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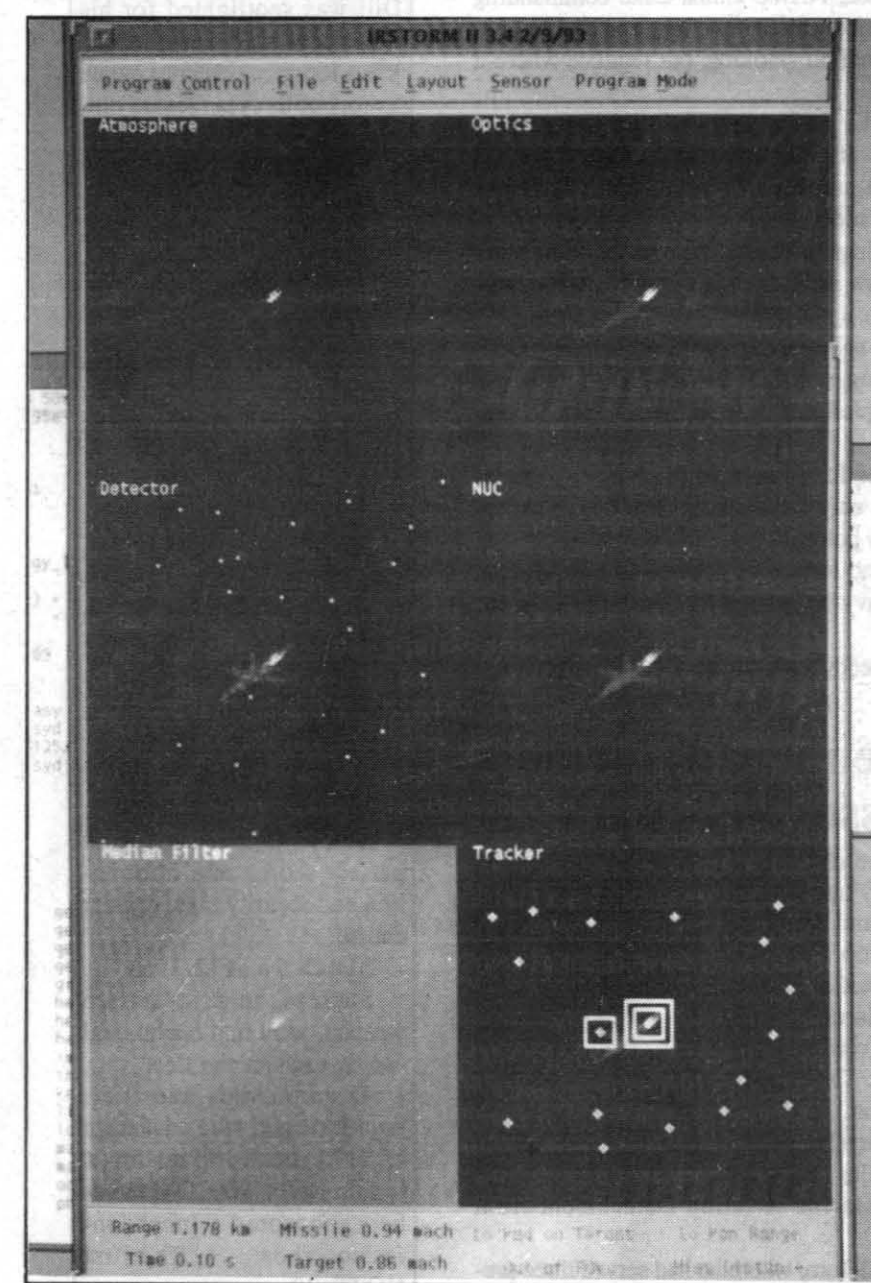


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IRSTORM II computer simulation proceeds through the target recognition process. Most probable target is depicted in lower right corner in double box.

Simulation model helps engineers assess infrared seeker performance

IRSTORM II gives developers more sophisticated modeling capabilities for IR seekers

Pam Harris
TID

Understanding that there could be a better way, China Lake made the decision to go in another direction... "The year was 1991, and the method everyone was using to evaluate IR-seeker concepts was to build and test seeker hardware," John Auburn recalls. To help make early seeker concept decisions and reduce the cost and development time for advanced IR seekers, China Lake focused on software simulations. "With our expertise in weapons technology, we felt we could do seeker simulations better than anyone else."

Doing what no man — or for that matter no woman — has done before, China Lake scientists have pioneered a modular simulation model, the Infrared Seeker Trade-Off Requirements Model II (IRSTORM II) to help engineers accurately assess the performance of IR seeker systems.

According to Stacy Egan, IRSTORM II team leader, existing models and simulations of seekers are either too simplistic in their modeling capabilities or too detailed and specific.

"IRSTORM II is unique in that it is believed to be the first detailed imaging infrared (IIR) seeker modeling program in the country that can do performance predictions for the simulation of future weapons systems," explains Ike Fujiwara, formerly of the Electro-Optics/Infrared Technology Office where IRSTORM II was originally facilitated. IRSTORM II lets the user look at different concepts without going through the expensive trial-and-error process of building conceptual hardware. "This simulation gives us a tool that maximizes available funding. Of course, validation studies are still

Please see **IRSTORM**, Page 12


Perry recommends moving 302 to CL in BRAC 95

Weeks, indeed months, of speculation ended when Secretary of Defense William Perry released his recommendations to the Base Realignment and Closure Commission for closure and realignment of U.S. military installations," said RADM. Dana McKinney, commander, Naval Air Warfare Center Weapons Division.

Recommendations submitted to the commission would, if ultimately accepted, bring 302 billets to the China Lake site of NAWCWPNS. The billets would move here from the Naval Air Warfare Center Aircraft Division site at Indianapolis, which is recommended for closure. There was no impact, gain or loss, to the Point Mugu site of NAWCWPNS in the Department of Defense recommendations.

In all, 146 stateside military installations were recommended for closure or

Please see **BRAC**, Page 13



Near misses
Several close calls bring the reminder that Richmond Rd. traffic now must stop at Inyokern Rd., near the credit union.

Sandy Rogers heads Program Management

Second in a series of profiles on competency leaders

10

George Teate receives Walden Award

Senior technician recognized for his contributions

8

NAWS plans cleanup March 18

By Peggy Shoaf
Environmental Public Involvement Office

While there are many reasons why people go through the ritual of spring cleaning each year, the result is the same — a sense of pride when the job is done.

Cdr. Gregg Howard, executive officer of the Naval Air Weapons Station China Lake, would like to see that pride extend to the Station and is asking for volunteers to help "clean up" the Station on Saturday, March 18, from 8 a.m. to noon. The cleanup effort headquarters will be at the Community Pool located behind the Exhibit Center. Volunteers will be assigned a targeted cleanup area at this time and given trash bags, which will be picked up later that day.

"I would like to accomplish a spring cleanup and create an awareness that it is everybody's business to get involved in keeping our base cleaned," he said. "I would really like to see everyone taking ownership of the base and increasing their pride of the base."

Areas to be concentrated on in the cleanup effort include the housing areas and the major road areas, including the roads heading out to the airfield.

Please see **CLEANUP**, Page 14



GETTING A HEAD START on the March 18 cleanup day are Cdr. Gregg Howard, NAVWS XO (left), and AOCM Bill Willis, CMC.

Weather

	High	Low	Gusts	Humidity
Wed	84	45	4	69-21%
Thurs	80	45	2	62-16%
Fri	83	41	—	—
Sat	84	47	—	—
Sun	78	42	—	—
Mon	77	45	1	65-27%
Tues	74	49	3	74-34%
Wed	70	42	5	76-33%
Thurs	62	43	5	76-54%
Fri	71	49	11	74-30%
Sat	76	52	—	—
Sun	76	55	—	—
Mon	73	48	4	32-17%
Tues	74	36	1	61-15%

China Lake Calendar

Monday-Friday, March 13-17

• Navy/Marine Corps Relief Society Training Class

Wednesday, March 15

• "Federal Downsizing" video on TVIS, 10 a.m., 1 p.m.

Saturday, March 18

• Petroglyph tour leader class

• NAVS cleanup day starts at 8 a.m., community pool

Saturday, March 25

• Bluejacket of the Year Award Dinner, Seafarer Club

Saturday, April 1

• MAD Dash, 10K run, 5K walk, starts 8 a.m. at the MAD parking lot, corner of Nimitz and Lauritsen roads. Call 939-6601 for more information.

THE ROCKETEER

RAdm. Dana B. McKinney
NAWCWPNs Commander

Capt. Charles A. Stevenson
NAWSCL Commanding Officer

Cathy Partusch
Public Affairs Officer

Steve Boster
Managing Editor
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Editorial deadline: 4 p.m., Wednesday of non-flex weeks.

This deadline also applies to submissions for the NAWCWPNS Announcements contained herein; the PAO Info Line; and cable Channel 17, KNID, Reader Ads.

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code C08033 (750000D), NAWCWPNS, 1 Administration Circle, China Lake, CA 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (If unable to find this name: under the QuickMail menu select Directory Services, then select CL NAWC WIDE NS NameServer directory service and CL MAINSITE zone, and try find.) Fax information to 939-2796, or call 939-3354.

Information intended for use in PAO Info Line and KNID Reader Ads should be sent to Linda Lou Crosby at THE ROCKETEER's mail or QuickMail address, or she may be reached at 927-3095.

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Smoking policy set for China Lake

(Editors Note: The following article is the result of several questions submitted to Commanding Officer's Desktop on smoking policy at NAWS public facilities.)

Improved military readiness, better health and a healthier quality of life are behind a new Naval Air Weapons Station policy that bans smoking in most areas where food is served at China Lake starting March 15.

Captain Charles A. Stevenson, NAWS China Lake commanding officer, said it is important to note this instruction, and the policies used to implement it, do not prohibit smoking, but regulate where it may be done.

"I know this policy is not the perfect answer to this issue," said Capt. Stevenson. "The Navy is committed to moving toward a smoke-free environment for a number of reasons and this is one more step in that direction," he added.

The new instruction also brings the Navy close to the same standards imposed by California law on individuals and businesses off-station.

Several questions have been submitted to the "Commanding Officers Desktop" regarding smoking, noted the NAWS CO, "I think this new policy will answer those questions by employees," said Stevenson.

Smoking has been prohibited for some time in all Navy vehicles and in all Navy buildings with only a few exceptions. These exceptions are reduced under the new policy.

Specifically, smoking will no longer be allowed in any Morale, Welfare and Recreation or Navy Exchange facility other than the exceptions noted below.

1. Smoking is allowed in Freddy's and in the CPO Lounge at the

Please see **SMOKING**, Page 16

Col. Jerry Agenbroad, former MAD CO, passes February 23

Members of the military and civilians at China Lake were saddened early last week at word of the passing of Colonel Jerry R. Agenbroad, USMC (Ret.), on Feb. 23. Memorial services were conducted at Marine Corps Air Station El Toro, March 1, with Major General P.D. Williams, commanding general, delivering the eulogy. The funeral was held Saturday in Boise, Idaho.

Agentbroad was a popular member of the China Lake community when he served as commanding officer of the Marine Aviation Detachment from September 1990 to July 1992.

He then returned to MCAS El Toro, where he had served three previous tours, and assumed the position assistant chief of staff for training. In June 1993 he became El Toro's MWR director, and after retiring this February, he competed for and was selected to remain in the position as a civilian.

Col. Agenbroad held a bachelor's degree in mathematics from the University of Idaho and a master's in business administration from Webster University. A Vietnam veteran, his many decorations included two Legions of Merit, the Purple Heart, the Defense Meritorious Service Medal, the Meritorious Service Medal, five Air Medals and various others.

He is survived by his wife, Helen, and daughter, Heidi.

Memorial cards and contributions may be sent directly to Helen Agenbroad, 8700 E. Mountain View Road, No. 1031, Scottsdale, AZ, 85258. The MAD is also collecting signatures on a card and accepting donations at its headquarters adjacent to the Branch Medical Clinic at the corner of Lauritsen and Nimitz.

Corrections . . .

Sonic Boom Complaints:

In the Feb. 23 issue of *The Rocketeer*, Page 2, the correct telephone number for the NASA Dryden Flight Research Center, Edwards AFB should have been (805) 258-3449.

Treaty Talk:

According to J. P. Morgan, who was credited with writing Capt. Hull's presentation script on international treaties, Jenny Hazelwood actually wrote two-thirds of the script.

Pages From The Past

March 8 & 15, 1985

Darrell Bymoen, Fay Hoban and Douglas Savage received Technical Director's Awards for their contributions to the Vertical Launch ASROC program. . . . Louis Dill was spotlighted for his work as a project engineer at Echo Range. . . . Navy League Sailors of the Year Award dinner honored AO1 John L. Cribb from VX5 and AO3 Bruce Mahaney from NWC. . . . Stan Obergfell was spotlighted for his work at the Range Control Center.

March 7 & 14, 1975

BEQ Master at Arms Mess Management Specialist First Class Melito Guanga was selected March Bluejacket of the Month. . . . The BD-5 airplane, a miniature-size jet engine powered aircraft, was here for tests. . . . The Jolly Roger, the enlisted men's club, closed its doors. . . . China Lake Search and Rescue Team conducted a demonstration and briefing. . . . W. E. Davis, director of Security was congratulated by RAdm. R. G. Freeman for his perfect scores in a information and security management course.

March 5 and 12, 1965

Snakey, an air-to-surface weapon, went into operational use by units of the fleet. . . . DoD employees and their families could take advantage of \$175 round trip air travel to Europe. . . . WACOM members sponsored a luncheon-fashion show. . . . The first NOTS 20-years pins were awarded to nine station employee. . . . Porpoise studies at Point Mugu were filmed for a feature on NBC television. . . . Dr. Marguerite Rogers received the Woman of the Year Award from the Business and Professional Women's Club. . . . Dr. Hugh Hunter took over the reins of the Research Department.

March 4 & 11, 1955

William P. Deavers received the Meritorious Civilian Service Award. . . . The word Inyokern was eliminated, and China Lake added, as part of the official Station name. . . . Seabees celebrated their 13th anniversary with a dinner at the Community Center. . . . GS7 inhiring pay was increased to \$4,580 a year for engineers, physics and scientists.



A kick-off meeting for the Committee for a Safe Graduation will be held tonight at 7 p.m. at the Burroughs High School teachers lounge.

Parents of seniors in the Ridgecrest area are encouraged to participate. Volunteers are needed to work now and during the party. Held at the Naval Air Weapons Station, China Lake, the party provides a safe, but fun place, for seniors to celebrate their graduation. Call Roy Parris at 446-3621 or David Mechtenberg at 446-5738 for more information.

####

The China Lake Photographic Society will present a color slide program tonight at 7 p.m. at the Maturango Museum, on "The Art and Technique Behind Professional Nature Photography." Mel Nadler will illustrate techniques and the creative process in professional nature photography. The program is free and open to the public.

####

Scorpion Soccer Club will be sponsoring a soccer referees clinic March 11 and 12 from 8 a.m. to 5 p.m. at the Ridgecrest Community Hospital Achievement Hall. The clinic will be for anyone interested in becoming certified to referee soccer games. Please contact David Mechtenberg at 446-5738 or Randy Gamble at 375-7097 for sign up or questions.

####

Low-cost pregnancy screening services

are scheduled at the Health Department, 250 W. Ridgecrest Blvd. from 8 to 10 a.m. on March 14 and 21. Available services include pregnancy testing, counseling, health education and referral information on prenatal and family planning services. The test can determine pregnancy as early as two days after a missed menstrual period. There is a \$5 charge for each test. Call 375-5157 for an appointment.

####

WACOM will hold its next meeting Wednesday, March 15, at the Seafarer Club beginning with a social time at 11 a.m. and luncheon at 11:30. Entertainment will be "A Mini Spring Jamboree" consisting of "Three Old Goats and a Kid," a barbershop quartet and "The Boots and Blisters," a clogging group. All entertainers are from our local area. Reservations are required and can be made by calling 375-5434.

####

Members of the Maturango Investment Club have set their monthly meeting for March 15 in the Community Room of the Ridgecrest Branch Library. The meeting starts at 7 p.m. Prospective new members are welcome. The club is affiliated with the National Association of Investment Clubs and helps members learn the fundamentals of making investments in the stock market or mutual funds. For more information call Dennis Rowell at 446-5049.

####

Immanuel Christian School will present singer-comedienne-ventriloquist Susan Gift-Porter in concert at the NAWS Auditorium on Friday, March 31, at 7 p.m. Students will be featured in the concert which is being held to raise funds for a scholarship fund. Tickets are available from local merchants, ICS students, the ICS office and at the box office.

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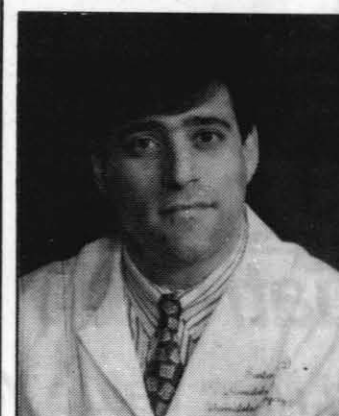
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Seabees, CEC and others celebrate an evening 'steeped with history'

By Barry McDonald
Editor

With the front wall draped in camo netting adorned with plaques, emblems and other memorabilia, the other walls also decked with symbols of their trade, the room backed with a large exhibit of photos from the past, the Seabees of Naval Construction Force Support Unit Two (NCFSU-2), Detachment B, celebrated the 128th Anniversary of the Civil Engineer Corps and the 53rd Anniversary of the Seabees last Saturday in the ballroom of the Seafarer Club.



Adm. David E. Bottorff (Ret.)

Allan Ford, assistant command chaplain, the crowd of approximately 100 enjoyed a fine buffet meal that included salad, two vegetables, rice pilaf, baked potato, breaded chicken and prime rib with the world's strongest horseradish. Presentation of the colors by Sea Cadets Aaron Booth, Melissa Murphy, Lacy Miller and Bill Bowerman signaled the beginning of the evening's program.

