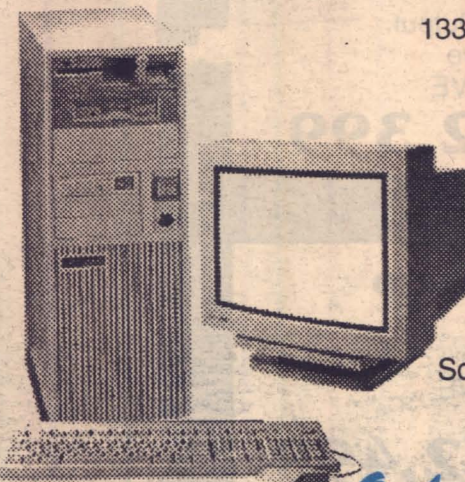


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THE ROCKETEER

THURSDAY, SEPTEMBER 21, 1995

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 51, No. 19

Gas generator fire extinguisher tested at WSL

By Susan L. Hennigan
Science & Technical Documentation

Military aircraft, like all aircraft, are susceptible to fires in engine nacelles. Thousands of commercial and military aircraft currently have Halon fire extinguishers for their engine nacelles (compartments). Bromotrifluoromethane, Halon 1301, is one of the most commonly used agents. However, Halon 1301 has been labeled a Class-1 ozone depleting compound (ODC) and is being phased out under the Montreal Protocol of 1987, to which the United States is a signatory. This protocol called for a worldwide reduction of ODCs by the year 2000.

A gas generator fire extinguishing system designed as an alternative to current Halon 1301 systems was evaluated during recent dry bay and engine nacelle tests at Naval Air Warfare Center Weapons Division China Lake. Based on existing airbag-inflation technology, the gas generator system was developed by Olin Rocket Research Division of Olin Aerospace Company, Redmond, Wash.

The thrust of recent efforts to produce a Halon alternative stems from the United States' acceptance of the Montreal Protocol. The gas generator system, which rates as a zero ozone depletion potential (ODP) fire extinguisher, is approved by the Environmental Protection Agency.

"The gas generator system functions much like a rocket motor, except that no external fire or thrust is produced," said Leo Budd, an aerospace engineer from China Lake's Survivability Division. "Combustion inside the cylinder produces inert gases that are released into the aircraft engine or dry bays. Once released, the heated gas rapidly expands through the bay, displacing the available oxygen and effectively smothering the fire. The gas, along with combustion products from the extinguished fire, is then flushed out of the bay by the ventilation airflow."

During tests conducted at Weapon Survivability Laboratory, a simulated F/A-18 dry bay and fuel tank were used to investigate the gas generators ability to suppress dry-bay fires and explosions resulting from ballistic penetration of the fuel tank. Similar testing of a simulated wing section of the Marine Corps' V-22 vertical take-off and landing aircraft was also done. During both test series, realistic threats were used to simulate combat damage. Under these conditions, fires and/or explosions that occur propagate within milliseconds, and rapid suppression and/or extinguishment is required to reduce aircraft vulnerability.

"Results of the F/A-18 and V-22 dry bay tests showed that the gas generator system is highly effective in suppressing and extinguishing fires or explosions in the dry bays," said Budd. Based on these results, incorporation of the gas generator system into existing F/A-18 and V-22 designs has been approved.

Please see **EXTINGUISHING SYSTEM**, Page 7

Push button to cross street at PM

Habits are hard to break — but beware. A signal light has been installed in front of the Point Mugu Air Terminal. Drivers will not automatically stop for pedestrians as they did with the former stop sign. Those wishing to walk across the street must push a button to change the light. Be careful.

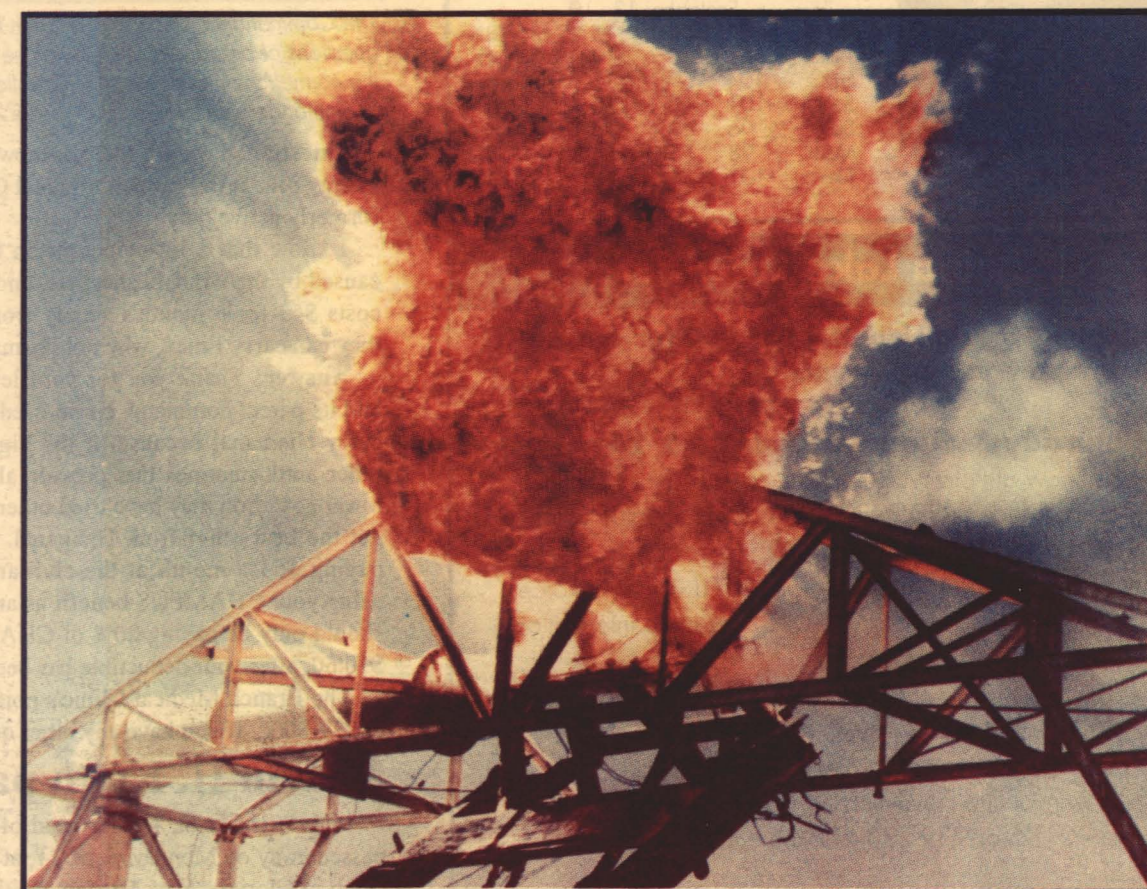


Photo by Danny Zurn

F/A-18E/F fuselage fuel fire was caused by penetrating the fuselage with an antiaircraft artillery projectile during Phase 1 prototype hardware testing at the Weapons Survivability Laboratory at China Lake. According to Hardy Tyson, project engineer from the Survivability Division, Phase 2 testing of the dry bay gas generator fire suppression system production hardware began last week. Test personnel will seek to verify the effectiveness of the system before its incorporation into aircraft.

FBI and State Department issue terrorist threat advisories for U.S. and overseas

The Federal Bureau of Investigation and the State Department have issued terrorist threat advisories for the United States and overseas. The advisory warns that a series of events were expected to occur in the immediate future that could trigger terrorist attacks against U. S. interests in the U. S. and overseas. The advisory also suggested that as a precautionary measure commands review their anti-terrorism procedures to ensure they were current and practical.

In light of these advisories, Naval Air Warfare Center Weapons Division employees should increase their awareness of any unusual situations, e. g. unattended luggage, briefcases, packages, etc., that they may observe in their workspaces and during travel. If you observe any unusual situation please notify the China Lake Police at 939-3323 or call 911 immediately. Without endangering yourself, or anyone else, gather as much information as

possible before you notify the police. For questions or additional information, please contact Gail Reed at 927-1380 (DSN 469-1380).

During this time, there is also an increased risk to travelers. The increased security at airports, especially New York, may create some delays. Hand carrying classified material aboard commercial aircraft may create additional delays. Airport screening personnel are not authorized to open packages containing classified material. When you deny them permission to open the package, you may not be allowed to board the aircraft. Due to the inherent risk, employees are discouraged from hand carrying classified material. During the increased potential for terrorist acts, employees should only hand carry classified material in an emergency situation.

Recent changes in security instructions permit Please see **ADVISORIES**, Page 2

David Shriner gets 40-year pin, looking for more

Electronics engineer began high-energy 'experiments' at age 4

8

Procedures, rights and benefits in RIF situation

What happens to insurance, retirement contributions, unused leave, and so on

14

Weather



September 6 - 12					
	High	Low	Gusts	Humidity	
Wed	103	55	21	30-13%	
Thurs	101	55	23	25-13%	
Fri	94	55	21	—	
Sat	97	52	21	—	
Sun	96	52	13	—	
Mon	98	50	11	32-14%	
Tues	102	57	10	29-14%	
September 13 - 19					
Wed	102	56	15	35-13%	
Thurs	105	56	14	31-14%	
Fri	104	59	13	—	
Sat	101	60	20	—	
Sun	96	59	16	—	
Mon	98	55	14	49-13%	
Tues	101	55	13	35-14%	

China Lake Calendar

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

Saturday & Sunday, Sept. 23 & 24

• Air Show at Point Mugu. Gates open 8 a.m. Call Public Affairs Office at 805-989-8094 for more information

Saturday, September 30

• Military Retiree Appreciation Day at Edwards Air Force Base. Call Joe Adler at 939-0987 for more information

Saturday, October 14

• 50th Anniversary of China Lake Pilot Plant, 9 a.m. to 3:30 p.m.

• Navy Ball at the Wreck Center, 6 p.m.

• 1st Annual Fire Prevention 5K Run/Walk, 8 a.m. Call 939-2146 or 939-2334 for more information

THE ROCKETEER

RAdm. Dana B. McKinney
NAWCWPNS Commander

Capt. Charles A. Stevenson
NAWSCL Commanding Officer

Cathy Partusch
Public Affairs Officer

Barry McDonald
Editor

Kathi Ramont
Staff Writer

Margie Hammett
Photographer

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

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

This deadline also applies to submittals for the NAWCWPNNS 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), NAWCWPNNS, 1 Administration Circle, China Lake, CA 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (If unable to find this name; under the QuickMail menu select Directory Services, then select CL 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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Advertising deadline is noon, the Friday before publication.



The Commander's Desktop



By RAdm. Dana B. McKinney
NAWCWPNS Commander

The Commander's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be mailed to "Commander's Desktop," C/O Code 750000D, China Lake.

Question: I would like to know why I cannot get Hismanal, an allergy pill, at the Branch Medical Clinic. I am a military dependent, formerly active duty.

I know that a lot of people in this valley suffer from allergies caused by the wind, bushes, etc. and I would like to use Hismanal. It costs \$53 for a month's supply from the Ridgecrest pharmacies. If they can carry Entex, why not Hismanal?

Answer: Thank you for your letter. The Branch Medical Clinic and its parent command, Naval Medical Clinic Port Hueneme, do not carry Hismanal because of the high cost. The clinic carries many other antihistamines that provide allergy symptom relief at a much lower cost. You may have tried other antihistamines, but feel that you get the best relief from Hismanal. In this case, you should not be paying \$53 a month at the civilian pharmacies in Ridgecrest. By using your CHAMPUS benefit as an active duty family member you should only be paying 20% of CHAMPUS allowable, approximately \$10.60, after your deductible has been satisfied.

The Branch Medical Clinic's point of contact is LCdr. Steve Kent at 939-8002. If you have any other questions, please call LCdr. Kent.

Melvin H. Keith passes on Sept. 11

Melvin H. Keith, former head of the Target Vulnerability Office, passed away on Monday, Sept. 11, at age 71, while attending a church camp in Glorieta, New Mexico. Keith had been a resident of the Indian Wells Valley since 1951 and was employed with the Navy at the Naval Air Warfare Center Weapons Division.

He was born July 15, 1924 in Kansas City, Kan. to Hoyt Edgar Keith and Elizabeth Ellen Hulet. He attended high school and one year of junior college in Dodge City, Kan., and in 1943 joined the U. S. Army Infantry. He served in the Pacific Theater until 1946, and was discharged with the rank of sergeant. After junior college, he attended the University of Kansas where he graduated in physics.

Keith came to the Naval Ordnance Test Station in 1951 and continued his employment for 44 years — becoming a recognized expert in munitions' effectiveness and target vulnerability. He authored numerous technical publications and was the recipient of the Navy Meritorious Civilian Service Award for his outstanding contributions to the nation's defense.

Keith was a member of the Ridgecrest Church of the Nazarene, Big Band XPress, and was an original founder and current member of the Desert Community Orchestra.

He is survived by his wife, Vivian, of Inyokern, daughters Andrea of Costa Mesa, Calif., Melissa Bayhan of Los Osos, Calif. and Valerie of Los Angeles, Calif. and son Kevin of Socorro, New Mexico. There are two grandchildren.

Interment was on Friday, Sept. 15 in Dodge City, Kan. A memorial service was held yesterday at All Faith Chapel. Contributions in memory of Keith may be made to the Karval Church of the Nazarene, P.O. Box 275, Karval, CO 80823.

ADVISORIES from Page 1

classified material to be sent via Federal Express. FEDEX has proven its reliability in overnight delivery and it should be used in lieu of hand carrying unless an emergency situation exists. Hand carrying classified material overseas requires approval by Commander, NAWCWPNNS. The lead time required to obtain signature (signature authority can not be redelegated) via your chain of command, may make it faster to overnight express mail the material to your destination. For questions, or additional information, please contact Wendy Merendini at China Lake at 939-0987, or Judy Smith at Point Mugu at extension 7257.

