEDI procurement system and experience using the Macintosh computer desirable, but not mandatory. Full performance level of this position is DG-2.

No. 39-018, Secretary (Typing)/Clerk-Typist, DG-318/322-2/3 - The incumbent provides secretarial support to the Systems Analysis Center (Code 39B6) in the Intercept Weapons Department. The incumbent is responsible for all secretarial duties including numerous travel orders and arrangements. Must have the ability to communicate effectively. Skill on the Macintosh computer is desirable. Must be able to obtain and maintain a Top Secret clearance. The full performance level of this position is DG-3. This ad will close 20 August 92.



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

Submit items to: Code 3415(C9425); FAX 939-0945 or E-Mail to TID:ANC



THE HEAT OF THE NIGHT AT THE TECHNICAL LIBRARY

Are you interested in infrared-transparent materials for windows and domes that must withstand harsh environmental conditions, such as high-speed flight or high-temperature process monitoring? Dr. Daniel C. Harris' book, *Infrared Window and Dome Materials*, will provide a comprehensive introduction to the subject.

Dr. Harris is Head of the Optical and Electronic Materials Branch in the Research Department. His book describes important physical characteristics of infrared window and dome materials. It briefly treats fabrication techniques and coating technologies required to enhance optical transmission and mechanical durability.

Topics include radiant properties of materials; optical, mechanical, thermal, and thermal shock properties of window materials; fabrication of windows and domes; optical finishing; and coatings for reflection, strength, conductivity and erosion. A concluding chapter deals with diamonds as the infrared window material of the future.

This text, part of a series in the SPIE Tutorial Text Series, presents fundamental theory to build a basic understanding as well as the information necessary to give the reader practical working knowledge in infrared window and dome materials.

This new addition to the Technical Library's collection is available at the Circulation Desk, 939-3389, Code 3432/(C9462).

MEDICAL NOTE

It is essential that military personnel on limited duty or those who have had a medical board in the past 18 months come to the branch medical clinic or call HM3 Woolley at 939-8039 to get the latest information which could affect your status. (Medical Clinic)

CODE 2411 HAS MOVED

Code 2411, Physical Security, has relocated from Building 467 to Building 851 (behind the Police Station). The phone numbers are 927-1380, 927-1381, and 927-1383. The Alarm Shop phone numbers are 927-1386 and 927-3233. (Code 2411)

COMPOSITION SERVICES HAS NEW QUICKMAIL ADDRESSES

Now the two locations for

Composition Services can be reached by Quick Mail: Product Improvement Team (PIT) 2 at TID Central (PIT 2/TID Central) and PIT 1 at the Engineering Building (PIT 1/Eng Bldg). These groups can provide high-quality cost-effective composition in conformance with Navy and Center policies. PITs at both locations produce manuscripts, sophisticated vignettes, reports, databases, and graphic and engineering illustrations, including electrical schematics, logic, and wiring diagrams. They have various types of software capability for Macintosh and IBM. For any of the following services, send your work to the appropriate location:

PIT 1/TID Eng Bldg
Patent drawings
Transcribing
PACs
IBM services

PIT 2/TID Central
Announcements

Bring or send your work to either of these Composition Service centers for fast, professional, and cost-effective work. (Code 3415)

PRINTED CIRCUIT ASSEMBLY, REWORK AND REPAIR TRAINING

Today's printed circuit assemblies may cost thousands of dollars. Improper component replacement techniques may cost your project even more. Improper repair techniques may delay an important test or cause an operational failure during the test. A course on how to rework and repair that expensive electronic assembly is given locally by the Electronics Production Technology Training Facility. This course will help you identify the proper techniques to remove conformal coatings, desolder and remove components, repair or replace conductor traces and pads, and repair the printed circuit assembly. The student is encouraged to bring in unique situations so the staff can help them develop the best rework and repair techniques.