In lieu of the traditional reading of the history of the Seabees, Armie Armstrong gave a short history lesson on the involvement of the 21st Naval Construction Battalion.

The 21st was commissioned Aug. 28, 1942 with 1200 men. After basic training at Camp Bradford, Va., the battalion was sent by rail to Port Hueneme, then to Seattle where it embarked for Dutch Harbor in the Aleutians. Despite sub-zero temperatures and high winds they built several facilities.

After American Forces took the offensive in the Pacific, the 21st spent six months stateside in training before being shipped to Pearl Harbor, where they gathered materials necessary for their next campaign, and built a housing area with all facilities and living quarters for 1500 men in six months.

After jungle training and vaccinations, they were off to

Saipan where they completed runways and assisted in launching the first B-29 bomb raid on Tokyo. Then they prepared for the invasion of Okinawa, which began in April 1945. Scheduled to go ashore at Atsuta in the Brown Beach area, they were temporarily delayed by a huge sea wall. After a couple of rounds from a nearby cruiser knocked a hole in the wall, the 21st went ashore and set to unloading three LSTs.

By June 1945, the island had been secured and the 21st began to prepare the staging area for the final drive into mainland Japan. But after two months, one night there came some unannounced and surprising anti-aircraft fire that led to confusion on the ground in the camp. Then the PA system announced the unconditional surrender of Japan.

"The war is over! Now we can go home, back to the greatest country in the world, Mainland USA," Armstrong enthused.

King Bee Ritchie then read the birthday message from RADM. Jack E. Buffington, NAVFAC commander, and introduced special guests for the evening, who, besides Armstrong and the other World War II Seabees, included RADM. Thomas S. Maddock, CEC, USNR, (Ret.), former commander, Reserve Naval Construction Force/First Reserve Naval Construction Brigade; Capt. Charles A. Stevenson, NAVS CO; Col. John J. Moyer, MAD CO; and the evening's guest speaker, RADM. David E. Bottorff, CEC, USN (Ret.), former commander, Naval Facilities Engineering Command, and chief of civil engineers.

RADM. Bottorff picked up the history of the Seabees where Armstrong left off. "We've taken what we experienced not only from World War II, but from Korea and Vietnam and now from the Persian Gulf," he said, "and learned from it. We're willing to change to do what we do better."

He took a light-hearted swipe at the Army regarding Desert Storm, noting the Army was still preparing to move a battalion to the region, when the Seabees had already rotated once.

"When the whistle blew, we were ready," said Bottorff. "We had battalions from Guam, Okinawa and the U.S. and started our normal rotation with others filling in behind. And we had quite a number of battalions volunteering to go if they got the chance."

He added that if the war had gone on longer, it was likely the call would have come for Naval Mobile Construction Battalion 17, the battalion to which China Lake Seabees were attached until a reorganization last October.

Bottorff then described a Scottish tartan he'd taken to lectern. Officially registered with Scotland as the Seabee Tar-



OLDEST AND YOUNGEST Seabees, Armie Armstrong, 83, and CE2 Russell Rivas, 25, perform the cake cutting ritual.

tan, it was designed by NCB-1, and the registration application was signed by Bottorff as the "chief of the clan."

The green in the design, Bottorff said, represented Seabee Green; the dark blue for the U.S. Navy; the light blue for the oceans Seabees have crossed; the brown for the mountains of earth they have moved; red for the blood shed by Seabees; and the gold for the twinkle in every Seabee's eye.

The evening moved on to business then, with the announcement of Seabee of the Year for 1994 by CWO2 Nestorio Domingo, assistant officer-in-charge of NCFSU-2. Det. B. Domingo called CM2 Peter A. Weydert to the podium and read the citation.

"You distinguished yourself through outstanding service as the detachment's operation petty officer," he read, in part. "You were called upon on a weekly basis to provide the Naval Air Weapon Station's Self-Help Program Office with advice, planning, scheduling, project estimates and manning capabilities for Seabee supported projects at China Lake." The citation went on to laud Weydert for his leadership in the completion of 11 construction training projects, which provided detachment personnel with more than 170 man-days of training and saved the government \$80,000."

CE2 Russell A. Rivas was then officially reenlisted by CWO2 Domingo after which Rivas, 25, the youngest Seabee, joined Armie Armstrong, 83, in the traditional birthday cake cutting ceremony.

The evening closed with dancing to Sound Waves.



China Lake Auditorium begins free movies for military and dependents

JOINING the crowd around the snack bar at the Grand Opening of the Free Movie Program last Sunday are (l-r) Alonzie Scott, MWR director; Capt. Charles A. Stevenson, NAVS commanding officer; AOCM Bill Willis, command master chief; and Cdr. Gregg Howard, executive officer.

Photo by Barry McDonald

Chapel Friendship

By Lt.j.g. C. Allan Ford, CHC, USNR
Assistant Command Chaplain



"A friend in need is a friend indeed." That is an old saying that I have known and used for many years. Friendship, true friendship, is a key to any successful relationship. A friend is one who is willing to help you in the thick of problems and in the thin of happiness. But what is the key to lasting friendship? The answer is simple but not easy. Proverbs 18:24 states the truth that to have a friend, you must be a friend. "A man of

many companions may come to ruin, but there is a friend who sticks closer than a brother."

Here are some truths that we need to know in taking care of our friends:

A real friend is thoughtful — Real friends refrain from saying "I told you so," and especially from repeating matters shared in confidence. Sensitivity, confidentiality and thoughtfulness are important to friendship.

A real friend is careful — Gossip will destroy a friend. So be careful! If we earn a reputation for violating confidences, we may find ourselves short of friends.

A real friend is truthful — A real friend stabs you in the front, not the back. "An honest answer is a sign of true friendship." When friends tell the truth to one another, sometimes the sparks fly. When done in love, the end result usually is a deeper friendship.

A real friend is helpful — Carefully choosing friends is important because we become like them. Friends help you discover yourself as a person.

A real friend is faithful — A real friend is always there for you. Even in hard times, a true friend is there. False friends are like shadows. You see them

when the sun is shining, but when you step into the dark, they disappear.

Here are some body parts of good friendship. The eyes — open to see all needs, even in dark places. The ears — open to listen to all needs, as a true friend. The heart — open to share others' feelings in interested empathy. The feet — moving, visiting, carrying, going to, going for. The hands — extended and open to grasp and lift, to give a hand. And the knees — crouched from praying for and praying with.

If our eyes, ears, heart, feet, hands and knees are open and dedicated to meeting the needs of our friends, then we are truly serving them as their friends. Friendship requires time, energy, dedication and sacrifice. The question that I ask of you, are you a true friend?

Bluejacket — AD1(AW) John Edward Bastin

Aviation Machinist's Mate First Class John Bastin has plenty to be proud of nowadays. Not only is he a candidate for the Bluejacket of the Year Award, but he's just been named Air Test and Evaluation Squadron Nine (VX-9) Sailor of the Year.

Bastin, his wife, Jane, and their children, Dylan, Tyler and Amber, came to China Lake in September 1993. He has been assigned to Maintenance Control as the Support Equipment Preventative Maintenance System coordinator where he has supervised a division of 107 personnel and five different work centers. He was instrumental in the reorganization of all maintenance programs within the division following a major restructuring of the department. These efforts were rewarded by the command receiving an overall grade of excellent in the COMNAVAIRPAC AME and major corrosion inspection.

All this work doesn't leave him much free time for completing the credits needed for his associates degree or his hobbies of fishing, refinishing furniture and fixing up old cars. "I love it here," Bastin said. "China Lake is one of the best places I've ever been. My family likes it a lot, too. The family housing here is the best I've seen. There are lots of friendly people here."

He says he plans to make chief and stay in the Navy for another eight years.

A native of Little Rock, Ark., he worked as an aircraft mechanic's helper and

Please see **BASTIN**, Page 6



Bluejacket — AMS1(AW) William M. Singletary

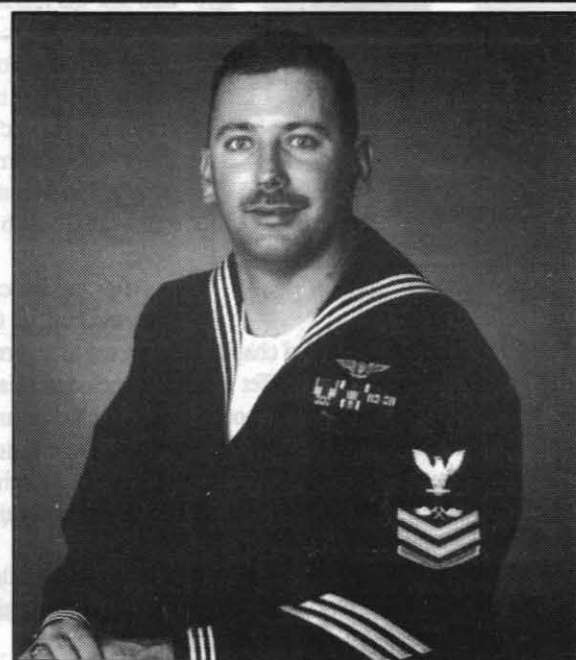
Bluejacket nominee AMS1 William Singletary, from the NAWS, currently works in the Quality Assurance Branch and is in training as an "all systems" quality assurance representative on the F/A-18 and A-6 aircraft. "This is the best command I've seen since I've been in the Navy," he said. "I enjoy my work, my off duty and the base. I've been treated very well since I got here."

Extensively involved in the local community, Singletary says, "I love China Lake. It's going from one extreme (from former duty station Diego Garcia) to another. I grew up in a town the same size as Ridgecrest. There is a lot to do here. You've just got to go out and find it and get involved."

At Mason Lodge 691, he is an officer and team leader as well as editor of its newsletter. He is a charter president of the Pearl Harbor Survivors Sons and Daughters organization and is an assistant scout master for the chapel's Troop 41. Singletary is also vice-president of the First Class Petty Officer's Association.

Singletary and his wife, Jennifer, came to China Lake in July 1993, but he immediately left to attend school at Naval Air Station, Lemoore for three months. In January 1994 he became the Airframes Branch LPO as an F/A-18 collateral duty inspector, Auxiliary Security Force squad leader and assistant coordinator of the Enlisted Aviation Warfare Specialist Program.

Please see **SINGLETARY**, Page 6



REC BITS

Morale, Welfare & Recreation Department

Writing and Composition by Debra Poindexter, MWR Marketing

Library celebrates National Women's History Month

During the month of March, the China Lake Community Library joins other American learning centers in celebrating National Women's History Month.

This year's theme,

Women's History:

Promises to Keep, gives the opportunity to celebrate the lives of women who have preceded us and to honor and recognize the work of contemporary women who are doing so much to keep the promise of dreams and accomplishments alive.

The Library's collection includes many books pertaining to women—their literature, art, music, history, politics, psychology, education, biographies and much more.

The China Lake Community Library also houses an extensive video library which examines women's history in the United States—covering the daily life experiences, work lives and

involvement with social issues of women from a wide variety of geographic, racial and ethnic populations.

National Women's History Month is an opportunity for readers to learn the historical roles and accomplishments of women from all walks of life.

Readers are encouraged to visit the Community Library and browse through all materials in honor of the countless women who have made major contributions to our lives.

Library hours are: Sunday, 10:00 a.m. to 6:00 p.m., Monday-Thursday, 11:00 a.m. to 8:00 p.m. and closed on Fridays and Saturdays. For additional information on Women's History Month or the China Lake Community Library, call 939-2595.



Express yourself at the knack shack

The Craftech Center, located across the street from the Navy Exchange Gas Station, is ready to meet all of your creative needs and help you express your creative side. The following classes are now forming.

Leaded Glass	Mondays	5 to 7 p.m.
Basket Making	March 10th	10 a.m. to 2 p.m.
Rice Paper	March 19th	9 a.m. to 2 p.m.
Basket Making	March 23rd	6:30 to 9:30 p.m.
Basket Making	March 24th	6:30 to 9:30 p.m.
Portrait Class	April 1st	Time open

Craftech has a complete line of ceramic products, class supplies, state-of-the-art wood shop and the ever popular ticket savings place...ITT (Information, Ticket & Tour) Office. California amusement attractions, outdoor retreats and museums and more, are available.

Plus, the Craftech Center houses a four season gift shop—complete with t-shirts, mugs, hats, buttons and customized plaques for every need.

Craftech is also available for all your professional work needs. Brass, silver and specialty wood plaques are made in-house to your specifications.

For additional information, call the "craft experts" at the Craftech Center at 939-3252.

Outdoor pool now open

The China Lake Community Pool is now open! Meanwhile, the Gym indoor pool is closed for renovation for approximately 6 months.

The Gym indoor pool water system will be updated and replaced, bottom of the pool will be resurfaced with fiberglass, deck will be replaced with tile which will continue up the walls 7 feet, the large sliding glass doors will be removed and replaced with standard size sliding glass doors for easier access. In addition, there will be a bulkhead placed in the indoor pool. This will allow us to hold swim meets in the indoor pool as well as expand programming without interrupting the regularly scheduled aquatic activities. All aquatic programs will be located at the Community Pool. For additional information or hours of operation, contact Jenny Slater at 939-0756.

Attention b-ball players

The next 3 on 3 basketball tourney will be held on March 24 and 25, 1995. The divisions for entry are open and 35 years of age and over. Deadline for league entry and rosters is March 20th, 1995. For more information contact Michelle Archuleta at 939-0754.



Laughter is the best medicine

Two exceptional stand-up comics appear tonight, March 9th, from 5:00 p.m. to 11:00 p.m. at the Seafarer Club! The DJ begins the evening with music at 5:00 p.m. with dancing after the comedy show. The comedians start at 7:30 p.m.

The laughs begin with Sharyn Cartier, one of the hottest rising stars on the comedy scene. Her distinctive comedy style and rapid firing delivery, will leave you wanting more. More is what you will get!

The next phenomenal comedian is Darren Carter. He is a red headed, energetic New Yorker who blazed on to the Hollywood comedy scene in 1989. He's performed at 250 colleges, 322 state tours and opened shows for George Carlin, MTV Spring Break and Comedy Central on the Comedy Cable Network.

Besides great comics, enjoy door prizes and a special menu. Active Duty Military receive free admission and all others pay \$5.00 per person. Tickets are available at the Seafarer Club. MWR encourages everyone to get your tickets in advance.

For additional information, contact the Seafarer Club at 939-8658.

Free movie program

The "FREE" movie program is open to all active duty military, retired military, reservists and their family members. Regular movie schedule is Fridays, 6:30 p.m. and 9:00 p.m., Saturdays, 12 noon, 7:00 p.m. and 9:00 p.m. and Sundays, 1:00 p.m. and 7:00 p.m. Refreshments are available! Movie schedule is subject to change. For more information, call 939-2010 or 939-2602.

March 10	6:30 p.m.	Rapu Nui (R)
	9:00 p.m.	Fortunes of War (R)
March 11	1200 noon	The Next Karate Kid (PG)
	7:00 p.m.	I Love Trouble (PG)
	9:00 p.m.	Wolf (R)
March 12	1:00 p.m.	Camp No Where (PG)
	7:00 p.m.	Renaissance Man (PG13)

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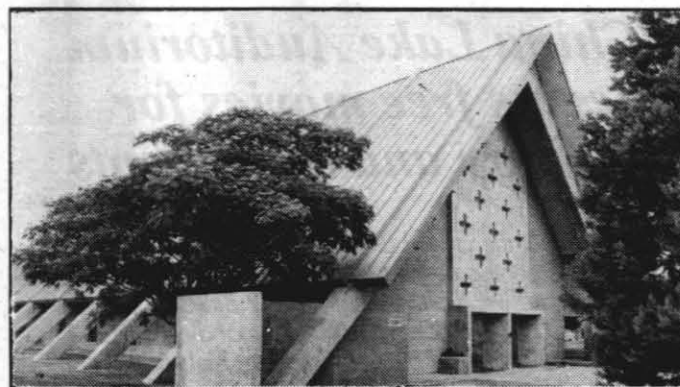
Protestant

Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher (September thru May)	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	9:00 a.m.
Men's Prayer Breakfast, East Wing, Thursday	11:30 a.m.
Adult Bible Study, East Wing, Thursday	6:00 a.m.
Jewish (446-3613 Messages)	7:00 p.m.
Weekly Services, Friday, East Wing	7:30 p.m.
October through June	
Hobrew Classes, Saturday, 1902 Dibb	2-5 p.m.
Adult Education, Saturday, 1902 Dibb	10 a.m. - noon
September through June	
Religious School, 1902 Dibb	
Tuesdays, Age 4 and up	5:30-6:30 p.m.
Friday, 2nd grade and up	6:30-7:30 p.m.

Roman Catholic

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

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Chaplain C. Allan Ford, Lt.j.g., CHC, USN
Chaplain Steve Leupers, Lt., CHC, USNR
Joel Abraham, student rabbi

Office Hours Monday-Friday, 0730-1630; Flex Fridays, 0730-Noon
939-3506, 939-3507, 939-2773, 939-2873

SMOKING from Page 2

Seafarer Club.

2. Smoking is permitted in the Barefoot Bar.

3. Smoking is allowed in the ballroom of the Seafarer Club during Tuesday night bingo only.

4. Smoking is permitted in a well defined "bar area" in the golf course clubhouse.

There will be no smoking in any part of the Seafarer Club outside the bars except during bingo.

There is also no smoking at the NEX Snack Bar, and no smoking is allowed at Hall Memorial Lanes bowl-

ing alley.

Second-hand smoke is a significant health hazard according to federal officials.

The new limits on smoking will help minimize the risk to non-smokers while allowing smokers their own areas.

A well marked smoking area is provided outside each MWR and NEX facility for customers who desire to smoke.

Additionally, although MWR and NEX employees cannot smoke on duty, smoking areas are provided for their use during break periods.

Video specials on TVIS, Cable 44

In December, C-SPAN recorded a one-hour discussion between Bruce Moyers, executive director of the Federal Managers Association (FMA), and James King, director of the OPM, on the subject of federal downsizing. The local FMA chapter, in conjunction with the Training Center, plans to show this video via the TVIS system on Wednesday, March 15, at 10 a.m. and again at 1 p.m.