Pages From The Past

Sept. 20 & 27, 1985

Ralph Bernard receives the Navy Meritorious Civilian Service Award for his efforts on Skipper 2 program from Burrell Hays, NWC technical director. . . Tom Hamilton wins TD award for advancing missile development. . . Janet Butler becomes supervisor for NWC's Part Time Child Care Center. . . Mary Moore becomes Center's Professional Recruitment Coordinator. . . Fourteen billets have been assigned to NWC for test parachutists.

Sept. 19 & 26, 1975

Parade opens 25th Annual Desert Empire Fair. . . Air Weapons Department is abolished under organizational realignment. . . CNO gives approval to declare 600 Wherry houses as "excess." . . Cdr. Robert B. Conklin is the new executive officer at NAF. . . Former FBI Agent and author William W. Turner lectures at Cerro Coso Lecture Hall. . . Karen Buehler starred in "Cacus Flower," at the Commissioned Officers' Mess.

Sept. 17 & 24, 1965

Janice Huckel crowned Desert Empire Queen. . . Tom Lang, of the Hydrodynamics Group received his 7th Patent Award. . . NOTS' balloonist Jimmy Craig wins U.S. National Balloon Championship title for second consecutive year. . . NOTS divers picked for vital role as assistants in topside diving for SEALAB II. . . PH1 Jerry Williams named Blue-jacket of the Month from NOTS. . . Supply Department kicks off "Project Pride" drive to renew effort in jobs to have zero defects. . . VX-5 wins softball league.

Sept. 16 & 23, 1955

Twenty-three members of the 11th Region Navy League visit Station. . . Navy reveals new "Rockair" rocket launching technique. . . Five Supply employees receive 5-year pins. . . Dr. Robert Brumfield returns as consultant and research scientist for Underwater Ordnance Department. . . Irene Peresich was awarded \$15 for a Beneficial Suggestion about a travel order map. . . The NOTS documentary film section's work was highlighted.

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Mendonca reports on 'health' of Threat/Targets Systems Department

The Threat/Targets Systems Department (5.3) recently conducted all-hands meetings at both China Lake and Point Mugu. Currently the department has approximately 314 people at Point Mugu and 76 people at China Lake, plus contractor support at both sites. Steve Mendonca, department head, started the meeting with a general presentation describing the "health" of the department and current status of numerous business and program issues. This was followed by an open question-and-answer session supported by department staff, associate department head Lew Ballenger, division heads and representatives from Human Resources. Department personnel were pleased to again learn that the department is on sound financial bases and is within budget controls and workyear execution plans.

Specific items discussed during the general presentation included: CAO status of the department, 5.0 mission/vision/guiding principles and the 5.3 role in each; hiring activity, promotion criteria, skills mix imbalance, VSIP/VERA impacts on the department, budget and financial status and future plans for the department. A significant amount of discussion centered on the importance of communication and methods available to department personnel. The theme of this

portion of the meeting was the critical role of communication during changing and uncertain times.

At both sites, the open question-and-answer sessions lasted over one hour and ranged from technical program issues to specific personnel concerns. Many of the questions involved clarification of rumors and perceptions, and the department was open and willing to answer questions on any subject. Typical questions included concerns about criteria used for previous and future VSIP/VERA processes and also concerns about job stability. Numerous personnel issues were addressed by department business manager Sally Lemons, and several programmatic issues were covered by the head of the Project Office, Al Vines.

Both meetings ended with a question back to the audience requesting feedback on the value of the all-hands meeting. The general opinion was that the meetings were very useful and worthwhile. Comments also indicated that the department meeting complemented the much welcomed all-hands messages being sent out by Capt. Roger K. Hull, NAWCWPNs vice commander. Based on these employee comments, additional department all-hands meetings are being planned. —Submitted by Threat/Targets Systems Department



Photo by Margie Hammelt

STAYING INFORMED—China Lake employees listen attentively to Threat/Targets Systems Department Head, Steve Mendonca, at an all-hands meeting and question-and-answer session, recently held in Room 1000D at Michelson Lab.

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Eight new chief petty officers are from five China Lake commands

By PHC(AW) J.T. Christian
 VX-9 PAO

As the climax of perhaps the longest day of their careers, eight of China Lake's finest petty officers were advanced to the rank of chief petty officer this past Friday, Sept. 16, at the Ridgecrest Veterans of Foreign Wars, Post 4084. Among the estimated 80 guests in attendance were Capt. C. A. Stevenson, commanding officer of Naval Air Weapons Station, Capt. C. F. Weideman, CO of Air Test and Evaluation Squadron Nine, Col. J. B. Moyer, commanding officer of the Marine Aviation Detachment and Capt. A. S. Ritchie, NAWS Public Works officer.

The inductees included two sailors from NAWS, two from the newly commissioned Weapons Test Squadron, a member of VX-9, another from EOD Det., China Lake, and two active duty reservists from Reserve Unit 0176. A diverse group, China Lake's newest CPOs have accumulated over a century of military experience. The average length of service is 15 years with a medium of six years as a first class petty officer. To a man, they were eager to rank the day as the high point of their careers to date.

This was the last chance to make chief for Weapons Test Squadron's AMHC (AW) John Carter. Joining the Navy in June of 1975, just a touch over 20 years ago, Chief Carter, who had been a first class petty officer for 11 years, gives these words of advice to his younger shipmates, "Never stop what you are doing and always do it better." The majority of Carter's Navy career has been with various attack squadrons with a light smattering of shore stations including training commands before

transferring to WTS. Originally from Clovis, Calif., Carter and his wife, Sally, have three children, Justin, Mara and Sara.

AOC (AW) Bruce Newsom and his wife, Cherrille, have been married for ten of his 15 years of active duty service. Having experienced tours of duty from VC-10 in Guantanamo Bay, Cuba, to Naval Air Stations in Jacksonville, Fla. and Miramar, Calif., before his tour of duty here at Naval Air Weapons Station,

opportunity advisor at NAWS. Chief Wheeler and his wife, Stacie, are from Oregon and have a four-year-old daughter, Rihanna.

Originally from Longmont, Colo., ADC (AW) Jeffrey Smith and his wife, Beth, have three children, Jessica, Emily and Nicholas. Prior to his assignment at Weapons Test Squadron, this new CPO spent a large part of his career with VAQ squadrons in Whidbey Island, Wash. He

and Kimberly. "Without the support of my family, none of this would have been possible." With 14 years of naval service to draw upon, Welsh tells his troops to, "Excell at whatever you do and you will not fail."

The final full-time new China Lake chief, TMC (AW) Mark Burlington had been a TMI for only four years. His words of advice are simply, "Take care of your people." Chief Burlington's immediate family are his wife, Allyson, and their son, Kyle. Presently assigned to EODMU-3 Detachment, China Lake, Burlington has had tours of duty in San Diego and Barbers Point, Hawaii, and aboard the USS Yellowstone. He attributes his "picking up chief this time to sustained superior performance, college credits and being selected as a command sailor of the quarter." When asked why he joined the Navy in 1983, he replied, "Because I had relatives in the Navy."

Two reserve sailors joined the festivities at the VFW this year. They were AMSC (AW) Matthew Roberts and AOC David Mesa from NAWS 0176 Reserve Unit. Accompanied by their wives, Lori and Barbara, the new chiefs were excited about participating with their active duty shipmates in the ceremonial pinning of the anchors. The Robertses shared the moment with sons Ely, Ben and Jordan, as did the Mesas with children Denise, David and Christina.

All eight participants and their guests were treated to a buffet dinner following the pinning. Co-sponsored by the Indian Wells Valley Chief Petty Officers Association and the hosting VFW Post, the entire day was a success. To a man, the new chiefs were heard to welcome the end of this monumental day (lightly put) and begin their new responsibilities.



Photo by PHC(AW) J.T. Christian

NEWEST CHIEFS at China Lake include (l-r) ADC (AW) Jefferey Smith, AMHC (AW) John Carter, ADC (AW) Jerry Welsh, AOC (AW) Bruce Newsom, STSC (SS) Robert Wheeler, TMC (EOD) Mark Burlington and AMSC (AW) Matthew Roberts.

China Lake. Newsom attributes his diversity of duty stations as the pressing aspect of his career and perhaps a strong reason why he was selected this year. The Newsoms have one daughter, Mistry Dawn.

STSC (SS) Robert Wheeler joined the Navy in October 1981 for the travel and educational opportunities. In neither of those areas has he been disappointed. He served as a recruiter between tours aboard two nuclear-powered submarines before his present assignment as equal

joined the Navy in 1981 and served six years as an AD1 before this latest advancement. Smith enjoins his subordinates to challenge themselves in all they do and the rewards will follow.

Prior to his assignment to VX-9, ADC (AW) Jerry Welsh also spent a lot of time in Whidbey Island as well as a tour at Naval Air Station, Kingsville, Tex. Chief Welsh, when asked the secret of his success, was quick to share credit with his wife, Wendy, and their children, Timothy

Three Dust Devils recognized for heroism

By Lt. Todd Hickerson
 Weapons Test Squadron PAO

At approximately 9 p.m. on August 28, AE2 Kenneth L. Chapman and Airmen Crystal J. Johnson and John L. Lesser from the Weapons Test Squadron helped prevent what could have been a major disaster for both the squadron and the base.

Chapman and Johnson had just finished defueling one of the squadron's F/A-18 Hornets when they noticed orange flames emanating from the

engine compartment of the fueling truck into which they had just transferred over two thousand pounds of volatile jet fuel.

Responding with remarkable composure, Chapman and the fuel truck driver immediately took charge of the situation. Chapman directed the fire fighting effort and, with the assistance of Johnson, extinguished the fire with portable Halon bottles while the driver moved the truck to a clear area away from personnel and aircraft.

Lesser, who had been working on an adjacent aircraft, noticed the flames and



Please see HEROES, Page 5

HEROES AE2 Kenneth L. Chapman and Airmen Crystal J. Johnson and John L. Lesser.

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HEROES from Page 3

immediately radioed the base fire department.

With the fire extinguished and the truck safely removed from the flight line, Chapman set a fire watch with the assistance of Johnson and Lesser until the base fire department arrived a mere five minutes later.

Considering the number of maintenance personnel and fueled aircraft on the flight line at the time, the extraordinary professionalism and poise displayed by these three Dust Devils, and all those involved, averted an unthinkable tragedy.

At an awards ceremony last week, Chapman, Johnson and Lesser were rewarded for their heroism. Chapman and Johnson both received the Navy Achievement Medal while Lesser received a letter of commendation from Cdr. R. C. Sweeney, WTS CO.

Early paydays in 1995

Deputy Secretary of Defense John Deutch has authorized early paydays for active duty military personnel in 1995. Military personnel will receive their Oct. 1 pay and allowances on Sept. 29. He also authorized an early payday in December.

This action does not affect retirees and annuitants. Their accounts will be paid on the first working day of the month, Oct. 2, 1995.

OMBUDSMEN from Page 4

our previous duty at Lemoore where I was ombudsmen for three and a half years," said Smith, wife of AE1 Mark T. Smith, WTS's career counselor. "Things are a lot quieter here. The husbands are home, so things go smoothly." The Smith's, and daughter Whitney, expect to be at China Lake for the next three years.

The program is implementing a new instruction that includes better, more

uniform training for all volunteers. The standardized training ensures ombudsmen in Guam will get the same training as those in Norfolk, said Kerrie Godding, Navy Family Ombudsman program manager at the Bureau of Naval Personnel.

In the past, training varied depending on the command. Handbooks and materials were distributed, but much was left to interpretation, Godding said. Now a

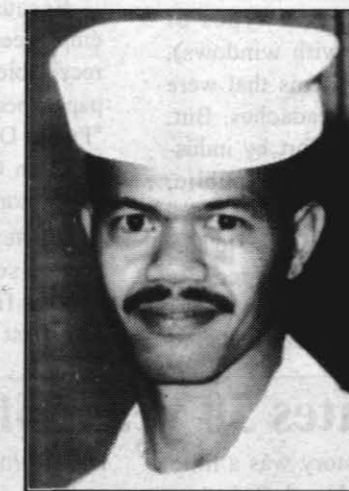
new 225-page manual includes separate sections for commanding officers, ombudsmen and family services.

Each section lays out the responsibility of the ombudsman, the commanding officer and family services to work together. It also gives greater detail than ombudsmen of the past received on confidentiality, how to handle grievances, emergencies and how to prepare a resume.

Satumbaga earns NMCAM at NAWS quarters

At recent Naval Air Weapons Station quarters, Capt. Charles A. Stevenson presented the following awards.

AK2 Nilo Quillo Satumbaga received the Navy and Marine Corps Achievement Medal (Gold Star in lieu of second award) for superior performance while serving as local repair cycle asset manager, Component Control Section, Aviation Supply Division at the Naval Air Weapons Station, China Lake from March 1993 to April 1995. Satumbaga was instrumental in the entire Component Control Section achieving a 30 percent increase in the availability of Rotatable Pool assets.



AK2 Nilo Quillo Satumbaga

His new ideas and approaches in resolving inventory discrepancies resulted in a 23 percent increase in Aviation Supply readiness rate, from 68 percent in 1993 to 91 percent in 1995.

Recognition

Letters of commendation from Commander, Naval Air Warfare Center Weapons Division were received by LNI Fayne G. Overton, AK1 Anthony Guajardo, AK2(AW) James R. Hare, Jr., AK2 Virgil S. Perkins, AK2 Daniel C. Weber, SK2 Jehan C. Andrabado, SK2 David M. Haygan, MA2(AW) Brett G. Kittelson and MSSA Christi S. Meyer.

Letters of appreciation from Commanding Officer, Naval Air Weapons Station, China Lake were presented to AK1 Zebeth Taylor, AK1(AW) Lee J. Richmond, AK2 Michael S. Mallard, AK2 Joselito Gamet, AK2(AW) Louis V. Sherwood, AK2 John R. Hilt, AK3 Alexis Ponce, AK3 Timothy E. Guthrie, AK3 Charles A. Warner, AK3 Rick Gonzalez and Airman Apprentice Aron E. King.

A good conduct award was presented to ABH3 Brian E. Thomson.

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Your Environment

By Peggy Shoaf
Environmental Public Involvement Office

As a lark, I decided to do it. After all, you can't win anything if you don't enter the contest. Right? All I had to do to claim the new car or money was to call a 900 number with the winning "Award Registry I.D. Number."