Certification to MIL-STD-2000 is suggested but experience in soldering techniques is required. The course is scheduled to begin 3 August at the Electronics Production Technology Training Facility, 543 Graaf St. in Ridgecrest, and is 40 hours long. The course is available to military and civilian employees of NAWCWPNS and NAWS and to contractor personnel. For more information or to be scheduled into the class, please contact the Electronics Production Technology

Training Facility at 446-5571. (Code 36812)

ADULT CPR CLASSES

There is still space available in the American Red Cross 4-hour Cardiopulmonary Resuscitation (CPR) classes offered by the Safety Office and Cerro Coso Community College. These Adult CPR classes are presented every Monday through 13 August. Class duration is 4 hours, and both morning and afternoon sessions are available. To sign up for a class, simply call the Safety Office at 939-2315. (Code 2405)

INVENTORY SUPPLY WAREHOUSES HOURS

Dates for Closure	Supply Warehouse
3 & 4 August 92	26 (Steel Yard) 27 (Hazardous) 29 (BOM Yard)
5 August 92	All areas open for business
6 & 7 August 92	10 (Telmar/Bulk Issue/Cylinder Yard)
10 & 11 August 92	14 (Electrical)
12 August 92	All areas open for business
13 & 14 August 92	42 (Aviation/Automotive)

Note: Any issues during the Warehouse closures need to be signed by the requesters Department Head and then taken to the appropriate warehouse. (Code 2131)

INFORMATION RESOURCE SYSTEM TASK TEAM MEETINGS

The NAWCWPNS Information Resource System (on-line document storage and retrieval) task team will be meeting on Thursday, 20 August, from 1315 to 1400 in the Video Teleconference Center (VTC).

Additional VTC meetings have been scheduled for Thursday, 17 September from 1315 to 1400 and on Thursday, 24 September, from 1230 to 1330.

The task team is investigating the possibility of establishing a computer-based on-line document storage and retrieval system for all sites of NAWCWPNS.

All interested personnel (NAWC and NAWS) are invited to attend.

For additional information, please contact Bob Bloudek, Head, Information Resources Office at 939-0568. (Code 3404/C6404)

LONG JUMP '92

The Long Jump series of measurement programs was organized to meet the ongoing need of the defense community to develop and test electro-optical and infrared systems. Long Jump

'92 will be the latest in the test series and will build upon the experience and lessons learned from the previous four Long Jump exercises.

Long Jump '92 will be held again at the Barcroft Laboratory at the White Mountain Research Station. The Laboratory is located about 60 miles northwest of China Lake at 12,470 feet elevation, near the peak of White Mountain, which is east of Bishop, California. Setup for the test will be the week of 10 August with the actual test running from 17-28 August.

Attendance as either a participant or an observer is welcomed. For security reasons, we require all visitors and participants to have a valid security clearance and to have their names on an attendance list. If you plan to visit the Long Jump site, please notify either Gerry Powell or Valerie Rogers in writing or by FAX.

Points of contact are Gerry Powell, Target Signatures Project Office, Code 39403, 939-4184, FAX 939-8303 or Valerie Rogers, Code 3573, 939-3515, FAX 939-3139. (Code 39403)

NAWCWPNS LONG-TERM ASSIGNMENT

The following is a 1-year developmental assignment open to DP-3- and DP-4-level employees who have a minimum of 3 to 5 years' experience at NAWCWPNS and are in one of the following position series: 801, 830, 855, 861, 1310 or 1520.

ENGINEERING AND TECHNICAL ADVISOR within the Marine Aviation Development Tactics and Evaluation Department (ADT&E), MAWTS-1, Yuma, Arizona.

Provide technical input and advice in one of the following areas: (a) electronic warfare with knowledge in threat RF SAM/AAA and U.S. countermeasures devices and capability of consulting and assisting in MAWTS-1 assault support self-protection countermeasures programs; (b) conventional ordnance with knowledge in U.S. Navy inventory of conventional ordnance and fire controls, including capability of consulting and assisting in MAWTS-1 input to CMC, NAVAIR, and OP-05 on Air Interdiction Weapon Systems, Advanced Bomb Family, and various gun systems; and (c) command and control with knowledge in Navy and Marine C3 systems and capability of reviewing Marine ground/air communication link structures and equipment.

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building. Items may be sent to Code 3415(C9425), or by FAX to 939-0945, Code 3415(C9425), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).

Must also be familiar with activities and structure of NAWCWPNS and be willing to provide interface for MAWTS-1 projects at NAWCWPNS.

Specific duties will include: (a) review and advise on operational

requirements, technical papers, or test plans on programs of Marine interest or act as liaison between MAWTS-1 and Navy Labs; (b) provide technical input/assessment of special projects conducted by MAWTS-1; (c) assist in

development of programs requiring systems integration; and (d) maintain working knowledge of developing technologies in industry and government labs.