The video will be shown in Michelson Lab, Room 1000D and in Room 201 of the Training Center. It will be shown at 10 a.m. only in Hangar 3, Room 3209.

For locations of other TVIS sites, contact Bill Bethke at 939-0877 or Gene Schneider at 939-9755, or look for flyers outside conference rooms.

"Carrier: Fortress at Sea," a documentary shot onboard USS Carl Vinson during her deployment to the Persian Gulf in 1994 is produced by Emmy award winning producer Jim Lipscomb. Sailors, and others, should enjoy this two-hour inside look at the Fleet. It will air March 11 at 1 p.m., March 18 at 8 and 11 p.m. and March 19 at noon on Benchmark Cable's Discovery Channel, 44.

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Navy League's 1994 Bluejacket of the Year award dinner to be held March 25 at Seafarer Club

On Saturday night, March 25, the seven Bluejacket of the Year candidates will be honored guests of the Indian Wells Valley Council of the Navy League as they discover which of them walks away with top honors.

Navy League president, Dan Frame, and Ridgecrest City Mayor, Curt Bryan, will announce the winner.

This year's banquet is set for the Naval Air Weapons Station China Lake Seafarer Club. Tickets are now available at the China Lake Public Affairs Office, Administration Building, Room 1051; or Command Master Chief Fears at VX-9; or Master Chief Hausner at the Weapons Test Squadron.

For those without access to NAWS, call 446-4730 or 375-7859 for tickets. Tickets are \$12.50.

All the candidates will walk away as winners thanks to the Navy League membership and the Indian Wells Valley business community.

In addition to cash awards for all seven sailors, the Bluejacket of the Year receives numerous merchandise awards from local businesses and a special Navy League plaque.

BASTIN from Page 4

struction worker until enlisting in the Navy in January 1979. "I've worked on airplanes with my dad since I was 13," he said.

Bastin attended recruit training at Great Lakes, Ill., and aviation machinist mate "A" school at the Naval Air Technical Training Center, Memphis, Tenn., and then reported to HS-10 Fleet Readiness Aviation Maintenance Personnel (FRAMP), Naval Air Station North Island, as a student on the SH-3G Sea King helicopter.

He then joined VC-5 at NAS Cubi Point, Republic of the Philippines. He qualified as collateral duty inspector on the SH-3G, A-4E and TA-4J as well as a low/high power turn operator on both A-4E and TA-4J.

In 1982 he reported to Tactical Electronics Warfare Squadron (VAQ) 129 FRAMP, NAS Whidbey Island as a student training on the EA-6B Prowler. After graduation he checked into VAQ-132 in the Quality Assurance Work Center. He qualified as a full systems quality assurance rep and low/high power turn operator.

His first deployment was to the Mediterranean Sea aboard the *USS Eisenhower* as Troubleshooter Branch supervisor for the deployment. While deployed, Bastin qualified as an enlisted aviation warfare specialist and advanced to petty officer first class.

In 1986 he attended instructor basic school in Memphis before reporting to Naval Air Maintenance Training Detachment 1017 at NAS Kingsville, Texas. There he was a qualified instructor in two intermediate level maintenance courses, three organizational level courses and three pilot courses.

June 1989 found Bastin reporting to VAQ-140 back at Whidbey Island, and it wasn't long before he once again deployed aboard *USS Eisenhower*. In 1992 he took a third deployment on *Eisenhower* and this time they went to the Persian Gulf.

Bastin is also a plank owner of *USS George Washington*. While on *Washington* he was selected supervisor of the quarter and 1993 COMVAQWINGPAC "Prowler of the Year" for Line/Troubleshooter Division.

SINGLETERY from Page 4

A South Carolina native, Singletary attended The Citadel, the military college of South Carolina, before enlisting in the Navy in 1982.

After attending recruit training in San Diego, he reported for duty with Attack Squadron (VA) 81 at NAS Cecil Field, Jacksonville, Fla.

He deployed to the Mediterranean twice aboard *USS Saratoga* and participated in the Achille Lauro incident and Operation Attain Document (the air strikes against Libya).

His first shore tour was at NAS Meridian, Miss., in 1986, where he was the Tire Shop leading petty officer, the Structures Branch day shift supervisor and dual work center collateral duty inspector.

The Singletarys moved to Barbers Point, Hawaii, for a tour with Patrol Squadron (VP) 4 where he worked in the Airframes and Corrosion Control work centers.

In November 1990 he deployed to Naval Support Force Diego Garcia, where during Desert Storm his work center performed maintenance on transient aircraft as well as those assigned to NSF.

Upon his return to Hawaii, Singletary was chosen to lead an aircraft service period adjustment team. He then returned to the Airframes Branch and was designated an airframes collateral duty inspector and as an enlisted aviation warfare specialist.

Only three months after his daughter, Courtney Lynne, was born, Singletary returned to Diego Garcia for a second deployment.

Adding to his job skills, Singletary earned his collateral duty quality assurance representative, maintenance control coordinator and release safe for flight qualifications upon his return to Barber's Point.

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CLEANUP from Page 1

"I'd like to see all the brush piles in the housing areas that have accumulated during the winter storms be gotten rid of," Howard said, "and there are certain junk piles all over the base I would like to see cleaned up."

Howard would also appreciate people who know of specific areas that need to be cleaned up to call Lt. Johnson at 939-3609 to report the location.

Howard stressed that this is a strictly volunteer effort and that he hopes he can get members of the First Class Association, Boy Scouts, Girl Scouts, Sea Cadets and the Chief Association involved. "I am especially hoping that the chiefs will take a big lead on this project," Howard said, "because in my experience the chiefs are the best organizers in the Navy."

Howard said he also hopes that the civilians will become involved. "Even though they don't live on this

base, they work on it and they have to drive back and forth and see the mess," he said. "They are just as much as part of this base as the military, and I am hoping to get their participation."

"Lastly," Howard continued, "I hope our young people will get involved, they are the most environmentally

Watch out for snakes during cleanup

While the month of April is the general time frame for snakes to come out, warm weather may cause them to leave their winter nests early, said Phil Sodergren of the Naval Air Weapons Station China Lake Safety/Physical Security Department. People participating in the NAWS cleanup efforts on March 18 are advised to take care when picking up items outside.

"Arms and legs are the most vulnerable," said Phil

aware. I hope they pressure their parents to help out or just show up — we need everyone's help."

People who would like to donate three to four hours to the cleanup project can contact Johnson at 939-3609 or Howard at 939-2211.

A picnic will follow the cleanup efforts.

Sodergren, Safety/Physical Security Department, "but 60 percent of snake bites are on the hands and arms because of people putting their hands where they haven't looked first."

If you can't see the area where you are going to place your hands, then poke the area with a stick before putting your hands into that area. In other words, just use common sense."

Video Listings**KNID****Monday through Friday, March 13 - 17**

5:30 p.m.: Navy News
5:55 p.m.: Naval Sea Cadet Corps: "It's an Adventure of a Lifetime"
6:15 p.m.: Office of the CNR: "Navy Fire Fighters Thermal Imager"
6:20 p.m.: Bunaku Puppet Theater
7:10 p.m.: First Among Champions

Monday through Friday, March 20 - 24

5:30 p.m.: Navy News
5:55 p.m.: Safety Journal
6:30 p.m.: Office of the CNR: "People in Science: Investments in the Future"
6:45 p.m.: Navy R&D Briefing Report: "Life Without the Sun"
7:03 p.m.: California Chamber of Commerce: "Fighting for Your Business"
7:13 p.m.: Greater San Francisco Bay Area Vacation Council: "It's Your Vacation"

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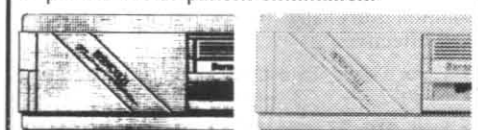
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Safety Sense

By Dena Christison
Safety Training Officer

Most of the heavy machinery you may work with is equipped with safety guards. Guards are designed to protect you and co-workers from numerous dangers, including moving or sharp machine parts, flying sparks or particles and hot surfaces. Conscientious use and maintenance of machine guards will keep them working as your front-line defense against serious injury.

Guards help protect your arms, hands and fingers, which are especially vulnerable to injury, from a variety of machinery parts. Cutting edges, punching, in-running shafts, pointed objects, gears, press components and so forth, all possess

Machine guards protect you and your co-workers

characteristics that can severely injure a worker. The machines you use must be equipped with guards if there is any way your hands could come in contact with the point of operation or any moving parts on the machine. In addition, the guard itself should not have any sharp surfaces or pinch points. Common guarding methods include barrier or enclosure guards, interlocking devices, presence sensing devices such as light curtains, two-handed control devices, pressure sensitive body bars or mats, gates and so on, all designed to keep your hands and fingers from getting caught in the machine from any angle.

Honoraria ban on speeches and writing found unconstitutional

Submitted by the Office of Counsel

The U.S. Supreme Court has recently held the honoraria ban (Section 501(b) of the Ethics in Government Act of 1978) unconstitutional as it applies to executive branch employees, which includes the DoD below Grade GS-16. The law had barred most of those employees from earning outside income from speeches and written articles.

The court specifically declined to rule upon the law's constitutionality as it applies to senior executives and employees of the legislative and judicial branches. It upheld

the judgment of the Court of Appeals for the District of Columbia forbidding enforcement against respondents (GS-15's and below), reversed the inferior court regarding others and remanded the case for further proceedings.

The court held the statute to violate the First Amendment with regard to the respondents, Federal Executive Branch employees below the grade of GS-16. In examining the statute, the court took note of its intended purpose to prevent members of Congress and policy-makers from using their status to obtain honoraria from interest groups that desire to influence their decisions. The court noted that the govern-

You play an important part in ensuring that guards do the job for which they were designed. When operating machinery, follow these rules:

- Never remove or bypass a guard or other safety device;
- Never operate a machine which has a guard missing, modified or not working correctly; and
- If a guard must be removed for maintenance, always replace it before leaving the area and during maintenance ensure that the machine is properly locked-out and tagged-out to ensure there is no energy release.

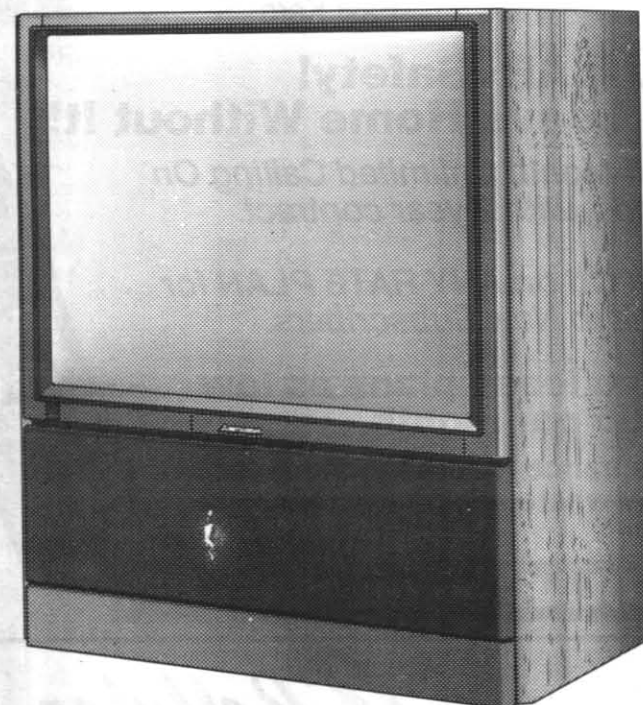
At times, it may seem like a machine guard interferes with your productivity. This is no excuse to remove or modify the guard. Discuss any problems you may be having with machine guarding with your supervisor and/or the Safety Office.

Keep in mind, even with guards in place, workers sometimes experience

mishaps, often because of carelessness or inattention. In addition to proper guarding and careful attention while operating machinery, always follow safe machine shop practices such as:

- Never wear loose clothing, jewelry, long hair, etc., around moving machine parts;
- Maintain good housekeeping in the shop;
- Ensure you are properly trained to use the machinery;
- Use push sticks and tools to feed materials into moving machinery; and
- Wear appropriate personal protective equipment, such as safety glasses or goggles, ear plugs, etc. as appropriate for that machine and the job you are doing.

Follow all instructions given to you for safe machine operation. Guards are designed to help protect you. Let them do their job, and they'll help you do yours more safely.

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George Teate receives Capt. Kenneth A. Walden Memorial Award

By Janice Kaspersen
TID

George's strength is putting hardware downrange. He's as good as they get as far as building hardware that flies." This is how Bill Boatright, associate head of the Guidance and Control Division, describes George Teate. On Jan. 17 Capt. Roger K. Hull, NAWCWPNS vice commander, presented Teate, an electronics technician in the Electronics and Subsystems Integration Section of the Guidance and Control Division, with the Capt. Kenneth A. Walden Memorial Award.

The annual award, named for Walden, who worked in Range Operations at Point Mugu, is open to any employee who makes significant technical or operational contributions to the mission, but is most often awarded to technicians, operations specialists and others who provide that mission support without the benefit of a four-year college technical education. Boatright wrote in Teate's award nomination, "George has performed design work at the complex engineering level and his contributions, as a technician, rival those of the most accomplished engineers at China Lake."

Teate joined the Naval Ordnance Test Station's Apprentice Program in 1962. "I

didn't have the money to go to college, and I was helping to support my mother and two sisters. This was a chance for me to learn a trade and still get paid," he said. He graduated from the Apprentice Program in 1966, but his on-the-job learning certainly didn't stop there.

The award criteria, in a passage that could have been written specifically about Teate, include "dedication to personal improvement" and "self-initiated study." Throughout his career, he has been extremely motivated to learn about new technologies. "I had the pleasure of working with engineers who took time to explain how they were designing circuits. They would start out by giving me small portions of the overall system to design, and they would monitor me while I was doing it." His curiosity and enthusiasm for the work led him to borrow technical books to read on his own time and also to come back to the lab many evenings and weekends "just trying things."

"The engineers were patient and answered the thousands of questions I battered them with. They showed me why they did things the way they did and the theory of designing circuitry," Teate said.

Just over 10 years later, his knowledge of weapons design earned him the job of technical lead on a bid-and-pro-

posal project called CCD (for charge-coupled device) Seeker. The technology that was developed and demonstrated in this project led to the first imaging air-to-air seeker. The concept was eventually transitioned to Sidewinder AIM-9R and will also be used in AIM-9X.

"I owe a lot of my early success to Bernie Wenzl, who had enough confi-

dence to let me take the lead on that. I was a technician, and of course there were engineers working for me, and those folks didn't seem to mind that. I had earned their respect, I guess."

As Teate's reputation grew, one successful project led to another. He was technical lead on a project to demonstrate dual-spectrum (RF/IR) guidance



AWARD WINNER George Teate is congratulated by Karen Higgins, head of the Guidance and Control Systems Division, after presentation of the Capt. Kenneth A. Walden Memorial Award by Capt. Roger K. Hull in January.

IR seekers — something that has never happened before. "IRSTORM II is the first IIR array simulation program that is extremely versatile and fun to use," Harris comments. IRSTORM II's capabilities allow for IR imaging of air-to-air, air-to-surface and outer atmosphere scenarios. "IRSTORM II works like a black and white camera, but the image shows us IR energy," said Harris.

Additional core members of the IRSTORM II Tiger team include, Mark Lawson (airframe and missile fly-out); Russ Rudin (gimbal platforms); Dave O'Connor and Tim Poole (dome and optics); Steve Gorrono, Doug Lamb and Jerry Dodd (detectors); and Max Moffitt, Dave Brough, Phan Do and John Channer (signal processor).

Equations used in the component modules are ensured by the team to be theoretically sound and implemented correctly. Numerous field tests have been performed to check the model's predictions against measured data. Results of these validation tests, led by

'IRSTORM II works like a black and white camera, but the image shows us IR energy.'

—Bill Harris

Poole, have turned out well. "It feels good to have confidence in your results," Auburn says with a mixture of pride and relief.

The technical challenge now for Bob Rodzewich, who is responsible for background modeling, is to modify the initial blue-sky background scenarios into more realistic cluttered backgrounds.

For Harris, Auburn and Egan, the highlight of their involvement in the project came when six independent images were brought up simultaneously on the screen, representing the various stages of the first IRSTORM II prototype, just four months after conception.

Although initial and continual funding for IRSTORM II has been provided by the Sidewinder Project Office

for short range, air-to-air applications, IRSTORM II is versatile enough to have many other applications. The Army and Air Force have requested copies of the simulation, and China Lake engineers are now working to modify the program for use with air-to-surface weapons systems (such as SLAM), and theater missile defense and integrated fuze guidance technologies.

According to Fujiwara, the inclusion of countermeasures and endgame are planned for future IRSTORM II models. A similar model for evaluating the performance of radio frequency (RF) seekers is also planned.

Like all new parents, Harris and Auburn have high expectations for their simulated offspring. Auburn would like to see the simulation be used by "a lot of different people for a variety of applications." Harris visualizes IRSTORM II evolving into a fully interactive component of a complete cockpit simulation. Whatever the outcome, the "new kid on the block" appears to have great potential.

BRAC from Page 1

realignment by DoD.

The final impact, if any, on the NAWCWPNS sites will not be known for some time. The list submitted by Secretary Perry is actually the beginning of a long process in which all recommendations are carefully and fully evaluated before the Commission makes a decision. Even then, both the President and Congress must review and concur with the recommendations.

"Decisions of this nature do not come easily, but instead require careful examination of all factors involved," said RADM. McKinney. "Some of the factors considered by the Secretary in his recommendations include military value, capacity, costs and impact on the local community and economy." The division commander added, "Many NAWCWPNS employees have worked

long hours for the past several months responding to data calls by the Navy and Department of Defense groups responsible for gathering information on which to base the recommendations. I am proud of the comprehensive, factual and rapid responses to those data calls by NAWCWPNS personnel. They did their jobs well.

"While the initial waiting is over, the final word is not yet in. I am confident our military/civilian team in place at all NAWCWPNS sites will continue the outstanding record of providing service to the fleet, the men and women on the front line of our national defense."