I won all right. I spent \$27.86 to win one dollar and \$100 worth of coupons, most of which weren't very useful. In addition, I think they put my name on every mailing list in the country! I'm not kidding. One week I received at least 10 similar mailings.

So, I did what most people would do. I chucked the lot of them into the trash can. After all, what else could I do with them?

According to "Tree" Crabtree, head of the NAWS China Lake Recycling Program, I could have recycled them. State

'You have won a Brand New Car or \$20,000,' screamed the flyer ...

Law AB939 requires cities and counties to reduce their waste generation by a total of 25 percent this year and by 50 percent by the end of the decade. This reduction is also required at all military bases.

To help the Naval Air Weapons Station China Lake meet the 50 percent reduction by the end of the decade, China Lake's recycling program has been expanded to include junk mail (opened or unopened), all types of envelopes (even those with windows), and yellow "stickies"—items that were traditionally recycling headaches. But, thanks to a cooperative effort by industry, recycling centers and the public, these items are now acceptable.

Crabtree added that in addition to aluminum cans, people can also recycle "tin" cans, such as coffee and food cans. Number 5 plastic has also been added to

the list. However, food containers should be thoroughly rinsed before being placed in the recycling bins for health and odor control. Pre-sorting is also encouraged, as it saves the Station time and money.

There are very few items that the NAWS China Lake Recycling Facility can't handle, Crabtree said. While the facility can handle virtually all types of paper, it still can't handle hygiene products like napkins, paper towels and such. "They are already at the end of the recycling process, having been made out of recycled material," he explained. Other items that aren't accepted for recycling include cereal boxes and the plastic tops from plastic containers.

Because management would prefer employees not to bring their household recyclables to the office, unless it's just paper, people are encouraged to use the "Public Drop Off" area next to Building 1032 on Cobra Street, which is next to Michelson Lab's West parking lot.

While recycling is a great way to reduce solid waste, Crabtree noted it isn't the first choice, but rather the third. The first choice is to reduce original

consumption, such as by using electronic mail for information copies; and the second is reutilization. Reutilization can be accomplished by reusing material within the work center, through use of the NAWS China Lake Return to Service Store (located at Building 1032, Cobra Street), or through the Defense Reutilization processes.

So, the next time I get one of those "You Have Won" letters, I'm going to 1) write them and ask them to take my name off their mailing list; and 2) bring the junk mail to work and toss it into one of the blue "We Recycle" bins.

For up-to-date information on what is acceptable to recycle call the Recycling Program Office at 939-2522.

(This article was written in support of Pollution Prevention Week 1995, which is Sept. 18-24. Pollution Prevention Week is sponsored by the Consortium of California Pollution Prevention Committees, a consortium of regional pollution prevention committees working to form partnerships with business for environmental protection and economic competitiveness.)

MAD Dogs survive Death Ditch at 14th Annual Volkslauf Mud Run

By Cpl. Ricardo A. Gonzales
Marine Aviation Detachment

Traversing a 6.2 mile course of various surfaces and obstacles including payment, dirt road, mud trails, wall hurdles, low dirt crawl, sheets of water and a quarter mile "Death Ditch" filled with up to three feet of mud, the six-man "MAD Dogs" team finished 20th out of 250 teams in the 14th Annual Volkslauf Mud Run. The event was held at the Marine Corps Air Station in Tustin.

This mud run was a challenge and test of agility, stamina, teamwork and courage. The death ditch was the epitome of obstacles as competing teams,

covered head to toe in mud, sloshed, pushed, pulled and swam their way through.

Due to the difficulty of the course, rough and ready attire was an integral part of this event and the MAD Dogs competed in military trousers, boots and red shirts.

The team consisted of Marine Corps and Navy personnel. Finishing with a time of one hour, 15 minutes, 26 seconds, were Sgt. Daniel P. Rouse and Cpl. Ricardo A. Gonzales from China Lake's Marine Aviation Detachment; AO2 James C. Bradley from the Weapons Test Squadron; and Sgt. Kevin R. Venne, Sgt. William E. Potts and AT3 Edward T. Carroll from VX-9 Hover Division.

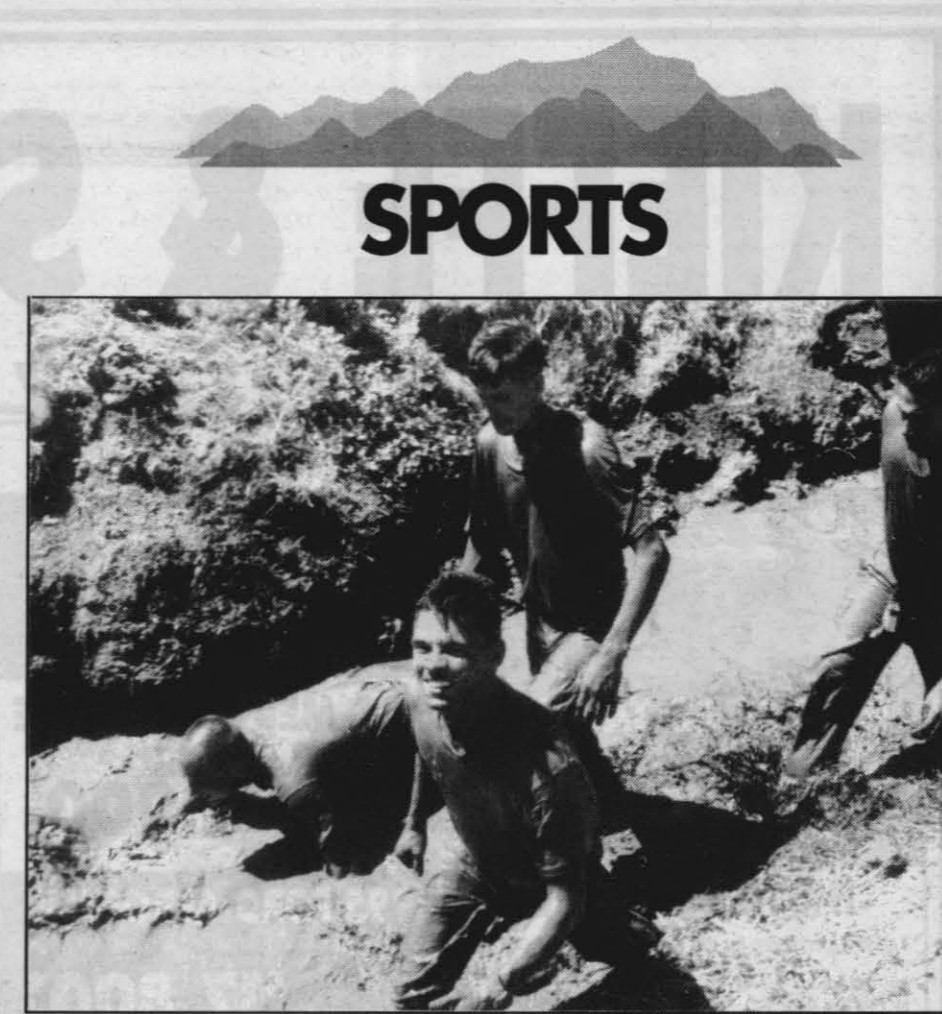
Community Pool fall operation hours are set

Fall hours for the pool are Monday through Friday, 5 to 7 a.m., 10 a.m. to 1 p.m., and 5 p.m. to 7 p.m. for lap swim. Saturday, Sunday and holidays the pool is open from 10 a.m. to 1 p.m. for lap swim, and 1 p.m. to 5 p.m. for recreational swim. The indoor pool is undergoing repairs and all aquatic activities will be held at the Community Pool until repairs are completed.

The Aquacize class is from Monday to Thursday at 11:30 a.m. to 12:30 p.m.

and 5:30 to 6:30 p.m. Adult swim lessons will begin on Sept. 6, Monday, Wednesday and Friday from 7:00 to 7:30 p.m.

Sign up for a month at a time. A special program offered is CLAM, the China Lake Aquatics Masters Swim Club. Anyone can swim with CLAM workouts for free during the month of September. Call Jenny Slater at 939-0756 for more information on any of the programs.



SPORTS

Photo by AOAN Marco Agricoli

DEATH DITCH—Caught in the mud, and having a great time, at the 14th Annual Volkslauf Mud Run held Sept. 8 at the Marine Corps Air Station Tustin are China Lakes' team members (l-r) Sgt. Daniel P. Rouse, AT3 Edward T. Carroll, AO2 James C. Bradley and Cpl. Ricardo A. Gonzales.

China Lake Pilot Plant celebrates 50 years of operation Saturday, October 14

In the fall of 1945, World War II was over, the military establishment was busy getting a lot smaller in a real hurry. Peace was at hand and the troops wanted to go home.

At China Lake the story was a little different. Much of the Naval Ordnance Test Station was in the midst of a development boom. That boom centered in what was a very remote part of the

Naval Ordnance Test Station.

That area, known as the China Lake Pilot Plant, is observing 50 years of service to the nation and the Navy with a 50th Anniversary event on Oct. 14. The

celebration is open to the public and activities run from 9 a.m. and to 3:30 p.m.

On the day's schedule are tours of Please see **PILOT PLANT**, page 10

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- 850MB \$209*
- 1.2GB \$269*
- 540MB \$159*
- 1.08GB \$239*
- 2.1GB \$699*(scsi)

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REC BITS

Morale, Welfare & Recreation Department



Writing, Layout & Design by Debra Poindexter, MWR Marketing

Pamper yourself at the Community Pool

AQUACIZE is held Monday through Thursday from 11:30 a.m. to 12:30 p.m. and 5:30 p.m. to 6:30 p.m.

ADULT SWIM LESSONS are Mondays, Wednesdays and Fridays from 7:00 p.m. to 7:30 p.m.

CLAM (CHINA LAKE AQUATICS MASTERS adult swim club) offers free workouts through October. What a great opportunity to train for upcoming sports and aquatic events. Workouts are held on Mondays & Wednesdays from 11:30 a.m. to 12:30 p.m. and Tuesdays & Thursdays from 6:30 p.m. to 7:30 p.m. Workouts include a coach on deck and are catered to your individual training needs. Be ready for a fun and effective workout.

FALL HOURS
Monday-Friday
5:00-7:00 a.m. Lap Swim
10:00 a.m.-1:00 p.m. Lap Swim
5:00 p.m.-7:00 p.m. Lap Swim (two lanes will be used for other programming)
Saturdays, Sundays & Holidays
10:00 a.m.-1:00 p.m. Lap Swim
1:00-7:00 p.m. Recreational Swim

I believe

Santa wants you for the NAWS Festival of Lights December 1, 1995! Art & Craft booths are available for Rent! What a great fund-raiser for clubs and organizations. Reserve your booth by November 1, 1995. Fee is \$75.00 which includes electricity if needed. Call Debra Poindexter, MWR Marketing at 939-2602.

3 on 3 Basketball Tourney

Tournament is October 3, 4 & 5 from 7:00 p.m. to 9:00 p.m. at the NAWS Gym. Join the open division or the 35 and over category. Fees are \$12.00 for military, \$15.00 for DoD and \$18.00 for retired DoD/CR. This is a round robin tourney with a maximum of 4 players per team. Sign-up at the Gym or call 939-0754 for more information.

Power lifting and bench press contest

Put your power and strength to the test on October 14 during this one day event. The competition begins at 8:00 a.m. with weigh-in and pre-conference at 7:00 a.m. The bench press, squat and deadlift are required lifts for the power lift portion of the contest. A separate bench press contest is conducted simultaneously. USDFPF rules apply (three tries per lift). There are four divisions, Juniors (16-22), Seniors (45 and up), Open and Women's. Weight classes are 114, 123, 132, 148, 165, 181, 198, 220, 242, 275, SHWGT as noted in the USDFPF rules. Cost: \$8.00-Military, \$12.00-DoD and \$15.00 for others. Awards granted to first, second and third place for each weight class.

We're expecting you

Free movies for all active duty, retired military, reserves and their family members. China Lake Auditorium shows new releases on Fridays, Saturdays and Sundays. Popcorn, candy, chips, soda and more are available at the auditorium snack bar. For recorded movie listing, call 927-PLAY.

September 22 Just Cause (R) 8:00 p.m.
September 23 Brady Bunch Movie (PG) 1:00 p.m.
Outbreak (R) 8:00 p.m.
September 24 Nell (PG13) 1:00 p.m.

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Expires: December 31, 1995
Booklet's first page has a coupon redeemable for a 12 month pass for park admittance! That's not all. As a member, you also receive entry to exclusive events, grand openings, free parking, newsletters, special offers and more. Your 12 month booklet represents an entire year of discovery and entertainment! Purchase yours today at Craftech! Call 939-3252.

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Seniors over 55 years of age-\$44.95

Outdoor adventure

Outdoor Recreation Checkout expands its hours to meet our customer needs. New hours are Monday-Friday, 10:00 a.m. to 7:00 p.m., Flex Fridays, Saturdays & Sundays from 10:00 a.m. to 4:00 p.m. and closed on holidays. Appointments are also available, Monday through Thursday, from 7:00 a.m. to 10:00 a.m. Equipment includes boats, portable generators, camping equipment and much more. If you haven't been in lately, stop by today and allow the outdoor recreation experts to "show their stuff." Call 939-2334 or 927-Rent.

Outdoor Recreation now has Schwinn™ Mountain Bikes for rent!!!

International ballroom dancing

Donald Daniel teaches this exciting new class in the Gym Annex on Mondays from 6:30 p.m. to 8:30 p.m. beginning October 1st. Mr. Daniel has taught International Style Ballroom dancing since 1991 and passed the bronze medal test in all dances as well as social dancing in Seattle, Vienna, Austria and Southern California. No partner is required. International style ballroom dancing is the style most recently given acceptance by the Olympics. Appears annually on PBS hosted by Juliet Prouse. It gained rapid popularity in this country for social dancing and competitive dancing. The focus of the class is social dancing. Monthly fees: \$16.00-Military, \$20.00-DoD and \$24.00 for all other eligible patrons. Daily fees are also available. Call Donald Daniel at 927-1882 or the Gym at 939-2334.

