THE ROCKETEER

June 11, 1998





THURSDAY, JUNE 11, 1998

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

VOL. 54, NO.12

F/A-18E test article SV52 arrives for live fire T&E

By Susan L. Hennigan

rrival of the F/A-18E at the gates of NAWCWPNS China Lake on May 12 was hailed by Al Wearner, Marty Krammer and Ronnie Schiller from China Lake's Survivability Division; representatives from the Boeing Company, St. Louis, Mo., and Northrop Grumman, El Segundo, Calif.; and journalists and photographers. The aircraft traveled from Boeing in St. Louis to China Lake on a 91-foot, double lowboy, flat-bed tractor-trailer.

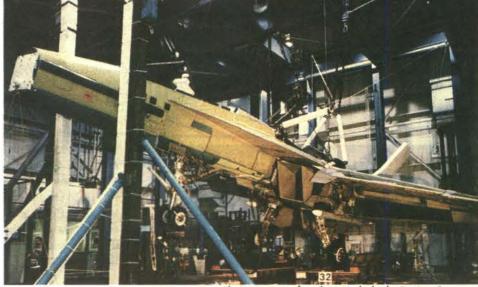
Despite El Niño's mercurial effect on weather conditions and the unpredictable hazards of traffic, the F/A-18E's ground trek was without mishap and a day ahead

Boeing and Northrop Grumman representatives were on hand to assist



Survivability Division personnel in offloading the F/A-18E and in performing a thorough inspection of the aircraft and other deliverable "ship" items. According to Marty Krammer, once the inspection was completed, "the Navy officially accepted the F/A-18E as delivered by the Boeing Company." This particular F/A-18E is the third engineering and manufacturing development (EMD) airframe.

The aircraft's journey to China Lake is one more step toward ensuring that the F/A-18E/F will be the most survivable and effective aircraft in the Navy's inventory. The current configuration of the airframe, designated SV52 by the aircraft manufacturer, has had a rough but rewarding life since it was first designated DT50, which identified it as a drop test article. After drop tests were completed at the Boeing Company facility in St. Louis, the airframe was reconfigured



DROP TEST— SV52 began "life" as DT50 and was first subjected to drop testing at the Boeing Company in St. Louis to confirm the airframe's ability to withstand landing loads

and redesignated ST56 in preparation for barricade-engagement testing at NAW-CAD Lakehurst, N.J. Upon completion of the barricade-engagement tests, the test article was cocooned inside the

Boeing plant, to re-emerge several months later as SV52, the live fire test (LFT) article.

As SV52, the aircraft will undergo the Please see SV52, Page 6

SLAM-ER man-in-the-loop DT shot scores success

By Cathy Partusch ned Aerial Vehicles Office

ornet pilots Lt. Rich "Calvin" Burr and LCdr. Wade "Torch" Knudson brought the Standoff Wade Torch Klindson Groupse (SLAM-Land Attack Missile-Extended Response (SLAM-ER) through another successful milestone on June 2 with the impressive DT/OT-1 test launch at the Land Test Range at China Lake. After release from Lt. Burr's aircraft, LCdr. Knudson controlled the missile to terminal impact. DT/OT-1 was the first of three flight tests to be



'The missile performed exactly as expected and had an impact within feet of the designated aimpoint...? -Lt. Rich Burr

conducted during the combined developmental/ operational test (DT/OT) phase of the test program.

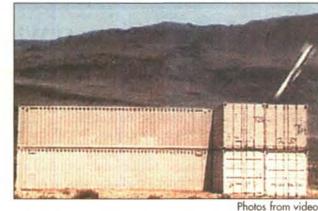
"Everything went really well," said Burr after the test. "We got the shot off right on parameters. The missile performed exactly as expected and had an impact within feet of the designated aimpoint from pre-flight planning

Both pilots are from Naval Weapons Test Squadron Point Mugu. They were

also the test pilots for the successful SLAM-ER DT phase of tests at San Nicolas Island and have alternated in the roles of shooter and controller.

"The successful completion of today's op, in conjunction with other test flights that we've flown, has continued to demonstrate that the fleet is going to get a very viable and very strong weapon," said Knudson. "The improvements that we've added to SLAM-ER demonstrate a great capability for the fleet to reach out and touch the enemy from a long ways away."

DT/OT-1 demonstrated SLAM-ER's ability to attack a land-based target of opportunity (TOO) target. SLAM-ER's TOO mode allows the launch aircraft pilot to send target coordinates to the missile on the wing of the aircraft prior to launch. After launch, the missile flies toward the target location and provides infrared seeker video back to the control aircraft for standoff, man-inthe-loop terminal control. This quick-reaction target of opportunity land attack feature of SLAM-ER can be used to redirect missions against unexpected targets such as missile launchers or against secondary targets after pri-



DT/OT-1-SLAM-ER zeroes in on the target at China Lake's SAM's Town

mary targets are destroyed.

The target for DT/OT-1 was a command bunker structure located in China Lake's "SAM's Town" target region. As the DT/OT-1 missile approached the target area, Knudson was able to locate and provide positive identification of the target using SLAM-ER's imaging infrared seeker. He then commanded the missile to attack the target aimpoint at approximately five nautical miles using a combination of SLAM-ER's Stop Motion Aimpoint Update and seeker forced-correlate track modes. Once seeker lock was obtained, the missile guid-

ed autonomously to a direct hit on the target

The SLAM-ER, F/A-18 Operational Flight Program 13C and AWW-13 data link pod systems performed as expected in all areas, including aircraft separation, wing deployment, engine start, midcourse GPS/INS navigation, aerodynamic performance, terminal guidance, and data link communication.



'The improvements that we've added to SLAM-ER demonstrate a great capability for the fleet to reach out and touch the enemy from a long ways away. ? -LCdr. Wade Knudson





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and the second	Mon	83	55	27	39-15%
Charles and the second	Tues	84	50	30	58-14%

China Lake Calendar

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

Thursday, June 11

•NAWS change of command ceremony, Wreck Center, 10:30 a.m. Everyone is welcome to attend.

Sunday, June 14

•Flag Day ceremony at Elks Lodge, 3 p.m., 201 E. Church Street, Ridgecrest.

Monday, June 22

•Fellows Award ceremony, 1 p.m., Michelson Lab.

Thursday, June 25

• Farewell barbecue roast for Sterling Haaland, Barefoot Bar, 5:30 p.m.

THE ROCKETEER

RAdm. Rand H. Fisher NAWCWPNS Commander

Barry McDonald

Editor

Capt. John D. Langford NAWS Commanding Officer

Steven F. Boster Public Affairs Officer

> Kathi Ramont Associate Editor

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Editorial deadline: 4 p.m., Wednesday of non-flex weeks. This deadline also applies to submittals for the NAWCWPNS Announcement contained herein; and the PAO Info Line.

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNS, 1 Administration Circle, China Lake, CA 93555-6100; or they may be transmitted by QuickMail to Barry McDonald. (Select CL_HQ zone, NAWSSTAFF_MC mailcenter.) Fax information to 760-939-2796, or call 760-939-3354; DSN 437-2796 or 437-3354, respectively. E-mail address is barry.mcdonald@mail.chinalake.navy.mil. THE ROCKETEER office is located in the Headquarter Building, Room 1017.

Information intended for use in PAO Info Line should be sent to Joy Adams at Code 750000D, to her OuickMail address, or she may be reached at 927-3511. The Info Line email address is http://peewee.chinalake.navy.mil/~pao/infoline.html.

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Fisher says Division still has a future

Employees of NAWCWPNS learned Friday, June 5, of the progress being made in maintaining the Division as a healthy business enterprise. Keeping a commitment made to the employees early this year, Commander RAdm. Rand Fisher held a series of all-hands meetings at China Lake and Point Mugu to brief the status of many initiatives undertaken to improve the Division's financial health. The essential message sent by Fisher was one of progress:

·Progress toward reducing overhead expenses,

- •Progress toward meeting manpower goals set and,
- •Progress toward finding and exploiting new business.

During three sessions at China Lake and two at Point Mugu. Fisher, joined by Dr. Karen Higgins, the new Weapons Division executive director, stressed that NAWCWPNS is still a "billion dollar a year business" with a future.

The commander used this forum to again share the new vision. mission and values statements adopted this spring by the Division Resource Management Board. He reinforced the message of renewed energy in these areas by offering to all employees a laminated card that presents a quick glance summary of these statements.

Fisher candidly shared the overhead spending reductions made, and the efforts at encouraging employees to take charge of their careers. He noted the trends were positive, but there would be continued pressure to meet spending targets and personnel goals through fiscal year 2000.

Higgins discussed the strategic thrusts, and business areas where the Division has talent, experience and facilities to attack new and different customers. She also discussed various efforts at seeking new partnering opportunities and new potential sponsors of work.

Copies of questions and answers raised at the all-hands meeting can be found at http://on-site.nawcwpns.navy.mil. Vision, mission and values cards are available at Public Affairs Offices at both sites.

Deploying TID photog taking requests

Dan O'Connor, a TID photographer, will be deploying on USS Abraham Lincoln in mid-June for a tour in the Persian Gulf. According to Greg Dye, head of the Photo Lab, the lab is soliciting requests for photo requirements and funding. Project managers needing ship footage should call Tim Tyson at 939-1112 before and during the two-month deployment.

Satellite Town Meeting on June 16

Today, more than ever, school safety is essential to the goal of achieving world class educational standards for our youth. The June Satellite Town Meeting will explore the research and action steps for schools, parents, students, community and business groups, and provide examples of schools where the research has really helped children feel safe. It will be held on Tuesday, June 16, 5-6 p.m., at the NAWS Training Center

The topic is "Creating a Safe, Disciplined, and Drug Free School: Turning Research into Practice." This meeting is produced in partnership with the National Alliance of Business and the Center for Workforce Preparation. Broadcast and cable partners include Discovery Communications, the Public Broadcasting System and Channel One

Local satellite viewing is provided by NAWCWPNS in association with the U.S Department of Education and the Ridgecrest Chamber of Commerce.

For more information, call Bob Peoples at 939-8120.

Obituary Al Wiruth

Alvin "Al" D. Wiruth, safety manager for the Naval Weapons Center from 1963 through 1988, died Thursday, June 4, at the Ridgecrest Regional Hospital. He was 74.

Born Feb. 26, 1924 in Cuba, Kan., Wiruth has been a local resident since 1944. He served in the Navy from 1942 to 1946 and was the merchandise manager for the local Navy Exchange from 1947 to 1963. Since his retirement, Wiruth has been an active and vital member of the NAWS China Lake Restoration Advisory Board - helping to clean up past hazardous waste sites on the Station.

Funeral services were held Wednesday at St. Ann's Catholic Church.

June 11, 1998

Pages From The Past

June 3 & 10, 1988 Capt. John Burt, NWC commander, presented Jeff Meriam, Supply Department, with the Commander's Award for Excellence in mission support for Meriam's myriad MIPIs. . . . Richard Lorraine received the Technical Director's Award for Phoenix missile teardown program. . . Cdr. George Biery, executive officer of VX-5, retired from 22-year career. . . . Bank of America to shut doors on branch office at NWC. June 2 & 9, 1978

Work started on the installation of a solar heating and cooling system at the Branch Medical and Dental clinics. Presentation of charter and installation of officers highlighted Fire Fighter's Women's Auxiliary meeting. . The prestigious Daedalian Weapons Systems Award shared by NWC and NAVAIR for Sidewinder development. . . . Cdr. John Patterson assumed post of associate department head for Anti-Surface Systems.

June 7 & 14, 1968 Linda Brehmer, Burroughs senior, received Business and Professional Women's Club scholarship. . . . Congressman E. Brown guest speaker at Officer's Club meeting of the

American Society for Public Administration. . . . Four VXofficers received awards for aerial action over Viet Nam. . New China Lake Bowl opened. It features new alleys, a pro shop, snack bar, under-

ground ball returns and an coustical ceiling.

June 13 & 20, 1958 Representatives from the State Department of Social Welfare, State Department of Education and Kern County Welfare Department meet with Station personnel to confer on Child Care Center. . . Cdr. Charles J. Beers assumed duties as officer in charge of NOTS, Pasedena.

June 2 & 9, 1948

Station congratulated by the chief of the Bureau of Ordnance on success of Michelson Lab dedication. . . Station residents invited to relax at Sandquist Spa. The spa has picnic tables, an outdoor dance pavilion, refreshment stand and outdoor fireplaces. . . . Local branch of AAUW celebrates first anniversary with banquet.

June 11, 1998



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June 11, 1998



Softball starts in August

Branch Medical Clinic's bowling team are champions in local **Captain's Cup competition**

By Michelle Archuleta

esults are in for this year's Captain's Cup Bowling League. First place went to the Med Low Rollers, one of three teams competing from the Branch Medical Clinic.

Second place went to the Personnel Support Detachment's Tazmanian's who finished three points behind the champions.

"This year's league was competitive, spir-

GRASP2 from Page 5

Netscape, etc.) and go to https://vulcan.chinalake.navy.mil/grasp/.

Type in your last name or the last name of the person most responsible for the computer that's being accredited. Always use the "Submit" button to move to the next screen. Select the correct employee name from the

ited and a lot of fun," said Lt. Reny Hernandez, bowling captain for the Rollers. "It was great testing one's bowling skills against the other command teams." However, HM2 Huben Phillips, who is the Captain's Cup representative for BMC, was heard to complained that as the season progressed, he thought his bowling score was supposed to improve, not go down.

The 1998 season was comprised of six command teams bowling over an eight-week period. Highlights of the season included HM2 Shelly Cheney, from BMC, taking the

list. Update any personnel information, par-

ticularly code, building and room number where the employee works. Enter the system identification (the barcode of the CPU) number and answer each

question. You may access the on-line "Help" feature by clicking on the small boxes with



Captain's Cup bowling champions for China Lake. Team members are (I-r) HMC Nilo Llagas, HM3 Bob Ramirez, HM2 Ronald Velasquez, HM1 Rene Amon, Lt. Reny Hernandez, MRC Christopher Olis, HM2 Zer Cha and (not pictured) HM2 Maria Gordon High Game Award and HM2 Scott

Captain's Cup softball tournament

Another Captain's Cup event, an all-day softball tournament, will be held on Saturday. Aug. 29 at Schoeffel Field.

Captain's Cup flag football

This double-elimination tournament will Schoeffel Field

A players' meeting will be held Sept. 9 at 5 p.m. at the Wreck Center. For more information on signing up for either of these

Computer Systems User Agreement form, just close the window on the form to return to GRASP2.

Do not use the web browser's "Back button, just close the window. For additional help or to ask questions

call Becky Souza at 939-2745 or David Best at 989-5432.



Lafounatine, also from BMC, winning the

the Short Strokes and Med #1. Other team

included PSD's Tazmanians, Naval Weapons

Test Squadron's Admin Warriors; and VX-

Two other teams bowling for BMC were

Current standings in the run for this year's

Captain's Cup have NAWS in first place with

185 points, VX-9 in second place with 175

points; NWTS in third place with 140 points;

The help message appears at the bottom

of your computer screen. You'll need to

scroll down each screen to be sure you

answer all questions. Always use the

"Submit" button to move to the next group of

print out the Government

and BMC in fourth place with 125 points.

High Series.

9's Vampires.

question marks inside.

questions.

If you

be held Sept. 12, and Oct. 10 and 24, at

events call 939-0754.



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Wanted - Van pool riders from Weldon to NAWS China Lake. \$80/mo. 378-3342

MEN WHO CAN'T COOK BUT WANT TO. Delicious, easy-to-prepare recipes for 2 whole meals. Proven recipes include ingredients & utensils needed and step-by-step procedures. Send \$6.00 to HWS-1, P.O. Box 512, Ridgecrest, CA 93556-0512 (TFN)

15 SERVICES/SCHOOLS

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

20 RENTALS

ool Tahoe Condo, 3 BR condo + loft, sleeps 10, 3mi to Lake/Casinos, deck with not tub & Lake view, all new furnishings. 375-4901. (6/25) 2BA, family rm + dining room, gazebo entry, basic water paid. 446-4810. (6/11)

MOBILE HOMES in the nicest park in Ridgecrest. Rent \$410 and up, sale \$17,000 and up. Spaces available \$211. Arrowhead Mobile Home Park, Monday-Thursday, 2:00-6:00pm, Friday 8:00-12:00pm, 446-2796, (TFN)

MAMMOTH AREA RENTAL: 4BR, 2BA house, available for rent, daily or weekly with maid service. Great rates 436-4870. (TFN)

DELUXE 2BR in triplex. Desirable NW location. Upstairs w/full width cov'd balcony offering pretty view. Fireplace, refrigerator, dishwasher. Garage w/opener, has washer/dryer hook-ups. Trash paid. \$425/mo. + \$425 deposit. Available 16 October 446-3076. (TFN)

Convenient to Base & Invokern Airport. Quaint guest quarters, furnished for your comfort. Low rates Daily, Weekly, Monthly. Allen's Mountain View Motel. 446-4810.

Swimming pool, tennis court, RV storage PLUS 2br mobile with laundry room PLUS 2br mobile with laundry room, storage, fenced, trees, privacy, water paid. \$250 + \$100 Deposit. Pets OK. James 375-3900 (TFN)

\$495 Cute 3 bdrm, 2 bath, garage, fenced yard, water paid, no pets. 446-4810 (5/28)

\$525 Charming 4 bdrm, 2 full baths, 1/2 acre, water paid, new carpet. No Pets. 446-4810. (6/11)

CLEAN STUDIO & 1 BEDROOM APARTMENTS starting at \$245, plus \$200 Deposit. All utilities paid, laundry on site. South Ridgecrest. 377-4627. (TFN)

25 REAL ESTATE

MOBILE HOMES for sale or rent in the nicest park in Ridgecrest. Close to base and shopping, rent \$400 and up plus utilities, sale \$29,900 and up for homes. Arrowhead, 446-2796, (TFN)

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Classifieds Get Results!

June 6

and flys CH-46s.



THE ROCKETEER

Vampire VX-9's chief operational test director, Cdr. Stewart Rivall, retires from naval service

By Kathi Ramont

C T've always had a big interest in naval aviation," said VX-9s Cdr. Stewart Rivall last week as he prepared to leave the area and head back to Minnesota. The former chief operational test director retired from the Navy after 20 years of service during a ceremony at All Faith Chapel

Rivall grew up in northern Minnesota on a small truck farm, but said he's not returning to the farm - his plans call for flying commercially. "My father was a "Hell Diver" when he was in the Navy and my grandfather flew a bi-plane, so the interest has always been there," he explained. His two brothers are also in the service --Phillip is a maintenance officer in the Navy and Paul is a captain in the Marine Corps

"You can't ask for anything better than what you've got here at China Lake," Rivall said. "The military-DoD-contractor relationship really is practiced as a team effort. Everyone else talks about it, but at China Lake you really have it. Every time VX-9 has needed something, they got it because of the close working relationship."