During a Feb. 28 news conference, Secretary Perry said he and General John Shalikashvili, chairman of the Joint Chiefs of Staff, had approved the recommendations made by the military departments without exceptions.

"These actions are necessary so we can carefully shape our armed forces to support the National Military Strategy and the Bottom Up Review," the Secretary explained.

Perry also noted the BRAC 95 recommendations will cost less than the BRAC 93 round and will generate savings more quickly. Over the six-year implementation period prescribed by law, the closures and realignments will generate a net savings of approximately \$4 billion.

The Secretary of Defense also announced he will recommend the current BRAC authority be extended to permit another round of base closure in three or four years. "We need time to absorb the closure of over a hundred major bases," he said, "but we are continuing to refine our force structure and our mission. Each service has told me that, ultimately, they can do more."

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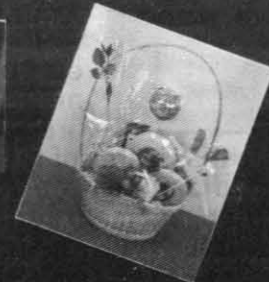
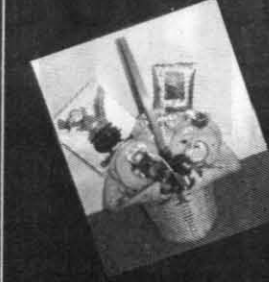
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IRSTORM from Page 1

required to verify the simulation data," Fujiwara says.

IRSTORM II is the second model of an intensive China Lake effort to produce an IIR-seeker simulation integrated with missile and seeker flyouts. An earlier prototype, IIRSTORM I, was developed by John Heidt and incorporated a point-source target model, atmosphere, detector and optics. The output of IIRSTORM I is signal-to-noise ratio, which provides some prediction of IIR-seeker acquisition range performance. With the advent of imaging systems, however, issues such as resolved targets, clutter and seeker complexity required a more sophisticated tool.

Incorporating state-of-the-art modeling work in missile flyouts, IR-target signatures and imagery, optics, detectors and signal processing, IIRSTORM II is unique in its modular construction. It features seven different modules: target and atmosphere model; clutter and background model; optics and dome model; detector model; gimbal and tracking model; signal processor model; and airframe and missile flyout model. This modular concept permits the use of available modeling work as a resource, increasing IIRSTORM II's cost-effectiveness and use in a variety of applications.

In an extensive survey of government and industry agencies, Auburn and fellow IIRSTORM II team member Bill Harris quickly found that no one else offered an IIR-seeker simulation. A similar survey conducted by the Army Missile Command (MICOM) came to the same conclusion. "We solved our problem by developing IIRSTORM II. MICOM solved their problem by using IIRSTORM II," Auburn says.

What started as an initial seeker-design tool quickly evolved into a seeker concept evaluation tool. IIRSTORM II's modular concept is a point of tremendous pride to its creators. Fujiwara attributes much of

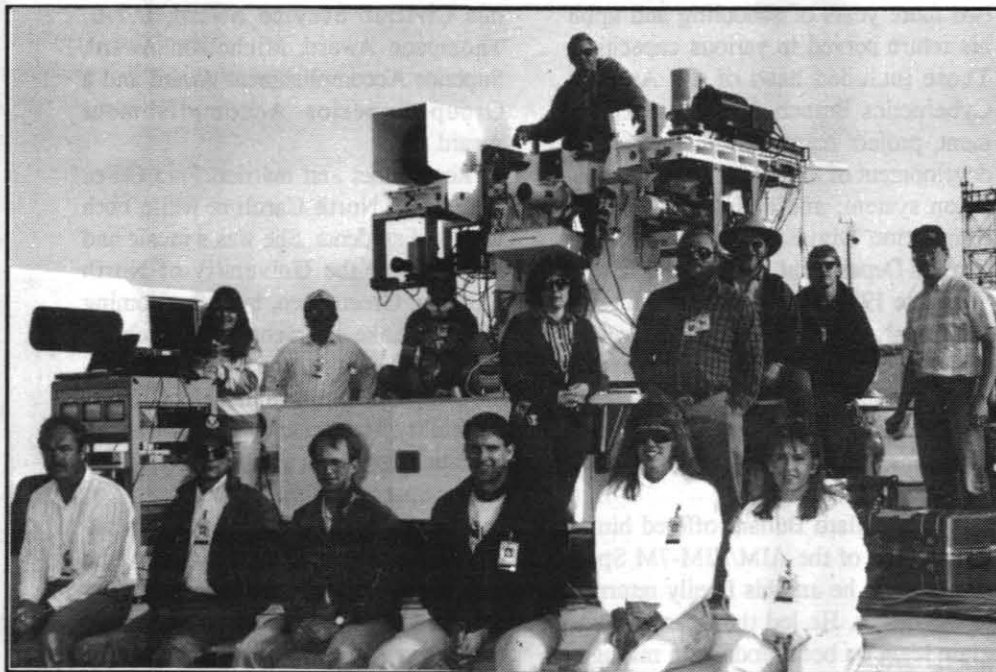
the project's success to their unique team concept. "Traditionally, modeling systems have been put together by modeling people. People who are experts at modeling but who may not necessarily be experts in the subject area they are modeling," he says.

IRSTORM's nontraditional approach gathered inputs from experts in their respective fields. Drawing from an expert in gimbal platforms, one in detectors, another in IR signatures and still another in domes lends a lot of credibility to the final product. It was Auburn's job to fit all the pieces together. Additional team members were pulled in to work on the project on an "as-needed basis." Using this Tiger team approach, IIRSTORM II was able to draw from the talents of people with a broad base of specialties, Egan explains. "An added bonus was that all team members had a sense of ownership in the model, generating a lot of enthusiasm toward the project."

Developed on a UNIX workstation, IIRSTORM II is designed to run on

SUN and Silicon Graphics Inc. workstations. A goal of the team was to make sure IIRSTORM II was user friendly. Harris, who was in charge of the look, feel and user interaction of this seeker simulation, wrote the interface in X Windows with MOTIF as a front end, chosen for its UNIX platform availability and familiarity.

The interface allows the user to move easily through the simulation, understanding and interacting with the



VALIDATION—Range personnel Dan Anders (top) and Lorraine Fagan assisted the IIRSTORM team in a recent field test. Team members include (seated, l-r) Bill Harris, Ike Fujiwara, John Auburn, Tim Poole, Stacy Egan and Dawn Chicky; and (standing) Fagan, Jerry Dodd, Leo Ferda, Rhonda Sylvia, Tom Eledge, Jeff Spindler, Bob Rodzewich and Doug Lamb.

in a seeker with coaxial configuration.

This concept was successfully demonstrated on a Sparrow missile with a live firing in 1986. The same configuration was later chosen for the Missile Homing Improvement Program, based on the results of Teate's technical demonstration program. As a result of his work on that Sparrow-based dual-spectrum program, he was tasked to modify a Phoenix missile to a dual-spectrum configuration. Phoenix successfully demonstrated full dual-spectrum capability in 1989.

Perhaps his most rewarding project, however, was a 1990 upgrade of the Sidewinder AIM-9M missile for use in Desert Storm. AIM-9M, which had been in the fleet inventory since 1982, was found to have some vulnerabilities. Teate was asked to select a team to remedy these weaknesses.

"We, and Hill Air Force Base, working together modified several hundred rounds in-house and sent them to the theater for Desert Storm. We had solved

their immediate problem," Teate said. Further improvements were possible, and Teate and his team continued to work on the upgrade. "It significantly improved the capability of the AIM-9M, and in my experience that was the best and most successful upgrade we've ever done to a Sidewinder. We did it in a very short period of time, and we just sailed through all the objectives. We never dreamed we would have so few problems," he said. The upgrade also saved the Navy and Air Force an estimated \$250 million by extending the useful life of the Sidewinder inventory.

Teate advocates the mentoring process that helped him early in his career. "Find yourself an experienced person, and then learn everything you can from that guy," he advises newer employees. He acknowledged that he has mentored several junior employees as well. "I've always contended that that's one of the things that's made this place unique. So many people were willing to give back

part of what they took from the place, and when you do that you can't help but keep growing. It's just the way to do it. That's what experience is, I suppose."

Computers are another area in which someone in a technical field just can't have enough knowledge, Teate believes. "Learn everything you can about computers, all kinds — embedded computers in systems, PC-type computers, programming skills. That's exactly where the future lies." He added that he is encouraging his children, George, 10, and Jacob, 8, to use a computer at home. "Those guys are not intimidated. I'm making sure they get in there and make their mistakes now. They've trashed a few programs for me, but that's why you make backup disks, right?"

His wife, Kathy, is supportive during the sometimes hectic schedule his work imposes. "I'm kind of a nut about my work. I'll work whenever it needs doing and as long as it needs doing. I get a lot of satisfaction out of it. It sounds corny

to some people, but I feel it's a form of service to my country. I take it pretty personally that we give our pilots the best darn weapon systems that they can possibly have in the world."

Teate also cited Karen Higgins, head of the Guidance and Control Systems Division, and Bill Boatright as being especially encouraging. "They've given me probably more freedom than I should have had to get my job done. They've given me the kinds of breaks a guy needs to make it up the ladder."

"Boatright has especially been supportive of me. He has always shown the greatest confidence in me. He's a real leader and I wouldn't think of letting him down. But above all that, he's a friend."

Another person Teate said deserves a large measure of credit for his success is his mother, Rubye Williams of Ridgecrest, who passed away Feb. 14. "She instilled the drive in me—the work ethic and everything else," he said and added that he was dedicating the award to her.

Combined Federal Campaign donations highest in nation

According to Jeff Lee, OPM Combined Federal Campaign director, the Indian Wells Valley campaign average donation of \$182.66 is highest in the nation for campaigns in the \$500,000-or-under category. The recent local campaign netted \$312,357 for local, national and international non-profit agencies and federations.

Campaign coordinator, Nina Lane, expressed thanks to all who contributed money and all those who con-

tributed their time. "As always, it was the keyworkers who made it work. They really are the key," said Nina. "Their efforts, and the support of their supervisors." Over 50 percent of the money raised, \$164,663, will stay in the Indian Wells Valley to benefit local agencies.

With the campaign occurring at the same time as the recent organization code changes, tracking all employees was a challenge for keyworkers, and there was a

concern that pockets of people would not be contacted. That turned out to be the case, but many employees that were overlooked searched out a keyworker to make sure they had the opportunity to participate, which kept the campaign on track.

This year, 31 percent of IWW federal employees contributed to CFC. This percentage has been holding

Please see CFC, page 11

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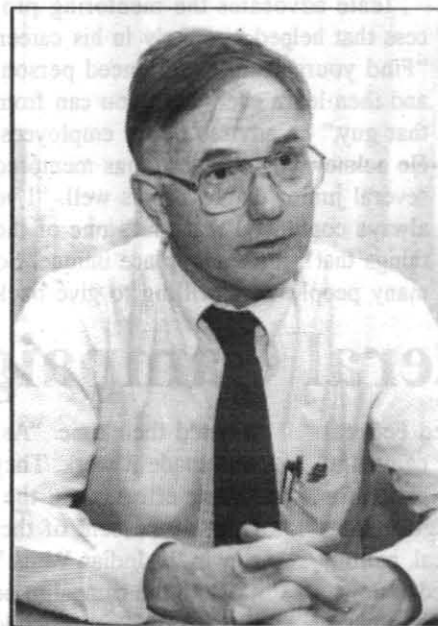
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Profile: Sandy Rogers, 1.0 leader

By Kathi Ramont
Staff Writer

With only 25 people in his competency, Alexander "Sandy" Rogers' Program Management Competency (1.0) is small in number, but strong on teamwork. "We've always worked as a team," said the competency leader. Competency aligned organization goals of working across the entire Naval Aviation Sys-



Sandy Rogers

tems Team has always been a reality for this group. "We're not only very small, but we're split between here and Point Mugu," he said.

Giving an overview of the 1.0 competency, Rogers said, "The purpose of the Program Management Competency is primarily a headquarters function. The purpose is to provide the people and processes to staff the Project Manager-Air (PMA) and the Program Executive Officer (PEO) offices at the Naval Air Systems Command. Such things as conventional bombs, munitions, support equipment, drone targets; things of that sort that have traditionally been delegated to the field. Those are the sorts of programs we have. We do not have the major development or production programs.

"It's a small group, everyone knows everyone. And most of these people are in a position that they are, in essence, a part of a PMA office. They not only have a NAWC code, but a PMA code. They spend a lot of time back in Washington, D.C., actually sitting in the PMA office, actually doing the work of that office. They must have the background to do that, so it automatically means we have fewer junior people.

"The competency overall — Navy Aviation Systems Team wide — is slightly under 1,700 people. And that is out of a total of 43,000 Navy-wide. The majority, 1,200, are at headquarters. The remainder being spread between NAWCWPNS and the depots. My intent, from a competency point of view, is that I want the people who are working for the customer to continue working for the customer."

It has now been five months since the new organization stood up and as to how CAO is working Rogers said, "My feeling is that there are several key issues involving CAO that we have not yet grappled with. One of those is how we are going to reconcile working with a larger team and still be effective within our sites. This is not going to be easy. People are wrestling with it now.

"The teams that we are involved in are indeed working. CAO has not changed the way we get work done. From that point of view, if you take something like the drone area, the QA-6 or the Vandal target, they already had program teams. They may be wearing different competency hats, but the program team carries on the way they did before. China Lake and Point Mugu have always had a tradition of working on strong program teams, and they are still doing that."

Seven-year old Sandy arrived in China Lake in 1949 with his parents, Dr. Fred T. and Dr. Marguerite "Peggy" Rogers. His father reported to the Naval Ordnance Test Station to head the

Please see **ROGERS**, next page



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ROGERS from Page 10

Research Department and his mother first worked for both research and aviation ordnance departments.

Rogers began working at the then Naval Ordnance Test Station in 1963 as a physicist in the Aviation Ordnance Department doing atmospheric physics research in support of initial application of lasers to airborne systems. He left for two more years of schooling and upon his return served in various capacities. Those included head of the Applied Cybernetics Branch, Weapons Department, project manager for engineering development of the Mk23 Target Acquisition system; and acting head of the Simulation Division of the Fuze and Sensors Department.

In late 1978, Rogers accepted a year-long assignment at the Pentagon at OPNAV, OP-507F, Airborne Weapons Requirements. Then, after his tour at the Pentagon, Rogers left civil service for Johns Hopkins University Applied Physics Laboratory.

When Dillard Bullard offered him a job as head of the AIM/RIM-7M Sparrow project, he and his family returned to the desert. He led the Sparrow program team on both production management and product improvement.

When Rogers became associate head of the Intercept Weapons Department he was responsible for strategic planning and technology base management, as well as for overseeing surface warfare programs.

In December 1993, Rogers moved to the Weapons Engineering and Logistics Department, which he headed for almost a year. Then, when the competency aligned organization stood up in

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steady over the years. Fran Rugg, who has been a member of the Local Federal Coordinating Committee for six years, says dollar amounts are not the goal, but increasing the percentage of employees who participate is the key to a successful campaign. "Given the high dollar amount of China Lakers' individual pledges," she noted, "it follows that encouraging our

October 1994, Rogers became leader of the 1.0 competency.

Rogers holds a bachelor's degree in physics from Pomona College and master's in physics from North Carolina State University at Raleigh. His conference room walls hold many awards and commendations, accumulated in the last 30 years including the Navy Meritorious Civilian Service Award, L.T.E. Thompson Award, Michelson Award, Superior Accomplishment Award and a Group Superior Accomplishment Award.

Rogers met and married Fran Guice in 1965 in North Carolina while both were still students. She was a music and art major at the University of North Carolina, Greensboro, but after coming to China Lake she went back to school, "so I could get a job on base," she commented. Currently, she works in the Reliability/Maintenance Division as an operations research analyst in reliability for the Sparrow Missile.

"We really feel a part of the community. We've watched the emphasis of the community shift from everyone living on base to everyone moving into town. I think it was a good move. Ridgecrest, and the whole valley, has been a good place to raise children," she said. The Rogers have three sons. The oldest, Eliot, graduated from Cal State Poly, Pomona, and now works as a contractor for Intel in Portland, Ore. Philip graduated from University of California, San Diego, with a degree in physics and is attending graduate school at UC Davis. Their youngest son, James, graduates from Burroughs High School this June and will attend New Mexico Tech.

fellow employees to join in and contribute will result in a dynamic campaign."

When the '95 campaign rolls around next October, local keyworkers will once again be requesting help for those who are in need. Rugg was confident that "once again, the federal employees of the Indian Wells Valley will respond with open hearts."

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effectively with personnel at all organizational levels; ability to compose correspondence and prepare technical reports; skill in applying NAWCWPNS administrative policies and procedures such as travel, timekeeping, and training; and proficiency with Macintosh computer and its standard business software. Selectee must be able to obtain and maintain a Secret clearance. Promotion potential to DG-3. **Note 1 applies.**

No. 472-010-GB5, Secretary (Typing), DG-318-2, Code 472270D—Area of Consideration: China Lake only. **Permanent Change of Duty Station Authorized:** No. **Selecting Official:** Warren Brackey, (619) 939-2131. **HRD Contact:** Susan Bethke, 939-2676. **Opening Date:** 3-9-95. **Closing Date:** 3-23-95. **Summary of Duties:** This position is located in the Actuator and Component Engineering Section, Air-to-Air RF Guidance and Controls Branch, Guidance and Control Systems Division. The incumbent provides secretarial support to the section head and section personnel. Duties include answering and placing calls; making travel arrangements; planning for conferences; maintaining and coordinating supervisor's calendar; receiving and processing incoming and outgoing mail in accordance with standard procedures and security regulations; reviewing and editing standard correspondence, reports and other documents, ensuring proper grammar, spelling, and punctuation format. **Quality-Ranking Factor(s):** Ability to communicate orally and in writing; knowledge of Macintosh computer and applications. Incumbent must be able to obtain and maintain a Secret clearance. The full performance level of this position is DG-2.