Apply by submitting a SF-171 by

close of business on 14 August 1992.

Take applications to Code 2201 (C6201), Room 202, building 2335. For additional information, call Jacqui or Sandra at 939-2434.

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 emergencies and will be in a nonpay status for at least 10 days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN NOTICE 12630 provides specific information regarding how to donate annual leave. Send your approved request to Code 221. For additional information, call ext. 2018.

Beth Schuchman, Payroll Clerk, Code 2853

Beth is indebted for leave to care for her infant son. He is undergoing continuous testing and intermittent hospitalization. She is a single parent.

Rosemary Langley, Secretary, Code C01

Rosemary Langley is recovering from surgery and is currently undergoing radiation treatment and chemotherapy.

Vivian Hanson, Disbursing Clerk, Code 2855

Vivian Hanson had foot surgery and is in need of leave.

Sharon Morgulec, Engineering Data Management Specialist, Code 36521

Sharon Morgulec had surgery and has exhausted her leave.

Jane Casey, Technical Writer, Code 3411

Jane Casey is in need of leave due to a heart attack and open-heart surgery.

Herschel Sibley, Mechanical Engineering Technician, Code 3571

Herschel Sibley underwent coronary angioplasty procedures and is in need of leave.

Mary Kathleen Smith, Fiscal Accounting Clerk, Code 2855

Mary Kathleen Smith had laparoscopic surgery and is in need of leave.

Nancy K. Bryant, Management Analyst, Code 2281

Nancy K. Bryant is suffering from severe fibromyalgia symptoms and arthritis in her back.

Jo Crom Smith, Contract Surveillance Rep, Code 2623

Jo Crom Smith needs leave in order to care for her twins who are on medication due to child-birth complications.

Deborah A. Birch, Secretary, Code 642A

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

Adriana Ledford, Secretary, Code 2853

Adriana Ledford is in need of leave as a result of pregnancy complications.

Alvina S. Quintanilla, Contract Specialist, Code 254

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

Trisha Chan, Program Manager, Code 3402

Trisha Chan needs leave to care for her husband who is terminally ill with cancer.

Jesse Ray Lewis, Jr., Police Officer, Code 2413

Jesse Ray Lewis, Jr., has been off work for several months as a result of back surgery and complications resulting from the back surgery.

Judy A. Eldredge, Code 2862

Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for Acute Lymphatic Leukemia.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department channels to Code 224. (Code 224)

IS THERE AN ANSWER TO CANCER? (8 hrs.)

9 September; Wednesday, 0800-1600; Training Center. By: Dr. Glen Blix.

This 1-day seminar will provide information to help remove some of the misunderstanding and dispel some of the myth that surrounds the diagnosis of Cancer. It is designed to provide a basic description of the disease process as well as explore the recent research and advances in understanding the causes, treatments and prevention of cancer. It will include a question

and answer time to address specific questions related to cancer.

The course will include:

1. A definition of the disease and an explanation of how it develops.
2. A description of the different kinds of cancer and how they affect our society.
3. Cancer causing substances and the relative risk to our health.
4. Current treatment modalities and the theory behind their implementation.
5. Unproven and questionable remedies.
6. Cancer and your mind - the psy-

choneuroimmunology of cancer.

7. Steps you can take to reduce your risk of contracting the disease.

Presentation Method: Lecture

Deadline: 1 September

To enroll in this class, please submit an On-Center Training Request to Code 2243. Point of contact is the Wellness Program Office, ext. 939-2468.

REAL TIME COMMITMENT (16 hrs.)

25-26 August; Tuesday-Wednesday, 0730-1630; Training

Center. By: Linda Andrews and Jack Latimer, Code 30.

Intended audience: Managers, supervisors, and other interested employees.

Do you find your time monopolized by too many organizational details? Do you have to shepherd products through development? Do you have to do it yourself or it doesn't get done? Do you have insufficient time to address strategic issues facing your team? If your answer is "yes," then you are probably interested in understanding the impact of COMMIT-

MENT—yours as well as that of others in your work team. Commitment is a central issue as your team moves toward being more able to solve their own problems and manage themselves.