He also said that he really liked Ridgecrest. "I think this town has a lot of depth to it - it has a lot more going for it than shows on the surface."

Rivall entered the Navy in January 1975

as an aviation reserve officer candidate. He attended candidate school and training at Naval Air Station Pensacola, Fla., through February 1978, when he was commissioned as an ensign. He went back to Minneapolis for two months where he recruited for the Navy at his former colleges, Hibbing Community College and Stout University.

In April 1978 he reported to his first squadron, Training Squadron Three, at NAS Whiting Field where his primary job was flight training in T-34Cs. After six months he moved on to Training Squadron 26 at NAS Beeville, Texas, for basic jet training in T-2s. His next duty was with Training Squadron 25 for advanced jet training in TA-4s. He received his naval aviator designation in February 1980. Leaving Texas, his next duty was at Attack Squadron 122 NAS Lemoore, Calif., where he trained on A-7Es.

Rivall took part in two WESPAC cruises from October 1980 through July 1983 with Attack Squadron 25 and Attack Squadron 113 as a light attack pilot and landing signal officer. During July 1983 Rivall moved back to Lemoore where he was attached for the next seven years. He was an instructor pilot with Attack Squadron 122, went on an around-the-world cruise on USS Kitty Hawk with Carrier Air Wing Nine and was part of Operation Ernest Will with Attack Squadron

In 1990 he moved to Naval Air Station Fallon, Nev., as an adversary instructor pilot with Strike Fighter Squadron 127. From **MILITARY NEWS**

20 YEARS-VX-9's Cdr. Stewart Rivall shown shortly before his recent retirement.

July 1993 to October 1995 he was a member of USS Constellation out of Coronado, Calif. He went on another WESPAC and Indian Ocean cruise and participated in Operation Southern Watch.

He's spent the last three years at China Lake with VX-9 flying F/A-18s. "A great airplane," he said. "Something you wouldn't mind going to war in if you had to."

His awards include two Meritorious Service Medals, three Commendation Medals, an Achievement Medal, two Navy Expeditionary Medals, two unit medals, a National Defense Service Medal, Armed

Forces Expeditionary Medal, Southwest Asia Service Medal (bronze star), the Humanitarian Service Medal, six Sea Service Deployment Ribbons, the Expert Rifle Ribbon and the Sharpshooter Pistol Ribbon

"The Navy has been a great experience for myself and my family," he said. "My wife, Helen, and daughters, Ann and Hannah, have loved their schools and the area. We'll all miss the snow capped mountains and the 50 mile visibility. Living on base has given the kids a lot of freedom that they didn't have in larger areas."

Capt. Stan Douglass retires after today's change of command

FAREWELL—Capt. Stan Douglass, NAWS CO (left), is retiring after 24 years of military service after today's change of command ceremony. The change of command will be held at the Wreck Center at 10:30 a.m. On June 2, with the help of friends and co-workers, he celebrated his upcoming retirement at a party at the Wreck Center. Sterling Haaland, NAWCWPNS executive director, and RAdm. Rand Fisher, NAWCWPNS commander, were on hand to wish him well and to present the traditional Dust Devil and Order of the Purple Sage. In addition, Douglass received two oil paintings - the one shown in the photo by China Lake fireman Michael Farrell and another by Larry Zabel, depicting F/A-18s flying over the Sierra. More than 100 people turned out to wish the NAWS CO well on his next career in San Diego and to thank him for his leadership. Members of his staff said that Douglass was instrumental in bringing all of the NAWS departments together as a cohesive group working toward a common goal

Photo by Steve Boster, PAO

One Commendation and three Achievement medals given at quarters

from Feb. 23-28. "Wallace took responsibili-

ty for the safe and expeditious transportation

of the HH-1N wreckage from the Kern River

The CO also said Wallace secured an

extremely unstable cargo and showed skill in

transporting it down black ice covered moun-

tain roads and prevented further damage to

gold star in lieu of his second achievement

medal. He served as Line Division leading

petty officer at NWTS from January 1996 to

January 1997

"Mendoza sig-

nificantly

upgraded the

Plane Captain

Program," said

Swanson. "This

resulted in sub-

stantially

improved

recovery proce-

dures. His fore-

and

launch

AE1(AW) Jose Mendoza also received a

AD1/AW/NACI Smith

AMSAN Richards

components or injury to recovery personnel.

site to China Lake," said Swanson.

apt. Dane Swanson, Naval Weapons Test Squadron's former commanding officer, held quarters and summer white uniform inspection on May 4. Three Navy and Marine Corps Achievement Medals and one Navy and Marine Corps Commendation Medal were presented.

A gold star in lieu of a second award of the Navy and Marine Corps Achievement Medal was presented to AD1(AW/NAC) Brian L. Smith. "Smith served as emergency reclamation and salvage team leader for the squadron during the incident in February," said Swanson. Smith was in charge of the disassembly and removal of wreckage of the HH-1N from the Kern River crash site. "His knowledge of rappelling equipment and cargo transportation via rope and pulley systems was indispensable in the removal of the wreckage by manual methods," said Swanson

AMH2 Dennis R. Wallace received a gold star in lieu of his second Navy and Marine corps Achievement Medal for professional achievement while serving as an emergency reclamation and salvage team member





Lt. Emswile

Street lighting out in some housing areas

Street lighting at the east end of Kearsarge, and along Blueridge, south of Kearsarge, and a portion of Inyokern Road will be off for a few weeks. This system is affected by removal of Nimitz and Kelly

Roads, and the old above ground electrical distribution. Lighting will be restored when the new park's underground electrical system is installed. For further information, please contact David Orland at 939-0006

Branch Medical Clinic celebrates 100th Birthday of Hospital Corps

Branch Medical Clinic closes for the day at 10:30 a.m. on June 17 for the celebration of the 100th Birthday of the Hospital Corps. Only active duty emergency walk-ins will be seen. The phar-

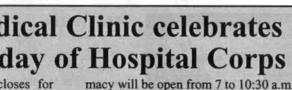
aplain Patrick J. McCormick, LCdr., CHC, USN

Chaplain C. Allan Ford, Lt., CHC, USNR

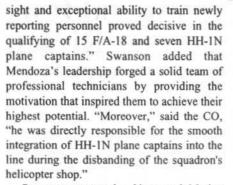
Chaplain Donald R. Moss, Lt., CHC, USN

Lisa Rosenberg, student rabbi Office Hours: Mon.-Fri., 7:30 a.m. to 4:30 p.m.

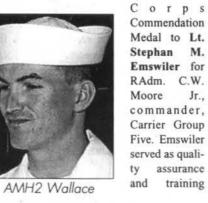
939-3506 · 939-2773 · 939-2873



Former corpsmen should contact HM3 Tara Cox at 939-8030, or HN Thor Westby at 939-1973 to reserve a seat for the ceremony



Swanson presented a Navy and Marine



Jr.



AMS3 Burke

FSC

Happenings classes

All classes will be held at the Family Service Center, 610 Blandy Ave., unless otherwise stated. They are open to military members and their families. DoD civilians are on a space-available basis.

June 15, 5:30-7:30 p.m. Colombo Conquers Conflict and Anger. Call Ken at 939-3743 to register. Military and family

members only. June 16, 1-3 p.m. Sponsorship Training. Call 927-3786 to register.

June 17, 1-3 p.m. Spouse Employment



Assistance Program. Call 939-0966.

June 22-23, 5-8 p.m. High Desert Living. New to China Lake? FSC is hosting gettogethers each month. This month's theme is basketweaving. Everyone will make a reed basket. Cost is \$18 and payable on the first night to the instructor. Open to military and spouses. Registration is required. Call 927-3786 no later than 4:30 p.m. on June 17.

June 23, 3-4 p.m. Art of Money Management. Military and family members only. Call 939-1018 to register.

officer in Strike Fighter Squadron 192 from July 1995 to June 1997. "While deployed to the Western Pacific

Ocean and Arabian Gulf," read the CO from the citation, "Emswiler performed his demanding duties in an exemplary and highly professional manner."

Dust Devils

Senior Dust Devil of the Ouarter is AD1(AW/NAC) Brian L. Smith.

Junior Dust Devil of the Month for January and for first guarter 1998 is AMS3 Aaron M. Burke. Junior Dust Devil of the Month for March is AE3 Andrew K. Shannon; and for April, ADAN Jerilynn B. Dovle.

Plane Captains

Plane Captain of the Month for March is AMSAN Ryan S. Richards.

ADAA Sandra Castro and AEAA Brian A. Smith have qualified as F/A-18 Plane Captains

Recognition

Letters of commendation were received by AE2 Robert P. Scusa and AD2 **Christopher Padilla**

pass.

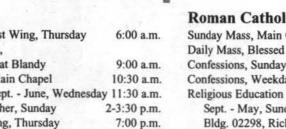
Let's Get Personal

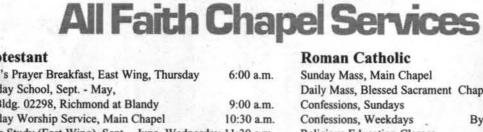
New! Century Club



Protestant Men's Prayer Breakfast, East Wing, Thursday 6:00 a.m Sunday School, Sept. - May, Bldg. 02298, Richmond at Blandy 9:00 a.m.

Roman Catholic Sunday Mass, Main Chapel 9:00 a.m. Daily Mass, Blessed Sacrament Chapel 11:35 a.m. Confessions, Sundays 8-8:30 a.m. By appointment Confessions, Weekdays Religious Education Classes, Sept. - May, Sunday, Bldg. 02298, Richmond at Blandy 10:30 a.m. Islamic Jumaa Prayer, Friday Bldg. 02298, Richmond at Blandy 1 p.m. Equipment for the hearing impaired and nursery are available





Sunday Worship Service, Main Chapel	10:30 a.m.
Bible Study (East Wing), Sept June, Wed	nesday 11:30 a.m.
outh Ministry, 1907 Mitscher, Sunday	2-3:30 p.m.
Adult Bible Study, East Wing, Thursday	7:00 p.m.
lewish (371-9478 Messages)	
Weekly Services, Friday, Small Chapel	7:30 p.m.
lebrew Classes, Oct June, Saturday,	
Bldg. 02298, Richmond at Blandy	2-5 p.m.
teligious School, Sept June, Sunday,	
Bldg. 02298, Richmond at Blandy	8:30-10:30 a.m.



SPORTS

Coed Jr. Tennis Camp

Now accepting registration for the China Lake Junior Ten-nis Camp scheduled June 15-19, 8:00 a.m.-12:00 p.m. at the King Street Tennis courts. For all players ages 8-17. Camp Director Ed Wagner teaches fundamentals of stroke development, strategy and FUN. One week camp fee: Mili-tary \$40 and DoD/Community \$50. Call 939-2334.

Wanted! People Who **Can't Play**

You CAN play even if you have never skated! Now's the time to learn hockey. Clinic covers all fundamentals of hockey and skating. Classes: Mondays, June 15-July 20 at the Outdoor Skating Rink, 7-9 p.m. Fees: Military-FREE, DoD-\$7.00, Community-\$8.00. For Adults only. Gear Rental Extra. Call 939-8336 today!

Make it a Family Affair!

Enjoy the NEW water slide, swimming and family games every Thursday at the Community Pool from 7:00-9:00 p.m. Free grill use. Pay daily pool fee or use your pool

Aquacise

Tone and develop your flexibility. Shallow and deep wa-ter workouts are Monday-Friday, 9:00 a.m.-10:00 a.m. or 11:30 a.m.-12:30 a.m. at the Indoor Pool. Evening classes at Solar Pool through August 21. FREE for Sports & Fitness Complex members.

Have a certified personal trainer write a exercise prescription just for you at the Sports & Fitness complex. By ap-pointment only. Hourly fees: Military-\$13, DoD-\$19 and Community-\$25. What a savings compared to fitness club fees for same personal service.

Join the newest fitness club at China Lake! Program runs from June 1-September 26. Tell Sports staff your run, bike, swim distance, and/or weight room time, and we track it for you. Running/Jogging distances accumulated in the Loft area can be used for this program. If you meet minimum goals you receive a specially designed workout tshirt. Sign-up during normal business hours at the Sports & Fitness Complex. Call 939-2841 or 939-6542.

> TRAIN NOW FOR UPCOMING TRIATHLON! Saturday, September 26, 7:00 a.m.

Comedy Central

• Wreck Center, 8:30 p.m. June 19, August 15, September 18
Tickets available at Wreck Center Adult Comedy

Did you know?

Family Service Center offers ongoing programs such as Fresh Start[™] nonsmoking program, resume' writing, Champus/Tricare briefs, communications skill courses, spousal employment assistance, desert living get togethers, money management, women's & men's support groups, computer lab, tax help and more. Call 939-0966.

Auto Repairs Made Easy

· Great savings are in-store for your future. During the month of July, Auto Hobby is taking 25% off paint booth fees so that your car is as beautiful as the summer weather.

· Need to rotate your tires or give your newly painted car a oil change? Auto Hobby has a lift to meet your needs! AUTO HOBBY NOW OPEN TO GENERAL PUBLIC!

Hey Teens! Wanna Party?

It's a block party/BBQ at Castle X on June 18 from 7:00-10:00 p.m. Music, dancing, laser water games, great food, and fun abound. Open to all 12-17 year olds. Bring your music, friends and ideas for summer fun. Hurry and signup before June 12. Fees: Military-\$4 and all others, \$5. Call 939-6884.

L.I.B.E.R.T.Y. Happenings

Single Military Programs • 927-4386 MAGIC MOUNTAIN

· Saturday, August 1

Sign-up by July 22

· Leave CBQ 7:30 a.m.

• \$30 per person

WEEKEND IN

· Cost determined

• Sign-up by July 31

by number of sign ups

· Golfing, fishing, hiking

· Price depends on food

· Carpool up on July 13

MAMMOTH

and biking

WHITNEY

August 14

HIKE MOUNT

and rentals/gear

Sign-up by July 31

August 8-9

- WHITE WATER
- **RAFTING ON**
- KERN RIVER
- July 11 · Cost per person varies
- Sign-up by July 2 Leave CBQ 8:30 a.m.
- UNIVERSAL STUDIOS
- UNIVERSAL CITY
- Sunday, July 19
- \$35 per person
- Sign-up by July 10 • Leave CBQ 7:00 a.m.

BACKPACKING

- July 24-26 · Equipment Rental Available
- Sign-up by July 10
- · Location to be announce
- •Military \$5 •DoD \$7
- Community \$9

4th of July Family Frolics

Enjoy a family day of music, food, games & swimming from 1:00 p.m.-7:00 p.m. at the Communit Pool. Door prizes and games every hour. Barbecue grill is free until Pay daily fee or use your pool pass. Military FREE. Call 939-2334.



September 19 FREE ADMISSION

7:30 p.m. NAWS Auditorium Tickets available at Wreck Center after September 1.



MAVERICK'S July 5 Hard Ball Cafe Maverick's Baseball Stadium Fee for transportation and food For Adults Military-\$15 DoD-\$17

HURRICANE HARBOR July 22 August 24 Price for ticket and transportation. Bring spending money. For Adults. Military-\$20 DoD-\$23

MEDIEVAL TIMES August 13

Leave-Noon Price includes transportation, dinner, beverages and show. For Adults. Military-\$34 DoD-\$36

Sign-up at Wreck Center ITT no later than 7 days prior to trip. Call 939-8660.

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ET&T from Page 7

doing," comments Jutzi.

Demonstrating embedded training technology

A third goal of the thrust is to demonstrate key technologies for embedded training. This is being accomplished through discretionary-funded projects selected by the thrust leadership.

Maj. Mark Price heads up one of these projects, the Embedded EW Aircrew Training System. "We're demonstrating NAWCWPNS' capability to use data from the 1553 EW data bus for postflight analysis and for graphic depiction of the flight," explains Price.

His technical crew of Rick Tyhurst and Joe Burriesce have developed a PC-hosted software program that takes its inputs from a data-bus recorder onboard the F/A-18. The program converts the raw data, which represents virtually all the EW activity onboard the aircraft, to a visual display that the aircrew can play back after a mission to analyze their performance.

"We demonstrated this to the TACAIR EW Operational Advisory Group (OAG) and to the Tactical Aircraft Mission Planning System (TAMPS) OAG. It was very favorably received," notes Price. Later this year his team will demonstrate the prototype EW training system to PMAs 248 and 233.

Price says that aside from a few weeks each year at the highly instrumented ranges, such as Tactical Aircrew Combat Training System (TACTS) range at Fallon, fleet aircrews have limited tools available for the kind of post-flight analysis that is essential to effective training. "For most of the year, when they

are at their home station or deployed, they only have video recordings of displays, like the Head-Up Display, and handwritten notes," he explains

"The amount of fleet training flight hours is going down because of decreasing budgets. So the quality of that training has to go up to maintain readiness," says Price. He believes that a system using 1553 data-bus traffic for post-flight analysis will be incorporated in the Joint Tactical Combat Training System (JTCTS), the system that will eventually replace the TACTS. Fitting into the big picture

Another element of the Embedded Test and Training Strategic Thrust is the Airborne Embedded Test and Training (AET&T) Technical Demonstration. NAWCWPNS currently has a \$5 million proposal with the Office of the Secretary of Defense to carry out this project. The goal is a unique testing and training system for the airborne warfighter that will create a realistic, densely populated electronic threat environment composed of real and virtual targets.

AET&T capabilities will be compatible with Battle Force Tactical Training (BFTT), a program sponsored by the chief of naval operations. BFTT will give battle group and battle force commanders the ability to conduct coordinated, realistic, highstress, interactive combat system training. Together, BFTT and JTCTS will provide a comprehensive underway training capability for ships, submarines and aircraft,

The NAWCWPNS AET&T proposal calls for two fleet-

demonstration installations on F/A-18s. Following independent evaluation of the systems by VX-9, the new test-and-training tool will be sent to operational forces in the field.

Looking ahead

Achieving the near-term goals of the Embedded Test and Training Strategic Thrust will put NAWCWPNS well on the way to attaining the thrust's long-term objectives. Those are to closely align NAWCWPNS with other military and civilian organizations in the embedded-training community and to develop comprehensive embedded-training expertise within the Division. Success in these efforts will establish NAWCWPNS as a credible source for systems engineering, development and integration of embedded training capabilities in naval air warfare systems.

"Embedded training offers new opportunities for business as well as new technical challenges," observes Smiley. "Together with NAWCTSD and our other military partners, and with the help of industry, we will ensure that our warfighters take to the field with the best and most affordable training capabilities possible."