No. 473-006-RP5, Secretary (Typing), DG-318-1/2, Energetic Materials Characterization Section, Energetic Materials Branch, Airframe, Ordnance, and Propulsion Division, Weapons/Target Department, Code 473430D—Area of Consideration: China Lake. **Opening Date:** 3-9-95. **Closing Date:** 3-17-95. **Selecting Official:** Bland Burchett, (619) 939-1712. **HRD Contact:** Robert Peoples, (619) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides secretarial and administrative support to the Head, Energetic Materials Characterization Branch. **Quality Ranking Factor:** Ability to perform receptionist and telephone duties; ability to maintain and coordinate supervisor's calendar and arrange conferences; and ability to review and distribute incoming mail and review outgoing correspondence and/or non-technical reports. Incumbent must possess good communication and problem-solving skills in order to provide guidance and direction to staff clerical personnel. Working knowledge of the Macintosh computer, experienced in Microsoft Word, Filemaker Pro, and Microsoft Excel Desirable. Incumbent must be able to obtain and maintain a Secret clearance. **Note 1 applies.**

No. 473-007-RP5, Secretary (Typing), DG-318-2/3, Energetic Materials Branch, Airframe, Ordnance, and Propulsion Division, Weapons/Target Department, Code 473430D—Area of Consideration: China Lake. **Opening Date:** 3-9-95. **Closing Date:** 3-17-95. **Selecting Official:** Larry Josephson, (619) 939-7271. **HRD Contact:** Robert Peoples, (619) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides secretarial and administrative support to the Head, Energetic Materials Branch. **Quality-Ranking Factor:** Ability to perform receptionist and telephone duties; ability to maintain and coordinate supervisor's calendar and arrange conferences; and ability to review and distribute

incoming mail and review outgoing correspondence and/or non-technical reports. Incumbent must possess good communication and problem-solving skills in order to provide guidance and direction to staff clerical personnel. Working knowledge of the Macintosh computer, experienced in Microsoft Word, Filemaker Pro, and Microsoft Excel Desirable. Incumbent must be able to obtain and maintain a Secret clearance. **Note 1 applies.**

No. 474-009-RP5, Photographer (Laboratory), DT-1060-1/2 (Multiple Vacancies), Photo Services Section, Photo/Video Branch, Scientific and Technical Documentation/R&T Division, Weapons and Targets Department, Code 474610D—Area of Consideration: China Lake. **Opening Date:** 3-9-95. **Closing Date:** 3-17-95. **Selecting Official:** Stephen E. Sanders, (619) 939-3658. **HRD Contact:** Robert Peoples, (619) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform all standard techniques and procedures necessary to produce accurate and precise black-and-white photographic prints and transparencies. The incumbent will use various types of manual enlargers, analyzers, contact printers, automatic black and white processors, and also performs related photo-finishing duties. The incumbent will be trained to produce color prints and viewgraphs, both in custom and automatic color-printing sections. Training in related quality control color functions and specialized equipment will be received. **Quality Ranking Factor:** Knowledge of laboratory processes and procedures; ability to use basic technical publications. Promotion potential to DT-3. Incumbent must be able to obtain and maintain a Secret clearance. **Note 1 applies.**

No. 76-002-NR5, Secretary, DG-318-2/3, Code 761000D, China Lake Customer Services Division, Controller/Financial Management Department—Area of Consideration: China Lake only. **Opening Date:** 3-9-95. **Closing Date:** 3-23-95. **Selecting Official:** Patty Lawson, (619) 939-6560. **HRD Contact:** Nancy Robinson, (619) 939-8106. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is located in the China Lake Customer Services Division of the Comptroller/Financial Management Department, Code 761000D. Incumbent, under the guidance and direction of Division Head or Department Secretary, will provide support for China Lake Customer Services Division. Duties include providing secretarial and administrative support to the Head, Customer Services Division, and Branch Heads. This position involves interaction with all levels of management, off-site personnel, and customers. Incumbent performs full range of secretarial and administrative duties, including receiving visitors, answering and placing calls, making travel arrangements, planning for meetings and conferences, maintaining and coordinating supervisor's calendar, reviewing incoming correspondence and reports, establishing and maintaining hard copy and electronic files of division data, and researching issues to provide summary information to support management decisions. **Quality-Ranking Factor:** Knowledge of and proficiency with the Macintosh computer and its standard business software; skill in applying administrative policies and procedures such as travel, time keeping, and acquisition/accounting for supplies, materials, and equipment; and the ability to interface effectively with personnel at all organizational levels. Full performance level is DG-3. **Note 1 applies.**

No. 82-030JJ5, Firefighter (Driver/Operator), GS-081-6, Naval Air Weapons Station, Safety and Security Department, Fire Division, Code 824210D—Area of Consideration: China Lake only. **Opening Date:** 3-9-95. **Closing Date:** 3-23-95. **HRD Contact:** Brenda Stuart, (619) 939-2883. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This announcement will be used to establish the promotion register for Firefighter, GS-081-6, which will remain in effect until March 1996. **Summary of Duties:** Driving and operating structural pumps and a variety of crash fire trucks, responding on ambulance calls as either driver or attendant; inspecting site buildings and property; and conducting training classes for trainee firefighters. **Quality-Ranking Factor:** Knowledge of locations (streets, water distribution, alarm/detection systems, building content and layout, etc.); knowledge of firefighting ability to operate firefighting apparatus and equipment, (e.g., structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment, etc.); ability to safely direct and control firefighting vehicles (proper use of gears, clutch, brakes and demonstrated safe, smooth, effective operation of vehicles); and ability to carry out assignments with minimal supervision. **Note 3 applies.**

POINT MUGU

No. 7700-1-BB5, (1) Resources Assistant, GS-303-06/07, Corporate Operations Group, Office of the General Counsel, NAWCWPNS, Point Mugu, Code 770000E—Area of Consideration: Point Mugu. **Opening Date:** 3-9-95. **Closing Date:** 3-17-95. **Selecting Official:** Scott Miller, (805) 989-7735. **HRD Contact:** Belinda Bayerque, (805) 989-3260. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The purpose of this position is to provide support to the Deputy Counsel on matters related to issues within the responsibility of the Office of Counsel. The incumbent acts as an assistant to the Deputy Counsel and provides administrative support to assistant counsels, paralegal specialists, and legal assistant in the management of legal services provided to NAWCWPNS. The incumbent provides administrative support including maintaining Deputy Counsel and assistant counsels' calendars and schedules appointments; screens calls and visitors and provides referral to other departments or agencies as appropriate; coordinates arrangements for litigation hearings; organizes and maintains law library, which includes a variety of manuals, handbooks, and reference materials; requisitions materials including law books, catalogs, publication subscriptions, offices supplies, and equipment; screens, sorts, and maintains control of incoming correspondence and action items; reviews correspondence prepared for counsels' signature; checking for spelling, grammar, typographical errors, and conformance to procedural requirements. Incumbent assists Patent Attorney in the administration of all matters relating to Patent and Intellectual Property function; maintains patent legal reference material and instructions and ensures most current updates are entered; using computer-based Navy Case Card System, maintains records of patent application filings, office actions received by U.S. Patent and Trademark Office (PTO), amendments, petitions, appeals, and related matters; assists Patent Attorney in litigation matters involving patent and copyright infringement cases. Assists the Freedom of Information Act (FOIA) coordinator in the management and administration of all matters relating to FOIA; enters data on

computer-based FOIA software program and assists with compiling data for statistical reports. **Quality-Ranking Factors:** Ability to perform the full range of administrative/clerical functions including travel; timekeeping, agendas, organizing and maintaining files, utilizing ADP tools, and applying basic correspondence rules. **Notes 1 and 5 apply.**

No. 330-01-BW5, (1) Data Management Specialist, GS-301-07/09/11, Naval Air Warfare Center Weapons Division, Logistics Competency, Technical Data Department, Technical Data Support Division, Code 335000E—Area of Consideration: Point Mugu. **Opening Date:** 3-9-95. **Closing Date:** 3-16-95. **Selecting Official:** Dennis Caraker, (619) 939-1856 (DSN 437-1856). **HRD Contact:** Bob Washington, (805) 989-3316 (DSN 351-3316). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is the Technical Coordinator for the Technical Data Repository (TDR). The incumbent plans, programs, implements, performs, and monitors the daily operation of the TDRs and the Technical Library (TL) located at the Camarillo Facility and Point Mugu. Plans for the receipt, storage, development, generation, maintenance and distribution of all technical data in support of assigned in-service airborne weapons, armament, and support equipment and special programs. Defines requirements for contractor support as needed. Acts as liaison between the customers and contractors supporting TRDs and TLs. Supports the automation initiatives of the department. **Quality-Ranking Factors:** Knowledge of Technical Data Repository, library operations, and DOD acquisition processes. Knowledge of Service Cost Center management/budgeting practices including the ability to technically plan, organize, coordinate, and manage a multi-disciplined service-oriented product team. Knowledge of regulations, procedures, and principles governing receipt, storage, and distribution of confidential and secret data. Knowledge of database design and maintenance. Knowledge of the Continuous Accusation and Life-Cycle Support initiative and its current and future impacts on Technical Data Repository, library operations, and DOD acquisition processes. **Notes 1 and 5 apply.**

ABBREVIATED SYSTEM DECISION PAPER (ASDP) WRITING ASSISTANCE

Need assistance writing an Abbreviated System Decision Paper (ASDP)? One-on-one sessions are designed for anyone planning to acquire Federal Information Processing Resources (FIPR) equipment, formerly known as Automatic Data Processing Equipment (ADPE). At China Lake contact Bonnie Jones at 939-1557, Bldg. 3888. At Point Mugu contact Gerry De La Torre at 989-4066, Bldg. 340A

CONTRACTS AVAILABLE TO NAWC/NAWS

A list of the local contracts (i.e., Sun hardware maintenance, Apple hardware maintenance, Silicon Graphics hardware, and Hewlett Packard software maintenance) and a list of Joint Service Contracts that all of DOD or Navy can use is available on the 72D Dept. Server.

To access the server go under the Apple icon and double click on "Chooser", double click on the Appleshare icon, click on the CL MainSite Zone, click on the 72D Dept. Server, click on "guest" and "OK", select 72D Public Volume, click Chooser, open Public Volume, click on Basewide Contracts Folder, select Local Contracts or Joint Service Contracts.

If you have any questions or know of contracts that can be added to this list, contact Linda McCauley at 939-0614.

GENERIC PRINTER CONTRACT

The Acquisition Support Branch (Code 721200D) has a Center-wide (includes Point Mugu) contract for remedial and preventive maintenance of generic printers. This is a time-and-materials contract and provides remedial and preventive maintenance and installation of

ACADEMIC PROGRAMS AT CHINA LAKE

NAWCWPNS China Lake sponsors the following academic programs on-site: BS and MS in computer science through California State University, Chico; MS in engineering (options in electrical, mechanical, and systems engineering) through California State University, Northridge; BS in business administration and MS in administration through California State University, Bakersfield.

For more information, call Cecil Webb at 939-0878.

CSUB COUNSELORS ARE COMING

Academic counselors of California State University, Bakersfield will be at China Lake on 27 March to advise current and prospective students on the external degree programs offered by the school at China Lake: a bachelor's degree program in busi-

NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS

ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

TRAINING REQUESTS

The Employee Development Division, 733000D (C622)/733000E (P622) has been asked to continue using both "Old" and "New" codes for correspondence. Include both codes on DD 1556s, Off-Center Training Request Forms and 12410/2s, On-Board Training Requests.

ABBREVIATED SYSTEM DECISION PAPER (ASDP) WRITING ASSISTANCE

Need assistance writing an Abbreviated System Decision Paper (ASDP)? One-on-one sessions are designed for anyone planning to acquire Federal Information Processing Resources (FIPR) equipment, formerly known as Automatic Data Processing Equipment (ADPE). At China Lake contact Bonnie Jones at 939-1557, Bldg. 3888. At Point Mugu contact Gerry De La Torre at 989-4066, Bldg. 340A

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To access the server go under the Apple icon and double click on "Chooser", double click on the Appleshare icon, click on the CL MainSite Zone, click on the 72D Dept. Server, click on "guest" and "OK", select 72D Public Volume, click Chooser, open Public Volume, click on Basewide Contracts Folder, select Local Contracts or Joint Service Contracts.

If you have any questions or know of contracts that can be added to this list, contact Linda McCauley at 939-0614.

GENERIC PRINTER CONTRACT

The Acquisition Support Branch (Code 721200D) has a Center-wide (includes Point Mugu) contract for remedial and preventive maintenance of generic printers. This is a time-and-materials contract and provides remedial and preventive maintenance and installation of

generic printers and accessories. It is not a mandatory contract, but has been initiated to provide primary or alternative service support.

Contractor: MFS, Inc.
Contract Number: N68936-94-D-0231
Current Period of Performance:
1 December 1994 through 30 November 1997
Cost: \$27.45 per hour with a 1-hour minimum plus parts/material and a 10% uplift for material handling
There is a 8% surcharge for administering the contract.

For China Lake and Point Mugu service you must call the Trouble Desk at (619) 499-5181 with the following information: (1) model number, (2) serial number, (3) bar code, (4) brief description of the problem, (5) contact/requestor, (6) phone number, (7) job order number, and (8) location of equipment and code.

Direct questions or problems to Martha Faron, Code 721200D, at (619) 939-3395 or DSN 437-3395.

NEW ADDITIONS OF OLD FAVORITES NOW AT THE TECHNICAL LIBRARY

The China Lake Technical Library has just received new editions of old favorite books.

One book that has been in fairly heavy demand through the years is *The UNIX Operating System*. This 1983 edition is now replaced by the third (1994) edition. Numerous changes appear in the enlarged new edition. Vi Text Editor, multitasking, and networking are added to Chapter 2. The chapter on *Managing Your Files* has been greatly expanded, and the editing has been completely refocused on the Vi Text Editor. Several new chapters have also been added concerning UNIX platforms, window systems, networking, system management, and security (Call No. QA76.76 063 C466, 1994).

Another book that saw fairly heavy use is *Introduction to Internal Combustion Engines*. A second edition is now supplanting the 1985 publication. To quote from its preface: "The second edition contains significant new material, both within the original chapters and in the new chapters. Preparing the second

MANAGEMENT DEVELOPMENT WOMEN'S EXECUTIVE LEADERSHIP PROGRAM; A DEVELOPMENTAL PROGRAM FOR MEN AND WOMEN

Nominations are being requested for the OPM's Women's Executive Leadership (WEL) Program. The WEL Program is a developmental program that provides supervisory/managerial training and development opportunities for high-potential Federal employees and prepares them for future positions as supervisors and managers. The Program is designed for non-supervisory men and women or new supervisors with less than 1 year of supervisory experience who are at the GS-11 or GS-12 or equivalent level. It is tailored to the participant's own developmental needs, focusing on those competencies and effectiveness characteristics needed to be a successful supervisor or manager. Each competency will fund their own employees. The tuition cost is \$3,650. Travel and per diem costs are additional.

Nomination and process information is available from the competencies or the Training Centers: Mary Glasmann, 989-3982 or Lori Ryser, 939-2686.

edition has also provided the opportunity to include further worked examples and many problems (with numerical answers). New chapters include *Two-Stroke Engines*, *In-Cylinder Motion*, *Engine Modeling*, and *Heat Transfer in Internal Combustion Engines* (Call No. TJ785 S86, 1993).

Also available are the latest edition of *Table of Integrals, Series and Products* (Call No. QA55 G6613, 1994), *War and Anti-War: Survival at the Dawn of the 21st Century*, by Alvin and Heidi Toffler (Call No. U102 T64, 1993).

CHINA LAKER'S BOOK IN TECHNICAL LIBRARY

Dr. Hanson-Parr has donated a new book to the Technical Library: "Non-Intrusive Combustion Diagnostics," edited by Kenneth K. Kuo of Pennsylvania State University and Timothy P. Parr, Code 474320D. This book consists of papers presented at the Third International Symposium on special topics in chemical propulsion, held 10-14 May 1993, in Scheveningen, the Netherlands.

Topics include: laser-induced fluorescence techniques, raman spectroscopies, absorption and emission spectroscopies, particle diagnostics, x-ray diagnostics of liquid and solids, diagnostics of gaseous reaction systems, combustion diagnostics of solid propellants, flow field measurements and visualization,

and diagnostics in practical combustion systems.

The book will be located on the "new book shelf" for the next 2 weeks, after which it may be found in the circulation section at Q0515 N63 1994. You can also borrow this book by calling 939-3389.

CAREER TRANSITION AND PLACEMENT CENTERS

Need assistance with your future career plans? Unsure of how to prepare a resume or complete an SF-171? Confused about the demand for your skills and educational background in today's work environment? Visit the Career Transition and Placement Center (CTPC) at Point Mugu and China Lake. Both sites offer full-service career-transition assistance daily and personal career counseling by appointment. Center resources include periodicals, brochures, and books on many topics including career planning, job searching, and retirement. IBM-compatible and Macintosh computers with laser-jet printers and software are available to help you write your resume or SF-171 or OF-612, determine your interests and values, or search available job listings via bulletin boards. To obtain more information about the CTPC or to make an appointment, call 989-3982/3994 at the Point Mugu site or 939-2264/2265 at the China Lake site.

CHINA LAKE GENERAL ANNOUNCEMENTS

ness administration and a master's degree program in administration, as well as a certificate program in environmental management. To make an appointment with one of the counselors, call Denise at 939-2648.

HAZARD COMMUNICATION (HAZCOM) STANDARD TRAINING

The requirement that ALL personnel receive Hazard Communication (HAZCOM) Standard training was established by 29 CFR 1910.1200. This mandatory training familiarizes personnel with the requirements of the standard.

A number of China Lake personnel have not yet received this training. The Safety Office will be offering this training via video presentation. Each showing will last approximately 20 minutes. The showings will run from 0800 to 1600 beginning on the half hour with a lunch break from 1130 to 1300.

Training will be held at the Training Center, Room 115 on 28 March. Attendance is on a "show up" basis. You do not need to call the Safety Office to sign up. If you attend, make sure that your badge is scanned to receive proper credit for the training.