INTRAMURAL SPORTS

Flag Football

When: October 18 to December 15

Time: 6:00 p.m. and 7:30 p.m.

Days: Wednesdays and Fridays

Where: Schoeffel Field

Fees: Mil-Free DoD-\$28.50 Ret. DoD/CR - \$30

Coaches meeting: October 12, 5:30 p.m. in the MWR conference room. NIRSA rules apply.

Deadline for registration: October 10

Softball

When: October 24 to January 18

Time: 5:30 p.m., 7:00 p.m. and 6:30 p.m. Where: Schoeffel Field

Deadline: October 17 for rosters and registration

Coaches meeting: October 19, 5:30 p.m. in the MWR conference room

Fees: Mil-Free DoD-\$30 Ret. DoD/CR-\$35

Register at the Gymnasium.
For details, call 939-2334.

EXTINGUISHING SYSTEM from Page 1

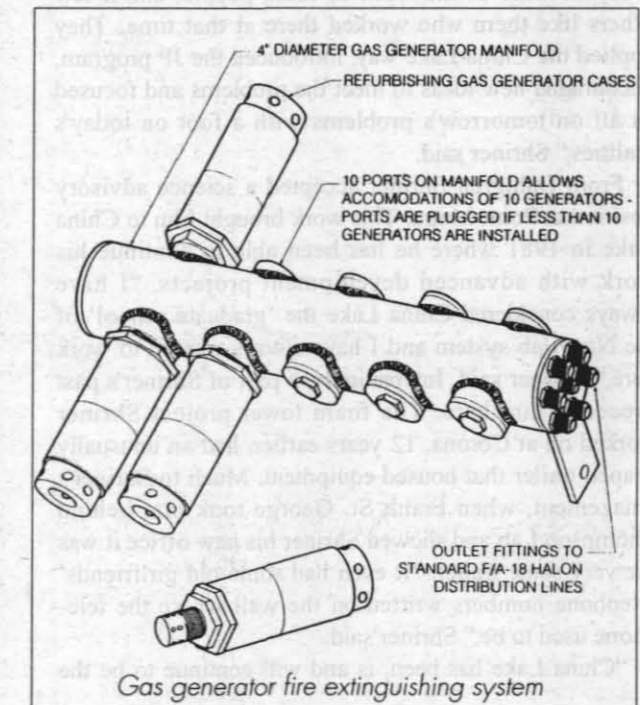
Another test series at the WSL involved two months of rigorous comparative testing of the gas generator and Halon systems using a full scale F/A-18 E/F engine nacelle and a gas generator system designed with a manifold. The purpose of the manifold was to allow variable concentrations and dwell times of the fire extinguishing gases to determine their effectiveness. Internal ventilation airflow representing the high-subsonic dash (Mach .85) flight condition was supplied from a 2,280-gallon tank of compressed air. Thermocouples and pressure transducers were placed in the engine bay simulator, and three external and three internal video cameras were used for photographic documentation of the 232 tests. Fires were ignited by a spark igniter near the spraying fuel, which represented a leaking fuel line.

Fuel spray flow rates were varied and fires characterized to optimize test conditions to the worst case scenario. During testing, fire temperatures ranged between 1,500 and 2,000°F and surface temperatures between 1,000 and 1,700°F (in a normal operating environment, engine temperatures are less than 500°F). Baseline testing was accomplished with the Halon 1301 system, and distribution tests were done to compare the concentrations and dwell times of both the liquid Halon and fire extinguishing gases in the engine bay.

"Preliminary results from nonballistic tests indicate that the gas generator system matches the performance of Halon 1301 in extinguishing engine bay fires that may occur from fuel leaks or other events that may take place during noncombat operations," explained Budd. Four ballistic tests of the F/A-18 E/F were also performed using an HEI round that resulted in fires both internal and external to the engine bay. The purpose of such tests was to gather information on possible ballistic protection as an adjunct to the gas generator type of fire

extinguishing system. Gas generator system parameters for these tests were not optimized, and additional tests are therefore required to develop this potential feature.

According to Hardy Tyson, of the Survivability Division, recently the full scale testing of the F/A-18E/F dry bay gas generator fire suppression system production hardware began. This will prove the effectiveness of the system before its incorporation into the aircraft. Similar tests of the V-22 dry bay suppression system and the F/A-18 E/F engine nacelle fire suppression system are planned in the near future to prove out the production configurations for those designs. The dry bays of the AV-8B Harrier are another candidate for gas genera-



TECHNICAL HIGHLIGHTS

tor application and planning is underway for testing in FY96.

"The non-polluting, dual use gas generator technology has a wide range of application," said Budd. "Potential uses include fire protection for buildings, commercial aircraft, commercial and military surface ships and armored vehicles." While the F-18E/F, V-22 and AV-8B Navy and Marine Corps aircraft will be among the first uses of this new technology, the potential for even more effective systems based on gas generators had been identified as a research and development thrust area during an all-Navy workshop on Next Generation Fire Protection held in San Diego earlier this year.

NAWCWPNS' Fire Science and Technology working group, under the Energetic Materials S&T Network, is preparing proposals for the researching advanced compounds for use in such improved gas generator fire extinguishers. The proposals contain plans to perform scale-up of promising candidates which will be tested in an intermediate scale comparison tests of their effectiveness followed by the most successful candidate designs being prepared as prototype extinguishers for full scale testing.

According to Dr. Jim Hoover of the Fire Science and Technology working group, NAWCWPNS plans to form a team with other government laboratories, academic institutions, and commercial vendors to develop advanced, high efficiency, gas generator fire extinguishers for future applications.

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Shriner's work began long before his 40 years as a civil servant

By Joy Adams
Rocketeer Staff

"I think I was born to be an engineer," David Shriner said. And indeed, Shriner's advanced development project work with high voltage experiments was forecast as early as age four when he used a large magnifying glass to vaporize ants, calling it a death ray machine. Not surprising perhaps for a boy who spent his summers at his grandfather's home in Punxsutawney, Pa. — home of the groundhog whose shadow forecasts the arrival of spring. There, with the guidance of his uncles, Shriner built crystal sets, microphones and spark machines, all before first grade.

In junior high Shriner was fascinated by the biography of Nikola Tesla and feels Tesla's story helped to mold his future career. He made many experiments with the Tesla coils, a form of resonant transformer capable of making very long voltage sparks, which resulted in his ability to make sparks up to three feet long. Shriner continued to experiment with high voltage machines and Tesla coils while in high school, adding experiments with mechanical projects, including a couple of robots.

Following high school Shriner joined the Navy and attended Class-A ET electronics school at Treasure Island, Calif. He left the Navy as a first class petty officer after four years of service in the Pacific area during the Korean war.

Shriner then worked on many advanced fuze projects at the Naval Ordnance Lab in Corona. Some of these projects involved using the RF signal from lightning bolt discharges as a bi-static radar transmitter source so Shriner was happily working with high voltage once again. While working at Corona full-time he attended

California Polytechnical Institute in Pomona and passed the Professional Engineers Examination for Electronics Certification.

His next project was an advanced fire-control acquisition system/seeker for the AF C130 GUNSHIP aircraft at Lockheed Missiles and Space Co. "This effort was a stunning success and made the platform highly successful," Shriner said.

Shriner then was invited to work at Dahlgren. "There were a lot of ex-China Lakers at Dahlgren at the time, and much to the pain of natives, Dahlgren was nicknamed 'China Lake East.' NSWC is largely what it is today because of the work of these people, and a few others like them who worked there at that time. They applied the China Lake way, introduced the JP program, encouraged new ideas to meet the problems and focused us all on tomorrow's problems with a foot on today's realities," Shriner said.

From Dahlgren Shriner accepted a science advisory position at Point Mugu. This work brought him to China Lake in 1981 where he has been able to continue his work with advanced development projects. "I have always considered China Lake the 'graduate school' of the Navy lab system and I have always wanted to work here," Shriner said. Interestingly, a part of Shriner's past preceded him here. The foam tower project Shriner worked on at Corona, 12 years earlier, had an unusually shaped trailer that housed equipment. Much to Shriner's amazement, when Frank St. George took him behind Thompson Lab and showed Shriner his new office it was the very same trailer. "It even had some old girlfriends' telephone numbers written on the wall where the telephone used to be," Shriner said.

"China Lake has been, is and will continue to be the



David Shriner

best place to work on the planet. Of all the places that I have lived, Ridgecrest has been the best. I like the clean air, lack of crowds, the black night sky and all — well, most of — the people that I have met here," Shriner said.

Shriner describes himself as an action person who sees a need and makes the solution happen. He is a leader who believes in people. "Help them to do the job they are most fitted for and they will do it very well and like every minute of the work," Shriner said.

He said he generally lives and works "near the edge," and enjoys racing cars and dreams of owning a Formula Junior race car. An energetic innovator, Shriner's retirement plans have consistently been "two years in the future." He is now working on a project called "Big Lady." This project is done in cooperation with other service members of the Joint Service Impulse Working Group, an organization Shriner pioneered, and he is presently its chief scientist.

Naturally, Shriner's energetic nature precludes true retirement, and he has a backlog of experiments he plans to work on in retirement.

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Safety Sense

By Terri Olson
Safety Specialist

How they got hurt—leading causes of job injuries

Let's face it. No one wants to get hurt on the job or elsewhere. Yet, each year, millions of workers suffer work-site injuries that were largely preventable. Knowing the leading causes of these injuries is the first step in learning how to protect against them.

Physical overload

The number one cause of on the job injuries is physical overload — lifting too much (or improperly), straining, overreaching, bending, twisting and otherwise making our bodies go in ways

that they're not designed to go. To avoid physical overload, learn and use proper lifting techniques, never bend or twist while lifting or carrying, and whenever possible, use mechanical help.

Impact accidents

The second most common cause of work site injury is impact accidents — being hit by, or hitting an object. The best ways to avoid impact accidents are to be alert to potential hazards (for example, never walk under scaffolding or cranes), to use the appropriate person-

al protective equipment necessary for the hazards you face (such as hard hats, eye protection, etc.) and to follow established safety guidelines.

Falls

Next in line, are injuries resulting from falls. Fall injuries are as common in the home as they are at the work site, so fall prevention is truly everyone's business. To avoid injuries from falls, be sure that your footing is firm — wear slip resistant shoes and avoid hurrying. Make sure that your walkways are well-lit and clear of obstacles. Be aware of wet or waxed floors, sprinklers that water sidewalks, and uneven surfaces. Learn how to use ladders and scaffolding safely, and always use handrails when climbing stairs.

Machine accidents

The last of the major causes of on-

the-job injury is machine-related accidents — getting caught by moving machine parts. When working around any machine that rotates, slides, or presses, use extreme caution — never wear jewelry or loose-fitting clothing that could get caught in your machine.

Always use safety guards, shields, and appropriate lock-out procedures. And, never work on a machine unless you are specifically trained to do so.

Be safe, not sorry

The nature of accidents is that they can happen anywhere at any time. But, by using safety sense, you can eliminate the overwhelming majority of work site injuries.

Be alert to hazards you face each day and learn what you can do to protect yourself against accidental injury and disability.

220th Navy Ball celebration at Wreck Center

Employees, retirees, military and civilians all invited to birthday bash

China Lake employees, and retirees, both military and civilian, are invited to attend the Navy Birthday Ball celebrating the U.S. Navy's 220th birthday on Oct. 14 in the new Wreck Center (formerly The Seafarer).

The Naval Air Warfare Center

Weapons Division and the Military Affairs Committee of the Ridgecrest Chamber of Commerce has extended the invitation to all area residents.

The night starts with a social hour at 6 p.m., followed by the official welcome at 7 p.m. and dinner at 7:30 p.m. A guest speaker will follow.

Dancing to the live music of "Groove Therapy" starts at 9 p.m.

The cost, per couple is: \$60 for civilians, officers and chief petty officers. Enlisted members in the pay grade of E-6 and below at just \$25 per couple.

Dress for the evening for the military is dinner dress blues (or equivalent) and for civilians, black tie preferred.

Tickets are available from the China Lake Public Affairs Office, Protocol Office, VX-9, Weapons Test Squadron, Ridgecrest Chamber of Commerce Office and Military Affairs Committee members.

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Intelligram

New documents at the Intel Library

Listed below are just a sample of documents new to the Intelligence Library. Our documents are filed according to the KWOC (Key Word Out of Context) number.

120999—"Second-Generation Hybrid Self-Protection Jammer System" (DIA). This document provides an overview and initial assessment of the former Soviet Union self-protection jammer systems SPS-171 and SPS-172.

404724—"Developmental Air-to-Air Missile Systems" (DIA). This study is intended to provide various user groups a reference for numerous foreign air-to-air missile systems currently under development.

120996—"1995 Paris Air Show Highlights" (DIA). This document includes new aerospace systems not previously seen at a large air show.

759000—"On Target" (VX-9). This new periodical from VX-9 replaces the "Bat Bulletin" and the "VX-4 Newsletter." Articles in this magazine may range from weapons to tactics to specific threats.

121001—"AS-X-20 Air-to-Surface Missile System" (DIA). This document furnishes a detailed assessment of the Russian Kh-35 missile system focusing primarily on its air-launched variant,

known as the AS-X-20 in the West. It provides information for countermeasures and defensive measures to be developed.

11676—"Mission Employment Tactics - Tactical (Nellis AFB) Employment: Air Defense." This manual provides information and tactics that can be employed to accomplish the air defense mission.

509118—"Threat-Assessment - Ship Air Defense Systems" (ONI). This threat assessment was prepared to support U.S. Navy ship air defense system programs with intelligence concerning the current and projected threats, and describes the threat environment in which these systems are expected to operate.

We also have recent documents with information on operational requirements and foreign materiel exploitations such as Have Bite, Project Ictus, and Project Cluster Kongol.

We receive the following periodicals: *Aviation Weekly*, *Federal Times*, *Navy Times*, *USAF Weapons Review*, *AIM-POINT* and *Studies in Intelligence*.

For information please call 939-1503 or 939-1505. Remember, we are located at the end of Wing 5 in Mich Lab and look forward to serving you.