Editor's note: This is the fifth in a series of articles on NAWCWPNS' seven Strategic Thrusts. Additional information on the thrusts, including extensive bibliographies, is available from the Technical Library. Call 939-3380.

begins at WD in July **Deployment of new common e-mail system**

In July, the NT/Exchange Project team will begin deploying 200 NAWCWPNS e-mail users a week to Microsoft (MS) Exchange. Full deployment is expected in March 1999. Outlook and Exchange 5.0 are the client-user interfaces for MS Exchange, which is the server application that will replace the myriad e-mail systems (TeamLinks, Banyan, cc:mail, QuickMail) currently in operation at NAWCWPNS. A phased approach is being taken to help ensure that the users at NAW-CWPNS experience an efficient transition to their new e-mail

MS Exchange was chosen as the e-mail solution for the Naval Air Systems Command TEAM by the national e-mail team, which is made up of representatives from the major NAVAIR field activities. The team's goals are to implement a standard e-mail product that provides efficient, reliable service to NAVAIR e-mail users; operates with the Defense Messaging System (DMS), which is scheduled to replace AUTODIN in fiscal 2000: and lowers the cost of ownership by reducing the diversity of existing systems and centralizing operations.

Currently, TEAM employees are testing MS Exchange and Outlook in operational network environments at Patuxent River and St. Inigoes, Md.; Cherry Point, N.C.; Point Mugu, China Lake and North Island; and Jacksonville, Fla. The testing is being conducted using a full spectrum of computer platforms. operating systems and protocols deployed at the sites. The goal of the testing is to ensure that when MS Exchange and Outlook are deployed to a site, all current and proposed applications work properly

NAWCWPNS has 180 employees participating in the TEAM testing. The Outlook client has been installed on PCs running NT and Windows 95 and on Power Macs. Exchange 5.0 client has been installed on older PCs and Macs. Most users installed their own client software using the instructions posted on the Exchange web site. Included with the installation instructions are descriptions of the minimum computer configurations that are able to run Exchange mail. The test phase is drawing to a close and no further Exchange accounts will be issued until July, when production users will be added to the system.

The NAWCWPNS Exchange e-mail team is a subset of the national e-mail team. The NAWCWPNS team is made up of two project managers and representatives from each Level 1 competency. The team members are include:

Charles Ferguson, project manager-technical, 53D200E, 805-989-5364

Chris Lucas, project manager-programmatic, 729100E, 805-989-8952

Bob Freise, 2.0 Competency representative, contractor, 939-0515:

Lily Gonzalez, 3.0 Competency representative, 3C0000E, 805-484-6710

Ira Malarowitz, 4.0E Competency representative, 45D000E, 805-989-4667

Liz Cole, 4.0D Competency representative, 471K00D, 939-3670:

Charles Ferguson, 5.0E Competency representative, 53D200E, 805-989-5364;

Bret Jacobson, 5.0D Competency representative, 52D100D, 939-9312:

Mike Benson, 7.0 Competency representative, 742000D, 939-2734:

Susie Banks, 8.0D Competency representative, 84D000D, 939-3224; and

Russ Carpenter, 8.0E Competency representative, contractor, 989-0264

If you are an e-mail or network administrator, please contact your competency representative on the NAWCWPNS Exchange e-mail team. The team is gathering data that will be used to determine the schedule for migrating users to Exchange and retiring the old mail systems.

Additional articles will be appearing in The Rocketeer as the project progresses and briefs to the network administrators are planned. More information about the project and the Exchange product is available at the Exchange web site: voltar.mugu.navy.mil/exchange.

CFC announces poster contest for '98-99 drive

School age children, grades K-12, of federal employees are invited to participate in a poster contest depicting this year's Combined Federal Campaign theme — "The Gift of Giving."

The Combined Federal Campaign has a long tradition of commitment to the community. Each year, federal employees give to hundreds of worthy causes through this one combined campaign.

"This is a great opportunity for parents and grandparents to share the idea that individuals can make a difference in our world through volunteering, sharing and caring," said Helen Cropper, a member of the Federal Coordinating Committee. "Encourage your children to let their imagination run free. The gift of giving is the gift we give ourselves when we care for our community.

Three designs will be selected for the 1998-1999 CFC campaign brochures and publicity posters. Awards will be presented at the CFC Kick-Off Event on Oct. 1. Winning posters will be displayed throughout local federal agencies (NAWCWPNS, FAA, BLM and the local Post Office). All participants will be acknowledged.

Designs may be formatted vertically or horizontally on 8" x 11" paper. They may be prepared in pen and ink, pencil, crayon, water color, poster paint or oil. No computer graphics please.

Please return entries to competency CFC representatives by June 30. They are: 2.0. Timi Fowler, 927-3196; 5.0, Randi Clark, 939-4803 or Shelly Fulton, 939-4603; 7.0, Cindy Klassen, 939-4676; 4.0. Susan Bethke, 927-1422; 8.0. Trudi Ihle, 939-3412.

For tenant activities, please give poster to Lt. Judd Gilpin, 939-4085; or Ens. Derek Fagen, 939-5275

Other local federal agencies and their representatives are the U.S. Post Office. Gil Barker. 375-8488: BLM, Patsy Eisenhauer, 384-5411: and FAA, Dave Garboni, 377-4206.

All poster designs must have the following information on the reverse side: Contestant's name, school and grade level, parent's name, parent's employing agency and code and parent's work number. All entries become the property of the Local Federal Coordinating Committee

Government auction set for June 23

Office at China Lake on Tuesday, June 23.

Fax bids and bids dropped off at the sale site will be accepted until 9 a.m., June 23. All bids after 9 p.m. will be considered non-responsive.

The items will be on display for inspection June 18, 19 and 22 from 7:30 a.m. to 3 p.m., and on June 23 from 7:30 to 9:30 a.m. A complete list, as well as sales terms and onditions can be seen at the DRMO in Building 1073.

Catalogs are available either by fax at 760-939-0162 or on the Internet at www.drms.dla.mil. Click on Public Sales; then catalogs; then store locations. Scroll to the desired site location and print a catalog from the official catalog column.

Among the 200 plus items to be offered will be household refrigerators and gas nges, gym lockers, file cabinets, pickup trucks, hot air balloons, brake shoe grinder, valve grinder, air compressor, exercise machines, oscilloscopes, Mac II computers, Apple rinters and monitors.

Registration for this sale will begin June 18 and continue until the last item is sold. Mailed bids will not be accepted. Items purchased may be removed on the sale date provided full payment is made. Deposits are not required.

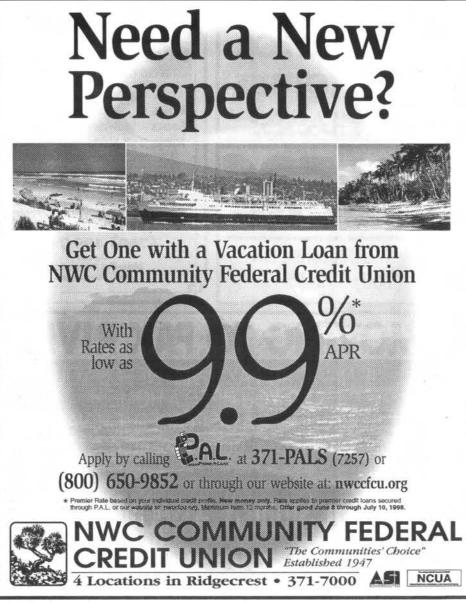
Payment must be in cash or a guaranteed instrument, i.e. cashiers check, travelers heck or money order. Visa and Mastercard will also be accepted.

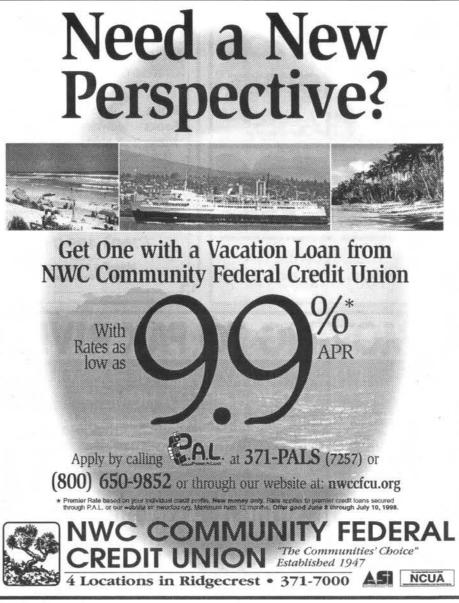
Purchasers will have until July 1 to pay for and remove items.

Because the DRMO is located within the Naval Air Weapons Station's interior secuty fence line, prospective bidders must stop at the Main Gate Visitors Center and obtain pass before coming aboard.

For further details, contact Phyllis at the DRMO, Building 1073, 939-2502/2538.







Local Auction 44-8505 will be conducted by the Defense Reutilization and Marketing

June 11, 1998



By LCdr. Patrick McCormick

oday, here at the Naval Air Weapons Station China Lake, we will once again witness the military's change of com-

In a brief military ritual, responsibility for commanding the Naval Air Weapons Station will pass from Capt. Stan Douglass to Capt. John Langford, and along with that responsibility the authority necessary to fulfill the office of commanding officer.

The responsibility and authority in our democracy are given by the people to individuals for specified periods of time with delineated areas of responsibility.

There probably are few moments in which we Americans pride our way of democratic life more than in its rituals of change of com-

In the "big one," every four years or eight two men, who may have been locked in mortal political struggle, stand next to each other and, at the prescribed moment set by our Constitution, one man ceases to hold authority and another man designated by the people is given the responsibility of the highest office with its commensurate authority for yet another four years.

It is the strength of a true democracy that offices of responsibility and authority are held in trust for all the people by designated indi-



viduals without ever becoming the possession of those who exercise them. Every person who has authority in our democratic system is reminded by the ceremony of inauguration that they are designed above all to serve the rest in a special way for a period of time.

And so today we bid farewell to our outgoing commanding officer and thank him for serving well his nation and those under him in this command

We extend our congratulations and prayerful best wishes to our new commanding officer for the office he undertakes for the good of our nation's defense and the well-being of those under his authority.

It is always a proud moment for us Americans when responsibility and authority is passed from one person to another according to the laws and traditions of our democratic republic. Few peoples in this world do it so automatically as we do here in the United States.

May we always give genuine thanks to our fellow citizens who accept these offices and fulfill them generously and well, and may we always support our fellow Americans presently in these offices of special responsibility and authority

May God truly bless all of us through them.

Computer accreditation is on line

he Group Risk Analysis Support Program (GRASP), the NAVAIRsponsored, computer-assisted accreditation tool in use since 1994, has been completely reengineered. Thanks to an outstanding effort by developers, the assistance of information systems security coordinators and officers (ISSCs/ISSOs) in beta testing, and management support, GRASP2 is on line and ready to be used.

It has several improvements. First, it uses web technology, so users only have to log on to the Internet to complete their portion of a computer accreditation. Second. GRASP2 is much easier to use and it only takes about five minutes to complete the portion of the accreditation process for a computer processing sensitive-but-unclassified data. A computer that processes classified data will take just a few minutes longer. In fact, GRASP2 asks for 60 percent less information than the previous version. Another change is that the user only has to type in the CPU barcode, because GRASP2 doesn't collect any information about hardware peripherals. Users may also use a hyperlink connection to take the on-line computer security awareness training for which employees receive one hour of training credit. The on-line training should be completed once each calendar year.

Department ISSCs have access to several reporting features as well. Using a weighted system to rank security-related questions, GRASP2 will automatically tell the ISSC whether a group of computers meets accreditation requirements, whether it only merits an interim authority to operate status, or if it fails completely. If the group merits less than a full accreditation, the ISSC will be told exactly

why and will have the option of explaining mitigating circumstances that may still allow a full accreditation. The accreditation letter request will be part of the on-line process.

Eventually there will be a link between GRASP2 and the Weapons Division Property System (WDPS) property management database so the user will be able to double check the documented location of the CPU. If the location information must be changed, the user will contact the code's plant property contact who's authorized to make changes to the WDPS database.

Most ISSCs have already used GRASP2, and feedback has been very positive. Every effort has been made to create a product that will help ensure the accreditation process is straightforward and user-friendly. At the same time. GRASP2 will be a useful tool to the ISSCs and the Information Systems Security Office

Every government-owned computer must be accredited, and all civilian employees, active-duty military and contractor personnel who use a computer connected to the Internet can easily support the Department of the Navy's accreditation requirement. Computers that do not have Internet connectivity must be accredited, too; ask your department ISSC or ISSO for assistance. Both China Lake and Point Mugu sites are scheduled to have a triennial inspector general audit in January 1999 and will be expected to have all computers fully accredited by then. To accredit your computer, follow these directions:

Use a computer that's connected to the Internet (preferably the system being accredited), open the web browser (Explorer, Please see GRASP2, Page 14

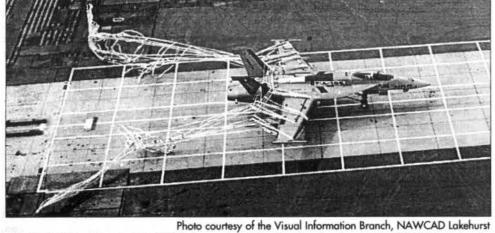


375-4481

SV52 from Page

final round of a lengthy and complex live fire test and evaluation (LFT&E) program designed to ensure the F/A-18E/F's combat survivability. In accordance with LFT&E legislation, SV52 is scheduled to undergo testing at the Weapons Survivability Lab (WSL) beginning this month. This final round of comprehensive tests will include testing of the air-

craft's tail section components, wing and fuselage. Tests will focus on meeting two primary objectives: (1) to validate the results of previous testing of surrogate aircraft, subsystems and small- and large-scale components, and (2) to investigate the effects of ballistic impact on systems and components of the F/A-18E/F that differ significantly from the previously tested



GOTCHA! —Test Article ST56 is captured by the barricade at NAWCAD Lakehurst.

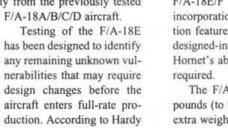
IEEE sets brown-bag talks at Conference Center

On the next two Wednesdays the Institute of Electrical and Electronics Engineers (IEEE) will present brown-bag talks at 11:30 a.m. in the Sierra Room of the Conference Center at King Street and Lauritsen Road.

Howard McCauley, DAMASK technical direction agent, presents "An Overview of the Direct Attack Munition Affordable Seeker (DAMASK) ATD Program," June 17. DAMASK is expected to improve pilot survivability by integrating a low-cost infrared imaging seeker and new guidance on the Joint Direct Attack Munition

"USS Stark (FFG-31) Lessons Learned and Relearned" by Don Blake, director of the Evolved SeaSparrow Missile Project, is the topic of the second talk, June 24. Blake will discuss the attack of Stark by two Exocet missiles ten years ago. Intense fires resulted following the attack, and several changes in equipment and firefighting doctrine were recommended and implemented from the lessons learned.

Please remember to bring your own brown-bag lunch. Contact Bob McGahern at 939-1443 for additional information



Tyson of the Survivability

of live fire testing for the F/A-18E/F program."

The F/A-18E/F aircraft is

nearly 25 percent larger than the C/D variant. Despite its larger size (resulting from an increased wingspan and longer fuselage that increase the aircraft's overall surface area), the vulnerable area of the F/A-18F/F aircraft has not increased over that of the current F/A-18C/D aircraft; this improvement in F/A-18E/F vulnerability has been accomplished through the incorporation and further enhancement of vulnerability-reduction features found in the F/A-18C/D. Additionally, the E/F's designed-in electrical power and cooling margins extend the Hornet's ability to accommodate technology advancements as

The F/A-18E's recovery payload has increased by 3,500 pounds (to 9,000 total pounds) over that of the F/A-18C. This extra weight margin allows the F/A-18E to land back on board the carrier with larger numbers of either training ordnance or high-value "smart" weapons. Although specifics vary depending on the mission scenario, the range and endurance of the "bigger and better" F/A-18E/F have increased significantly over those of the F/A-18C/D across the warfighting spectrum.

After completion of LFT&E, results will be reported to Congress, fulfilling the requirements of the LFT&E law allowing the aircraft to go into full-rate production. LFT results will also be incorporated into updates of vulnerability assessments of the aircraft.

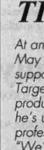


× Gifts _



Examples given included the Evolved Sea Sparrow Missile (ESSM) cost and operational effectiveness analysis, the LPD-17 cost and operational effectiveness analysis, the next generation ship self defense study, and the ESSM/RAM tradeoff study.

"Your development of low altitude guidance algorithms and auto pilot guid-









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Division, who is the LFT engineer, "We've been conducting live fire tests under the alternative Live Fire Test Plan since 1993. The SV52 tests will be the culmination

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According to his nomination, Nelepovitz is depended upon to validate performance predictions and technical approaches advocated by the prime contractors and the sponsors. "He's regularly tasked by those levels to lead extremely important studies and to develop position white papers on critical performance issues," wrote Janiec.

Curt Schneider

ance algorithms provided significant improvements to the RIM-7P's (Sea Sparrow) performance against low-flying maneuvering anti-ship missiles," explained Haaland as he presented the R&E competency award to Curt Schneider

He went on to explain that these algorithms have been adapted and form the basis for the analogous ESSM guidance and control software. As a result of this work, a major technical contribution to the next product improvement program was made.

Janiec also nominated Schneider for the Research and Engineering E Excellence Award. He explained in the nomination letter that Schneider is recognized as a major technical contributor by

the NATO Sea Sparrow Program Office and was recently asked to present his work to the senior management team at the program office.

He also is a primary technical expert in development and analysis of the ESSM cost and operational effectiveness and missile analysis.

"He was instrumental in the review of this work and received the endorsement of the program office, Naval Surface Warfare Center Dahlgren and Johns Hopkins University and Applied Physics Laboratory during the extensive review of the methodology and execution of the missile performance studies," wrote Janiec.

During this effort, Schneider was able to modify and correct the Applied Physics Laboratory target models, resulting in a new set of target models, which are now used as the standard in the community

He is also working closely with the contractor Lockheed Martin integrating the ESSM missile into the surface-to-air area defense system weapons system.

Schneider also lead an effort to respond to a Fifth Fleet request to provide performance envelopes for new missile threats in the Persian Gulf.

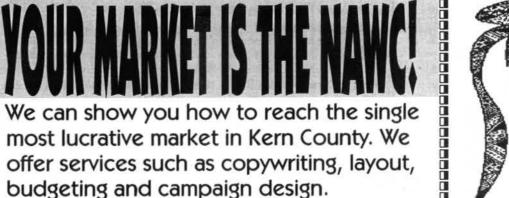
"We just successfully completed test flights for the RIM-7P++ which incorporated my low-altitude guidance improvements," said Schneider recently, "It worked - six successful flights."