BLUE CROSS/BLUE SHIELD REPRESENTATIVE TO VISIT CHINA LAKE

Blue Cross/Blue Shield (BCBS) service representative, Steve Scheider, will be at China Lake on Wednesday, 22 March to answer questions regarding your BCBS coverage and advise any problems you may have. Bring all documentation, if applicable, so that Mr. Scheider can properly assist you. You may stop by to talk with him at the Training Center, Room 115 between the hours of 0800 and 1130 and 1230 and 1400. If you have any questions, call Pat Miller at 939-2018.

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY ENROLLMENT

The Embry-Riddle Aeronautical University is currently enrolling students for the Spring B Term. Classes will begin on 20 March for both the graduate and undergraduate program. Military and civilian work experience can earn you college credit. Classes are held in the local area and are open to both military and civilian personnel.

A representative will be at the NAWS cafeteria and the VX-9 ESO's Office on Tuesday and at the China Lake Office on Mondays and Wednesdays. For times or more information, call Sue at 927-3649.

The NAWCWPNS Announcements and Human Resources Department Information are published by the PAO on the Thursday before payday. Copies of the insert are provided to the Albuquerque and White Sands sites. Personnel at China Lake, Albuquerque, and White Sands may send items for the Announcements section to Code 750000D, Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796) or via QuickMail (CL NAWC WIDE NS name server in the CL MAINSITE zone). Personnel at Point Mugu may send items for the Announcements Section to Code 750000E, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-8094). Items included in the Human Resources Department Information Section are provided by the Civilian Personnel Division, Employee Development Division of the Human Resources Department. The deadline for all submissions is Wednesday at 1700, 8 working days prior to the alternate Thursday publication date. **Note:** All inputs MUST include the sponsor's code and phone number. Any questions or issues pertaining to this insert may be addressed to Ron Rogers at 989-3997 (DSN 351-3997), FAX 989-9846 (DSN 351-9846).

HATE TO WRITE BUT NEED TO PUBLISH?

We can help you get that Technical Memorandum, Technical Publication, journal article, or conference paper written and reviewed. We will edit or help you write your manuscript, and you can spend an hour or two discussing one-on-one with your editor your individual writing style, tips to save you time and effort when you write and publish, and Publications services that are available to you. Whether you've published frequently or are just starting to build your list of publication credits, a few hours consulting with an editor now will save you time later! This on-the-job training counts toward your 40-hour training requirement. Contact Ramona Bernard, Head, Publications/ Graphics Section #1, at 939-3740.

PETROGLYPH TOUR LEADER CLASS

A training day will be held on Saturday, 18 March, to qualify tour guides who wish to visit Little Petroglyph Canyon or lead tours to the area for Maturango Museum or other groups. The day will start at 0800 at the Training Center, Room 114, China Lake. After reviewing procedures for organizing a tour and an overview of the relevant environmental and security issues, we will form into a typical tour group and head up Mt. Springs

Canyon and on to Little Petroglyph Canyon. Bring a lunch and water, and wear sturdy walking shoes. We will return to the Training Center by 1400. Class size is limited, so call Fran Rugg at the Public Affairs Office at 939-6689 for reservations.

TAPES TAPES TAPES

Approximately 400 1-inch analog tapes (14-inch metal reels) are available. All of these tapes have been stored in an environmentally controlled room. Old firing tapes are being degaussed and are being made available on a first-come, first-served basis.

For information, call Bob Pippen at 939-2800.

SOFTWARE COST ESTIMATING

Find out how the commercially successful software cost-estimating models Price-S and SEER can give you a handle on software costs and software project planning. Find out all the different factors that influence software costs and how you can reduce software costs and overruns. Take advantage of other people's software project experience. Contact Dinah Beres at 939-1926 or 939-1392.

VIDEO PROJECTS TOURS

If you are curious about how videos are made, are unsure how videos can benefit

RETIREMENTS AND FAREWELLS

PAT CHILDERS

Pat Childers, Property Management Branch, Code 72510D (C6335), is retiring on 1 April after 41 years of combined federal service. A retirement luncheon will be held in his honor on **17 March** at 1100 at Texas Cattle Company. Lunch will be ordered from the menu. For reservations, presentations, and gift donations, call Jan Henderson at 939-1216. Reservations are required by Thursday, 9 March.

BARBARA L. EDMUNDSON

Barbara Edmundson, VX-9 Projects Department, is retiring after 10 years of civil service at China Lake. A retirement luncheon will be held in her honor at Nicoletti's, 908 N. Norma St., on **30 March** at 1130. For reservations, presentations, or gift donations, contact Julie Doerr at 939-2875 or Jennie Veloz at 939-5741 by 22 March.

your job, or have any questions about industrial video production, the Video Projects Branch can help. We are now giving tours of the Branch's video facility. For questions about the tours, or to sign up for one, call Fran at 939-3697.

COMPOSITION SERVICES AVAILABLE

Keying, OCR scanning, document formatting and layout, and audio/video tape transcription are among the composition services available through the Publications/Graphics Branch, Code 474500D. For more information, contact Ramona Bernard at 939-2016.

PHOTOGRAPHIC SCANNING AVAILABLE

The Publications/Graphics Branch, Code 474500D, now has the capability to provide color scanning of transparencies and opaque originals at a resolution of up to 4,000 dots per inch (dpi). Transparencies and opaque originals are saved in a Tag Image File Format (TIFF), which can then be imported into a photoshop program for electronic placement into your documents and presentations. For more information, contact Ellen Mahoney at 927-3902.

POINT MUGU GENERAL ANNOUNCEMENTS

NAWCWPNS HOTLINE AND NAWS IDEAS

The NAWCWPNS Hotline and NAWS Idea Directories were set up to allow users to copy prepared documents into them and remain anonymous. To place a file in the NAWSIDEA folder (directory) replace HOTLINE with NAWSIDEA whenever you enter HOTLINE. The instructions are for users with command local area network (C-LAN) access.

Note: Once you have made copies or saved a document into the HOTLINE subdirectory, you will not be able to retrieve or view this document from the Fileserver.

PC-Compatible Computers: At a network prompt, type the following commands: **LOGIN FS0024A/GUEST <RETURN>** no password required.

CDPTMUGU\HOTLINE <RETURN>

You may now copy the document you prepared into the HOTLINE subdirectory, by using the DOS copy command. Once you have finished copying the document, logoff Fileserver.

EXAMPLE: E:\PTMUGU\HOTLINE LOGOUT <RETURN>

Macintosh Computers: Go to the APPLE icon and select CHOOSE from the Chooser window and select the following: AppleShare icon, AppleTalk Zone "PM B36 1ST DECK", Fileserver FS0024A, select OK, Login as Guest, not password is required, select OK. The next window will display "Select items you want to use" and FS0024A.SYS will be high-lighted, select OK. Open FS0024A.SYS icon on Desktop, open folder PTMUGU, open folder you wish to copy your document into. Copy your document now. Before you copy the document to this folder you will receive a message (You do not have enough access privileges to see all items if they are put into "HOTLINE." Put them there anyway?). Select OK. Once you finished copying the document, close all open Fileserver windows by dragging FS0024A.SYS icon to your Trash can.

APD point of contact: Jim Esch, 989-1731; Hotline Program point of contact: Mike Nakamura, 989-7676; NAWS Idea point of contact: Lt. Blanchard, 989-1715.

EMPLOYEE COMMUTE OPTIONS PROGRAM THE ADVANTAGES OF CAR POOLING

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

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

ELIGIBILITY REQUIREMENTS

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

SPECIAL COMMUTER INFORMATION

Only employees registered in the program and who have a serial-numbered yellow Point Mugu carpool sticker are authorized to use the "Carpool Only" parking spaces on station. Registered personnel should use the "Carpool Only" spaces only on days that they are actively car/van pooling. Anyone else using these parking spaces will be ticketed by the Security Department.

RIDESHARE HOTLINE

For rideshare hotline information, contact Employee Transportation Coordinator Syed Hoda at 989-1360.

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive labor representative for the bargaining unit employees of NAWCWPNS Point Mugu is the National Association of Government Employees (NAGE). The local R12-33 President is Louis W. Rogers, located in Trailer 10073; he can be reached at 989-1374.

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

or after working hours. Family members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 2-825 (University of La Verne). All interviews are confidential. For further information, call Martha or Bob at 989-7708 or 989-8161.

WRITING AND TAILORING YOUR SF-171 AND RESUME (2 hrs.)

29 March; Wednesday, 1000-1200; BOQ Conference Room, Point Mugu. By: Julie Streets, Employee Development Specialist

How to prepare an exceptional SF-171 and new OP-612 with a resume will be discussed. Both documents will be viewed as a part of a personal marketing strategy. Focus will be on organizing your career in writing, selecting, and presenting career events clearly and concisely, and cataloging your skills and accomplishments.

To enroll, call Mary at 989-3982 (DSN 351-3982) or submit a completed On-Board Training Request Form (NAWCWPNS 12410/2 (9-92) to Code 733000E.

WRITING AND TAILORING YOUR SF-171 AND RESUME (2 hrs.)

30 March; Thursday, 1000-1200; Training Center, China Lake. By: Julie Streets, Employee Development Specialist

How to prepare an exceptional SF-171 and new OP-612 with a resume will be discussed. Both documents will be viewed as a part of a personal marketing strategy. Focus will be on organizing your career in writing, selecting, and presenting career events clearly and concisely, and cataloging your skills and accomplishments.

To enroll, call Sue at 939-2349 (DSN 437-2349) or submit a completed On-Board Training Request Form (NAWCWPNS 12410/2 (9-92) to Code 733000D.

FINANCIAL STRATEGIES FOR SUCCESSFUL RETIREMENT (12 hrs.)

4-5 April; Tuesday and Wednesday, 0800-1630 and Thursday, 0800-1200; Building 6, BOQ Center Room, Point Mugu. By: Financial Focus

Whether retirement is 2 months, 2 years, or 2 decades away, NOW is the time to start dealing with some of the important choices that can mean the difference between financial security and financial hardship during your retirement years. The class will focus on such issues as inflation, investment alternatives, risk management, health care, taxes, estate planning, and more. There will also be a discussion of how to take advantage of the CSRS, FERS, and TSP retirement programs. It is never too early or too late to begin planning your retirement strategy.

To enroll call, Mary Glasmann at Point Mugu, 989-3982/DSN 351-3982.

PRE-RETIREMENT SEMINAR (16 hrs.)

26-27 April; Wednesday-Thursday, 0800-1630; Conference Center, China Lake. By: Labor/Employee Relations Program

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

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

Spouses of enrollees are also encouraged to attend. Deadline: 19 April. To enroll, call Sue at 939-2349.

CIVILIAN PERSONNEL DIVISION NEWS

APPLICATION PROCEDURES

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

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

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

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

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

AREA OF CONSIDERATION INFORMATION

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

NOTES

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

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

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

4. **This is a Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position.** P. L. 101-510 requires that all applications for DAWIA designated positions that are advertised be evaluated utilizing a QRF to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants who would like to obtain more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields should contact their Department Office DAWIA representative or their Personnel Management Advisor. **Note:** Applicants selected for critical acquisition positions (GS-14/DP-4 and above) will be required to sign a service agreement to remain in that position for at least a 3-year period.

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

GENERAL INFORMATION

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

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP). Incumbent must hold or be able to obtain the appropriate security clearance.

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

MERIT PROMOTIONS

ALL NAWCWPNS SITES

No. 4J-004-BP5, Supervisory Interdisciplinary (General/Electronics Engineer), Operations Research Analyst, DP-801/855/1515-3, Code 4J1000D—Area of Consideration: NAWCWPNS. **Opening Date:** 3-9-95. **Closing Date:** 3-23-95. **Selecting Official:** Linda Andrews, (619) 939-3802. **HRD Contact:** Shirley Hauser, (619)939-2032. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The position is located in the Concept Analysis, Evaluation and Planning Department (CAEP). Incumbent serves as division head of the Tacair Division. The division is composed of two

branches and two program offices. The division performs a variety of tasks related to the analysis of weapon systems in an operational context to assess existing or potential operational warfighting capability. Analyses are conducted at different levels from one-on-one through campaign level analyses. Products of these efforts support COEA developments, weapon system effectiveness analyses, mission area assessments and operational requirement generation. Division analysts are also responsible for the development of Navy scenarios, air-to-air engagement models, and models to evaluate the proper mix of Navy weapons required to conduct a campaign. Division tasking is provided by NAVAIR, N88, N81 and N8 among others. The incumbent is responsible for the overall direction of the division, ensuring that quality

products are delivered to sponsors and customers, general fiscal management of the division, personnel issues, and training. The incumbent is a member of the CAEP department management team and will support the CAEP department in formulating strategic plans, program reviews, and department processes. **Quality-Ranking Factors:** Knowledge of government contract management; knowledge of Navy and DOD policies and procedures; knowledge of affirmative action principles including willingness to implement EEO practices; ability to communicate effectively orally and in writing; ability to work effectively as the leader of a team and effectively resolve conflicts; ability to communicate with military and civilian sponsors; ability to prepare technical proposals, statements of work, and independent government

CHINA LAKE SITE

No. 471-004-KB5, Secretary (Typing), DG-318-2/3, Weapons/Targets Integration Division, Weapons Department, Code 471000D—Area of Consideration: China Lake. **Permanent Change of Duty Station Authorized:** No. **Selecting Official:** Linda Murray, (619) 939-3500. **HRD Contact:** Kay Behrmann, (619) 939-2736. **Opening Date:** 3-9-95. **Closing Date:** 3-16-95. **Summary of Duties:** Incumbent provides secretarial and administrative support to the Head of Staff, Weapons Systems Planning Office and Precision Strike Technology Office. This position involves interaction with all levels of management and off-site program personnel and managers. Incumbent will receive direction from the Division Secretary. Incumbent will perform a full range of secretarial and administrative duties including answering and placing calls, timekeeping, training, making travel arrangements, planning for meetings and conferences, providing documentation preparation for management presentations; and assisting in support of department personnel database. **Quality-Ranking Factors:** Ability to interface

services, equipment, or hardware. They are the heart of government acquisition. This training will help participants develop a better understanding of their role as SOW writers; write more complete, concise documents; and understand the logic behind federal SOW formats.

To enroll or obtain further information, call Pat Nogle at 939-3159 (DSN 437-3159).

STATEMENT OF WORK PREPARATION (8 hrs.)

14 April; Friday, 0800-1600; Building 160, Room 1 (CMEO), Point Mugu. By: Mona Bonbright

Statements of Work (SOWs) are the basic means of communicating requirements to those who provide services, equipment, or hardware. They are the heart of government acquisition. This training will help participants develop a better understanding of their role as SOW writers; write more complete, concise documents; and understand the logic behind federal SOW formats.

To enroll or obtain further information, call Felicia Nickelberry at 989-3980 (DSN 351-3980).

BETTER BRIEFINGS (16 hrs.)

12-13 April; Wednesday-Thursday, 0800-1600, Training Center, China Lake. By: Miriam Cartwright

The purpose of this 2-day workshop is to improve the quality of the participants' briefings and presentations. By the end of the course, students will demonstrate that they can prepare and deliver presentations that have clear objectives, clear major messages, are well organized, and are supported by good visual aids. This workshop emphasizes learning through doing. After presentation and discussion of the basic features of excellent presentation, participants practice organizing material, making good viewgraphs, and giving presentations.

To enroll or obtain further information, call Pat Nogle at 939-3159 (DSN 437-3159).

MOTIVATION SKILLS (2-hr. live video broadcast via satellite)

20 April; Thursday, 1000-1200; Training Center, China Lake. By: Janet Papin, NTU

A large percentage of a supervisor's time is, and should be, spent motivating employees to meet objectives and goals and to perform at a general level of excellence. Supervisors who are successful in motivating employees have high productivity levels, excellent customer satisfaction, and effective employees. This presentation will provide participants with basic information about what motivation is, keys to motivate employees, and factors that affect how employees respond to motivation.

To enroll or ask questions, call Lori at 939-2686.

BASIC GRAMMAR REVIEW (8 hrs.)

20 April; Thursday, 0800-1600; Country Inn, Port Hueneme, Point Mugu area. By: Lanelle Thompson

The objective of this class is to help any employee who needs a very short refresher course in the mechanics of written expression. The class covers rules of sentence structure, use of active versus passive verbs, parallelism, subject and verb agreement, and pronoun usage. It is a fast-paced class; therefore, the student should have a good background in English and grammar.

To enroll or obtain further information, contact Felicia Nickelberry at 989-3980 (DSN 351-3980).

FILEMAKER PRO (16 hrs.)

25-26 April; Tuesday-Wednesday, 0800-1600; Training Center, China Lake; By: Marjorie Hunter, C0239

Note: Tuition fee is approximately \$60. Provide a job order number to the Employee Development Division 733000D when enrolling in this course.

Prerequisite: Basic Macintosh skills.

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

Presentation Method: Hands-On Workshop

Deadline: 11 April

To enroll or obtain further information, Quickmail or call Annette Hernandez at 939-0870 with name, code, social security number, and phone number.

BASIC GRAMMAR REVIEW (8 hrs.)

28 April; Wednesday, 0800-1600; Training Center, China Lake. By: Lanelle Thompson

The objective of this class is to help any employee who needs a very short refresher course in the mechanics of written expression. The class covers rules of sentence structure, use of active versus passive verbs, parallelism, subject and verb agreement, and pronoun usage. It is a fast-paced class; therefore, the student should have a good background in English and grammar.

To enroll or obtain further information, contact Pat Nogle at 939-3159 (DSN 437-3159).

MOTIVATION SKILLS (2-hr. live video broadcast via satellite)

27 April; Thursday, 0930-1130; Pt. Mugu. By: Janet Papin, NTU

A large percentage of a supervisor's time is, and should be, spent motivating employees to meet

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY95 SEMINARS

NAEI courses are designed for GM-13/Lieutenant Commanders (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes, and they have priority for available billets. Program costs are funded by NAEI. Travel and per-diem expenses of nominees are funded by their organizations. If the course is residential, lodging and meal costs are provided by NAEI. Nominations must be submitted on an NAEI form, which may be obtained from Lori Ryser, Program Coordinator, Code 733000D, China Lake, (619) 939-2686 (DSN 437-2686).