Real Time Commitment is a developmental process that will dramatically improve commitment in your organization. It will enable you to understand how to motivate yourself and everyone in your group. Participants will learn how to: solve problems, address and resolve conflicts, maximize performance, build collaborative partnerships, understand others, initiate and follow through, and negotiate interpersonal relationships.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

TEAM PROBLEM-SOLVING TOOLS (8 hrs.)

25 August; Tuesday, 0745-1615 (note the unusual time); Training Center. By: Bob Huey, Code 15.

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

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

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

HAZARDOUS WASTE TRAINING (7 hrs.)

Attendees may choose any one of the following dates:

26 August; Wednesday, 0800-1600; Room 205, Training Center, or

23 September; Wednesday, 0800-1600; Room 211, Training Center.

By: Environmental Project Office (Code 008) and Safety and Security Department (Code 24).

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

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

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

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

Enrollments are on a call-in basis. Point of Contact is the Environmental Project Office, 939-2893. Many departments have identified personnel who need this training. Check with the Environmental Point-of-Contact for your Department to assure you get this training if needed. Call in your enrollment with your preferred date for the training.

Deadline: 12 August for the 26 August and 23 September sessions.

SOLID PROPELLANT ROCKET MOTOR DESIGN TECHNOLOGY (44 hrs.)

28 September-4 November; Monday and Wednesday, 0730-1130; CLPL Cafeteria Conference Room.

This course will provide a working background for a better understanding of solid propellant rocket technology. Basic principles and fundamental equations required for calculating motor performance characteristics will be presented. Official training credit will be given to those who successfully complete the program. This course is open to all employees with an interest in solid propellant rocket motor design techniques.

NOTE: Class size is limited to 20 students. To enroll, call Peggy Murphy at 939-7990. For additional information, call Harold Platzek at 939-7327.

PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the task/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in the advertisement is highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

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

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

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

MERIT PROMOTION

No. 01-600, Interdisciplinary, (General/Electrical/Computer/Electronics/Aerospace Engineer/Physical Scientist/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/850/854/855/861/1301/1310/1515/1520/1550-3/4, Code C026, Multiple vacancies. (Detail NTE 1 year but may become permanent). This position is located in the Embedded Computing Institute, Deputy Commander for Research & Development (R&D), Naval Air Warfare Center Weapons Division, China Lake. The Embedded Computing Institute provides technology transfer, development, research, applications, and training in real-time embedded computing systems onboard tactical missiles and aircraft. Through cooperative teaming endeavors between industry, academy, and the Naval Air Warfare Center Weapons Division, the Institute will facilitate work on embedded computing problems to find solutions, and transition results to the DOD community and commercial concerns. Job Relevant Criteria: Knowledge of real-time embedded computing systems onboard tactical missiles and aircraft; knowledge of modeling and simulation of embedded computer systems; knowledge of the embedded computing technology acquisition process; ability to bring own project funding is highly desirable. PCS is authorized. This vacancy announcement opens on 31 July 92 and closes on 14 August 92.

Division. This position is for the Youth Sports Program. The individual will be responsible for planning and implementing youth sports and youth summer activities. Duties include, but are not limited to, plan each sports season (basketball, soccer, volleyball and hockey), distribute appropriate publicity information, conduct a variety of youth trips both day and night, instruct and supervise staff on policy and responsibilities, track staff and handle staff disciplinary actions. Should have experience with sports programs. Experience with computers and supervision is helpful. Job Relevant Criteria: Knowledge of sports and recreation needs of young people; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others. The incumbent may be required to serve a 1-year supervisory probationary period. Full performance of this position is DG-2. This vacancy announcement opens on 7 August 92 and closes on 21 August 92.

No. 26-005, Maintenance Worker (Helper), WG-4749-5, Code 226/267 (Multiple vacancies) - These positions are located in the Public Works Department, Construction/Project Support Division (Code 266), and the Recurring Maintenance/Utilities Division (Code 267). The Code 266 helpers will be working with journeyman level locksmiths, painters, carpenters and masons. The Code 267 helpers will be working with various areas of recurring maintenance journeyman level heating, ventilation, and air conditioning (HVAC) mechanics, electricians, and pipefitters. The incumbents will be responsible for assisting various journeyman maintenance mechanics and be trained to become eli-

No. 19-003, Recreation Assistant (Youth) Supervisory, DG-0189-01, Code 192 - This position is located in the Morale, Welfare, and Recreation Department, Youth Activities