TID receives kudos in form of R&E Competency Award

At an all-hands meeting for members of the Technical Information Division on May 20, Sterling Haaland and Karen Higgins recognized TID personnel for their support as part of the Research and Engineering Competency and the Weapons Targets Division. "Things have changed a lot around us, but the quality of the products this group has produced remains excellent," said Haaland. He said he's used TID support for "going on 30 years." Higgins praised TID's professionalism, skill level and willingness to respond to the customer quickly. "We've gotten so many kudos," she said. Haaland presented TID head Jim Koch

with a Research and Engineering Competency Award for the entire group. He also gave Koch, who owns a Harley, a stuffed pig dressed in a black leather biker jacket and sporting a beer cap on its sleeve. Each member of TID received a letter of appreciation signed by Haaland and a certificate signed by Higgins. TID moved from Research and Engineering to Corporate Operations on March 29 and is now part of the Information Management Department, headed by Jay Crawford. Crawford was also on hand for the meeting and stood atop a ladder to take the group photo.





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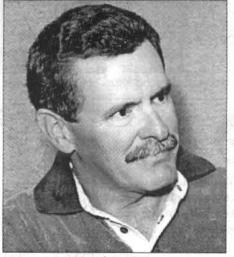
Oster, Leverett, Nelepovitz and Schneider receive awards for excellence

ach competency has its own award E to honor outstanding personnel and recently Sterling Haaland, director of the Research and Engineering Competency, presented the R&E Excellence Award to several R&E employees. The Excellence Award recognizes civilian and military employees for specific outstanding achievements that clearly support the R&E and NAW-CWPNS initiatives, goals and objectives.

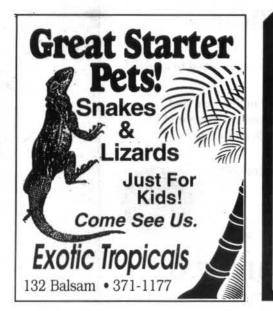
David A. Oster

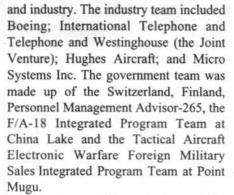
As the F/A-18 WSSA foreign military sales case manager for Finland, Dave Oster was honored for his outstanding accomplishments and contributions to the F/A-18 program and the integration of the Airborne Self Protect Jammer (ASPJ) system into Finland's aircraft. "You are also commended for your contributions to the Switzerland program," said Haaland at the ceremony. "These two major programs have been vital to the success of the F/A-18 WSSA IPT. Your support of the Finland foreign military sales case and ASPJ have been marked by dedicated leadership, innovation and tenacity. Your focus on customer support crossed country barriers of both Finland and Switzerland and you've set the stage for enhanced support for all our customers from Australia to Thailand."

According to his nomination by Darrell Maxwell, through Oster's leadership, his program was highlighted by excellent teaming between governments



David A. Oster





"The successful conclusion of the effort gives both countries state-of-the art airborn electronic warfare capabilities well into the 21st century," explained Maxwell. "Dave has provided the leadership to the Finland program on flight testing, system integration and program management to make this effort an unqualified success."

William J. Leverett

"Under your leadership," said Haaland at the presentation of the R&E Excellence Award to Bill Leverett, "this program has provided China Lake and Point Mugu a combined work effort that exceeded \$21 million. Through your innovations and sound engineering, you cut costs by \$5 million that was returned to the customer." Leverett has served as the case manager for the government of Switzerland

He manages the technical details of the system configuration sets. "These were delivered within cost, schedule and they met performance criteria," said



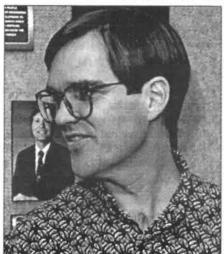
William I. Leverett



Haaland. Within the numerous software and hardware configuration items, explained Haaland, the most notable unique sub systems are the Swiss airborne self protection jammer, AIM-9P, advanced medium-range air-to-air missile (AMRAAM), Airborne countermeasures receiver (ALR-67), ALE-47 and coupled ILS.

The Swiss, who brought their own F/A-18s to China Lake, flew more than 150 flights at NAWCWPNS. This accounted for more than 400 flight hours, including chase aircraft. The efforts included engineering support, flight test support, laboratory support, data reduction and logistics. "Through Bill's close working relation with the Swiss," wrote Maxwell in the nomination, "he has brought new types of work to the Weapons Division. The Swiss conducted the full range of weapons separation for the AMRAAM from the Swiss unique low drag pylon." Leverett is responsible for a new drone launch clearance capability that will enhance the products NAWCWPNS and the Targets Department will be able to offer customers.

Maxwell also wrote that Leverett has provided the leadership to the Swiss program on flight testing, system integration and program management to make this effort an unqualified success. "His foresight prevented many problems from arising or added lead time to work innovation solutions," wrote Maxwell. "His



integrity and personal dedication to providing the Swiss program with the highest quality products has immensely benefited the reputation of the Weapons Division."

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Jim Nelepovitz

Jim Nelepovitz was nominated for a Research and Engineering Excellence Award by Dave Janiec, head of the guidance and Control Systems Division, for his continuing contributions as the senior systems engineer in the External Projects Group

"Jim's work has been multidisciplinary, providing a full missile performance spectrum of expert technical experience," wrote Janiec in the nomination. "Largely because of his reputation and performance, the NATO SeaSparrow Program Office decided to make China Lake the SeaSparrow Technical Direction Agent.

At a recent ceremony Haaland presented Nelepovitz with the award and explained that his support of the Weapons Division's technical community and to Program Executive Office-tactical air director has established him as an outstanding senior systems engineer. "He has taken several talented engineers and analysts under his wing," explained Haaland. "And he's helped them to develop as systems engineers. He's very willing to share the spotlight and enjoys the opportunity to develop other people and give them visibility to the sponsors."





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June 11, 1998

THE ROCKETEER

Embedded Test and Training: helping warfighters get the most from weapons

By Cliff Lawson

E ver use the Help function on your desktop computer? Then you're famil-iar with the basic concept of embedded training. The essence of embedded training is to take training to the warfighters by building the training function into, or adding it onto, their operational systems.

NAWCWPNS, relying on a long history of modeling and simulation, weapons integration and some of the best software programming capabilities in the world, has initiated the Embedded Test and Training Strategic Thrust.

"Embedded training contributes directly to fleet readiness, an important priority highlighted in last year's Ouadrennial Defense Review," notes Dr. Ron Smiley, thrust leader and director of the Corporate Operations Competency. "With our experience in weapons and aircraft platforms, we can help the warfighters get realistic training, when they need it and where they need it.'

A growing need for training

U.S. forces depend on thousands of technologically complex weapon systems and support systems. Many of these systems are well known - an Aegis cruiser, an F/A-18 aircraft, EA-6B electronic warfare aircraft, mission planning systems. Others, are less familiar - computerized logistics-management systems that keep track of the millions of items in the military inventory, or specialized test sets for satellite communications

The people who operate and maintain mil-

itary systems - the mechanics, fighter pilots, sonar operators, accountants and supply clerks - must continuously train to keep their proficiency levels high. If that training is to be truly effective, it must be reliable, readily available and as realistic as possible.

As new capabilities are added to a weapon or support system, the training functions must also be modified to keep the operator at the cutting edge of the system's expanded capabilities. Circulating the operators from their field units to shore-based centers for refresher training is not cost effective in this era of reduced budgets, nor is it practical from an operational-readiness point of view.

Embedded training devices range in complexity from a simple auxiliary piece of software loaded into an operational system's computer to large, stand-alone equipment vans that connect via umbilical cables to a ship in port. Some embedded trainers, such as the joint Navy-and-industry-developed Advanced Embedded Training System, are so sophisticated that they can analyze eve movements to determine if a console operator is focusing on the appropriate information within the field of view.

Serving customers and building partnerships

The goals of the Embedded Test and Training Strategic Thrust are three-fold. First is to offer the Division's existing customers a broader range of services. "The more we can do for our current customers," says Ken Jutzi, deputy thrust leader, "the better. If they come here for weapons integration and we can also incorporate embedded testing and training features that help the end user, we all come

out ahead.'

A second goal is to team with other military organizations and with industry to develop new and better embedded training capabilities that can keep pace with the rapid advances in warfighting technology.

"Recently, we've been talking with NAWC's Training Systems Division (NAWCTSD) in Orlando. There's a feeling that on the airweapons side of the house we can complement the work that our sister organization is Please see ET&T, Page 12



EMBEDDED TRAINING-Dr. Ron Smiley (left), Maj. Mark Price and Ken Jutzi discuss the Embedded EW Aircraft Training System for the F/A-18

The big three — Michelson, Thompson, McLean

6 These people show a passion for the work they do," said Sterling Haaland, executive director, at an

awards luncheon on Tuesday, June 9, RAdm. Rand Fisher, NAWCWPNS commander, and Dr. Karen Higgins, head of the Weapons/Targets Department, presented awards and congratulations to the following 20 individuals. The statement following each name is from citations read at the ceremony.

Michelson Laboratory Award

This award was established in 1966 to recognize employees for technical excellence based on outstanding performance of individual effort and professional excellence to the end that they represent significant achievement in the areas of management and leadership that results in the bringing of singular recognition to the individual and furthers the mission of NAWCWPNS.

Carl G. Ashley

Presented in recognition of your outstanding professional leadership in Sea Range management and support of command goals. During your tenure with the Sea Range, you have been instrumental in the development of critical core canabilities that are the foundation of the Sea Range today. In this era of significant drawdowns in resources, you have implemented difficult cost reduction actions and re-evaluated range and customer needs resulting in changes that will be of long term benefit to the command. Your leadership will continue to enhance and further the mission of NAWCWPNS in the future.

Dennis Beeson

Presented in recognition of your outstanding accomplishments in Software Process Improvement efforts for the F/A-18 Software Development Team. Through your leadership and vision, the F/A-18 Software Development Task Team is the first group at NAWCWPNS China Lake to meet the Software Process Improvement Goal of a Software Engineering Institute Capability Maturity Model Level 3 rating. This goal was accomplished on Oct 24 1997

Robert Dezellem

Your technical expertise and leadership qualities as the national Block 89A program manager have played a major role in recent successes in acquisition and development for the EA-6B. Your contributions as a national EA-6B expert and your understanding of the aircraft navigation and communication systems ensure the EA-6B weapon system will continue to be a force multiplier. Your dedication and willingness to "step up to the



MICHELSON LABORATORY AWARD-This year's awardees are Stuart Johnson, Robert Ostrom, Ronald Stepp, Terry Haven, Fred Gutierrez, Donald Thompson, Alan Marshall, Allen Jones, Robert Dezellem and Gerald Stites. Not shown: Dennis Sorges, Carl Ashley, Dr. Robert Gedridge and Dennis Beeson.

Terry B. Haven

plate" make you an invaluable asset to the Prowler Program and to the fleet. Dr. Robert W. Gedridge Jr.

Your skills as a synthetic chemist provided many successes in your first career at NAWCWPNS; your marketing skills led to many exciting programmatic accomplishments; and your recent success in coordinating and building an Infra-red Working Group will ultimately benefit the Navy at the warfighter level. Your long-term detail in the Air Vehicle Materials Group was a stepping stone of which you took full advantage, and NAWCWPNS will continue to benefit from the networking you accomplished during that time. You have demonstrated great skill at bringing together the right technical team and providing the necessary guidance for transition of Navy Materials programs. You serve as a model for the transformation of a research and development chemist into a science and technology activist.

Fred C. Gutierrez

As a NAWCWPNS-recognized electronic warfare expert, you have championed the development and integration of electronic systems and electronic warfare. Your timely delivery of many products to the fleet and friendly foreign nations have enhanced survivability and ensured mission effectiveness. You have succeeded in building NAWCWP-NS EW expertise in electronic warfare suite mission data file capabilities and have become the most trusted manager for the Navy International Program Office in EW. Your demonstrated outstanding leadership, technical expertise and strong vision make you a valuable asset to NAWCWPNS.

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This award is presented in recognition of your distinguished career in research and development of advanced weapon systems concepts. Your hard work and expertise in program requirements, concept exploration and development have resulted in significant capabilities for NAWCWPNS, the Navy and the Air Force. Your vision and institution of advanced analysis techniques demonstrated your ability to bring advanced concepts to reality. Your highly developed management and technical skills assure we have the weapons and platforms for 21st century warfighting requirements.

Stuart A. Johnson

For your exceptional leadership and technical accomplishments in the F/A-18 Weapon System Support Activity. Under your dynamic leadership, you have almost single-handedly caused the current success of the F/A-18 Electronic Warfare integration program and precipitated the decision to incorporate the AN/ALR-67(V3) onto the newest of the F/A-18 aircraft, the F/A-18 E/F. Your unrelenting commitment to mission accomplishment, professionalism, motivation, initiative and unwavering standards, recognized throughout the Naval Aviation System Team, have significantly contributed to the productivity and reputation of NAWCWPNS.

Allen W. Jones

This award is presented for your outstanding technical leadership of the Standoff Land Attack Missile Extended Response, Harpoon and Penguin projects. Your leadership and management resulted in the completion of a critical warhead design ahead of schedule, under cost and at full performance. High standards and technical integrity in the management of these programs have resulted in further recognition of the Weapons Division as a leader for management and introduction of quality weapons to the fleet.

Alan G. Marshall

In recognition of your outstanding managerial accomplishments and technical leadership in support of the Sidewinder, Standard Missile and Theater Ballistic Missile Defense (TBMD) programs. Your current leadership of the NAWCWPNS TBMD Project Office is critical to the Division's future and has been identified as a strategic thrust under your dayto-day leadership. Your role in this area had been, and will continue to be critical to the positive contributions NAWCWPNS can make to the Navy's TBMD program. Earlier in your career, your technical knowledge and

management skills were an asset to the Center's seeker development work.

Robert G. Ostrom

This award is presented in recognition of your outstanding leadership of the Land Range Office in the planning and execution of test programs for numerous customers, including F/A-18, AV-8B, Sidewinder, HARM, JDAM, JSOW, Predator, the U.S. Air Force and the Royal Air Force. You have continued to demonstrate an excellent knowledge of range operations, as well as exceptional engineering skills and a strong dedication to customer service and satisfaction.

Dennis M. Sorges

Under your leadership, the Ordnance Operations Division continues to provide customers with one of the most complete ordnance test and evaluation capabilities in DoD. Particularly noteworthy was your role in establishing a separate division stabilized labor rate that reduced test costs by 8-10 percent, your contributions to improving ordnance safety, certification and training and your coordination of the successful effort to pass the 1997 Explosive Safety Reinspection. You have also provided valuable support representing NAWCWPNS and the Navy with your participation in the BRAC and Board of Director MRTFB studies and your leadership of Reliance, JANNAF and NASA/DoD triservice committees. Your division continues to attract a high level of direct support from many DoD and contractor customers and has added a new DoD capability with the completion of the Plume Measurement Test Facility

Ronald Stepp

For your valuable and critical contributions to the welfare of the Electronic Combat Range. Your work in improving customer service, enhancing inter-competency working relationships, streamlining work processes to improve efficiency, transferring the Superior Valley Inert Bombing Range from the Air Force to the Navy, increasing the customer base by 20 percent, improving relationships with Air Force counterparts and developing an MOU between ECR and the Stinger Program Office have resulted in the improvement of customer data products. You've also provided customers with more realistic threat scenarios, reduced operational costs by hotseating threat systems and mothballing nonproductive antiquated systems, and increased PR&F's customer income by more than a million dollars per year.

Gerald E. Stites

This award is presented for your vision

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and guidance of the Advanced Systems Integrated Program Team, which has grown to become the analytical arm of PEO(T). Your global perspective of naval aviation has earned you the highest respect of senior NAVAIR and OPNAV officers and civilians. Your breadth of understanding of requirements from sponsors and the fleet operational users has contributed significantly to quick turnaround, high quality products and valuable insights into major acquisition decisions including F-18 E/F advanced capabilities, F-14 LANTIRN FLIR System, AMRAAM Preplanned Product Improvements and the EA-6B ICAP 3 upgrade.

Donald B. Thompson

As a nationally-recognized expert on electronic countermeasures techniques, you have directly contributed to the success of the Advanced Self Protection Jammer, special testing in the Electronic Combat Systems Evaluation Laboratory, a unified TACAIR EW Database and laboratory and range testing of foreign countermeasures and radar systems. As chief engineer for the Electronic Warfare Systems Division you developed guidelines for EW test laboratory development, countermeasures technique optimization and mission threat data generators. You simultaneously mentored younger engineers resulting in an extremely strong electronic countermeasures systems core capability.

L.T.E. Thompson Award

This award is based on an individual's outstanding contribution to the advancement of ordnance toward the fulfillment of NAW-CWPNS and to the forces of the U.S. Navy. It may be given for a single outstanding achievement or for continued excellence of performance. It was established in 1956 and pays tribute to the accomplishments of China Lake's first technical director.

Roy E. Hageman

This award is presented in recognition of your outstanding accomplishments and contributions to the F/A-18 and AIM-9 Sidewinder Programs. Your outstanding technical and managerial leadership has advanced the NAWCWPNS mission in the integration of two of the largest military assets in the Department of Defense. You have actively implemented acquisition reform policies while maintaining NAWCWPNS engineering expertise in the forefront of national IPT team development. Your open door policy has provided technical and career-oriented opportunities and mentoring to your team. Your accomplishments in missile and aircraft platforms has greatly benefited the warfighter.

Ronald R. Lindemann

This award is presented in recognition of your outstanding accomplishments and contributions to the F/A-18, specifically to the F/A-18 WSSA as the director for weapons integration. Your in-depth technical understanding of operational requirements, weapons and aircraft weapon delivery systems is unparalleled within the DoD. Your integrity and personal dedication have produced the highest quality products for our fleet and have immensely benefited the reputation of NAWCWPNS.

Scott M. O'Neil

This award is presented for outstanding contributions to the Weapons Division team and your commitment to further leadership in national defense issues. Specifically, your technical leadership of the Standoff Weapons and Vertical Launch ASROC development projects resulted in successful transition of concepts to the fleet. Your vision and management expertise have resulted in better teaming with industry, the fleet and headquarters in accomplishing the mission and recognition of the Division as a leader in innovation for the fleet. This was demonstrated by the outstanding success of Fleet Experiment Bravo. As an integral part of the Strategic Leadership Team your common sense and innovative management style have improved teaming throughout the Division.

Dr. Guenter Winkler

This award is presented in recognition of your outstanding technical leadership and management of the Rolling Airframe Missile Program. Your personal demand for technical excellence has made a significant contribution to the highly successful introduction of the Rolling Airframe Missile antimissile ship self-defense system into both the U.S. and German fleets. You are a dedicated, highly respected professional who typifies the Division's reputation for excellence.