Second in a five-part series

WWII naval aviation changed ways of ocean warfare forever

Aviation's role in warfare and, in particular, the role of naval aviation was revolutionary, not evolutionary in World War II. The advent of the aircraft carrier and carrier-based combat aircraft changed the way ocean warfare had been fought for the past 300 years.

According to the Department of Defense fact sheet, "The U.S. Navy in World War II," dramatic improvements in aircraft design, rapid and sustained aircraft production and the development of radar were key factors in the ability of Navy and Marine Corps pilots to dominate the air war in the Pacific where the great naval battles were fought.

The heart of the air war in the Pacific was "The Great Marianas Turkey Shoot" in June of 1944 when more than 400 Japanese aircraft were shot down by U.S. pilots or destroyed on the ground. This disaster, part of the Battle of the Philippine Sea, was the last time Japanese leaders sent aircraft on a major offensive mission other than the kamikaze missions toward the end of the war.

Between July 1, 1941, and June 30,

1945, the U.S. Navy's air assets rose from 3,400 aircraft to more than 40,400 aircraft, and the number of aviation personnel surged from 10,900 at the start of the war to more than 437,500 at its end.

While not highlighted by major battles, the sea battle in the Atlantic was crucial to Allied victory. Naval aviators were in the thick on convoy escort duty and anti-submarine patrol. The escort carriers that joined convoys across the North Atlantic, and their air wings, were keys to breaking the German U-Boat barrier that threatened the supply link between North America and Great Britain. Naval aircraft ranged from the famed fighters, F4U Corsair and F6F Hellcat to the huge and slow PB2Y-5 Coronado seaplane bomber and from the TBM Avenger torpedo bomber to the AE Grasshopper, a single engine utility plane.

(Editor's Note: This is the second in a five part series on the end of World War II. The series will conclude with information about the final events of the China Lake World War II Commemorative Community Celebration scheduled for Nov. 9.)

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Virus awareness essential protection for computers

By Dave Moore
Virus Protection Program Office

(Editor's Note: The National Computer Security Association (NCSA) designated Sept. 8 as "Computer Virus Awareness Day.")

Personal computer viruses - How can a computer get a virus? What is a computer virus? These are questions we ask ourselves when confronted with the issue of using virus protection. In the past, many of us wouldn't believe that computer viruses existed, let alone think it could happen to our computer. With this reasoning, getting virus protection was the last thing we wanted to think about. Bringing the need for virus protection to the forefront nearly always, and unfortunately, requires an actual viral attack on a computer we use regularly. It is then, and pretty much only then, that we take the time to seriously look at using virus protection on our own computers.

The rate at which new computer viruses are being created is increasing dramatically. Therefore the chances of coming in contact with, or becoming infected by, a computer virus is more likely. With this in mind, we can't put off protecting our computing resources anymore! Once your computer becomes infected with a virus, the integrity of your data has been compromised. Can you afford to take chances

with your data? Think about it!

NAWCWPNS takes virus protection very seriously and has supported the virus protection program to deal with this ever-increasing threat. NAWCWPNSINST 5239.2 address the Virus Protection Program responsibility and requires that each competency maintain at least one Virus Incident Response Team (VIRT) member. If you do not have a copy of this instruction one is available on the "ISS Server" located under "CL MAINSITE" in the "guestvol."

The VIRT is comprised of individuals representing codes from all over NAWCWPNS. These individuals provide virus support and are the code's first line of defense against infection. VIRT members are trained to detect, investigate, eradicate and document viral incidents. The VIRT members also disseminate the latest virus information and detection software throughout their codes.

The Virus Protection Program Office has set up a Virus Bulletin Board for all users on the latest virus information available in the "ISS Server" under "CL MAINSITE" called "Virus Bulletin Board" this will - if used when questions arise about virus incidents - answer your questions. This has been set up to help cut down on QuickMail traffic about virus incidents. Also provided is a drop box for any questions that you have

about the Virus Protection Program or viruses.

NAWCWPNS addressed the issue of virus detection software for DOS computers by purchasing a site license for F-PROT, from Command Software. This is the approved and supported DOS virus detection tool for NAWCWPNS and is free to all end users of DOS machines. Please contact your VIRT representative to request a free copy of the general user version, S-PROT.

"Disinfectant" is the approved and supported Macintosh virus detection tool for NAWCWPNS. Disinfectant is an excellent product and is free to use by anyone. Therefore, it gives us unlimited use and protection for all our Macintosh desktop and laptop computers, at no expense. For this reason, we will not need to purchase a NAWCWPNS Macintosh product site license.

There are commercial Macintosh anti-virus products being used at NAWCWPNS, such as SAM and VIREX. These are excellent anti-virus products but they are not free. If your code has purchased any of these products and keeps them up-to-date, please, continue to use them.

Any questions about virus protection or viruses in general should be directed to the Virus Protection Program Office at DSN 469-8478, (619) 927-8478 or your VIRT member.

PILOT PLANT from Page 6

many Pilot Plant buildings, static displays of projects, photographic exhibits and videos of tests.

There is also a barbecue lunch, including sodas and hamburgers for sale at noon.

This is an opportunity for all China Lakers who have a Pilot Plant connection to see old friends, talk about the "good old days" and come up to date on events and work at the China Lake Pilot Plant.

After World War II came the demobilization of much of the nation's military might. The new atomic bomb program, however, was boosted to higher levels, not reduced. This brought more work, more people and more services to China Lake. The Salt Wells Pilot Plant was, until the late 1940s the only producer of the high-explosive components of the new bomb.

In time the Atomic Energy Commission, which took over the Manhattan Project effort, decided that China Lake's remote desert location was great for small-scale, war time, crash operations.

Watch for additional information on the China Lake Pilot Plant 50th Anniversary celebration in the weeks to come, or call the China Lake Public Affairs Info Line at (619) 939-0050.

Questions and answers

Capt. Hull welcomes questions from employees about China Lake's future

To all hands,
The following messages include questions which I have received from NAWCWPNS employees by e-mail or other means. I have answered each one, with the best information we have available, in the interest of keeping all of you as informed as possible on current events and plans within the command.

I welcome questions at any time on any subject, and will attempt to answer all of them as quickly as possible. The ones I choose to answer in this forum are those which are likely to be of general interest to the entire command. Others of a more individual nature I will answer just to the sender. Questions which appear in this forum will have the sender's name and e-mail address removed, along with any identifiable personal references. I may occasionally edit them for length. Nothing in these messages is classified, and there are no restrictions on sharing them with contractor personnel or members of the community.

Thank you, Capt. Roger K. Hull

Question:
I don't know if you are aware that HRD at Point Mugu has a data base of jobs on line through C-Lan. It will accommodate the PC's and Macs. These jobs are from OPM only. There have been quite a few placements through this service. There used to be a notice in the Missile about this service and how to access it but I have not seen it in a long time... anyway I just thought you should know of another resource here.

Hull:
I believe the system you are referring to is called DORS. I talked about it briefly in a previous all-hands message.

Subsequent Question:
I think Capt. Hull completely missed the target with his response to this question. I don't believe the question had anything to do with DORS. I believe the question was about the Federal Jobs Opportunity Listings which HRD at Pt. Mugu has on Appleshare net as "BBEDIT." The Rocketeer printed instructions for accessing that database many months ago. I tried that database this morning using the instructions from the old issue of the Rocketeer. I was able to access and run the database. I suggest that The Rocketeer re-run the instructions for the database as part of your continuing series of helpful information on job placement.

Hull:
You're absolutely right. I interpreted "a data base of jobs on line through C-Lan" to mean DORS, when in fact it was the system you describe. Several other people pointed out the same thing to me. (Editors Note: Instructions below.)

The Federal Job Opportunity Listing (FJOL) Bulletin Board System is avail-

able to PC-compatible and Macintosh computers using a standard communications package (i.e. Procomm, Smartcom). The phone number to call to login into the BBS is (805) 989-3233. Follow the instructions on the screen to register as an authorized user.

PC-Compatible computers: At a network prompt, type the following command: "LOGIN PM62PUB_NFS/JOB-SPC".

Macintosh computers: In Chooser, click on Appleshare. Find the zone "PM HRD" and click on it. Click on the file-serve "M62PUB_NFS" and select OK. Click on registered user and in the name field, type "JOBSMAC" (no password is assigned). Click on "PUB," then click OK. A file cabinet icon will appear on the desktop of your Mac with the label "PUB." Double click on this icon to open it. Double click on the folders "FJOL" and "MACFILES." Double click on the icon "BBEDIT" to start the program. You can view one file (state) at a time or choose to open several files. When you have finished using the FJOL program, "QUIT" and close the folders

as much as possible without significantly increasing our liability for such expenses in the next few years;
•reduce our overhead labor as much as possible while maintaining that coverage that is legally required, and while providing all of the services that are essential (not just desired) to enable the direct-funded people to function efficiently and get their job done; and
•wherever possible, change our charging patterns so that costs that can clearly be attributed to a single funded program are, in fact, charged to that program, rather than to overhead. We have to do this in such a way that we do not dramatically increase the rates to our customers and drive away the very work we are trying to retain.

If you have any questions regarding the use of this service, call (805) 989-3328. For any questions regarding specific listings, call the number at the bottom of the job announcement.

Question:
Several folks in our group recently received the Commander's Award for the excellent work they did in support of numerous BRAC calls. If, as the Business Plan says, you plan on getting rid of our function, where will the support come from for such important management exercises of the future?

Hull:
The more of these questions I answer, the harder they get! I'll do my best to explain the apparent dichotomy here.

First, it is essential that we separate the need for a work force reduction from the quality of work being done by the people in functions which we may reduce or eliminate if the RIF is approved.

The work that was done by your group was absolutely superb. No one is questioning that. The issue is, given the requirement for a significant reduction in the work force, whether we can afford to keep the function populated at its cur-

rent level, or whether we can afford to do this work the same way we have in the past.

To specifically address your question, BRAC is not something we expect to see again for at least six years, so we do not need to maintain a contingency capability to respond to something of that magnitude.

The decision has been made, after debating it thoroughly, that we can continue to respond satisfactorily to other future management exercises with a smaller work staff in your function. It is not something we want to do, and we may not be able to respond as quickly, or with the same world-class quality, but we will respond.

This does not mean that your function, or the people who work there, are casually expendable. Neither this nor any of the other decisions we made in building a potential RIF list were made capriciously. The trade-offs were incredibly difficult.

The driving principle is that, in order to accomplish our mandated goal of balancing the budget by the end of FY97,

Q: Are "Early Outs" going to be offered to those close to retirement?

Hull: Yes, they will. 9

ally by full time employees will now be done only on demand by contractors, or by the customers themselves.

None of us enjoys the prospect of potential involuntary separations. But the fact is that we must cut 700+ positions by July of 1996. We have to cut them somewhere, and every single cut has to contribute to elimination of the deficit in one way or another.

We are dedicated to reducing the size of the involuntary separations as close to zero as possible with a wide variety of tools such as VSIP/VERA and outplacement. The greater the success of those efforts, the fewer people we may have to cut from those functions that we have initially identified, and in which the people do not want to leave even with separation incentive pay.

If anything, the size of the potential RIF will be smaller than the initial request. To the extent that it is, we may be able to retain more of the award-winning people in your function, and continue to benefit from the services they provide.

Question:
A comment made in the business plan says "Reductions taken in areas which will not significantly impact quality of life." Whose life, Captain? The military's?

Hull:
We are talking about everyone, not just military. What we mean is that we don't want the cuts to result in loss of essential services like garbage disposal, power, water and sewer services, critical building maintenance, safety-related issues, etc.

It has nothing to do with clubs, playgrounds and entertainment. Those are not part of the business budget that we are concerned with balancing.

Question:
I don't understand something; perhaps you can help me out. Why is there so much construction going on around the base and yet we're looking at going out the gate?

Hull:
The simplest answer I can give you is that the construction is being funded with other kinds of money. The new housing at Point Mugu, the barracks at China Lake, the athletic path, Wunderlich Lab and others are funded with either MILCON or CNO's Quality of Life money which has no effect on our budget. It doesn't affect our revenue or our expenses, although it does affect our end strength. Most of that construction is badly needed, and we are fortunate to have obtained the funds to do it. I can tell you that a large number of projects (buildings and facilities) that would have been funded with command overhead have been canceled or deferred to avoid any unaffordable expenditures in our current climate.

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Standings, rights and benefits

Employees face challenges with the possibility of a RIF

By Kathi Ramont
Staff Writer

(Editor's Note: This is the fourth in a series of articles on programs the Human Resources Department has available for DoD employees. This article covers some of the procedures in a reduction-in-force situation, and rights and benefits for employees.)

Reductions are driven by many things — declining workload, smaller budgets, changes in mission (including realignment and relocation) and base closures. Any one of these may require DoD to abolish your job. If that happens, remember that it is the result of many factors, many of which you cannot control.

Even if your position is abolished, you may not lose your job. This is determined by a number of factors established by law. These include, veteran's preference, tenure group and service computation date in combination with your recent performance ratings. Together they determine your "retention standing."

Veteran's preference in a reduction-in-force (RIF) is based on your military service. Some widows, widowers, spouses of disabled veterans, mothers of disabled or deceased veterans and military retirees also may have veteran's preference. In a RIF, workers with veteran's preference who are serving under career appointments are usually retained over those without preference if they occupy positions with similar grades, occupational series and duties. The same is true when those with veteran's preference are on career-conditional appointments and are competing with other career-conditional employees.

Tenure group is based on whether you are a career or career-conditional employee. Career employees are usually retained over other employees who occupy similar positions. Career-conditional employees are retained over those who are term, or temporary employees.

Service computation date is a combination of your creditable federal civil service, creditable military service and additional service time credited as a direct result of your performance ratings.

If your job is abolished, the factors described above will determine how you are affected in a RIF. Your personnel management advisor can give you specific information concerning your position and retention standing. If you do receive a RIF notice you should take a close, careful look at what is available and take action.

Monica Hewston from the Human Resources Department is the manager of the Priority Placement Program and can

be reached at 939-1156. For enrollment in the Defense Outplacement Referral System (DORS), contact June Fletcher at 939-2265 or Shirley Knight at 939-2264.