Note: A DD-1556 is NOT required. Nominations from all sites must be submitted to the Employee Development Division, China Lake, by the deadline dates listed below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO 733000D
Contemporary Management Issues and Practices	14-25 Aug 95	5 Jun 95
Politics of National Security	27 Aug-1 Sep 95	14 Jun 95
Managing Individual and Organizational Change	8-11 Aug 95	24 May 95
Washington Arena	18-22 Sep 95	10 Jul 95
Capitol Hill Workshop	12-15 Jun 95	3 Apr 95
Congressional Hearing Process	5, 6, and 9 Dec 95	1 Nov 95
Executive Leadership (4 sessions)	New SEMDP only - TBD	
NEW - Managing Critical Resources	TBD-5 days	
NEW - Creating the High-Performance Workplace	TBD-5 days	

CSUB SPRING COURSES

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

COURSES UNDER CONTRACT

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

MIS610: SEMINAR IN INFORMATION SYSTEMS MANAGEMENT (5 quarter units)

30 March-1 June; Thursdays, 1610-2110; Training Center, China Lake. By: Professor McNamara, CSUB

Scope: An examination of contemporary issues related to the management and utilization of computer-based information systems. Emphasis is on the management and utilization of computer and information resources. Attention will be focused on current developments in the MIS field which will impact business organizations.

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

MGT302: INTRODUCTION TO OPERATIONS MANAGEMENT (5 quarter units)

30 March-1 June; Thursdays, 1610-2110; Training Center, China Lake. By: Professor Vigen, CSUB

Prerequisites: Math 20: Basic Functions and Calculus for Business and Math 22: Elementary Probability and Statistics or equivalents or consent of instructor.

Scope: Introduction to the system for planning, operating, and controlling the processes that transform inputs into outputs of finished goods and services in both profit and nonprofit organizations. Topics include: operations strategy, planning, controlling, production technology, design of systems, materials management, and quality control. Computer software and simulation models are used to analyze operations management functions.

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

MATH477: THEORY OF PROBABILITY (5 quarter units)

27 March-5 June; Mondays and Wednesdays, 1610-1810; Training Center, China Lake. By: Dr. Lee Lucas, 375-5694

Prerequisite: Calculus III or consent of instructor.

Scope: Axiomatic probability, random variables, density and distribution functions, common probability distributions, conditional probability, moment generating functions, convolutions of random variables, central limit theorem.

Note: This course is a required course for the bachelor's degree in computer science and a required foundation course for master's degree in computer science through CSU, Chico. This course is a required foundation course for the master's degree in systems engineering through CSU, Northridge.

COURSES NOT UNDER CONTRACT

The cost is \$500 per person per course. To enroll in one of these courses, call Denise at 939-2648. Enrollments for courses will be on a first-come, first-served basis.

Note: Civil service employees at China Lake taking this course and expecting to obtain tuition support must submit via department channels to Code 733000D prior to registration a DD Form 1556 (Off-Center Training Request) with a JO# supplied by their department and an "objective" statement explaining how the course is job related. For more information, please call Cecil Webb at 939-0878.

LRM412: ENVIRONMENTAL LAW II (5 quarter units)

4 April-6 June; Tuesdays, 1610-2110; Training Center, China Lake. By: Michael Saltz

Prerequisites: LRM411: Environmental Law I through CSUB or equivalent or consent of instructor.

Scope: A continuation of LRM411. Regulation of air, water, and hazardous waste.

ADM577: SEMINAR IN FUTURISM (5 quarter units)

29 March-31 May; Wednesdays, 1610-2110; Training Center, China Lake. By: Professor Paris, CSUB

Scope: This seminar will consider the virtual realities of the challenges and opportunities for organizations and administrators in the face of: the re-inventing of government, workplace diversity and democracy, the information highway and the global village, environmental degradation, resource scarcity, and economic interdependence. The context of the class analysis and discussion will focus on the policy alternatives available given social, economic, legal, and ideological constraints.

Note: This course is an elective course for both the master's degree program in administration and the bachelor's degree in business administration through CSUB.

objectives and goals and to perform at a general level of excellence. Supervisors who are successful in motivating employees have high productivity levels, excellent customer satisfaction, and effective employees. This presentation will provide participants with basic information about what motivation is, keys to motivate employees, and factors that affect how employees respond to motivation.

To enroll or ask questions, call Mary at 989-3982.

OTHER TRAINING

NEW EMPLOYEE ORIENTATION (4 hrs.)

14 March; Tuesday, 0800-1130; Channel Islands Air National Guard, Bldg 106, Point Mugu vicinity. By: NAWCWPNS/NAWS Staff

Intended Audience: New employees.

Our program starts with a Welcome Aboard and NAWCWPNS Overview by Captain Hull and a NAWS

Overview by Captain Laughter. Other topics included in the program are Prevention of Sexual Harassment; Security; Civilian Employee Assistance Program; Fraud, Waste, and Abuse; and Environmental Awareness.

To enroll, call Sue at 939-2349 (DSN 437-2349)

Presentation Method: Seminar

Deadline: 9 March

CAREER TRANSITION WORKSHOP (16 hrs.)

15-16 March; Wednesday-Thursday, 0800-1600; Training Center, China Lake. By: Julie Streets, Employee Development Specialist

The Career Transition Workshop introduces the participant to job change strategies used by successful people. Using a career decision model, participants will identify their personality type, values, skills, interests, and accomplishments. The will also study the latest job search strategies and techniques and become more skilled at networking, resume/SF-171/OP-612 preparation, personal marketing, and interviewing.

To enroll, call Sue at 939-2349 (DSN 437-2349) or

submit a completed On-Board Training Request Form (NAWCWPNS 12410/1 (9-92) to Code 733000D/E.

RETIREMENT FOR THOSE WITHIN 5 YEARS OF RETIREMENT (16 hrs.)

28-29 March, Tuesday-Wednesday, 0800-1630; Bldg. 3015, Room 339, Point Mugu. By: Employee Relations, Code 731000E

Presentations from HRD personnel on CSRS and FERS retirement systems, including creditable service, military service, and Catch 62, deposit/redeposit service, how annuities are computed, TSP, health and life insurance, and social security. There will also be presentations from the local community on financial planning, estate planning, wills and trusts, taxes, volunteer work, starting and running your own business, and looking forward to aging.

To enroll, call Mary Glasmann at 989-3982 (DSN 351-3982).



HUMAN RESOURCES DEPARTMENT INFORMATION

The Human Resources Department (HRD) Information Section is intended to provide timely HRD information to NAWCWPNS personnel. Any questions or issues pertaining to this section may be addressed to Ron Rogers, Code 733000E (P622), (805) 989-3997 (DSN 351-3997), FAX 989-9846 (DSN 351-9846).

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 44 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Telmart) at China Lake. Forms for Point Mugu may be mailed to Code 731000E (P621); forms for China Lake may be mailed to Code 731000D (C621). For additional information, call Estela Padilla at (805) 989-3222 or Pat Miller at (619) 939-2018.

CHINA LAKE

Tina Snider Tina is on maternity leave.	Erin Strand, Code 474530D Erin is on maternity leave.	Shante Lloyd Shante is on maternity leave.	Jean Rongish, C2612 Jean Rongish has undergone surgery on both feet for tarsal tunnel syndrome.
Tami Casley Tami was involved in an automobile accident, which caused severe trauma to her spinal column.	Carolyn King-Deleon Carolyn has severe patellar chondromalacia of both knees and is undergoing arthroscopic knee surgery.	Jackie Van Skike Jackie is recovering from heart surgery.	Howard Gerriash, C2772 Howard obtained severe injuries in an accident.
Barbara Gleen Barbara has been hospitalized for extended medical treatment.	Alvina Quintanilla Alvina is recovering from surgery.	Kathleen Luecken, C3931 Kathleen is recuperating from surgery and will be out for several weeks.	Larry Kuster, C842 Larry has colon cancer and is undergoing chemotherapy and radiation treatments.
Joan Johnson Joan is unable to work as a result of a heart attack and diabetes complications.	Diane Richardson Diane will be confined to bed for a minimum of 6 weeks following surgery on her right foot and will be in a cast for 10 to 13 weeks.	Denise Evans, C6111 Denise, who is a single mother, suffered a stroke and will be unable to return to work for an extended period of time.	Jo Ella Kivett, C2614 Jo Ella is on maternity leave.

POINT MUGU

Marl Zaragoza, 731000E Marl is on maternity leave.	La Wanda Lint, 832620E La Wanda is recovering from knee surgery.	Dorothy Corville, Code 220000E Dorothy is experiencing a difficult pregnancy that requires bed rest.	Paul Sailer, 543110E Paul is recovering from injuries sustained in a traffic accident.
Carla Allen, 48D000E Carla is recovering from surgery.	Ruth Sanders, NAVSOC Ruth is caring for her mother, who is ill.	Brenda Davis, Code 731000E Brenda has lupus erphematosus.	Sharon Allen, Code 451D00E Sharon is on maternity leave.
Virginia Johnson, 835400E Virginia is recovering from surgery.	Jamie Vreeland, Code 836500E Jamie is on maternity leave.	John Duhon, 833630E John is recovering from a heart attack.	Roleta Vasquez, Code 321000E Roleta is recovering from an illness.

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

To enroll in a class, nominations should be submitted to the site where the course is being held. The On-Board Training Request Form (NAWCWPNS 12410/2 (9-92)) is used for submitting nominations and is available at Servmart/Telemart. To enroll in a course, call the phone number listed in the announcement. If there is no phone number listed, submit the On-Board Training Request Form to Code 733000D or Code 733000E. Nomination forms should be submitted as early as possible to preclude courses from being canceled because of low enrollment. NAWCWPNS employees may attend training at either site with supervisory approval and on a space-available basis.

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

SYSTEMS SAFETY (8 hrs.)

14 March; Tuesday, 0800-1600; NCBC, Bldg. 1444, Rm. 270, Port Hueneme. NAWCWPNS Instructor

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This course will include what the technical manager (not the practitioner) should know about systems safety: what it is, why it is important, how it is integrated into the acquisition program, and what elements are required in such a program.

To obtain further information, contact Cliff Lewis at 989-3009 (DSN 351-3009).

RELIABILITY/MAINTAINABILITY

15 March; Wednesday, 0800-1600; NCBC, Bldg. 1444, Rm. 270, Port Hueneme. NAWCWPNS Instructor

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This course is designed to acquaint managers with the elements of reliability and maintainability. The latest activities by DOD, CMN, and NAWS will be discussed. Topics include R&M requirements, R&M management, design criteria, design analysis, parts and materials programs, integrated test programs, failure recurrence control, and documentation review. Help in tailoring these elements to a particular contract because of program phase cost and schedule will be provided.

To obtain further information, contact Cliff Lewis at 989-3009 (DSN 351-3009).

QUALITY ASSURANCE (8 hrs.)

16 March; Thursday, 0800-1600; NCBC, Bldg. 1444, Rm. 270, Port Hueneme. NAWCWPNS Instructor

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This course provides an overview of the role of quality assurance in defense procurements. Topics

covered include definition of quality terms, expectations, organizations and functions; quality planning, inspections, reviews and audits; quality system reporting; and tools of total quality management (TQM). To obtain further information, contact Cliff Lewis at 989-3009 (DSN 351-3009).

ADVANCED NETWORKING WITH WINDOWS NT (6-hr. video from previous live broadcast)

17 March; Friday, 0800-1400; Training Center, China Lake.

31 March, Friday, 0800-1500; NAR, Building 323, Rm 160, Point Mugu. By: National Technological University

Sponsor: Northeastern University/Distributed Technologies Corporation

Intended Audience: Network designers, IS consultants, software professionals, and other interested in understanding how Windows NT can be utilized in desktop networking. This is not an introductory course.

Prerequisites: Windows NT Introduction and Windows NT Implications.

This course teaches you how Windows NT and NT Advanced Server perform in the network environment and how to take advantage of the Windows NT features for optimum networking. You will learn how to configure clients nodes, setup, support, and troubleshoot the network of both work group and Windows NT Advanced Server domain configurations.

To enroll, call Annette Hernandez, China Lake at 939-0870 (DSN 437-0870) or Mary Glasmann, Point Mugu at (805) 989-3982 (DSN 351-3982)

SYSTEMS ANALYSIS (8 hrs.)

21 March; Tuesday, 0800-1600; Training Center, China Lake. By: Dr. Frank Reed, Consultant

REQUIRED FOR ENROLLEES IN TMC/TMDP PROGRAMS. ENROLLEES IN SEC PROGRAM ARE ALSO ENCOURAGED TO ATTEND.

This 1-day seminar is designed to make the program manager aware of the classical tools of systems analysis. Without going into mathematical detail, the modeling efforts suitable for different types of

system analysis problems will be discussed. Methods by which the program manager and systems analyst together can arrive at a modeling effort whose assumptions and limitations are understood and whose results guide program development will be discussed. In addition to classical systems analysis, the effect of software development on system design will be covered. The importance of supportive or complementary systems on system design will be presented.

The point of contact for this course is Dorothy Wiederhold at 939-2359 (DSN 437-2359).

EMBEDDED SOFTWARE DESIGN TELEBROADCAST 1994 (4-hr. video from previous live broadcast)

21 March; Tuesday, 0800-1200; NAR, Bldg. 323, Room 160, Point Mugu. By: National Technological University. Sponsor: Hewlett Packard

Intended Audience: Network equipment manufacturers, aerospace and defense, consumer electronics, industrial electronics, automotive electronics, software and firmware designers, systems engineers, software project managers, integrators of hardware and software.

This video presents the technical papers, discussing software design topics. It is a half-day format with three 50-minute presentations, integrated live measurements, and panel discussion. The broadcast will give you and your design team a valuable update on some current design practices being used by other parties in the industry. These range from practical design tips to an insight into new technologies or techniques that may be invaluable on your current or new project.

To enroll, Mary Glasmann at Point Mugu, 989-3982 (DSN 351-3982).

DESIGNING NETWORKS IN MULTIVENDOR ENVIRONMENTS (6-hr. video from previous live broadcast)

23 March; Thursday, 0800-1500; NAR, Bldg. 323, Room 160, Point Mugu. By: National Technological University. Sponsor: Northeastern University/Distributed Technologies Corporation

This course will help you identify the critical

successful implementation of multivendor networks and will enable you to design and build multivendor networks more effectively. You will gain a better understanding of the user's expectations and network implementation criteria, learn about emerging networking technologies, understand the strategies for interoperability, be able to isolate and analyze the components of a successful network system, and understand how to make them work for you.

To enroll, call Mary Glasmann, Point Mugu at (805) 989-3982 (DSN 351-3982)

ADVANCED ANTENNAS (40 hrs.)

27-31 March, Monday-Friday, 0800-1600; Training Center, Room 107, China Lake. By: Evolving Technology Institute

Note: Tuition fee is \$152.09 per person. You must provide a job order number to the Employee Development Division, Code 733000D when enrolling in this course.

Intended Audience: Technicians.

Prerequisites: Background in working in microwave components and/or antennas for radar communications or surveillance systems.

This course is designed for technicians working in the area of advanced antenna systems and circuits to give them a more in-depth understanding of antennas, their circuitry, the interpretation of the antenna-subsystem specifications, and methods for testing. This course begins with a detailed review of basic concepts and the quantitative relationship between RF currents on the antenna and the resulting antenna radiation patterns. Emphasis will be placed on the functioning of various types of antennas and their suitability for various system applications. Also, a discussion of testing antenna performance on various types of antenna ranges will be presented. The course will conclude with an exposition of procedures for the measurement of the significant antenna characteristics, including a discussion of antenna ranges and their applicability in the testing of different antennas.

Deadline: 13 March

To enroll, call Lori Ryser at China Lake, 939-2686 (DSN 437-2686)

INFRARED WINDOW AND DOME MATERIALS (8 hrs.)
28 March; Tuesday, 0800-1700; Conference Room B-C, Mich Lab, China Lake. By: Dr. Daniel C. Harris, Code 474220D

This 1-day course presents an overview of the optical, thermal, and mechanical characteristics of infrared-transmitting window and dome materials, with a special section on chemical-vapor-deposited diamond technology. Other topics include thermal shock response, rain and particle erosion, protective coatings, antireflection coatings, and electromagnetic shielding. Single-crystal growth, ceramic hot pressing, chemical vapor deposition, and optical finishing will be described. The latest advances in dome and window design and testing will also be discussed. The course is directed at engineers, scientists, and managers who need an introduction to properties, performance, and manufacture of windows and domes. The textbook, *Infrared Window and Dome Materials* by Daniel C. Harris (SPIE Press, 1992), is included with the course materials.

Deadline: 14 March

To enroll, call Dorothy at 939-2359 or 939-0874.

ACQUISITION OF TECHNICAL DATA (8 hrs.)

29 March; Wednesday, 0730-1600; Training Center, China Lake. By: Stan Caine, Code 332100D
REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

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

Deadline: 15 March

The point of contact for this course is Dorothy Wiederhold at 939-2359 (DSN 437-2359).

DATABASE DESIGN FOR TODAY'S ENVIRONMENTS (6-hr. video from previous live broadcast)

30 March; 0800-1500, Point Mugu, NAR, Bldg. 323, Room 160. By: National Technological University. Sponsor: Northeastern University/Distributed Technologies Corp.

Intended Audience: IS professionals, technical consultants, software developers, and others interested in developing client/server database applications and examining the various approaches for doing so.

Prerequisite: Knowledge of Client/Server Technology.

Client/server applications must facilitate the linking of massive and dispensed amounts of data. This course addresses the issues

associated with database applications within a client/server environment, the implementations of proprietary versus common APIs for database connectivity, and the need to change the

host-based database model to a new client/server-based model. This course examines the following: What are the current database connectivity choices? What are the requirements for database interoperability? How to provide transparency for data access? Do middleware tools (ODBC, IDAPI, EDASQL, XPG4) facilitate distributed data access?