Memorial Award for Dr. William B. McLean

This award recognizes employees who have demonstrated exceptional creativity through significant inventions. Selection is based on the originality and significance of the invention to the mission of NAWCWP-NS. It was established in 1968 and pays tribute to Dr. William B. McLean, technical



L.T.E. THOMPSON AWARD-Dr. Guenter Winkler, Roy Hageman, Scott O'Neil and Ronald Lindemann.

director from 1954 to 1967. Dr. Kelvin T. Higa

Presented in recognition of your numerous technical contributions to the science and technology base and to weapons programs. You have been extremely active in patenting your work (12 patents) and providing cusomers with valuable products. Your synthetic chemistry efforts and keen insight into organo-metallic mechanisms have spawned many new projects. Noteworthy are your contributions to ONR materials programs on semi-conductor and nano-particle materials. Recent forays into environmental chemistry and the synthesis of new explosives ingredients have already provided additional sponsor funding. You serve as a model to our organi

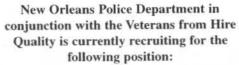
zation of what can be done when teamwork along with innovative science are combined. Dr. John Rusek

Presented in recognition of your contribution to the Navy with the introduction of highly flexible thrust and on-board power generation systems including non-toxic hypergolic propulsion systems. This impact is pervasive not only to the Navy, but the U.S. as well. The smallest power units are envisioned for tactical weaponry, orbit transfer vehicles, military and civilian transport and space access. With the absolute diminishment of natural resources, specifically non-renewable hydrocarbons, you have taken the lead in pervasive alternate, rational energy sources for portable. clean and renewable energy conversion



McLEAN AWARD—Higgins and Haaland with Dr. John Rusek. Higa not shown





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aircraft integration. The Section also conducts analysis and tests to evaluate high angle-of-attack performance for missiles. The incumbent is responsible for the CFD Development Laboratory and the High-Performance Computing Lab, and has significant oversight of the T-range Aerothermal Test Facility. The Section Head ticipate on the NAWCWD Aircraft Configuration Control Board (ACCB) for aerodynamic evaluation and flight clearance approval for weapons integration and aircraft modifications. Travel is a mandatory requirement: the incumbent must be able to respond to nsor's request to attend meetings in a timely man ner (e.g., travel by commercial air required). Technical Quality-Ranking Factors: Knowledge of 6.2 Air Weaponry Technology Programs and aeromechanics and thermal conclusion that Weaponry Technology Programs and aeromechanics and thermal analysis; ability to manage projects/tasks and manage an organization with a diverse group of scientists and engineers. Supervisory Quality-Ranking Factor: Knowledge of affirmative action principles, including a willingness to implement EEO practices. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements described below for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Top Secret clea rmance level for this position is DP-4. Notes 2, 3, and 4 apply

N0. 52-008-DWE98, Resourses Specialist, DA-0301-03/DP-301-3, Pacific Ranges and Facilities (PR&F) Department, Resources Office, Code 52D000D. Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake. Opening Date: 6-11-98 Closing Date: 6-25-98. Selecting Official: A. K. Rogers, (760) 939-4803

(DSN 4378-4803). HRD Contact: Diana Eggleton, (760) 939-8111 (DSN 437-8111). Permanent Change of Duty Station Authorized: No. Summary of Duties: This position provides financial analysis for the Pacific Ranges and Facilities Department ((PR&F). The incumbent reports to the Administrative Management Officer (AMO) of the PR&F Department. The incumbent is responsible for assisting the PR&F AMO in the development and execution of Major Range and Test Facilities Base (MRTFB) budget plans and presentations. The incumbent is also the lead in advising the PR&F AMO on the status of department funding sub-mission into the Division Resources Interactive Planning System (DRIPS) and working with the department budget office on related financial issues (carry-over, rate issues, etc.). This position requires the selectee to obtain and maintain a Secret Clearance. Technical Quality-Ranking Factor: Ability to manage Navy financial resources specific to a major test range; apply MRTFB, Rated Service Account (RSA), Navy Working Capital Fund, carryover, and rate-deve concepts in analyzing and projecting potential financial problems; communicate orally and in writing; and lead nent level working groups. DAWIA Quality-Ranking Factor: Ability to meet the mandatory experience, education, and training requirements for the Level 2, (K) Business, Cost Estimating, and Financial Management Career Field within 18 months of entering the position for DA-3 level applicants and ability to meet the mandatory Level 3 requirements for DP-3 level applicants. This position provides for promotion potential to DP-3 for DA-3 level applicants, but a promotion is not guaranteed. Special Note: Selection will be made at the selectee's current grade level. Note: Previous applicants need not reapply Notes 1 and 4 apply.

REASSIGNMENT OPPORTUNITY

No. 45-008-KR8, Interdisciplinary (General/ Electronics/ Aerospace Engineer, Physicist, Mathematician, Computer Scientist, Operations Research Analyst), DP-801/855/861/1310/1520/ 1550/1515-3, (Multiple Vacancies), Avionics Department, Mission and Sensors Division, Mission Com uter and Processor Branch. Assault Avionics Section, Code 455110D - Area of consideration: Al current permanent civilian NAWCWPNS employees. Duty Station: China Lake, CA. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Darwin Rosenlof, (760) 939-8459. HRD Contact: Kitty Reeve, (760) 939-8364. Permanent Change of Station Authorized: No. Summary of Duties: As a Systems Engineer for the Systems Integration Task Team supporting the AV-8B Integrated Product Team, this position is responsible for integrating new software and/or hardware capabilities on the AV-8B mission plan-ning system. The incumbent will become an integral member of a multidisciplined team (Government and contractor) that performs systems engineering functions for the AV-8B mission support systems. Primary responsibility will be as a Systems Integration Engineer for the Operator Station, the Joint Mission Planning System, or the TACMAN Weaponeering project. The individual will define, evaluate, compare, and manage technical requirements; coordinate software and hard-ware development efforts; establish test criteria; and coordinate testine, of the average and subcustance for coordinate testing of the systems and subsystems for assigned areas of responsibilities. The incumbent should have familiarity with Object Oriented Analysis and Design; experience with software development ledge of tactical systems software, including C and C++, experience with management of contractor development efforts; experience with spread-

sheets; and familiarity with the test and evaluation rocess. The incumbent must be able to meet the mandatory DAWIA requirements for training, experience, and education for Level 3 of the Systems Planning, Resource Development, and Engineering (s) career field within 18 months of entering this position. The incumbent must be able to obtain and maintain a Secret clearance. Note 4 applies

No. 4J-003-KR8, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Operations Research Analyst/ ician/Computer Scientist) DP-801/830/855 861/1515/1520/1550-4, Code 4J1100D, Warfare Assessment Branch, Warfare Analysis Division-Area of Consideration: All current permanent civiliar NAWCWPNS employees. Duty Station: China Lake Opening Date: 6-11-98. Closing Date: 6-25-98 Selecting Official: K. Morton, (760) 927-3841. HRD Contact: Kay Behrmann, (760) 939-2736. Permanen Change of Duty Station Authorized: No. Summary of Duties: Serves as head of the Warfare Assessment Branch, providing leadership and guidance to warfare analysts evaluating the operational performance of existing and conceptual weapons systems and warfight-ing concepts. The incumbent is responsible for all aspects of branch operations, including personne supervision and development, financial management, project coordination, and long-term planning. The incumbent will serve as part of the Warfare Analysis Division Management Team, developing and imple-menting a division strategic plan. Incumbent must have the ability to plan, conduct, and report warfare analysis. Incumbent must be able to obtain and mainta Secret clearance. Promotion potential is DP-4. Notes 2, 3 and 4 apply.

SES VACANCY **DON Critical Acquisition Workforce Position**

Position: Head, Avionics Department Announcement No: 98-5-SES, ES-801 Location: Naval Air Warfare Center Weapons Division, Point Mugu, California Opening Date: 1 June 1998 Closing Date: 30 June 1998 Salary: \$109,428.00 - \$125,900.00 Area of Consideration: All Sources

Duties: This position is the Head of the Avionics Department, Code 450000E, within the Engine Competency, Naval Air Warfare Center Weapons Division (NAWCWPNS), Point Mugu, California. The Competency, Navar Air Warrare Center Weapons Division (NAWCWPNS), Point Mugu, California. The NAWCWPNS mission is to be the Navy's full-spectrum research, development, test, evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisu marine warfare systems), missiles and missile subsystems, alrcraft weapons, and integration and assigned airborne electronic warfare systems, and to maintain and operate air, land, and sea major range complexes. NAWCWPNS is responsible for the acquisition and support for all Navy air and sea weapons and operates and maintains major range complexes at Point Mugu and China Lake, one of nine unique Department of Defense (DOD)-designated major ranges with maximum complitive to expect recent development. a maximum capability to support research, development, test, and evaluation of missile weapon, space, and satellite systems. The primary mission of the Avionics Department is to serve as the principal organization for sateline systems. The primary mission of the Avonics Department is bereful as the principal organization for operational support of aircraft weapon systems integration, tactical aircraft, avionics, fire control/ targeting, aircraft sensors, electronic warfare systems, information warfare systems, counter-countermeasures hardware, threat simulation systems, and laser systems. The primary purpose of this position is to serve as a senior Center manager and to plan, organize, administer, and coordinate programs assigned to the Avionics Department. The Department encompasses dispersed geographical locations—China Lake and Point Mugu, California. The incumbent coordinates the technical work within available funds, manpower, and facilities to maintain behaved there are public of effort in the accompliable all objective. naintain a balanced program capable of effectively accomplishing all objective

Qualifications: Incumbent must have experience of sufficient scope and quality to be able to effectively carry out the managerial and technical duties of the position and must be fully qualified on the mandatory technical qualifications listed below. Incumbent must meet the requirements for the General Engineer, GS-801, as described in the Office of Personnel Management (OPM) Qualification Standards for General Schedule Positions. It is also desirable to have an advanced degree in engineering, science or management, or equivalent and national status as an expert in at least one of the physical science disciplines noted in the mandatory technical unalifications. datory technical gualifications.

This is a Critical Acquisition Workforce vacancy announcement for a Senior Executive Service (SES)-level critical acquisition workforce position in the Systems Planning, Research, Development, and Engineering Career Field.

Technical Qualifications - Mandatory: Please describe fully but concisely how your experience supports each of the fol wing technical factor

- a. Demonstrated comprehensive knowledge and experience in modern electronics, mechanical and aeronautical engineering, or physics.
- . Skill and experience in initiating, directing, coordinating, and managing a wide variety of RDT&E programs.
- Knowledge and experience in working aircraft weapon systems integration, tactical software, avionics, targeting, aircraft sensors and laser systems, electronic warfare systems, information warfare systems, and threat simulation systems.
- unicate effectively, orally and in writing, on highly complex and technical matters to a diversified audience at all levels both within and outside the agency.

Executive Core Qualifications - Mandatory: Prepare a concise executive summary describing how you (3) Results Driver; (4) Business Acumen; and (5) Building Coalitions/Communication. Explain where and when the experience was obtained, describe the organizational setting in which the experience was acquired (e.g., size and level of the organization and assigned fiscal resources), and include a narrative discussion of the Qualifications as they relate directly to the factors listed under the Qualifications Section of this announcement. Definitions for ECQ's and Key Characteristics are available from website

How to Apply: To be considered, applications must be received no later than the closing date of thi announcement. Submit a thorough resume, the Optional Application for Federal Employment (OF-612), SF-171, or any other written format. In addition to specific information requested in this vacancy announcement, the application or resume must include: Job Information: Announcement number, title, and grade of the position for which applying. Personal information: Full name, mailing address, day and evening phone numbers, Social Security number, country of citizenship, highest Federal Civilian grade held. Education: Name, city, and state o high school, year graduated, name and location of colleges, major(s), type and year of any degrees received. Work Experience: Concisely but adequately support and demonstrate your qualifications for the position in your application. Give the following information for your paid and unpaid work experience related to this position: Job title, duties and accomplishments, employer's name and address, supervisor's name and phone number, starting and ending dates, hours per week, salary, and whether we may contact your current supervisor. List job-related training courses by title and year, job-related certificates and licenses, and job-related honors, awards, and special accomplishments. Do not attach certificates of training, position descriptions, award certificates, or publications. Mandatory Technical Qualifications Factors and Executive Core Qualifications: Include a narrative discussion of your qualifications as they relate to each factor listed. Each application package should include completed SES Level Acquisition Workforce Position Requirements, Quality Ranking Factors Form (attached) Applicants are also encouraged to complete and return the form, Background Survey Questionnaire, 79-2. The full vacancy announcement and forms are available via the internet at site http://nrdmugu.mugu.navy.mil/hrd. Your sul ion of the 79-2 will be used for statistical/research purposes only and will not be used in th selection process.

Apply to: Commander (Code 731000E), Naval Air Warfare Center Weapons Division, 521 9th Street Point Mugu, California 93042-5002, ATTN: Jan Meadows. For further information, contact Jan Meadows at (805) 989-3261 or DSN: 351-3261.

Evaluation Method

Applicants who meet the basic qualification requirements will be rated and ranked by a panel using the information submitted on the technical and executive core qualifications. Interviews may be conducted by th panel and/or the selecting official

Additional Information on the Senior Executive Service (SES): Persons newly selected for SES position must serve a 1-year probationary period. Veterans preference does not apply to the SES. Filling of these positions is not subject to the DOD Stopper List, Reemployment Priority List, or other Navy reassignment lists Career appointees in the SES are also eligible for performance awards plus special rank designations with corresponding payments in addition to the base salary. The selectee will be required to complete an SF-278, Executive Branch Public Financial Disclosure Report. This position is critical sensitive. Applicants tentatively selected for this position may be required to submit to urinallysis to screen for illegal drug use prior to appointment. Permanent change of duty station/relocation expenses may be paid. A <u>selectee</u> whose executive core qualifications have not been approved by OPM will be required to prepare a statement regarding his or her executive core qualifications for submission to OPM. Also, at least one supervisory appraisal addressing these five qualifications will be required for submission to OPM.

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

June 11, 1998



NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

ACADEMIC FUNDING POLICY FOR NAWCWPNS

Effective 1 October 1997, all training requests (DD Form 1556s) for academic (accredited) courses taken at junior colleges, colleges, and universities will be forwarded to the Academic Program Manager, Cecil Webb, Code 733000D.

Requests should be submitted 3 to 4 weeks prior to the starting date of a course to allow sufficient time to process requests, because all academic requests will be processed at the China Lake Training Center (Code 733000D).

To ensure that all employees have equal access to academic opportunities, the following academic policy has been approved by the Executive Director and Corporate University Council for NAWCWPNS and was effective 1 October 1997.

- 1. The Employee Development Division will fund the first training request (per semester/quarter) for a civilian employee who is planning to take a missionrelated academic course from an accredited academic institution. Requests will be approved as funding permits.
- 2. The employee's Competency may fund up to two or more courses for the semester/quarter as Competency management deems appropriate and as Competency funds permit. No more than three courses will be funded during one semester/guarter.

Employees are responsible for funding nontuition costs such as books, application fees, and examination fees.

The Employee Development Division does not have authority to approve military academic requests. Military personnel are requested to contact the Navy Campus Education Center, DSN 351-8457, for tuition assistance for academic courses.

Note: This policy does not change the procedure for Co-Op student support.

Questions concerning academic policy should be directed to Cecil Webb, 939-0878 (DSN 437-0878).

ACADEMIC TUITION SUPPORT REQUEST PROCEDURES

· Employees will submit a Request, Authorization, Agreement, Certification of Training, and Beimbursement Form (DD Form 1556) to Academic Program Manager, Cecil Webb, Code 733000D.

 DD Form 1556s should be submitted at least 3 to 4 weeks, but no more than 90 days, prior to the starting date of a course.

· A separate DD Form 1556 is required for each course. When more than one course is taken per term, and the school's minimum tuition covers more than one course (e.g., CSUN), all of the tuition is to be put on one DD Form 1556 and "\$0" put on the DD Form 1556 for each additional course.

· Employees must indicate on Item 18, "Training Objectives," how the course is mission related (do not indicate "for degree purposes" unless the course is to be taken to satisfy a specific DAWIA requirement)

· Employees must sign Item 39 (reverse side of Copy 1 of the DD Form 1556).

· The course starting date indicated on Item 23 must be 1 October 1997 or later.

· Employees will receive copies of the approved Form1556 with instructions on disposition. Once approved, employees can register with the school.

DIFMS: SLOW DOWN TO SHUT DOWN

DIFMS implementation has been on the front burner at NAWCWD for the last 12 months. During this time, we have worked arduously with the Central Design Agent (now called FSAPR - Field Support Activity Patuxent River) to achieve a successful site implementation using the concept of DIFMS "as is." That means loading funding, travel, large contracts, and other aspects of effective management of this system "on line," rather than building multiple interfaces that required support internally and externally after production/standup.

Each Navy site chose the path that best suited its business practices/needs; however none was a carbon copy of another. This has lead to many software changes to DIFMS/NIMMS. Progress in standing up new sites has been slow, cumbersome, and frustrating for individual sites and the FSAPR. They were not prepared to staff/resource to the level required for these types of changes. As a result, implementation has focused on affecting only those sites currently in an active implementation like SSC-San Diego or sites already using the system. This action is in hopes that software, documentation, and requirements could be aligned with resources from the FSAPR to perform the large tasks of successfully implementing DIFMS at new sites like NAWCAD and WD.

Although no formal extension of DIFMS implementation schedules has been issued (NAWCWD date is still formally 1 Oct 98), high-level discussions between the Navy Comptroller and Defense Finance and Accounting Service (DFAS) clearly indicate that deficiencies at activities that have already implemented DIFMS will be resolved before further deployment occurs. Therefore, based on the probability that NAWCWD will not implement DIFMS during FY99, the DIFMS Project Office is developing a plan that will enable NAWCWD to drawdown the current project implementation effort and position itself for future implementation, once a revised date is determined.

Based on this information, we are looking at a DIFMS "slow down to shut down." The DIFMS Project Office is matching those tasks that need to be completed, and cataloged against the Plan of Action and Milestones (POAM) and resources required to complete them. This effort will allow us to stand down the project in an orderly manner and have proper documentation available when a new date is assigned, and the team is reestablished at a future date.

The NAWCWD DIFMS Program Office has made excellent progress to date and has provided a clear path for the future. It is important that the lessons learned (most especially effective teaming with IMD and other organizations) yields the best, most effective outcome for NAWCWD.

> JERRY MACY Comptroller

DIFMS NEWSLETTER

The DIFMS Newsletter "Let's Discuss..." is putting out a new issue every 4 to 6 weeks. The fourth issue was put on the DIFMS server and the website on 11 June. There are also three other issues in both locations. All issues will be available in this manner.