Or you might be close, or even beyond, the time when you are able to retire. In that case you should talk to Dee Quashnock, the voluntary separation incentive pay (VSIP)/voluntary early retirement authority (VERA) coordinator for Naval Air Warfare Center Weapons Division. She can be reached at 939-8124 for information on planning your retirement.

As NAWCWPNS employees face the challenge of a possible RIF, it is important to know what benefits are available. The following is a brief summary of what happens to benefits of separated employees.

Health benefits

If you are enrolled in the Federal Employees' Health Benefits Program (FEHBP), you may elect to continue your enrollment for 18 months following separation.

During those 18 months, you will have to pay only your share of the premium. The government continues to pay its share plus any administrative charge. You may also elect to convert your coverage to a non-group policy. HRD will inform you of your right to convert or continue health benefits enrollment and give you the necessary forms to complete.

Life insurance

Your Federal Employees' Group Life Insurance (FEGLI) coverage terminates on the date you are separated, but you will have a 31-day free temporary extension of coverage after that. This will provide the time you might need to convert your FEGLI coverage to an individual life insurance policy. Note that your FEGLI coverage has no "cash value."

Retirement contributions.

With few exceptions, all civilian employees are covered either by the Civil Service Retirement System (CSRS) or the Federal Employees Retirement System (FERS). The retirement system you are in will determine the advantages and disadvantages of withdrawing your retirement contributions or leaving money in your fund if you separate.

Thrift savings

The Thrift Savings Plan (TSP) is a retirement savings plan for both CSRS and FERS employees. Contributions to the TSP are tax-deferred. If you are not eligible for retirement benefits when you separate you have the option of transferring your money to an individual retirement account (IRA) or other eligible retirement plan, leaving your money in the TSP, getting your money in a lump-sum payment or receiving an annuity.

Annual leave

Employees earn annual leave based on the amount of their creditable federal and military service. Full-time employees can earn 13 to 26 days of annual leave a year. If you are separated, you will be paid a lump sum cash payment for all your unused annual leave. That includes all the leave you carried over from previous years, leave you've earned in the current year and any leave you might have in restored accounts.

Annual leave-retirement eligibility

If you are very close to being eligible IF separation occurs, you may be able to stay on the rolls (beyond the date of separation) if you have enough annual leave to carry you to your eligibility date. For example, if

you were scheduled to be separated three weeks short of being eligible to retire, you could, using your available annual leave, remain on the rolls for the three weeks needed to get to retirement. You would be informed about this benefit if you received a RIF notice.

Health benefits eligibility

In much the same way, you can also use annual leave to become eligible for continuation of federal health benefits as a retiree. Normally, you need to be enrolled in the FEHBP at least five years prior to retirement in order to have coverage as a retiree. For example, if you were scheduled to be separated five weeks short of your eligibility date for retiree coverage, you could, by using your available annual leave, remain on the rolls for the five weeks needed to get the coverage.

Unemployment compensation

Most involuntarily separated DoD employees have the protection of unemployment insurance. If you are eligible, this weekly income will be paid for by the federal government through the state.

To find out if you qualify, you should go to the local state unemployment office. Take along the Notice to Employee About Unemployment Insurance (SF 8) HRD would give you, as well as the Notification of Personnel Action (SF 50) that shows your involuntary separation from federal service.

Sick leave

Most employees accrue four hours of sick leave each pay period. Since there is no limit on the amount of sick leave you can carry forward from one year to the next, you may have a large balance. However, unlike annual leave, there is no lump sum payment made for the sick leave you have when you separate. Should you return to federal service within three years, any unused sick leave will be restored to your account. If you retire under the CSRS, unused sick leave is added to your years of service to increase your annuity.

Severance pay

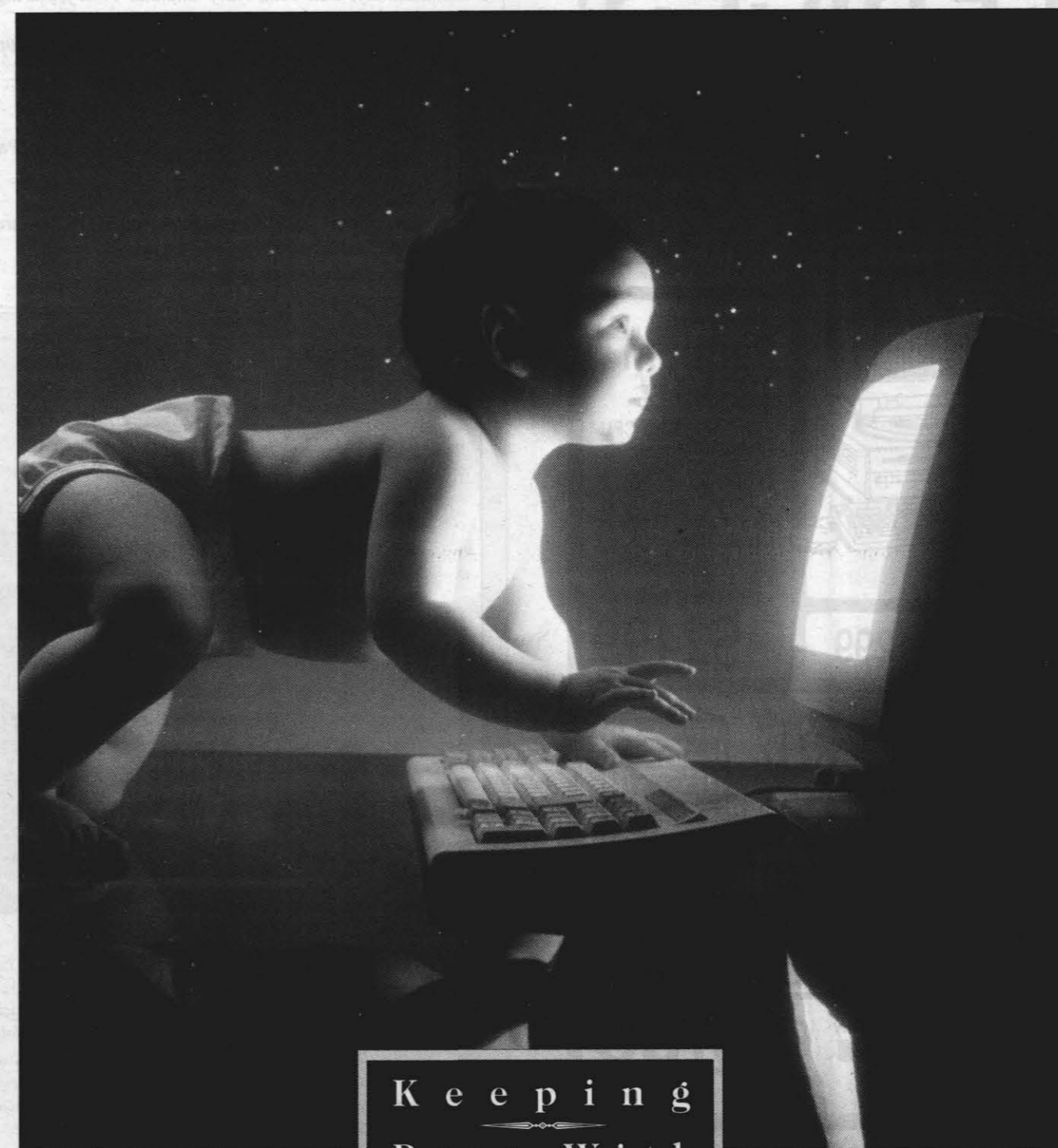
The severance pay amount you receive is based on a formula that considers your years of federal service, your basic pay when you separate and your age. You would receive one week's basic salary for each of your first 10 years and two week's basic salary for each year of service over 10. There would also be an adjustment if you are over age 40.

HRD can tell you whether you will get severance pay. Payments are restricted if you decline a "reasonable" job offer or are eligible for an immediate civil service or military annuity. A job offer is considered reasonable if it is in your commuting area, has the same tenure and work schedule as your current position and is not more than two grades or pay levels below your current position. In addition, severance payments you might have received at other times in your career have an impact. If you are eligible for a government annuity or are retired military, you are not eligible for severance pay. Finally, you will not be eligible for severance pay if you receive civilian separation pay (VSIP/VERA).

Moving expenses

Moving expenses (for shipping household goods, moving family members and real estate) are typically allowed if you lose your employment through a RIF and take a federal job in a new location within one year of your separation. However, always check with HRD to clarify your entitlement. Never assume you will be reimbursed for moving costs, and remember that you must always have official travel orders for reimbursement. For jobs you might be considering in private industry or state and local government, check to see if they pay moving expenses.

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Video Listings

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NOTE: In honor of the 50th Anniversary Celebration of the China Lake Pilot Plant, Saturday, Oct. 14th, Navy Channel 17 is featuring China Lake historical videos at 5:55 p.m., Monday through Thursday.

For information about the China Lake Pilot Plant 50th Celebration call 939-6689 or 375-7897.

- Monday-Thursday, Sept. 25 - 28**
5:30 p.m.: Navy News
5:55 p.m.: China Lake Historical Video: Secret City Part II
- Monday-Thursday, Oct. 2 - 5**
5:30 p.m.: Navy News
5:55 p.m.: China Lake Historical Video: NOTS Newsreels
6:45 p.m.: The Army Reserve in Egypt
6:50 p.m.: Guide to Exporting to Japan



Photo by Kathi Ramont

MOVING ON—Milt Burford, Corporate Operations competency leader, extends his best wishes to Cathy Partusch, China Lake's Public Affairs Officer, at her farewell luncheon last week. Friends and co-workers from China Lake and the Ridgecrest community joined together to wish Partusch, and her husband Chuck, good luck. Partusch has accepted a position in the public affairs office at the Naval Air Warfare Center Aircraft Division, Patuxent River. As of Monday, Sept. 25, former managing editor of The Rocketeer, Steve Boster, will be acting PAO until further notice.

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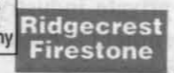
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of training needs. Instructs supervisors and employees on a variety of safety and health subjects including hazardous material, machine safety, personal protective equipment, and rights and responsibilities of employees. Incumbent may also have responsibility to be program manager or alternate of one or more of the programs in OPNAVINST 5100.23C. May serve as part of the safety team to provide support services ensuring all facets of the safety program. **Quality-Ranking Factors:** Ability to perform safety and occupational health program functions.

No. 836-60-MZ95, (1) Maintenance Mechanic Leader, WL-4749-07, Shore Station Management, Morale, Welfare, and Recreation Department, Facilities Management Division, Code 836600E—Area of Consideration: Current appointable NAWCWPNS employees at the Point Mugu site only. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Carl Rideaux, 989-8067, **HRD Contact:** Marcela Zaragoza, 989-3235. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is responsible for providing working leadership to a facility grounds maintenance and support crew and serves as the point of contact for arranging the

accomplishment of various tasks. Work consists of applying practices, processes, and methods in the repair, upgrade, and maintenance of MWR facilities. Plans the weekly and daily work schedule and sequence of operations, establishing deadlines and priorities based on the weekly schedule, maintenance requests, and the methods and policies established. **Quality Ranking Factors:** Ability to lead work involving the knowledge of facilities maintenance procedures, methods, equipment, and machines, including carpentry, electrical, plumbing, flooring, painting, and drywall.

CURRENT PERMANENT DOD EMPLOYEES ON THE OXNARD PLAINS

No. 2A00-16-BB5 (1) Secretary, GS-318-5/6/7, Code 2A0000E—Area of Consideration: Current permanent DOD employees on the Oxnard Plains. **Opening Date:** 9-21-95. **Closing Date:** 9-28-95. **Selecting Official:** Ellen Klotz, (805) 989-8956. **HRD Contact:** Belinda Bayerque, (805) 989-3260. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Performs technical and clerical work in support of Code 20000E for

Department and Deputies supporting both China Lake and Point Mugu competencies; processes route administrative documents by researching and applying laws, rules, instructions, and regulations; audits routine records and reports and corrects discrepancies; maintains files in accordance with NAWCWPNS Contracts Competency requirements; prepares unique reports requiring review of information contained within various documents; compiles data in ready reference form for use by others; prepares, reviews, processes, and distributes reports, records, Navy messages, timecards, travel requests, training forms, security badge requests, labor distribution cards, phone bills, print requests, personnel actions, supply requisition forms, and/or other route administrative documents. The incumbent maintains supervisor's calendar, receives visitors, and telephone calls, referring them to appropriate personnel; arranges for meetings and conferences, making reservations and notifies participants. **Quality-Ranking Factor:** Ability to use office hardware and software, i.e., Macintosh or IBM personal computers to process, produce, or use the following: training, timesheet, and travel forms, requisition stubs; telecommunication mail systems; electronic calendars; and correspondence. **Notes 1 and 5 apply.**

MWR JOB OPPORTUNITIES

***No. NF-189-02, Recreation Assistant (Multiple Positions), \$6.17-\$11 per hour.** NAWC, China Lake, Morale, Welfare, and Recreation (MWR) Department is looking for people who love working with people, enjoy observing people who cherish the fruits of their labor, are looking for ways to keep improving and offering more than what their customer expects, and seek teamwork and organization success at "The Wreck Center," a new multi-purpose recreation and entertainment program designed for adults 18 years or older. Must be able to apply mature judgment and exercise control over a group of people and follow detailed instructions and directives. Position will require irregular working hours. For additional information, call (619) 939-0882. To apply, send or deliver an SF-171 for to NAF Personnel Office at Bldg. 21, China Lake, CA. Application for the "Castaway Crew" to operate "The Wreck Center" will be accepted for the next 30 days. **Note:** These are not civil service positions.

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).