To enroll, call Mary Glasmann at 989-3982 (DSN 351-3982).

TAGUCHI METHODS (8 hrs.)

5 April; Wednesday, 0800-1600; TBD, Point Mugu. By: NAWCWPNS Instructor
REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

Robust design using Taguchi techniques is an efficient experimental strategy for identifying the best, in a well-defined performance sense, set of parameters for a component, subsystem, system, or process. The technique is general in nature and not limited to special areas of science or engineering. Robust design is used extensively by the Japanese, and its use in the U.S. has grown considerably over the last 10 years. Specific topics that will be covered in this course include quality loss functions, orthogonal arrays, data analysis, experiment design, data transformations, performance prediction, and design philosophies. Numerous examples relating to work in the area of simulation and analysis done at NAWCWPNS will be presented.

To obtain further information, contact Cliff Lewis at 989-3009 (DSN 351-3009).

SOFTWARE COST ESTIMATING (8 hrs.)

6 April; Thursday, 0830-1600; Training Center, China Lake. By: Dinah Brees, C25254

Learn how software cost estimating can help you successfully manage your project. The Software Process Improvement Initiative (SPII) efforts to reach the Software Engineering Institute's (SEI) maturity level 2 depend upon improving our software project management, and this includes software cost estimating. Find out what COCOMO and other software cost estimating models can (and can't) do for you. The three commercially successful software cost estimating models will be demonstrated in class: SLIM at 1200, Price-S at 1315, and SEER at 1430.

To enroll or obtain further information, contact Annette Hernandez at 939-0870 or Quickmail with name, code, social security number, and phone number.

DRIVER'S EDUCATION FOR THE INFORMATION SUPERHIGHWAY; THE GRAND TOUR (6-hr video from previous live broadcast)

6 April; Thursday, 0800-1500; Point Mugu, NAR, Bldg. 323, Room 160. By: National Technological University. Sponsor: Northeastern University

Intended Audience: People who have wondered what they might be missing by not being connected to the outside world via an on-line service.

Prerequisites: General experience using a computer or familiarity with an Apple Macintosh or UNIX system.

The Information Superhighway is being built around us, yet very few people actually know much about it. What is this electronic freeway? Where are the on-ramps? What hardware, software, knowledge, and skills do you need once you get there? How can you take advantage of the highway for business? For pleasure? This course will answer all of these questions and more by focusing on the components of tomorrow's Information Superhighway that already exists today. This session includes in-class demonstration of several networks and on-line services. This course also includes a brief, non-technical overview of data communications and networking technology to provide the foundation for your exploration of the Information Superhighway.

To enroll, call Mary Glasmann at 989-3982 (DSN 351-3982).

WINDOWS NT: Introduction (24 hrs.)

10-12 April; Monday-Wednesday, 0800-1630;

2901 Ventura Rd, Oxnard. By: Computer Focus

Note: Tuition for this course is \$975 per person. You must provide a job order number to the Employee Development Division, Code 733000E when enrolling in this course.

Intended Audience: Network support professionals who configure and support Microsoft Windows NT version 3.5.

Prerequisites: Working knowledge of the Microsoft Windows operating system, etc., and understanding of basic network function.

This course provides the foundation for supporting Microsoft Windows NT operating system version 3.5, including skills to configure, customize, troubleshoot, and integrate networks. Topics include Module 1: Environment, Microsoft Windows NT Server 3.5 contrasted with the Windows NT Workstation 3.5, features and functions, and standard default configuration. Lab: Exploring the workstation environment; Module 2: Accounts, Policies, and User Rights; Module 3: Configuring the System; Module 4: File Systems; Module 5: Managing Disk Resources; Module 6: Securing the System; Module 7: Networking Environment; Module 8: Browser; Module 9: Remote Access Service; Module 10: Printing; Module 11: Booting; Module 12: Troubleshooting.

To enroll, call Annette Hernandez at China Lake, (619) 939-0870 (DSN 437-0870) or Mary Glasmann at Point Mugu, (805) 989-3982 (DSN 351-3982).

ACQUISITION OF TECHNICAL DATA (8 hrs.)

12 April; Wednesday, 0800-1600; TBD, Point Mugu. By: Stan Caine, Code 332100D

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

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

To obtain further information, contact Cliff Lewis at 989-3009 (DSN 351-3009).

MISSILE GUIDANCE AND CONTROL (32 hrs.)

25-28 April; Tuesday-Thursday, 0800-1600; Training Center, China Lake. By: Tom Kennedy, E.T.I.

Eligibility Requirements: BS in Electrical or Mechanical Engineering (or equivalent) and completion of one or more courses on classical and modern control systems.

Modern control systems theory has given engineers the tools to model and predict the performance of complex systems with incredible accuracy. One application of this theory is used in the design of missile guidance and controls. This course provides an overview of the design of tactical guided missiles with the emphasis on modern seeker technology. The course covers design considerations of the autopilots, the missile guidance equations, the seeks and track loops, as well as the missile development process. The course addresses the application of modern control systems theory to the problem of accurately controlling and guiding a missile to its target.

Deadline: 11 April

The point of contact for this course is Dorothy Wiederhold at 939-2359 (DSN 437-2359).

TECHNOLOGY REVIEW & UPDATE FOR TECHNICAL PERSONNEL (40 hrs.)

24-28 April; Monday-Friday; Naval Postgraduate School, Monterey, CA. By: Prof. Rudy Panholzer

This course is intended for military and civilian technical personnel who are interested in refreshing and updating their knowledge in the areas listed in the course outline. Each participant in this course is expected to be involved in work in at least one of these areas. The course provides an excellent overview and stresses the more practical aspects of the topics listed.

COURSE OUTLINE:

- Radar: The How and Why
- Role of Electronic Warfare
- Microsensors and Microactuators
- Optical Sensing Technology
- Software Engineering Developments
- Tour of Selected NPS Laboratories
- Linear Integrated Circuits
- Digital Integrated Circuits
- Fuzzy Logic and Neural Networks

The cost is \$500. Please submit a DD 1556 to your respective Training Center.

REGISTRATION DEADLINE: 3 April

The address to be put on the DD 1556 is:

Treasurer of the United States
Space Systems Academic Group
Naval Postgraduate School
777 Dyer Road, Rm. 200
Monterey, CA 93943-5110

If you have any questions, call Dorothy Wiederhold at 939-2359, 733000D, China Lake, or Marcy Acosta at 989-3992, 733000E, Point Mugu.

OFFICE OF CIVILIAN PERSONNEL MANAGEMENT WESTERN REGION

The following no-tuition costs courses are available to all NAWCWPNS employees. For more information, call Lori at 939-2686 or DSN 437-2686.

San Diego, CA

11-13 April	Retirement Processing
17-20 April	Civilian Personnel Management Field Institute (CPMFI)
25-26 April	Dealing Effectively With Problem Employees
01-05 May	Introduction to Staffing and Placement
03 May	Preventing and Resolving Equal Employment Opportunity (EEO) Complaints
09-10 May	Research Methods and Application for Personnelists
22-26 May	Unfair Labor Practice (ULP) Workshop

Barstow, CA

25-28 April Introduction to EEO

Port Hueneme, CA

23-24 May Effective Presentations

CONTRACTING OFFICER'S REPRESENTATIVE COURSES

The following schedule lists Naval Regional Contracting Center-sponsored training courses for FY95. To apply for the courses, complete a DD-1556 for the Naval Regional Contracting Center, 937 North Harbor, San Diego, CA 92132-5106 and send it to your Employee Development Division, Code 733000E or Code 733000D, for processing. The cost is \$300. For more information, contact Felicia Nickelberry at 989-3980/DSN 351-3980.

Date	Location
11-13 April	San Diego
12-14 April	NWAD Corona
23-25 May	San Diego
12-14 July	NSWC Port Hueneme
25-27 July	San Diego
22-24 August	San Diego

AIRCRAFT INTEGRATION (16 hrs.)

16-17 May; Tuesday-Wednesday, 0800-1630; NCBC, Building 1444, Room 270, Port Hueneme. By: NAWCWPNS Instructor

REQUIRED FOR ENROLLEES IN THE SEC/SEDP PROGRAMS.

This course is intended to provide the student with an understanding of the conceptual design trade-offs and functional partitioning involved in the design of modern avionics systems. Students will have an understanding of the electrical environment of tactical aircraft. Application of wiring, analog and digital interfaces, and commonly used interface circuits in this environment will be discussed. Electromagnetic interference effects on the design and troubleshooting of avionics will be considered. Analysis of the hardware and software design of a typical avionics black box will be conducted. Several aircraft cockpits will be discussed to show how the relationship of cockpit displays, instruments, switches, and gauges affect avionics design. The class will conclude with the design of several sample avionics design problems.

To obtain further information, contact Cliff Lewis at (805) 989-3009 (DSN 351-3009).

INTEGRATED LOGISTICS SUPPORT (ILS) (8 hrs.)

24 May; Wednesday, 0800-1600; NCBC, Building 1444, Room 290 Port Hueneme. By: NAWCWPNS Instructor

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

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

To obtain further information, contact Cliff Lewis at (805) 989-3009 (DSN 351-3009).

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

STRESS MANAGEMENT (8 hrs.)

16 March; Thursday, 0800-1600; Base Chapel, Enger Hall, Point Mugu. By Dr. Suzanne Hard, Consultant

Do you react to stress by feeling overloaded and under-accomplished? Do you know people who seem to thrive on stress? The workplace and your life are changing at such a rapid pace that sometimes it creates a feeling of hopelessness. Why are people experiencing so much stress today? How much is too much? More importantly, what can you personally do about reducing this stress? This course is designed to help you become a manager of your stress and to learn new tactics to deal with it. Harness the power of stress and focus it to be a positive force.

To enroll, call Mary at 989-3982.

EQUIPMENT CUSTODIAN (3 hrs.)

23 March; Thursday, 1300-1600; Training Center, China Lake. By: Debra Schlick, Code 725100D

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

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

Enrollments are on a call-in basis. To enroll, call Sue at 939-2349.

INTERPERSONAL COMMUNICATIONS SKILLS (8 hrs.)

28 March; Tuesday, 0800-1600; Training Center, China Lake. By: Bob Huey

This course will provide communication skills for supervisors, team leaders, and non-supervisors. This course helps with team building, expressing your own needs and wants, and dealing with difficult people. There will be practice and experience using models for giving and receiving feedback, giving direction, win-win negotiation, expressing feelings, and understanding personality styles and their role in communication. There will also be practice in observation, listening, miscommunication, and empathy skills.

To enroll or ask questions, call Lori at 939-2686.

BROADBAND ISSUES: ATM User Views (3 hrs.)

30 March; Thursday, 1000-1300; Training Center, China Lake. By: Bellcore Training Network

Note: Tuition fee will be prorated between attendees; estimated cost \$100 to \$200. You must provide a job order number to the Employee Development Division, Code 733000D when enrolling in this course.

Dan Minoli, Principal Consultant with DVI Communications and recently from Bellcore, will present information about Fortune 500 company views on ATM services and technology. Mr. Minoli has written extensively on ATM technology and applications, including several books and reports and lectures at leading universities. Topics include current networking perspectives in the financial, education, and health care markets; building campus networks; wide-area networking approaches; cost-based decision making; equipment selection; ATM standards and signaling views; managing ATM networks; digital video in corporate environments, potentials, and realities. Direct questions about the technical aspects of this class to Norm Carroll at 939-3358 or via QuickMail.

Deadline: 27 March

To enroll, call Dorothy at 939-2359.

MTF EDITOR TRAINING (8 hrs.)

4-5 April; Tuesday-Wednesday, 0730-1130 (Macintosh); 11-12 April; Tuesday-Wednesday, 0730-1130 (MS-DOS); Training Center, China Lake. By: China Lake Automated Message Service Center

MTF Editor Version 3.4 classroom training is now available. This is a complete, hands-on training. People completing this class will be able to create and edit GENADMIN and Free Form naval messages, create Short and Long Form Readaddresses, and process their messages on diskettes for transmission by the China Lake Automated Message Service Center. Students will learn how to use the built-in spell checker, check for format errors, print draft copies of their messages, and many other features of MTF Editor and DiskMaker.

To enroll or obtain further information, contact Annette Hernandez at 939-0870 or via QuickMail with name, code, social security number, and phone number.

EXCEL FOR THE MACINTOSH, BEGINNING (16 hrs.)

5-6 April; Wednesday-Thursday, 0800-1600; Training Center, China Lake. By: Paul Baczkiwicz, C0802

Prerequisite: Basic Macintosh operating skills.

In this class you will learn basic Excel concepts—creating a worksheet; entering values, labels, formulas and notes; worksheet development (editing, moving around, using help, functions, fill copy, absolute and relative addressing, cut and paste, paste special, formatting, insert/delete, rows/columns,

APPLICATIONS FOR ACADEMIC FELLOWSHIPS ARE BEING ACCEPTED

The NAWCWPNS Fellowship Program (NFP) is seeking applications for long-term graduate and undergraduate. Fellowships (training off-Center for a period of more than 120 consecutive working days). Applications are invited from NAWCWPNS and subordinate command employees at all sites for programs of study beginning in fall 1995. To be eligible for a Fellowship, interested individuals should be employed at NAWCWPNS for at least 3 years at the time studies begin and, if applying for undergraduate level training, must be within 2 years of completing the undergraduate program.

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

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

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

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

Training funds are available to cover the employee's salary (including MTP funding), tuition, and fees required for enrollment. The Academic Fellowship Office, Code 733000D/E, will be responsible for supervision of employees while they are participating in the NFP.

Further details of the NAWCWPNS Fellowship Program and application forms are available from the Employee Development Division, Code 733000D/E, Julie Streets at (805) 989-3984 (DSN 351-3984) or Sue Murray (619) 939-2349 (DSN 437-2349).

The deadline for submission of applications is 17 March.

CRITICAL NEEDS FOR FELLOWSHIPS ARE AS FOLLOWS:

ELECTRONIC/ELECTRICAL ENGINEERING

Test and Evaluation
Computer Hardware and Software
Radio Frequency Theory and Design
Antenna Systems/Design
Communications
Instrumentation
Signal Processing
Computer Networking
Aircraft/Radar/Missile Systems Design
Design and Analysis of Aircraft Modification
Fuzing Design

AERONAUTICAL ENGINEERING

Flight Stability
Flight Control Systems

CHEMISTRY

Polymer Chemistry
Chemical Synthesis/Liquid Fuels

CHEMICAL ENGINEERING

GEOPHYSICS

Seismology/Solid Earth Processes

PHYSICISTS

Infrared Radiation Generations and Measurement

METALLURGY

Composite Materials
Radiation Spectrums

AEROSPACE/MECHANICAL ENGINEERING

Machine Design
Systems Design Optimization
Design Methodology
Computer-Aided Design
Concurrent Engineering Processes

SOFTWARE ENGINEERING/COMPUTER SCIENCE/ COMMUNICATION ENGINEERING

Distributed Embedded Systems Architecture
Real-Time Operating Systems
Software Analysis
Software Test (Assy, C++, Pascal, ADA, etc.)
SEI Affiliates Program
3D Graphics

Software Project Management

Software Design
Network
Systems Engineering Analysis
High-Speed Communication Technology

SYSTEMS ENGINEERING/INTEGRATION

Neural Net Theory/Fuzzy Logic
Signal Processing (Digital and Analog)
Electronic Intelligence and Analysis
Multisensor Integration (Passive/Active Sensor Technology, GPS, Inertial Navigation, etc.)
Range Systems
Range Communications

OTHER/INTERDISCIPLINARY

Signal Processing (Advanced for Radar Imaging)
Applied Electromagnetic Theory
Advanced Computational Graphics
ECM/ECM (System Analysis, Waveform Analysis, Threat Analysis)
Electronic Intelligence and Analysis
Electronic Warfare
Optics
Electro-Optics/IR Engineering
Microwave Receiver Design
Laser Systems
RF Solid-State Devices
Threat Analysis
Aircraft Tactics Design
Project Engineering/Management
Safety/Environmental Engineering
Contract Management
Data Management
Computational Statistics
Requirements Analysis
Functional Analysis
Systems Analysis
Product Assurance
Production Engineering
Strategic Business/Economic Analysis
Detonation Physics
Ordnance Engineering
Propulsion Engineering
Applied Mechanics (Elasticity/Fatigue/Fracture Mechanics, Experimental Mechanics)
Structural Dynamics (Aeroelasticity, Advanced Vibrations)
Structural Mechanics (Composite Design Analysis, Experimental Mechanics)
Heat Transfer (Aero Thermodynamics, Radiation)

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

Presentation Method: Hands-On Workshop

Deadline: 22 March

To enroll or obtain further information, contact Annette Hernandez at 939-0870 or via QuickMail with name, code, social security number, and phone number.

EFFECTIVE PRESENTATIONS (16 hrs.)

5-6 April, Wednesday-Thursday, 0800-1600, Country Inn, Port Hueneme, Point Mugu area. By: Marian Lapan

This seminar will present specific concepts and techniques to assist employees in strengthening their personal performance during presentations. Participants will learn methods to conquer common fears of public speaking and enjoy the opportunity of

sharing ideas through effective presentations. The seminar format emphasizes learning through doing and will include direct feedback using audio-visual aids, lecture, writing, focused exercises, guided imagery, and relaxation techniques.

To enroll or obtain further information, call Felicia Nickelberry at 939-3980 (DSN 351-3980).

BASIC NAVAL WRITING (8 hrs.)

11 April; Tuesday, 0800-1600; Training Center, China Lake. By: LaNelle Thompson

SECNAVINST 5216.5C sets new writing standards and encourages the adoption of the standards by all people employed by the Department of the Navy. The class instructor will review those standards; i.e., the use of active versus passive verbs, personal pronouns, and short sentences.

Deadline: 4 April

To enroll, call Sue at 939-2349.

OFFICIAL NAVAL CORRESPONDENCE (8 hrs.)

12 April; Wednesday, 0800-1600; Training Center, China Lake. By: LaNelle Thompson