The path to the server is:

Mac:

Select Chooser under the Apple: Apple Share: Zone: CL HQ; Server: DIFMS; log on as a guest. When the DIFMS Server icon appears on your desktop, double click on it. Select the Library Folder; Training Folder; and DIFMS-154, DIFMS Student Guide,

Select: Network Neighborhood; Entire Network; CI hq; DIFMS.

The URL for the website is: http://difms.chinalake.navy.mil/

If you cannot access this or any other information regarding DIFMS, contact Pat Baczkiewicz at 939-1373 (DSN 437-1373).

Note: DIFMS documents are in a variety of programs and may have been originated on either a Mac or a PC. To allow access from any desktop platform, most documents are converted to a read-only Portable Document Format (PDF). Use Adobe's Acrobat Reader to view these documents. After downloading, perform searches within Reader to find specifics. At the top of the DIFMS folder on the Server is AcroRead.mac for Macintosh or ACRORE-AD.EXE for PC. Double click on that application and select "Install" to use this free software

should be directed to Cecil Webb, 939-0878 (DSN 437-0878).

ACADEMIC PROGRAMS VIA VIDEOTĂPE, INTERNET AND CORRESPONDENCE

Do you need an academic program that is geographically portable or accommodates your schedule? If so, then

Questions concerning DD 1556 procedural matters an academic program delivered via videotape, internet, or paper-based correspondence might be of interest to you. The following accredited schools are among the schools that offer such programs:

The Georgia Institute of Technology offers master's degree programs in several fields of engineering delivered via videotape. For more information, call 800-225-4656 .

Southern Methodist University offers master's degree

1B

programs in several fields of engineering delivered via videotape. For more information, call (214) 768-1452.

The University of Phoenix offers bachelor's and master's degree programs in business administration contract for remedial and preventive maintenance of delivered via the internet. For more information, call 800-388-5463

Upper Iowa University offers a bachelor's degree program in business administration delivered via paperbased correspondence. For more information, call 888-877-3742.

NAWCWPNS civil service employees needing information on the tuition support policy should contact Cecil Webb at (760) 939-0878 (DSN 437-0878).

HEWLETT PACKARD HARDWARE MAINTENANCE CONTRACT

A new Centerwide (China Lake and Point Mugu) Hewlett Packard Information Technology (IT) hardware and attached peripherals (can be third party) has been awarded. This contract is a time and materials contract. It is NOT A MANDATORY contract, but is available to provide primary or alternative service support conveniently and cost effectively.

Prime Contractor: MFS INC.

Name

Col. William Bair

Jim Knepshield

Karen Buehler

Eva Bien

Brvan Hill

Don Hilliard

Joyce Hinkle

Terry Mitchell

Ron Rogers

Debby Young

Kay Sams

Dr. Neil McCarthy

Contract Number: N68936-98-E-2018 Current Period of Performance: 1 June 1998 - 30 Nov 1998

If an estimate is desired before work is done, it can be requested—a 1-hour minimum will apply. Customers may also request field modifications sponsored by the OEM.

June 11, 1998

To obtain service under this contract, you must contact the Customer Support Center at (760) 939-1200, DSN 437-1200 with the following information: (1) contact/ requester name, (2) contact code and phone number, (3) job order number, (4) building and room number, (5) alternate contact and phone number, (6) equipment make and model number, (7) serial and bar code number, and (8) a brief description of the problem.

Questions or problems may be directed to Sharon Biesiadecki, Code 727100D at (760) 939-3165 or DSN 437-3165

Phone

939-6603

939-8570

939-3109

939-5975

989-9370

939-2353

939-2534

989-3997

989-1347

989-0285

939-2434/989-3271

989-9201/939-4882

Code

4A0000D

4JA000D

730000E

76C000D

7F0000D

471430E

4JA000D

529100E

00AC00D

733000E

454400E

331000E

WORKFORCE MANAGEMENT ANNOUNCEMENTS

Team Function & Role

Human Resources Management

Mid-Level Supervisor/Manager

Office Manager WMET Program (CL)

Corporate Reserve (ATP) Program

Human Resources Management

WMET Site Coordinator (PM)

Organizational Development Advisor

First-Line Supervisor/Superv'y Network

Communications Manager

Corporate Operations

Program Manager

Director

WORKFORCE MANAGEMENT ANNOUNCEMENTS

The new Workforce Management Announcements Section provides information on a wide range of workforce related topics that we hope NAWCWPNS managers. supervisors, and employees will find useful. Workforce Management is one of the strategic initiatives developed by the DRMB. The Workforce Management Initiative was announced on 31 March in an all-hands memo from Radm. Fisher, NAWCWPNS Commander, and Sterling Haaland, Executive Director. The team's director is Col. William Bain, USMC. Jim Knepshield is the Program Manager. The team's mission is to provide managers and supervisors with resources and tools for effective workforce management, and to provide employees with the information required to make informed career planning decisions with respect to opportunities internal and external to NAWCWPNS. If you have any questions or comments you can pass them on to any Workforce Management team member.

WORKFORCE MANAGEMENT INFORMATION

Other workforce management and related information (e.g., retirement planning workshops, job fairs, etc.) can be found throughout the Announcements Section of The Rocketeer and The Missile.

HUMAN RESOURCES

A broad array of information related to workforce management can be accessed through the Human Resources Department website at

http://hrdmugu.mugu.navy.mil/hrd

Information includes, but is not limited to, schedules of training events, merit-promotion opportunities, internet private/federal sector job advertisements, and CSRS to FERS conversion information. A new Workforce Management webpage is being added to the Human Resources Department webside and will be available in Office the near future.

DEFENSE OUTPLACEMENT REFERBAL SYSTEM (DORS)

The Defense Outplacement Referal System (DORS) is an automated referral system established through a cooperative effort between the Department of Defense (DOD) and Office of Personnel Management (OPM) DORS provides referral of DOD employees and their spouses to DOD activities, non-DOD Federal agencies, state, and local governments, not for profit organizations, and the private sector in the U.S. and overseas.

- To be eligible to register an individual must be
- 1. A current civilian DOD employees, or
- 2 A spouse of a current civilian DOD employee, as long as the DOD employee is registered in DORS

WORKFORCE MANAGEMENT ENTERPRISE TEAM (WMET) MEMBERS

or the DOD Priority Placement Program (PPP) (Program A), and

- 3. A U.S. citizen or a non-U.S. citizen who currently occupies an excepted service position, and
- 4. Have satisfactory performance and conduct, and
- 5. Be qualified and available for positions for which registered.

Individuals may be registered for up to five skills and must be qualified based on education and experience. Final qualification and appointability determinations are made by the gaining Civilian Personnel/Human Resources

The highest grade for which an individual may register

- 1. Current employees on permanent appointmentsno higher than current permanent grade.
- 2. Employees on temporary appointments with prior federal service or spouses with prior federal service-last permanent grade held.
- 3. Registrants without status or with no prior federal service-highest grade for which eligible based on X-118 Qualification Standards.

The lowest grade for which an individual may register is the lowest grade for which the registrant will accept an offer, but not to exceed three grades below the high grade for which eligible/registered.

There are no limitations to the area a registrant may select for referral. The registrant may choose to registered for locations in the U.S. and/or overseas. An

individual may not register for an individual activity, buy may select any zone, region, state and/or country A spouse's area of referral must be the same as the SDODSOT.

Moving expenses are not guaranteed when placement is make through DORS. Expenses will normally be paid. however, if the registrant's activity has been identified for closure. The registrant is responsible for moving expenses unless he/she is able to negotiate with the new employer for payment. Moving expenses cannot be paid if a move results from placement in private industry or from a spouse's acceptance of offer.

DORS registration is active until one of the following situations occur.

- 1. Registrant decides to no longer be registered.
- 2. Employee is no longer on DOD rolls.
- 3. Employee's performance/conduct warrants deletion
- 4. Employee is eligible and registers in PPP.
- 5. Sponsoring employee is no longer registered in
- 6. A year has passed since registration or any file maintenance (a change to the registration) has been processed.

For further information, contact Monica Hewston, NAWCWPNS PPP Coordinator, Human Resources Department, (760) 939-1156 (DSN 437-1156) or Julie Simental, Point Mugu point of contact, (805) 989-3306 (DSN 351-3306)

NAWCWPNS

Note 1 applies.

Applications will be accepted from appointable applicants according to the Area of Consideration statement in each announcement. Appointable may mean that the applicant either is a current imployee, reinstatement eligible, transfer eligible, reassignment eligible, or it may mean that the potential applicant may be hired via a special authority such as VRA, handicapped authority, or other via in executive order. Please read the Area of Consideration statement in each announcement for clarification.

June 11, 1998

new and existing technologies for use in the instrumentation of weapons systems. The incumbent performs a variety of duties to support surface mount and wave soldering technologies, and to assembly complex airborne flight systems or subsystems required by projects. The incumbent is responsible for assembling printed circuit boards, including bread- boards and flight ardware, cables, and harnesses. Skill in the interpretation of electronic wiring schematics and expertise in the use of printed wiring board and cable fabrication shop tools is essential. The position also requires experience in the operation and application of quality assurance standards and military specifications, including Industry Standard ANSI/J-STD-001B. Screen out element: Ability to successfully perform the duties of the position without more than normal supervision.

No. 20-001-NR8, Senior Office Manager/Executive Office Manager, DG-303-3/4, Code 200000D, Contracts Competency. Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Mike Gibson, (760) 939-3801 (DSN 437-3801). HRD Contact: Nancy Robinson, (760) 939-8106 (DSN 437-8106). Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent functions as the NAWCWPNS 2.0 Competency Office Manager and personal assistant to the Director for Contracts, the Associate Director, and the Senior Technical Associate. Is the key person responsible for originating and processing various administrative actions in addition to performing research and making decisions on more complex administrative issues. Is responsible for documenting Competency office processes and training Competency personnel in each process; reviewing, prioritizing, and coordinating actions coming into the Competency, directing them to the appropriate manager, and ensuring follow-up to meet deadlines. Effectively relays Competency Head's/Associate's decisions to subordinate organizations, independently coordinates office manager support efforts across both sites, and maintains conta with all levels of management and employees within NAWCWPNS as well as other government representa-tives (e.g., NAVAIR, ASN, NAVSUP, etc.) and contractors. In many cases, the person in this position is the first contact for others trying to reach Contracts Competency management and employees. Knowledge of and proficiency with the PC computer and Windows 95 environment is desirable. Knowledge of Contracting processes and related documents **Quality-Ranking** Factor: Skill in applying administrative policies and procedures, including composing correspondence and preparing nontechnical reports. Full-performance level preparing nontechnical of this position is DG-4.

No. 4J-002-KR8, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Operations Research Analyst tician/Computer Scientist) DP-801/830/855/ 861/1515/1520/1550-3. Code 4J1100D, Warfare ment Branch, Warfare Analysis Division-Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: K. Morton, (760) 927-3841. HRD Contact: Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties: Serve as head of the Warfare Assessment Branch, providing leadership and guidance to warfare analysts evaluating the operational performance of existing and conceptual weapons systems and warfighting concepts. The incumbent is responsible for all aspects of branch operations, including personnel supervision and development, financial management, project coordination, and long-term planning. The nbent will serve as part of the Warfare Analysis Division Management Team, developing and implementing a Division strategic plan. Quality-Ranking Factors: Ability to plan, conduct, and report warfare analysis. Supervisory Quality-Ranking Factor: Knowledge of affirmative action and EEO principles and a willingness to implement these principles. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements for Level 3 of Systems Planning, Resource Development, and Engineering career field within 18 months of entering Incumbent must be able to obtain and nce. Promotion potentia is DP-4. Notes 1, 2, 3 and 4 apply.

No. 45-006-KR8, Computer Specialist, DP-0334-03. Software Support Integration Section, Software Development Branch, Software Engineerin Department 457170D-Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-26-98. Selecting Official: Sharon Juarez, (760) 939-5112. HRD Contact: Kitty Reeve, (760) 939-8364. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent conducts product marketing and performs as Lead Test Engineer in the Software Support Integration Section. The incumbent must be capable of investigating, identifying, and pursuing possible customers across service lines for the MLVS program, including preparing and presenting briefs on behalf of the program. The incumbent will be Test Lead for retained function testing of the MLVS program; tasking includes developing and writing test plans, procedures, and reports; planning, coordinating, and test execution, as well as coordinating with Type Commanders (TYCOMs), Fleet, and test personnel. Incumbent is also responsible for developing and managing rapid-reprogramming activities, which includes

preparing estimates, providing technical support, training for the Fleet and Fleet exercises, writing all supporting documentation, and acting as liaison with TYCOMs, Fleet, Integrated Product Teams (IPTs), and EWOPFAC. Incumbent will act as the HARM and EW Program software- loading interface which involves loading procedures, coordinating software releases. ation review, and estimate preparation. Technical Quality-Ranking Factor: Ability to work within a team to perform aircraft software loading using support equipment (AMLV, MLV, and MLVS) on avionics and electronic warfare systems which includes coordinating, directing, and conducting ground test operations; preparing test plans, test procedures, and test reports; and presenting the status of these tests status in writing and orally. DAWIA Quality-Ranking Factor(s): Ability to meet the mandatory DAWIA requirements for experience, education, and training for Level 3 of Systems Planning Research, Development and Engineering Acquisition career field within 18 months of entering the position . Applicants must be able to obtain and maintain a Secret clearance. Full-performance level of this position is DP-3. Note 4 applies.

No. 45-007-KR8, Computer Specialist, DS-0334-03, V/STOL Software Development Section, Software Development Branch (CL), Software Engineering Division, Avionics Department, Code 457140D. Area of Consideration: All current permanent civilian NAWCWPNS employees. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: John H. Dancy, Jr., (760) 939-9923. HRD Contact: Kitty Reeve, (760) 939-8364. Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as a Software Engineer as part of the nformation Technology/Information Systems Team. Responsibilities include software life-cycle planning and mplementation; requirements definition; software design, code, debug, test/analyze/fix, as well as integration and introduction. The incumbent will also be responsible for database administration and document development/update functions and will serve as a nember of the Team's Software Engineering Proc Group. Knowledge, Skills, Abilities: (1) Ability to perform avionics software engineering in the areas of tactical systems software development and maintenance using AYK-14 assembly language and MTASS/CMS2; (2) ability to perform relational data modeling and programming in the S1032, 4th Dimension, and FileMaker Pro environments; (3) ability to perform hands-on training in a classroom setting Incumbent must be able to obtain and maintain a Secret clearance. Full-performance level of this position is DS-3 Note 1 applies

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 nust be submitted for each vacancy. LATE APPLICATIONS WILL NOT BE ACCEPTED UNLESS ON APPROVED LEAVE, TDY, ETC., THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. lease 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. ment. If the assessment/appraisal does not clearly sta

med, attach a copy of your perfo mance plan A supplemental narrative add

A supplemental narrative addressing your performance pan. A supplemental narrative addressing your qualifications to each quality-ranking factor (QRF) is highly recommended. This information will be used to identify highly qualified didates 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 ment Offic

AREA OF CONSIDERATION INFORMATION

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**.

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

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 cubject 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.

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 3-year period

Merit Promotion Positions for Point Mugu Site Vacancies. Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirement 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 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 of the status of th n. Selection will not be made o

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, onic funds transfer (DD/EFT) became the standard payment within DOD for pay of certain civilian personnel. Newly himed civilian personnel and employees (not currently nrolled) 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 on has been made to the vacancy advertisement; please note indicated changes

No. 47-001-RP8, Facility Management Specialis DA-1640-2. Weapons/Targets Department ns/Targets Staff Office, Code 47D000D—Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake, CA. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Karen Higgins, (760) 939-1468. HRD Contact: Bob Peoples, (760) 939-8120. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent will provide facility management support to the Weapons/Target Department. The incumbent will be responsible for the FES planning, project monitoring, financial administration, facilities analysis, and provide technical advice in acilities and space management. The incumbent w also assist in planning, designing, submitting, and overseeing of all facility-oriented projects (communication service requests, trouble chits to major repairs, and new construction). Incumbent will maintain facility databases utilizing the MacIntosh computer and related software. Quality-Ranking Factors: Knowledge of FES planning procedures; knowledge of facility requirements in the areas of security, safety, fire protection, utility maintenance and repair, environmental, and energy conservation. Promotion potential to the DA-3.

No. 472-007-GB8, Engineering Technician, DP-0802-3, Guidance and Control Systems Division, Control and Midcourse Guidance Branch, Weapons **Development and Integration Section, Code** 472350D-Area of Consideration: All current permanent civilian NAWCWPNS employees. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-18-98. Selecting Official: Jim McCalester, (760) 939-3338. HRD Contact: Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties As an Armament System Engineer for the Weapons Development and Integration Section, the incumbent is responsible for integration of weat in systems on the Advanced Tactical Aircraft. The incumbent's duties include coordinating all armament issues; supporting system integration tasks and testing to evaluate system performance; providing armament/missile expertise to aircraft and system contractors and operators as required; assisting aircraft IPT's/EDT's in developing milestones and coordinating them through the Weapons IPT's/EDT's: coordinating environ studies/analyses as applicable to the Internal Weapons Bay environment as well as the environment imposed on weapons by external carriage on a very high-performance aircraft. Requires frequent travel to the sponsor's site and to aircraft contractor's facilities. Technical Quality-Ranking Factor: Ability to perform complex weapons system engineering processes that include system requirement definition, requirement flowdown, system development and integration, testing and evaluation, and data analyses. DAWIA Quality-Ranking Factor: Ability to meet the mandatory experience, education, and training requirements of the Career Development Program for Level III of the Systems, Planning, Research, Development, and Engineering Field within 18 months of entering the Incumbent must be able to obtain and position. maintain a Top Secret Clearance. Full performance vel of this position is DP-3.

This announcement is open for one week only. Notes 3 and 4 apply.