NAVAL AIR WARFARE CENTER WEAPONS DIVISION



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

TSP RATES OF RETURN
The latest TSP rates of return were:

	C Fund	F Fund	G Fund
August 1995	0.26%	1.21%	0.56%
Last 12 months	21.38%	11.18%	7.54%

Interfund Transfers: An interfund transfer changes the balances of your TSP account that are invested in the three TSP funds. An interfund transfer affects only money already in your account; it does not affect the way your future payroll contributions are invested. You can make an interfund transfer in any month you wish, without an annual limit. Interfund transfers can be made by using the ThriftLine, telephone (504) 255-8777. For more information on using the ThriftLine; at China Lake, call John Powers at 939-2574, and at Point Mugu, call Peggy Topham, 989-3323. Ask for a copy of the FACT SHEET - Using The ThriftLine.

FEDERAL JOB OPPORTUNITY LISTING
The Federal Job Opportunity Listing (FJOL) is a job bulletin board maintained by the Office of Personnel

Management that contains up-to-date information on current federal job openings worldwide. You can access this bulletin board with either a Macintosh or PC from your local area network. In addition, you can access the system with a standard communications package. Following are specific instructions for either method of access. Good luck on your job search.

Bulletin Board System (BBS) - FJOL BBS is available to PC-compatible and Macintosh computers using a standard communications package (i.e., Procomm, Smartcom). The phone number to call to login into the BBS is (805) 989-3233. Follow the instructions on the screen to register as an authorized user.

Command Local Area Network (C-LAN) - The FJOL is also available on the C-LAN on the P62 HRD Server for PC-compatible and Macintosh users. Any specific questions regarding access to the C-LAN should be directed to the network administrator responsible for the local area network in your area.

PC-Compatible Computers: At a network prompt, type the following command: "LOGINPM62PUB_NFS/JOBSPC".

Macintosh Computers - In Chooser, click on Appleshare. Find the zone "PM HRD" and click on it. Click on the file-server "PM62PUB_NFS" and select OK. Click on registered user and in the name field, type "JOB-SMAC" (no password is assigned). Click on "PUB", then click OK. A file cabinet icon will appear on the desktop of your Mac with the label "PUB". Double click on this icon to open it. Double click on the folders "FJOL" and "MAC-FILES". Double click on the icon "BBEDIT" to start the program. You can view one file (state) at a time or choose to open several files. When you have finished using the FJOL program, "QUIT" and close the folders "MACFILES", "FJOL", and "PUB". Then drag the "PUB" desktop icon to the trash. This last step is very important because it logs your connection off of the HRD server, allowing another connection to be made.

If you have any questions regarding the use of this service, call (805) 989-3343 (DSN 351-3343) or (805) 989-3335 (DSN 351-3335). For any questions regarding specific listings, call the number listed in the announcement.

CHINA LAKE GENERAL ANNOUNCEMENTS

BLUE CROSS BLUE SHIELD (BCBS) REPRESENTATIVE TO VISIT CHINA LAKE

BCBS service representative, Steve Schneider, will be at China Lake on Monday, 25 September. He will be available to answer questions regarding your BCBS coverage and help with any problems you may have. Please bring all documentation, if applicable, so Mr. Schneider can properly assist you. You can stop by to talk with him at the Training Center, Room 105, 0800-1100 and 1230-1400. If you have any questions, call Pat Miller at 939-2018.

FIRST ANNUAL FIRE PREVENTION 5K RUN/WALK

The China Lake Fire Division is sponsoring its First Annual Fire Prevention 5K Run/Walk on Saturday, 14 October at 0800. The entry fee is \$2 not including a t-shirt and \$12 including a t-shirt. The entry deadline is 4 October.

For more information, contact the China Lake Fire Division at 939-2146 or the NAWC Gym at 939-2334.

ALL FORMS WILL COST AT SUP-R-MART

Currently, Optional Forms and Standard Forms are the only forms that are cost items at Sup-R-Mart (Warehouse 10). Beginning 2 October all stocked forms will be cost items. G&A funds are no longer available to print/stock forms free of charge. Many of the forms stocked at Sup-R-Mart are available electronically on the CL Admin zone, Admin Support server. To see which forms are available electronically and which forms are stocked in Sup-R-Mart, the "Forms List" is also available on the Admin Support server. The last day to obtain free forms is 21 September. The Forms Section of the warehouse will close the week of 25 September to implement the new cost system. If you have any questions, call the Office Systems Branch, 939-2455.

SOFTWARE ESTIMATION LICENSE AVAILABLE
NAWCWPNS has been given the right to a five-user license from Galorath Associates to use their

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY REGISTRATION

Embry-Riddle Aeronautical University is currently registering students for its upcoming winter term. Classes start the week of 16 October. All classes will be held at the Training Center and are open to everyone.

Tuition Assistance Students: You need a special request chit every term. All paperwork must be turned in by the first night of class, no exceptions. Start your tuition assistance paperwork now—do not delay.

CLASSES:
Undergraduate: Aircraft Engines, Reciprocating, Monday evenings; Aircraft Crash Survival, Wednesday evenings; and Industrial Management, five Saturdays during the 9-week term.
Graduate: Supply and Distribution in the Aviation/Aerospace Industry, Tuesday evenings.

A representative will be available on Mondays, Tuesdays, and Wednesdays from 1000 to 1630 at the Administration Building, Room 214A.

Note: All registration and counseling will be at the Administration Building. For more information, call 927-3649.

RETIREMENT

MARC L. MOULTON

Marc L. Moulton, Navigation and Data Link Section, Systems Integration Branch retired on 1 September after 28 years of service at China Lake. A retirement party will be held in his honor at the Seafarer Club on 29 September at 1900 at a cost of \$8 per person for heavy hors d'oeuvres. Dancing will begin at 2100. For reservations, gift donations, or presentations, call Marlene Altieri at 939-1129 or 939-3982 by 26 September.

SEER-Software Estimating Model tool, which includes a Life Cycle Management model, to analyze software development costs. The total cost is \$10,000, or \$2,000 per license. The license is good for 1 year. We need one or two more users willing to "buy" into the SEER tool.

Some SEER tool features are

1. Includes a size-estimating module.
2. Is available in Macintosh and PC versions.
3. Knowledge base includes an all-DOD database.

4. Works with object-oriented designs, when reusing code, when using C++ or ADA, and with incremental software development.
5. Is user-friendly, provides an intuitive layout, and has very good error/help messages.
6. Organizes projects into a series of Work Breakdown Structures, and staffing constraints can be factored into the estimate.

For more information, contact Dinah Beres at 939-1392.

POINT MUGU GENERAL ANNOUNCEMENTS

RIDESHARE WEEK

The week of 2-6 October has been designated as Rideshare Week. Show your support for the environment by using alternates to driving a single-occupant vehicle to work, such as carpooling, vanpooling, riding public transit, using the base shuttle bus, walking, jogging, or bicycling. If you use any of these alternate modes of transportation during that week, you will receive 59 minutes off of any 1 day the following month.

For additional information, contact Bill Guzman at 989-1360.

GRAND OPENING, POINT MUGU CAREER TRANSITION AND RESOURCES CENTER (CTRC)

The CTRC at Point Mugu will be reopening on 12 October; hours will be from 1000 to 1500 (other hours are available by appointment). Employee development personnel will be available to demonstrate services and equipment and answer questions. All employees are invited to attend the grand reopening.

The CTRC was forced to close last January due to the loss of Building 5-1 following high winter surf conditions. The new center is located in Building 20 adjacent to the new computer laboratories and the Employee Development Division.

The new CTRC has new and improved computer software to assist in the search for a federal job. The very latest SF-171, resume, OF-612, and federal resume software is available on computer in the user-friendly Windows version. Also available are career planning tools on computer and career search guidance in the many books and

brochures housed at the center. Personal career counseling is also available by appointment. In addition to the Federal Job Opportunities Listing, visitors to the center can utilize a state-of-the-art federal job listing bulletin board known as ACCESS, which is updated nightly.

Previous customers will remember that the CTRC is also the repository for extensive learning materials that can be checked out by NAWCWPNs employees. Audio and video tapes, software tutorials, and books on a myriad of topics are available for the employee seeking to acquire new knowledge and skills to help them excel in the workplace.

Efforts are currently underway to duplicate this center at China Lake in the near future.

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.

CD\PTMUGU\HOTLINE <RETURN>

You can 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 CHOOSER 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 highlighted, 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.

NEW EMPLOYEE DEVELOPMENT DIVISION PHONE NUMBER

The Point Mugu Employee Development Division has a new phone number available for our customers. We have a "training schedule" phone number, 989-7956 (DSN 351-7956).

By calling this number, people will be able to hear what courses are being offered at the Point Mugu site during the current week.

TELECOMMUTE: THE OTHER OPTION

NAWCWPNS provides opportunities to telecommute (work at home). Depending on the nature of your work and with approval from your supervisor, you can work 1, 2, or 3 days each week at home.

For more information, call Colleen Smith (HRD) at 989-3225.

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.

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.

MERIT PROMOTIONS

CHINA LAKE SITE ONLY

No. 473-014-RP5, Engineering Technician, DT-0802-2/3 (Multiple Vacancies), Airframe, Ordnance, and Propulsion Division, Code 473220D—Area of Consideration: China Lake. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Stuart R. Blashill, 939-7991. **HRD Contact:** Julie Rodriguez, 939-2693. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is located in the Airframe, Ordnance, and Propulsion Division, Propulsion Branch, Propulsion Control Integration Section. The incumbent assists in the design, fabrication, assembly, test setup, test instrumentation, and test analysis of solid propulsion and thrust vector control systems. **Quality-Ranking Factor:** Knowledge of mechanical/aerospace devices and associated hardware; knowledge of electro-mechanical systems; skill in the assembly of mechanical components; ability to set up and machine specialty parts; ability to use CAD/CAE (computer-aided design/computer-aided engineering); ability to communicate orally and in writing.

Note 1 applies.

No. 473-015-RP5, Engineering Technician, DT-0802-2/3 (Multiple Vacancies), Airframe, Ordnance, and Propulsion Division, Code 473240D—Area of Consideration: China Lake. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Steve Lyda, 939-7395. **HRD Contact:** Julie Rodriguez, 939-2693. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is located in the Airframe, Ordnance, and Propulsion Division, Propulsion Branch, Airbreathing Propulsion Section. The incumbent assists in the design, fabrication, assembly, test setup, test instrumentation, and test analysis involving airbreathing propulsion systems and their integration into vehicles. Tests involve insulating materials, ramjet combustor (liquid-fueled, solid-fueled, and ducted rockets), turbines, scale model (Adam, Eva) solid rocket motors, inlets, and small rocket motors. **Quality-Ranking Factor:** Knowledge of mechanical model making; knowledge of test functions associated with airbreathing propulsion; knowledge of OP-5 (NAVSEA Operating Procedures for Propellants and Explosives); ability to use CAD/CAE (computer-aided design/computer-aided engineering); ability to work with high-pressure (3500 psi) air, hydrogen expansion burner, JP, and other fuels, hazardous materials, and class 1.1 and 1.3 explosives.

Note 1 applies.

ALL FOUR SITES

No. 472-016-KB5, Program Analyst, DA-343-2/3, DP-343-3, Guidance and Control Systems Division, Code 472G10D—Area of Consideration: NAWCWPNs. **Opening Date:** 9-21-95. **Closing Date:** 9-28-95. **Selecting Official:** Carl Lindsey, (619) 939-1445. **HRD Contact:** Kay Behrmann, (619) 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is located in the Advanced Technology Applications Office, Guidance and Control Systems Division. Incumbent will function as Contracting Officer's Representative for multiple program contract efforts. Incumbent will prepare relevant program documentation, such as program plans, acquisition plans, statements of work, source selection plans, and status reports. Will perform scheduling and planning, monitor critical path areas, major decision points, and milestones. Will be responsible for analysis, coordination, and resolution of technical data package and programmatic issues. Travel will be required. **Quality-Ranking Factors:** Knowledge of weapon systems acquisition processes; knowledge of contract administration and technical status monitoring; ability to gather, compile, and analyze various project data related to acquisition; ability to communicate orally and in writing in a highly effective manner with technical and management personnel, on and off Center. Current Secret clearance is required. Must be able to obtain and maintain a Top Secret clearance. Macintosh computer experience is desired but not required. Full performance level is DP-3. **Notes 1, 3, and 4 apply.**

No. 52-028-RR5, Electronics Technician, DT-856-2/3, Code 522600D, Metrology Branch, Metric and TSPi Division, Pacific Ranges and Facilities Department—Area of Consideration: NAWCWPNs. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Ed Gehres. **HRD Contact:** Rob Robinson, (619) 939-2393. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will provide calibration and repair services on a wide variety of electronic test equipment which includes, but is not limited to, oscilloscopes, AC/DC meter, RF generators, and spectrum analyzers. The duties are performed both in the lab and on-site at the end user's facilities. **Quality-Ranking Factors:** Ability to follow and interpret standard Navy instrument calibration procedure; and ability to read schematics and troubleshoot electronic problems to the component level. The selectee must be able to obtain and maintain a Secret clearance. The full performance level of this position is DT-3. Previous applicants need not reapply.

No. 82-051-DE5, Office Assistant, DG-303-1, Morale, Welfare, & Recreation Department, China Lake, Code 826000D—Area of Consideration: All appointable eligibles. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Alonzie Scott, (619) 939-2010. **HRD Contact:** Becky Reed, (619) 939-2371. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent provides clerical and administrative support to the Child Development Center. Enrolls and registers patrons for participation in the child care program; maintains records of enrollment and registration; collects fees; calculates and posts all changes to patrons' accounts; orders and distributes supplies; and performs receptionist duties for the Center. **Quality-Ranking Factor(s):** Ability to perform the full range of clerical and administrative support duties including answering telephones, placing calls, maintaining files, and collecting fees.