No. 473-025-RP8, Supervisory Interdisciplinary (Mechanical/Aerospace Engineer), DP-0830/861-3, Weapons/Targets Department, Airframe, Ordnance and Propulsion Division, Airframe Branch, Aeromechanics and Thermal Analysis Section Code 473110D-Area Consideration: All current

permanent civilian NAWCWPNS employees. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Craig Porter, (760) 939-7206. HRD Contact: Robert Peoples, (760) 939-8120. Permanent Change of Duty Station Authorized: No. Summary of Dutles: This position is Head of the Aeromechanics and Thermal Analysis Section, which consists of approximately 14 engineers and scientists who design, analyze and test missile and aircraft airframes and components. Critical analysis and modeling expertise maintained in the areas of thermal analysis, thermal stress and fracture statistics of radome materials, ablation of radome and rocket nozzles, kinetic reaction and cookoff predictions for ordnance, fire modeling; thermal and infrared (IR) radiation predictions and testing, CFD and CAE codes, flight quality, and shape optimization. The incumbent provides technical direction to the employees in the areas of stability and control, store separation, heat transfer, aerothermody-namics, charring and ablation, and advanced theoretical prediction codes to evaluate aerodynamics. Other technical areas of responsibility include knowledge of the 6.2 Air Weaponry Technology Programs within the Section and assisting in the coordination and analyzing data from wind tunnel tests. In addition, he/she assists in coordinating the use of various wind tunnel facilities in the Air Force, NASA, and industry. This section is he NAWCWPNS expertise for calculating store separation trajectories for external and internal release and the use and development of computational fluid dynamics CFD codes. Special emphasis is placed on providing aerodynamic support to the Air Vehicle Competency (4.3) and IPT's for weapons, stores, and

ESDB COURSES

Do you need financial summary reports that provide the data and format you need. If so, enroll now in one of our FSDB courses. The Financial Summary Database (FSDB) Project Office will be presenting the following courses from 0800 to 1600 in the Training Center Macintosh Labs at China Lake and Point Mugu

BASIC ESDB COURSE

sites: Students should be proficient in Microsoft Excel. Experience in requesting and analyzing financial reports is desired. It is also highly recommended that students purchase the BusinessObjects client software Immediately after completing the training course, contact Jessica Vincent at 927-1500 (DSN 469-1500) to request an FSDB account. With the software and an account, you can immediately start practicing what you have just learned in class.

sed Audience: Administrative Officers, Business Managers, Budget/Financial Analysts, and anyone requiring financial summary data to create reports.

The FSDB v1.1 Basic Training course will introduce participants to the FSDB, which provides a streamlined, flexible, and powerful tool for querying and reporting financial information from the NIFMAS financial system. Participants will learn how to use the BusinessObjects query and reporting software to obtain the financial information they need. The class will also cover defining, organizing, and using the financial information available from FSDB. When NAWCWPNS converts to a new financial accounting system in 1998, FSDB will be one of the primary financial summary reporting tools for field users. Students are allowed to attend this course more than once.

ADVANCED ESDB COURSE

Prerequisite: Completion of the FSDB Basic Training course, plus additional time actually using FSD. Intended Audience: Administrative Officers, Business Managers, Budget/Financial Analysts, and anyone requiring summary financial data to create reports. The FSDB v1.1 Advance Training course will cover more advanced tools within BusinessObjects. The Reports Repository and Library will be discussed; we will show you how to download some of the Command's standard

eports, in addition to special reports already created by various Competencies.

FSDB CLASS SCHEDULE

CIVILIAN PERSONNEL DIVISION NEWS

To enroll, QuickMail your request to the FSDB Help Desk with your name, code, and phone number, or contact Carol Anderson at 939-1157 (DSN 437-1157).

CHINA LAKE

(A) 18 June, Thursday; 30 June, Tuesday; 28 July, Tuesday

(B) 16 June, Tuesday; 16 July, Thursday

(A) = Advance FSDB Course

(B) = Basic FSDB Course

MERIT PROMOTIONS

CHINA LAKE

No. 41-010-KR8, Supervisory Interdisciplinary No. 41-010-KR8, Supervisory Interdisciplinary Electronics Engineer/Computer Engineer/General Engineer/Physicist/Computer Scientist, DP-855/854/801/1310/1550-3. Research and Engineering Competency, Systems Engineering Department, Platform Simulation & Integration Laboratory Engineering Division, Carrier-Based Tactical Aircraft Laboratory Engineering Branch No.1 (F/A-18), Code 413100D—Area of Consideration: Current permanent civilian employees at China Lake Duty Station: China Lake. Opening Date 6-11-98. Closing Date: 6-25-98. Selecting Official: M. Myers, (760) 939-5995. HRD Contact: Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as a Supervisoryof Duties: The incumbent serves as a Superviso Laboratory Engineering Team Leader within the Carrier Based Tactical Aircraft Laboratory Engineering Competency. As a Supervisory Team Leader, the incumbent performs the full range of supervisory duties associated with personnel resource management and development. Via a Task Assignment Agreement (TAA) with the F/A-18 IPT, the incumbent also serves as a key member of the F/A-18 Weapon System Support Facility Task Team. In this capacity, the incumbent serves as the technical leader of an interdisciplinary technical team tasked to design, develop, modernize, schedule, and maintain all laboratory modeling and simulation capabili-ties associated with the F/A-18 combat system. This includes all F/A-18 weapons, sensors, and avionics systems for all F/A-18 platform variants. Duties include regular interaction with the F/A-18 IPT Task Team Leads, Product Acquisition Leads, and major Block Leads to keep abreast of program objectives, activities, and events that involve/impact the Facility complex and to report status; near- and long-term planning and budget-ing which involves identifying, presenting, and defending resource requirements to anticipate and keep abreast of changing user requirements and expectations for weapons, sensors, avionics and Operational Flight Program (OFP) laboratory integration and test capabili-ties; clarifying, prioritizing, coordinating, and overseeing the documentation of laboratory development and support requirements: translating requirements for aboratory development or update into implementation plans that include resource requirements; leading the Reboratory technical team in maintaining required operational readiness levels for the laboratory complex consistent with cost and schedule agreements; ensuring that good configuration management practices are followed for all laboratory hardware and software components; and continuously applying new technologies and process improvements to reduce the cost of laboratory operations and sustaining support. Technical Quality-Ranking Factor: Knowledge of combat aircraft Guainty-Hanking Factor: Knowledge of combat aircraft weapons, sensors, avionics, and OFP development, integration and testing. Supervisory Quality-Ranking Factor: Ability to perform first-line supervisory duties and knowledge of affirmative action principles, including a willingness to implement EEO practices. DAWIA Quality-Ranking Factor: Ability to meet the meriater. Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements for experience, education, and training for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Applicants must be able to obtain and maintain a Top Secret clearance. Full-performance level of this position is DP-3. Notes 2, 3 and 4 apply.

No. 41-011-KR8, Supervisory Interdisciplinary Electronics Engineer/Computer Engineer/General Engineer/Physicist/Computer Scientist, DP-855/854/801/1310/1550-3. Research and Engineering Competency, Systems Engineering Department, Platform Simulation & Integration Laboratory Engineering Division, Carrier-Based Tactical Aircraft Laboratory Engineering Branch No. 1 (F/A-18),Code 413100D—Area of Consideration: Current permanent civilian employees at China Lake. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: M. Myers, (760) 939-5995. HRD Contact: Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties The incumbent serves as a Supervisory Laboratory Operations Team Leader within the Carrier-Based Tactical Aircraft Laboratory Engineering Competency. As a Supervisory Team Leader, the incum-bent performs the full range of supervisory duties associated with personnel resource management and develop-ment. Via a Task Assignment Agreement (TAA) with the F/A-18 IPT, the incumbent also serves as a key member of the F/A-18 Weapon System Support Facility Task Team. In this capacity, the incumbent serves as the technical leader of an interdisciplinary technical team tasked to schedule, set up, operate, and maintain nine separate weapons, sensors, and avionics systems integration laboratories used to support all variants of the F/A-18 platform. The incumbent also provides leader-ship to modernize, schedule, operate, and maintain all laboratory computer systems associated with F/A-18 combat system life-cycle support. Duties include regular interaction with the F/A-18 IPT Task Team Leads to keep abreast of program objectives, activities, and events that involve/impact the WSSF complex and to report status; near- and long-term planning and budgeting that involves identifying, presenting, and defending resource require-ments; regular interaction with laboratory user communi-ties to assess their satisfaction with laboratory support and to anticipate and keep abreast of changing user requirements and expectations for weapons, sensors, avionics and Operational Flight Program (OFP) laboratoof all Facility modeling and simulation computer systems and desktop computers. Additional duties include clarifying, prioritizing, coordinating, and overseeing the docu-mentation of laboratory development and support requirements; translating requirements for laboratory computer development or update into implementation plans; providing training to users on new laboratory capabilities or operational procedures; leading the operations technical team in maintaining required operational readiness levels for the laboratory complex consistent with cost and schedule agreements; ensuring that good configuration management practices are followed for all laboratory components; and continuously applying new technologies and process improvements to reduce the cost of laboratory operations and sustaining support. Technical Quality-Ranking Factor: Knowledge of combat aircraft weapons, sensors, avionics, and OFP development, integration, and testing. Supervisory Quality-Ranking Factor: Ability to perform first-line supervisory duties and knowledge of affirmative action principles, including a willingness to implement EEO practices. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requir ments for experience, education, and training for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Applicants must be able to obtain and maintain a Top Secret clearance. Full-performance level of this position is DP-3. Notes 2, 3 and 4 apply.

No. 41-012-KR8, Supervisory Engineering or Electronics Technician, DT/DP-802/856-3, Research and Engineering Competency, Systems Engineering Department, Platform Simulation & Integration Laboratory Engineering Division, Carrier Based Tactical Aircraft Laboratory Engineering Branch No. 1 (F/A-18),Code 413100D. Area of Consideration: Current permanent civilian employees at China Lake. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: M. Myers. (760) 939-5995. HRD Contact: Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as a Supervisory Laboratory Operations Team Leader within the Carrier-Based Tactical Aircraft Laboratory Engineering Competency. As a Supervisory Team Leader, the incumbent performs the full range of supervisory duties associated with personnel resource management and development. Via a Task Assignment Agreement (TAA) with the F/A-18 IPT, the incumbent also serves as a key member of the F/A-18 Weapon System Support Facility Task Team. In this capacity, the incumbent serves as the technical leader of an interdisciplinary technical team tasked to schedule, setup, operate, and maintain nine separate weapons, sensors, and avionics systems integration laboratories used to support all variants of the F/A-18 platform. The incumbent also provides leadership to modernize, schedule, operate, and maintain all laboratory computer systems associated with F/A-18 combat system life-cycle support. Duties include regular interaction with the F/A-18 IPT Task Team Leads to keep abreast of program objectives, activities, and events that involve/impact the WSSF complex and to report status; near- and long-term planning and defending resource requirements; regular interaction with laboratory user communities to assess their satisfaction with laboratory support and to anticipate and keep abreast of changing user requirements and expectations for weapons, sensors, avionics, and Operational Flight Program (OFP) laboratory integration and test capabili-ties; and regular maintainance of all Facility modeling and simulation computer systems and desktop computers. Other duties include clarifying, prioritizing, coordi-nating, and overseeing the documentation of laboratory development and support requirements; translating procedures; leading the operations technical team in maintaining required operational readiness levels for the guaranteed. laboratory complex consistent with cost and schedule agreements; ensuring that good configuration manage ment practices are followed for all laboratory compo nents; and continuously applying new technologies and process improvements to reduce the cost of laboratory operations and sustaining support. Technical Quality-Ranking Factor: Knowledge of combat aircraft weapons, sensors, avionics, and OFP development, inte-gration, and testing. Supervisory Quality-Ranking gration, and testing. Supervisory Quality-Ranking Factor: Ability to perform first-line supervisory duties and knowledge of affirmative action principles, including a willingness to implement EEO practices. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements for experience, education, and training for Level 3 of the Systems Planning, Research, Development and Explaneting Acquisition Carace Field Development and Engineering Acquisition Career Field within 18 months of entering the position. Applicants must be able to obtain and maintain a Top Secret clearance. Full-performance level is DP-3. Notes 1, 2, 3 and 4 apply:

No. 471-005-GB8, Administrative Officer, DA-341-3, Cruise Missile Project Office, 471G00D—Area of Consideration: Current permanent civilian employees at China Lake Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Brad Ennen, (760) 939-9253. HRD Contact Kay Behrmann, (760) 939-2736. Permanent Change of Duty Station Authorized: No. Summary of Duties: This position is Business Financial Manage for the Cruise Missile Project Office. Incumbent is the administrative point of contact for all financial and general administrative functions affecting the project office. The incumbent works closely with the project manager, sponsor's financial management team, and other members of the Project Office team, to meet program objectives. Some travel is required. Quality-Ranking Factor: Knowledge of NAWC financial regu-lations, the NIFMAS, WDPS, DRIPS, direct budget formulation, and Supply and Demand Database. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level 3 of Business, Cost Estimating, and Financial Management career field within 18 months of entering the position. Must be able to obtain and maintain a Secret clearance. Promotion potential is DP-3. Notes 1 and 4 apply

No. 75-003-NR8, Public Affairs Specialist, DA-1035-2, Public Affairs Department, Code 750000D. Area of Consideration: Current permanent civilian employ-ees at China Lake. Duty Station: China Lake. Opening Date: 6-11-98. Closing Date: 6-18-98. Selecting Official: Steve Boster, (760) 927-3788 budgeting that involves identifying, presenting, and (DSN 469-3788). HRD Contact: Nancy Robinson, (760) 939-8106 (DSN: 437-8106). Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent is responsible for the coordination of all NAWCWPNS responses to Congressional queries, working closely with senior leadership to ensure adequate responses. Incumbent is also responsible for the coordination of community relations events and represents the Command at the various area chambers of commerce. The position requires the ability to communicate well in writing and orally and the ability to work well with local senior leaders and with requirements for laboratory computer development or update into implementation plans; providing training to users on new laboratory capabilities or operational

> POINT MUGU/CURRENT PERMANENT CIVILIAN NAWCWPNS EMPLOYEES

> No. 5432-01-JM8, (1) Electronics Mechanic, WG-2604-11. Test and Evaluation Competency, Test Article Preparation Department, Weapons Instrumentation Development, Instrumentation Development, Code 543210E—Area of considera-tion: Current permanent civilian NAWCWPNS employees at Point Mugu. Duty Station: Point Mugu. Opening Date: 6-11-98. Closing Date: 6-25-98. Selecting Official: Ralph Durazo, 989-0177. HRD contact: Jan Meadows, 989-3261, Permanent Change of Duty Station Authorized: No. Summary of Duties: This incumbent serves as an Electronics Mechanic in the Instrumentation Development Branch, which is responsible for the design and development of

mammography screening for NAWC/NAWS China Lake employees and their spouses. Valley Technological Services (VTS) will have their mobile mammography unit in front of the Administration Building on 15 and 29 July. The cost of the X-ray exam is \$65. Participants must be at least 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. To schedule an appointment, call (800) 458-3385

The Indian Wells Valley Metal Trades Council is the exclusive labor representative for the bargaining unit of wage-grade employees at NAWCWPNS China Lake. This council is comprised of the following: Carpenters Local #743. Painters Local #52. Pipefitters Local #460, and the International Brotherhood of Electrical Workers Local #45. The President is Bobby Martin, who can be reached at Building 95, located behind the Training Center on Invokern Road, 939-7116, E-mail bmartin@iwvisp.com.

CHINA LAKE

RETIREMENT

LORETTA KIRKPATRICK

Loretta Kirkpatrick is retiring after 30 years of federal service at China Lake. A buffet dinner will be held in her honor at Farris' at the Heritage on 18 June. Social hour will be from 1830 to 1900 with a no-host bar. Dinner will begin promptly at 1900. The cost of the buffet is \$13.50 (including tax and gratuity). Tickets will be sold until 17 June. For tickets, presentations, and information, contact Celeste Moore at 939-1365. Spouses and family are welcome to attend.

HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) Class No. 2 (40 hrs.)

22-26 June; Monday-Friday, 0700-1630; Training Center, China Lake Intended Audience: HAZWOPER classes are open to DOD, civilian, and contractor personnel. This is the last on-Center training opportunity for the 40-hour HAZWOPER class for 1998. State Certificate and 2 units of college credit Cerro Coso Junior College. Enrollment Fee: \$26.00 Course Materials: \$12.00 Job order number required for course materials. Note: Preenrollment required. Enrollment forms are available at 71 Parsons Street, Room 220. For additional information, call Odessa at 927-1529.

HAZARDOUS WASTE WORKERS TRAINING AT CHINA LAKE

HAZARDOUS WASTE WORKERS TRAINING (4 hrs.) (This is not OSHA 1910.120 certified training.)

MAMMOGRAPHY SCREENING

LABOR REPRESENTATIVE FOR

BARGAINING UNIT EMPLOYEES

The Wellness Program (731000D) will sponsor a

22, 23 July; 0730-1130, Training Center, China Lake. By: Environmental Project Office (Code 8G0000D) and the Hazardous Material Management Division (Code 826100D)

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

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

The course will help attendees identify hazardous waste, set up and operate accumulation areas, meet time limits associated with storing hazardous waste, properly label and store containers, initiate emergency response procedures, prepare and submit requests for disposal, and properly conduct accumulation area inspections.

Each class is limited to 25 persons.

Enrollments are on a call-in basis. To enroll or for additional information, call John Salter, Environmental Project Office, 927-1521.

UNIVERSITY OF TENNESSEE (UTSI) MASTERS DEGREE PROGRAM

UTSI's summer session begins on 4 June. The UTSI program, designed for engineering and science majors, leads to a master's of science degree in aviation systems. Prospective students can enroll as either degree or nondegree candidates and receive graduate credit for courses taken. Graduates of either the Navy and Air Force Test Pilot School receive graduate credit for 12 to 15 hours. The cost is \$749 per 3-hour course. Residents of southeastern California may be eligible for in-state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and the state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and the state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and the state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and the state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and the state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic and tapes and \$450 for courses without tapes and \$450 for courses without tapes) as part of the academic and tapes and \$450 for courses without tapes and \$450 for courses without tapes and \$450 for courses without tapes) as part of the academic and tapes and \$450 for courses without tapes and \$450 for courses without tapes and \$450 for courses without tapes) as part of the academic and tapes and \$450 for courses without tapes and \$450 for courses withou demic common market. All 3-hour courses listed are provided on videotape for students to view in their homes. Application fees, forms, and transcripts must be completed before midterm.

For more information, contact the area representative at (760) 927-8874. The UTSI office is in the Family Service Center, Office U, 610 Blandy. Office hours are by appointment only. The deadline for enrollment form completion is 30 June. The following courses are being offered: Summer Schedule

AE 422	Aerodynamics - Dr. Collins	EM 536	Project Management - Dr. Claycombe	
AE 599B	Special Topics in Aerospace Engineering: Aircraft Structures - Dr. Solies	EM 540	Labor Relations - Dr. Steinle	
	Note: Also listed as AS 510C	IE 405	Engineering Economy - Dr. Crest	
AS 500	Masters Thesis	IE 494	Engineering Fundamentals I - Dr. Collins	
AS 510A	Special Topics in Aviation Systems: GPS/GIS and Its Applications - Dr. Paludan	IE 495	Engineering Fundamentals II - Dr. Collins	
AS 510B	Special Topics in Aviation Systems: Fundamentals of Radar and Radar Cross- Section Reduction - Dr. Paludan	IE 591	Special Topics in Industrial Engineering: Systems Engineering - Dr. Hailey	
AS 510D	Special Topics in Aviation Systems: Aviation Human Factors - Dr. Solies			

EMPLOYER DAY

The Family Service Center's Career Development and Resource Center will be hosting an Employer Day at Point Mugu's, base theater on 19 June. This career day will focus on law enforcement and security jobs. Employers expected to attend are the Los Angeles Police Department, California Highway Patrol, Ventura County Sheriff's Department, and possibly other federal, state, and local private security organizations. All military personnel, civil service employees, and their family members are invited to attend. Projected Employer Days are as follows:

17 July	Point Mugu
24 July	Port Hueneme
28 August	Point Mugu
25 September	Port Hueneme

For more information, contact the Family Service Center at 982-6251 or 989-1022.

POINT MUGU

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

Getting help when you have a problem can be a problem. Do you know there is someone you can talk to if you or someone in your family is having difficulties? CEAP services are free and may be used before, during (on administrative leave), or after working hours. Family members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 211 (first floor). The CEAP has a separate exterior entrance on the Wood Road gate at the end of Bldg. 211. All interviews are confidential. For further information, call Paul Sanchez at 989-8161 or Nancy Stock at 989-3225.

LABOR REPRESENTATIVE FOR **BARGAINING UNIT EMPLOYEES**

The exclusive labor representative for the bargaining unit employees of NAWCWPNS Point Mugu is the National

RETIREMENT

STEVE AARDAPPEL

Steve Aardappel is retiring. A farewell luncheon will be held in his honor at Round Table Pizza (721 West Channel Islands Blvd., Port Hueneme) on 22 June at 1130. Reservations required. A \$5 gift donation is suggested. For reservations, gift donations. or more information, contact Ann at 989-7836 or Karimah at 989-8352.

Association of Government Employees (NAGE). The local R12-33 President is Rev. Louis W. Rogers, located in Trailer 10097; he can be reached at 989-1374 or at nager1233@earthlink.net



4B

HUMAN RESOURCES DEPARTMENT INFORMATION

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

LABOR/EMPLOYEE RELATIONS TEAM NEWS

LEAVE DONORS NEEDED

The employees listed were 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; forms for China Lake may be mailed to Leora Chapman, Code 731000D. For additional information, call Estela Padilla at (805) 989-3222, or Leora Chapman at (760) 939-2018.

CHINA LAKE

Herschel Sibley, Code 471110D Herschel is recovering from open heart surgery.

Gail Furnish, Code 841100D Gail is caring for her daughter who has severe

Ann Doty, Code 882000D Ann is under a doctor's care.

Anna Eisert, Code 865000E Anna is recovering from surgery.

Brenda Johnson, Code 522J00E Brenda has undergone surgery and is under a

Carolyn Lee Jordon, Code 7GC000E Carolyn has undergone lumbar spinal surgery.

Debby Casillas, Code 562E00E bie is hospitalized with ulcerative colitis Jeanie Salver, Code 734000D Jeanie is receiving kidney dialysis while awaiting a transplant.

Carol is recovering from reconstructive surge

Frank is recovering from major surgery and is

ohen is caring for a family member.

Lillian is recovering from injuries sustained in an

Lillian Cabello-Razo, Code 731000E

Rick Breitengross, Code 826100D

Rick is recovering from heart problems

Carol Crump, Code 526210D

Frank White, Code 525120E

Stephen McCombs, NMC

undergoing therapy.

auto accident.)

Marvin Kennedy, Code 526220D Marvin is awaiting lower back surgery

Leon Biesiadecki, Code 525220D

Leon is recovering from spinal fusion surgery

Sandy Watson, Code 335000D Sandy is caring for her husband, who is waiting for a kidney and pancreas transplant.

auto accident.

POINT MUGU

Richard A. Czebatol, Code 457300E Richard is undergoing chemotherapy and a bone Charles is undergoing cancer radiation therapy marrow transplant

Vida Nunez, Code 763400E Vida is under a doctor's care following a severe

Norma Lavin, Code 52911EE

Norma had surgery and is under a doctor's care.

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.

PERSONAL SOFTWARE PROCESS (PSP) CLASS

16, 18, 23, 25 June; 14, 16, 21, 23, 30 July; 0800-1600; Training

Center, Point Mugu. Instructors: Brad Clark and Jeff Schwalb Note: Students will need to be present at a majority of these 12 sessions, and structured lessons from the 12 sessions must be complete to receive a certificate from the course.

The Personal Software Process (PSP) class presents a The Personal Software Process (PSP) class presents a process-based method that software engineering can use to apply software engineering principles to their work. The course shows engineers how to plan and manage their work and how to apply process definition and measurement to their personal tasks. It uses quality management principles and the Capability Maturity Model (CMM) framework to instrate the benefits of using sound engineering principles in software nent and maintenance work.

The PSP uses a structured sequence of defined processes-10 software-development and five data-analysis exercises-to demonstrate the methods introduced during the course. From analyzing data on their own work, engineers better understand how these methods work for them and conviction to more consistently use the methods they find mos effective. Engineers finish the course with a better understanding of their own capabilities and an appreciation of the ways in which they can improve personal performance. The PSP thus provides a powerful mechanism for individual and personal growth.

The data on the PSP introduction at several universities and companies show that engineers significantly improve the quality of their work, learn how to plan their projects, and improve their productivity.

To obtain more information or enroll in this class, contact Ruth at 939-7086 (DSN 437-7086

BASIC SUPERVISION (40 hrs.) 15-19 June; Monday-Friday, 0800-1600; Training Center, Bidg. 366, Point Mugu. By: Dr. Terl Mahanay, Supertraining, Inc. Intended Audience: Probationary supervisory personnel. The contents of this course include roles and responsibilities

of supervisors, team leadership, planning and organizing, delegation, interpersonal communication effectiveness, coaching and counseling skills, conflict resolution, motivation, and organizational effectiveness. Learn your own leadership, motivation, and communication styles and how they affect your supervisory style. Practice delegating, drafting performance appraisals, and giving feedback, both positive and negative. This course provides supervisors with the opportunity to "talk

shop" with other supervisors with similar interests and concerns. To enroll, submit an On-Board Training Request (NAWC-WPNS 12410/2) to Mary Glasmann, Code 733000E. For more information, call 989-3982 (DSN 351-3982).

SUPPORTING MICROSOFT WINDOWS 95 (40 hrs.)

15-19 June; Monday-Friday, 0800-1600; 920 Hampshire Rd., Suite

S, Westlake Village. 13-17 July; Monday-Friday, 0800-1600; Training Center, China Lake. By: New Horizons Computer Learning Center (Ken Peterson) Prerequisite: Operational understanding of the implementation and

function of the following: memory, hard disks, types of central processin units, communication ports, display adapters, pointing devices, and basic input/output system. Experience with the Windows 95 or Windows NT 4.0 interface; completion of the Networking Essentials self-study course or equivalent knowledge; extensive experience supporting end users; and the ability to setup, optimize, and customize programs.

Note: Enroll only if you meet the prerequisites. Intended Audience: This course is intended for system engineers and other support professionals who are responsible for implementing, configuring, maintaining, and troubleshooting Microsoft Windows 95. This 5-day, instructor-led course helps students gain the knowledge and

skills to install, configure, customize, optimize, maintain, and troubleshoot the Microsoft Windows 95 operating system. Topics will include Prologue-Choosing the Appropriate Microsoft Operating System, Install Window 95, Supporting Programs in Windows 95, Printing in Windows 95, Configuring Windows 95 Networking Components, Implementing Windows 95 or a Windows NT-Based Network, Interoperating with Netware, Managing Windows NT-Based Network, Interoperating with Netware, Managing Windows 95 User Profiles, Implementing System Policies in Wigdows 95, Internetworking and Intraworking Windows 95, Implementing Dial-Up Networking, Performance Tuning and Optimizing Windows 95, Troubleshooting the Windows 95 Boot Sequence, Troubleshooting Windows 95, and Epilogue-Deploying Windows 95. To enroll at Point Mugu, submit an On-Board Training Request (NAWCWPNS 12410/2) to Felicia Nickelberry, Code 733000E. For further information, call 989-3980 (DSN 351-3980). To enroll at China Lake, submit an On-Board Training Request

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For furthe information, call (760) 939-2349 (DSN 437-2349). **INTRODUCTION TO PROCESS DEFINITION (8 hrs.)**

19 June; Friday, 0800-1700; Training Center, Point Mugu. This class is designed to assist students in documenting and defining processes and is excellent for organizations to start their process definition efforts. However, anyone who defines and documents processes will find this part of the course useful. This course will provide students hands-on experience designing, documenting, and evaluating processes. Feedback chanisms and measurements will be introduced as a vehicle to proce

To enroll or obtain further information, contact Ruth at 939-7086 DSN 437-7086)

CAREER TRANSITION AND RESOURCE CENTER

Martha Harrington, Code 4BT100D

Shirley Carroll, Code 455300D

Shirley is under a doctor's care

Charles Ball, Code 532120E

Anita Retome, Code 455330E

doctor's care.

Benjamin Asuncion, Code 531200E

Benjamin is undergoing chemotherapy and other

Anita is caring for her daughter, who is under a

Martha is recovering from chemotherapy.

Need help formulating future career plans? Unsure of how to repare a resume or complete an SF-171? Confused about the demand for your skills and educational background in today's work environment? Visit the Career Transition and Resource Center (CTRC) at Point Mugu or China Lake for assistance with all your career planning needs. Both sites offer full-service career transition assistance daily and personal career counseling by appointment. Center resources include periodicals, brochures, and books on many topics including career planning, job search strategies and techniques, and retirement. IBM-compatible and Macintosh computers with laser je printers and software are available to help you write your SF-171 or off-612 and resume, determine your interests and values, or search available job listings via bulletin boards. For more information about the CTRC or to schedule an appointment, call 989-3997 (Point Mugu) or 939-0966 (China Lake). Note: The CTRC at China Lake is being relocated to the Family Service Center, Bldg. 02308, 610 Blandy Ave

CSUC COMPUTER SCIENCE ADVISING

Dr. Kent Wooldridge of California State University. Chico will be a China Lake on 19 June to advise current and prospective students in he external degree programs offered by the school in computer science. The programs lead to bachelor's and master's degrees. To make an appointment to see Dr. Wooldridge, call Susan at

530) 898-6442.

INTRODUCTION TO NAVY WORKING CAPITAL FUND (24 hrs.) 23-25 June; Tuesday-Thursday, 0800-1600; Training Center, China

By: Navy Financial Management Career Center This course provides an introduction to the Navy Working Capital Fund (NWCF), how a revolving fund is managed, industrial fund accounting and budgeting within the DON with emphasis on cost accounting, billing and cost control analysis, and unit cost. Concepts covered include general revolving funds, accrual accounting, financial statements, unit cost, cash management, and budget analysis. To enroll, submit an On-Board Training Request (NAWCWPNS

12410/2) to Pat Nogle, Code 733000D. For further information, call 939-3159 (DSN437-3159). Deadline: 15 June

By: Lloyd E. Tooks, Attorney at Law Lloyd Tooks is a prominent attorney in the EEO sector. His experience makes him an invaluable resource for supervisors who want to gain practical, useful knowledge of EEO issues that impact his/her responsibili-ties. This seminar of lecture, questions and answers, and discussion of fact patterns will cover the following EEO subject matter: the federal sector emplaint process (29 CFR 1614), each of the bases of prohibited rimination (i.e., race, color, national origin, sex, religion, reprisal, age, and handicap); the methods by which discrimination is proven (disparate treatment and disparate impact); sexual harassment and the supervisor's obligations in addressing such harassment; affirmative action; and the 10 practices that most often lead to EEO complaints. Emphasis will be on applicable EEO law and recent developments and as well as Mr. Took experience as a practicing discrimination attorney representing federal

All class 24 Ju 25 Ju 9 Juh 23 Ju To e

Code

June 11, 1998

INFRARED WINDOWS AND DOME MATERIALS (8 hrs.)

25 June; Thursday, 0800-1700; Conference Room B/C, Mich Lab, China Lake. By: Dr. Daniel C. Harris

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

Press, 1992), is included with the course materials. To enroll, QuickMail or call Dorothy Wiederhold, Code 733000D, at 939-2359 (DSN 437-2359) with your name, code, social security number and phone number, and verify that you have your supervisor's approval to attend. If you get Voice Mail, leave a complete message.

EEO FOR SUPERVISORS (8) 16 July; Thursday, 0800-1600; Training Center, China Lake. 19 August; Wednesday, 0800-1600; Training Center, Point Mugu.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Nogle, Code 733000D. For further information_call 939-3159 (DSN437-3159)

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

THINKING OUT OF THE BOX: CREATIVE THINKING AND PROBLEM SOLVING (16 hrs.) 21-22 July; Tuesday-Wednesday, 0800-1600; Training Center, Point Mugu. By: Suzanne Hard, Ph.D.

In this course we will show you that creativity in business is a result of playfulness and good humor as well as the ability to put aside logic, practicality, and conventional wisdom once and awhile. You will learn how to generate, manage, and apply ideas more effectively on a daily basis; develop team building skills to creatively solve problems; enhance your brainpower to find better and faster ways to solve problems; identify when

and how to use divergent, convergent, sequential, and generative thinking; overcome mental locks; identify problems; anticipate difficulties; generate creative solutions; develop back-up plans; initiate the plans; and critique the

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

CSUC COMPUTER SCIENCE PROGRAM

The following courses are being offered at China Lake for the fall in the California State University, Chico (CSUC), Computer Science Program bachelor's and master's degrees). To obtain course descriptions, book order forms, registration forms, and tuition-support information for these courses, call Cecil at 939-0878. Classes for the semester are held in the Training Center and begin 25 August and end 17 December, except for CSCI151 and CSCI298C-2, which begin 24 August and end 16 December. With the exception of CSCI151 and CSCI298C-2, the courses are held Tuesdays and Thursdays, and are received via satellite. CSCI151 is held on Mondays and Wednesdays and is on videotape, with a lab on Tuesdays 1700-1800. CSCI298C-2 is on videotape and is self-paced.

CSCI151	Algorit. & Data Structures in C++;1130-1245;Lab1700-1800
CSCI397C-19:	Arch. & Applications of Parallel Computers; 0800-0915
CSCI311:	Object-Oriented Analysis and Design; 0930-1045
CSCI240:	Computer Animation; 1100-1215
CSC1374:	Distributed Database Management Systems; 1230-1345
CSXI397C-25:	Advanced UNIX Systems Programming; 1400-1515
CSCI231:	Computer Graphics; 1520-1630
CSCI298C-2:	Algorithms and Data Structures in Java, self-paced
To obtain more inf	formation, contact Cecil Webb at 939-0878.

CSUB SUMMER COURSE

The following course is being offered this summer at China Lake for the California State University. Bakersfield (CSUB) bachelor's degree program registration forms for this course, call Cecil Webb, 939-0878. Classes will be held at the Training Center from 1610-2110 on the days indicated. The ourse is 5 guarter units (40 hours).

ADM577: Human Resources Management, Tuesdays and Thursdays, 16, 18, 23, 30 June and 7, 9, 14, 21, 23, 28 July

RETIREMENT PLANNING SEMINARS

The following Retirement Planning Seminars will include presentations 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. Presentations will also be given on topics such as financial planning, estate planning, wills and trusts, taxes, etc.

PRE-RETIREMENT PLANNING WORKSHOP (16 hrs.)

Pre-retirement planning workshops are designed for personnel within 5 years of retirement.

11-12 August, Tuesday-Wednesday, 800-1600; Training Center, Point Mugu. 25-26 August, Tuesday-Wednesday, 0730-1600; Training Center, China Lake

MID-CAREER RETIREMENT PLANNING WORKSHOP (8 hrs.)

Mid-career retirement planning workshops are for personnel with more than 5 years of service before retirement.

22 September; Tuesday, 0730-1600; Training Center, China Lake. ember, Tuesday, 0800-1600; Training Center, Point Mugu

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

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (760) 939-4959 (DSN 437-4959)

CPR/FIRST	AID CLASSES AT POINT MUGU	NAVAL SURFACE W (NSWC) C	
The following CPR, Heartsaver II (7 hrs.), lasses will be held at the Training Center.	and CPR/First Aid (8 hrs.) classes are schedule at Point Mugu.	Effectively Working With People Laser Technology Systems and Applications	16-17 June 16-19 June
June (Wednesday)	CPR, Heartsaver II (0800-1500)	Troubleshooting Electronic Equipment	22-26 June
June (Thursday)	CPR, Heartsaver II (0800-1500)	Electronic Communication Principles	18-20 August
uly (Thursday)	CPR, Heartsaver II (0800-1500)	Digital Communications	14-18 September
July (Thursday)	CPR, Heartsaver II (0800-1500)	Digital Devices	22-24 September
	g Request (NAWCWPNS 12410/2) to Felicia Nickelberry,	These courses are sponsored by NSWC and available basis, at no cost. Supervisory permission contact Helen Casteel at (805) 989-3003 (DSN (805) 989-3997 (DSN 351-3997).	

CPR/FIRST AID CLASSES AT CHINA LAKE

The following CPR (4 hrs.) and CPR/First Aid (8 hrs.) classes are schedule at China Lake. All classes will be held at the China Lake Safety Office, Bldg. 00465, Training Room "A."

Tran interior

To enroll, use the on-line registration address http://vulcar/safety/index.htm or call 939-2315.

16 June (Tuesday)
16 June (Tuesday)
17 June (Wednesday)
18 June (Thursday)
23 June (Tuesday)
23 June (Tuesday)
24 June (Wednesday)
25 June (Thursday)
14 July (Tuesday)
14 July (Tuesday)
15 July (Wednesday)
16 July (Thursday)

CPR/First Aid (0730-1630) CPR/First Aid (0730-1630) CPR (0730-1130) CPR (1230-1630) CPR/First Aid (0730-1630) CPR/First Aid (0730-1630) CPR (0730-1130) CPR (1230-1630) CPR/First Aid (0730-1630) CPR/First Aid (0730-1630)

CPR (0730-1130)

CPR (1230-1630)

21 July (Tuesday) 22 July (Wednesday) 23 July (Thursday) 4 August (Tuesday) 4 August (Tuesday) 5 August (Wednesday) 6 August (Thursday) 11 August (Tuesday) 11 August (Tuesday) 12 August (Wednesday) 13 August (Thursday)

21 July (Tuesday)

CPB (0730-1130) CPR (1230-1630) CPR/First Aid (0730-1630) CPR/First Aid (0730-1630) CPR (0730-1130) CPR (1230-1630) CPR/First Aid (0730-1630) CPR/First Aid (0730-1630) CPR (0730-1130) CPR (1230-1630) CPR/First Aide (0730-1630) CPR/First Aide (0730-1630)