POINT MUGU SITE ONLY

No. 8300-063-5, (2) Safety and Occupational Health Specialist, GS-0018-09/11, Code 837000E—Area of Consideration: Current appointable NAWCWPNs employees at the Point Mugu Site only. **Opening Date:** 9-21-95. **Closing Date:** 10-5-95. **Selecting Official:** Martin Himmelstein, 989-7867. **HRD Contact:** Marylou Gutierrez, 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent implements the Navy Occupational Safety and Health Program within the designated organizational segment assigned. The incumbent interprets established safety standards in light of local unique operations and safety situations. Compiles all safety inspections of assigned organization into official inspection reports to Commander NAWC/NAWS, Directors, Commanding Officers, and Civilian Managers. Independently plans and schedules surveys/inspections of industrial shops and offices to identify and evaluate risk potential involving a wide variety of work environment and occupations. Determines the extent to which mechanical and physical conditions comply with required or accepted standards, their adherence to established safety policies and procedures and the effectiveness of the assigned program. Investigates or directs investigation of accidents, analyzing precipitating factors and accident causal data in order to develop specific methods for prevention. Develops or assists in developing training and educational programs as dictated from analysis

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY96 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. These participants have priority for available billets. Program costs are funded by NAEI. Travel and per-diem expenses of nominees are funded by their respective 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
Capitol Hill Workshop	4-7 Mar 96	22 Dec 95
Contemporary Management and Practices	5-16 Feb 96 12-23 August 96	17 Nov 95 20 May 96
The Washington Arena	29 Jan-2 Feb 96 16-20 Sept 96	16 Nov 95 5 Jul 96
Managing Individual and Organizational Change	6-9 Aug 96	20 May 96
The Politics of National Security	11-16 Feb 96 26-31 Aug 96	24 Nov 95 7 Jun 96
NEW - Creating the High Performance Workplace	26-30 Aug 96	7 Jun 96
Issues in DOD/Public Policy Series:		
Defense R&D Issues	7 Feb 96	16 Nov 95
The Information Highway	1 May 96	16 Feb 96
NEW - Managing Critical Resources	5 days-TBD based on demand	

CIVILIAN PERSONNEL DIVISION NEWS

APPLICATION PROCEDURES

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

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

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

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

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

AREA OF CONSIDERATION INFORMATION

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

NOTES

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

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

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

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

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

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

GENERAL INFORMATION

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

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

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

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



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).

LABOR/EMPLOYEE RELATIONS TEAM NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 24 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Recipient) and a copy of current Leave and Earnings Statement. OP-Form 630-A is available at Administration Offices at Point Mugu and Telmart at China Lake. Completed forms for Point Mugu may be mailed to Estela Padilla, Code 731000E (P621); forms for China Lake may be mailed to Pat Miller, Code 731000D (C621). For additional information, call Estela Padilla at (805) 989-3222, or Pat Miller at (619) 939-2018.

CHINA LAKE

Jerry Chisholm, Code 823600D.
Jerry is recovering from surgery.

Jan Leverett, Code 455120D.
Jan is recuperating from open rotator cuff repair to her shoulder.

Nadine Foley, Code 732000D
Nadine is suffering from vision problems.

Tracy Markley, Code 835410E
Tracy is under a doctor's care.

Sierra Linda Burdette, Code 210000E
Sierra is caring for her son, who needs medical attention.

Terrence Duffy, Code 523100E
Terrence is awaiting a decision from the Office of Personnel Management regarding his disability retirement.

Barbara Snyder, Code 250000D
Barbara suffers from complications after childbirth.

Abelina Shanholtz, Code 725200D
Abbey has a medical problem.

Richard Smith, Code 47D000D
Richard needs shoulder surgery.

Veronica Vasquez, Code 731000E
Veronica is on maternity leave.

Carla Allen, Code 48D000E
Carla is recovering from surgery.

Tonya Thompson, Code 731000E
Tonya is on maternity leave

Lynn Ljungtuist, Code 451140E
Lynn is on maternity leave.

Tracy Plunk, Code 823250D
Tracy is recovering from surgery.

Margie Hammett, Code 474530D
Margie has undergone surgery.

Barbara Anderson, Code 763200D
Barbara has a medical problem.

POINT MUGU

Mikki Edsall, Code 454930E
Mikki is recuperating from major surgery and will continue under a doctor's care for a minimum of 6 months.

Lillian Cabello, Code 731000E
Lillian is recovering from an automobile accident.

Brenda Davis, Code 731000E
Brenda has lupus erphematosus.

Jeanie Salyer, Code 734000D
Jeanie is undergoing peritoneal dialysis while awaiting a kidney transplant.

Gail Reed, Code 824110D
Gail is assisting with post-surgery care for a family member.

Silas Carney, Code 562E20E
Silas underwent emergency abdominal surgery.

Garth Morrison, Code 834210E
Garth is experiencing diabetic complications.

Candace Allen, Code 834200E
Candace is on maternity leave.

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

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

NON-IONIZING RADIATION SURVEY (24 hrs.)
25-27 September; Monday-Wednesday,
0800-1600; China Lake Training Center. By:
LORAL Microwave Narda

Intended Audience: Engineers, technicians, and other personnel who work in the RF field, such as radar, antennas, etc.

Prerequisites: Background in environmental health and safety, engineering, and science.

This class provides topics in evaluation and management techniques on non-ionizing radiation. Topics include, but are not limited to, an Introduction and Overview, Definitions and

REIMBURSABLE TRAINING POLICY

Reimbursable courses are courses that are being brought on-site for which codes are paying for on a per-person basis. Reimbursable courses are offered when a particular course is requested by an organization, but is not part of our annual training plan budget. These courses are annotated with an "R" in the course schedule. Enrollment for these courses must be accompanied by a job order number at least 1 month prior to the start date of the class. Advance notice is required so we can finalize our commitment to the instructor. Under-enrolled classes will not be held. However, if a student cancels less than 30 days prior to class or is a "no-show," the organization will be charged. We strongly encourage that a substitute be submitted in these cases.

Effects, Antenna Designs and Calculations, Surveys, Documentation, Standards and Compliance, Evaluating Risk Potential and Sources.

To enroll or obtain further information, contact Lily Horton at 989-3987 (DSN 351-3987).

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

CONTRACTING OFFICER'S REPRESENTATIVE (COR) (24 hrs.)

26-28 September; Tuesday-Thursday, 0800-1600; Training Center, Room 107, China Lake

Note: There is a tuition cost of \$300 per student.

This 3-day course provides NAVSUP-approved instruction in the duties and responsibilities of a Contracting Officer's Representative (COR). Topics to be discussed include Federal Acquisition Policy and Contract Law Regulations, Standards of Conduct and Procurement Integrity, Contract Types and Familiarization, Pre- and Post-Award COR Duties and Responsibilities, COR File Documentation, Security and GFP COR Responsibilities, Analysis of Progress Reports, Monitoring and Inspection Methods, COR Responsibilities in Delivery Orders and Contracts, Invoice Review, Financial Information Retained in COR File, Personal Versus Nonpersonal Services, Contract Modifications and COR's Role, and Contract Remedies and COR's Role. Each student is encouraged to bring a copy of his/her contract or solicitation. In order to assess the student comprehension, an examination will be given on the last day.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Nogle, Code 733000D.

RETIREMENT INFORMATION FOR MID-CAREER EMPLOYEES (Those Who Have 10-15 Years To Work) (8 hrs.)

27 September; 0800-1630; Channel Islands, Air National Guard Auditorium. By: Employee Relations, Code 731000E

This course consists of 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 and estate planning.

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

STRESS AND YOUR BODY (1 hr.)

28 September; Thursday, 1300-1400; Bldg. 36, Point Mugu

Our body has limits as to the amount of stress it can handle. Medical research shows that

HAZARDOUS WASTE WORKERS TRAINING (4 hrs.)

27 September; Wednesday, 0730-1130; China Lake Training Center, Room 107
By: Environmental Program Office, Code 823E00D

Note: This is not OSHA 1910.120 certified training.

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

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

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

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

Class size is limited to 25 people.

To enroll, contact Mona Alkhafi at 939-4477.

OFFICE OF CIVILIAN PERSONNEL MANAGEMENT WESTERN REGION

The following courses are available to all NAWCWPNS employees. For more information, call Lori Ryser at 939-2686 (DSN 437-2686).

San Diego, CA

30 Oct-2 Nov	Civilian Personnel Management Field Institute (CPMFI)	no cost
1-3 Nov	Advanced/PPP Qualifications Workshop	no cost
8 Nov	EEO for Mid-Level Managers	no cost
9 Nov	Total Quality Leadership (TQL) Seminar	no cost
14-17 Nov	Introduction to Supervision	no cost
15-16 Nov	Planning for Partnerships	no cost
28-29 Nov	Employee Development for Supervisors	no cost
5-7 Dec	Unfair Labor Practice (ULP) Workshop	no cost
12-13 Dec	Effective Presentations	no cost

Long Beach, CA

13-17 Nov	Introduction to Staffing and Placement	no cost
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Monterey, CA

23-27 Oct	Interested Based Bargaining	\$300
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Bremerton, WA

19-20 Dec	Planning for Partnerships	no cost
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Silverdale, WA

12 Dec	EEO for Mid-Level Managers	no cost
14 Dec	EEO for Mid-Level Managers	no cost

when your body is under prolonged stress, our immune system becomes depressed, causing a multitude of health problems. Solutions are offered as ways to combat stress, provide nutritional support for the body, and create lifestyle changes to increase energy, vitality, and prevent fatigue.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Felicia Nickelberry, Code 733000E. For further information, call Felicia at 989-3980 (DSN 351-3980).

PROGRAMMING HIGH PERFORMANCE CLIENT/SERVER APPLICATIONS USING C++ (6-hr. video)

26 September; Tuesday, 0800-1500; Training Center, China Lake.

29 September; Friday, 0800-1500; Point Mugu, Bldg. 323, Room 160. By: National Technological University. Sponsor: North-eastern University/Distributed Technologies Corporation

Intended Audience: IS professionals, software developers, programmers, and others

responsible for development of applications in a networking environment.

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

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

MAKING CHANGE WORK FOR YOURSELF AND OTHERS (3 hrs.)

3 October; Tuesday 1300-1600, Auditorium Bldg. 3015, Point Mugu

2 November, Thursday, 1300-1600, Mich Lab, China Lake

By: Dr. Terry Paulson

Today's leaders must possess the competency to sustain morale and productivity through a state of constant change and must manage to keep their own sanity in the process. During this session, we will learn how to make change work, starting with ourselves. We will learn how to turn the need for reorganization and downsizing into a positive force for change. We will explore how to provide a focused but flexible vision and meaningful information, how to use resistance, and how to make diversity work. We will learn how to keep ourselves and our people working smart while avoiding burnout in this age of budget cuts and downsizing. This course is for managers, supervisors, and team leaders.

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

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Lori Ryser, Code 733000D. For further information, call 939-2349 (DSN 437-2349).

RETIREMENT PLANNING FOR YOUNGER EMPLOYEES (8 hrs.)

11 October; Wednesday, 0800-1630; Conference Center, China Lake. By: Labor/Employee Relations, Code 731000D

This seminar consists of several lectures which discuss the facts affecting retirement, such as those relating to Civil Service Retirement System and FERS, Thrift Savings Plan, Health Insurance, Life Insurance, Social Security, Income Tax and Financial Planning, Estates, Trusts and Wills. This course includes pertinent topics from the Pre-Retirement Seminar, with emphasis on what to look for in planning for retirement. This course is recommended for employees beyond 2 years of employment and those within more than 5 years of retirement.

Deadline: 4 October

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2), to Sue

Murray, Code 733000D. For further information, call 939-2349 (DSN 437-2349).

NAVY SYSTEMS ACQUISITION (32 hrs.)

16-19 October; Monday-Thursday, 0800-1600; Training Center, Room TBD, China Lake. By Allen Cahill, Acquisition Management Institute (AMI)

Note: This is a required course for SEDP, and fulfills DAWIA ACQ 101.

This class provides the participants with a comprehensive understanding of how DON conducts systems acquisition. Its purpose is the preparation/upgrading of military officers and civilian personnel for assignments in all aspects of Navy Systems Acquisition. The participants are introduced to the system acquisition environment in the DOD and DON. Building on that fundamental knowledge, DON system policy and procedures are discussed specifically. The course focuses on the unique way in which the DON is organized to conduct systems acquisition. Case studies allow the participants to continually reinforce the course learning objectives by applying concepts, principles, and procedures described during classroom lecture/discussion sessions.

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

SUPERVISING OFF-SITE EMPLOYEES (8 hrs.)

26 October, Thursday, 0800-1600; Location TBD, Point Mugu. By: AMA

27 October, Friday, 0800-1600; Training Center, China Lake. By: AMA

This course is designed for managers, supervisors, and team leaders of off-site employees who want to learn the long-distance leadership skills necessary to solve problems and get top performance from staff members they do not work with on a day-to-day basis. You will learn how to pinpoint and solve off-site problems, how to develop a communication network to ensure that vital information does not slip through the cracks, how to develop rapport with off-site employees, and much more.

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

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Lori Ryser, Code 733000D. For further information, call 939-2349 (DSN 437-2349).

INTERPERSONAL COMMUNICATION SKILLS (8 hrs.)

7 November; Tuesday, 0800-1600; China Lake Training Center. 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, commiseration, and empathy skills.

To enroll or ask questions, call Lori Ryser at 939-2686 (DSN 437-2686).

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

7-8 November; Tuesday-Wednesday, 0800-1630; Mini Theater, Bldg 323, Room 59, Point Mugu. By: Employee Relations, Code 731000E

This course includes 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. Also included are 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, submit an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E. For further information, call 989-3982 (DSN 351-3982).

NEW EMPLOYEE ORIENTATION (6 hrs.)

14 November; Tuesday, 0800-1400; Building 3015, Room 339; Point Mugu. By: NAWCWPNS/NAWS Staff

Our program starts with a Welcome Aboard and NAWCWPNS Overview by Captain Hull and a NAWS Overview by Commander Kelley. Other topics included in the program are Prevention of Sexual Harassment; Security; Civilian Employee Assistance Program; Fraud, Waste, and Abuse; Environmental Awareness; and CAO Overview.

Enrollment is accomplished via your Competency Level 2 Administrative Offices. Each new employee will be contacted and approved by his/her Level 2 Competency Administrative Offices.

Note: If as a new employee you have a question regarding attendance of the program, please call your Competency Level 2 Administrative Offices.

The New Employee Orientation is mandatory for all new employees; ask your Competency to add you to their list.

Deadline: 7 November

To enroll or ask questions, call Sue Murray at 939-2349 (DSN 437-2349).