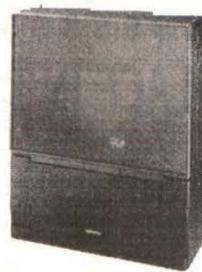


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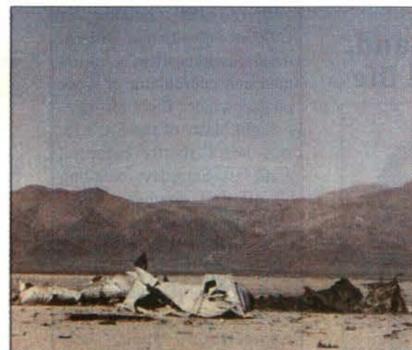
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LIVE FIRE—One of eight live Joint Direct Attack Munitions (JDAM) drops completely destroys an A-6 target aircraft. Seven other live fire tests, part of the JDAM Integrated Systems Evaluation (ISE), were equally successful. In all, 22 test drops were conducted during the ISE, which was completed Jan. 29. The test series was an acquisition reform initiative that gave operational aircrews a chance to evaluate JDAM early in the developmental cycle. Feedback from the aircrews will assist service acquisition officials in the decision to grant JDAM low rate initial production, which is scheduled to be made in April. According to Test Director Maj. John T. Rahm, USMC, "The entire exercise was an overwhelming success." Rahm credits the success to the professionalism of the China Lake JDAM Project Office and China Lake range personnel. See the Jan. 23 Rocketeer for more details on the JDAM ISE.

Agencies gather at CL for Fire S&T Workshop 6

Captain's Cup goes to test squadron 13

Now's your chance; Paul Homer is retiring 16

THE ROCKETEER

THURSDAY, FEBRUARY 20, 1997

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

VOL. 53, No. 4

NAWCWPNS-developed memory loader verifier set goes to the fleet

By Janice Kaspersen

The person who coined the adage about good things coming in small packages probably didn't have in mind memory loader verifiers. However, personnel who load software onto military aircraft may soon find the saying apt for a new piece of equipment developed at NAWCWPNS and recently delivered to the fleet.

The AN/USQ-131 Memory Loader Verifier Set, known as the MLVS, loads both avionics and electronic warfare (EW) software onto aircraft computers. Operational flight programs, geographically specific user data files, threat characteristics for radar warning receivers and software for weapons replaceable assemblies can all be loaded with the MLVS.

Weighing just over five pounds and measuring nine by six inches, the MLVS can easily be carried to an aircraft on the flight line — a tremendous improvement over its two-foot-long, 65-pound predecessor. Connected to the aircraft via a single-point MUX connector or direct cable, depending on the aircraft being supported, the MLVS can load the data in a few minutes.

China Lake became involved in the MLVS development in 1991. Sharon Juarez, team leader at China Lake, explains that one of the lessons of Desert Storm was the

need for an affordable and easily transportable system to load threat data and avionics. Major (then Captain) George Brown, USMC, came up with the initial concept of a rapid reprogramming terminal that would load EW software; he later expanded his idea to include avionics as well. Chris Houlberg at NAWCWPNS Point Mugu did the initial hardware design.

Several other NAWC sites have played a part in getting the MLVS to the fleet. China Lake assumed responsibility for software development and integration testing in 1993. As China Lake personnel completed validation testing of the MLVS for different platforms, the unit was handed off to the Naval Air Warfare Center Aircraft Division Patuxent

River for technical evaluation (TechEval). NAWCAD Indianapolis initially joined the program as the DoD Software Loading Commodity manager and later assumed responsibility for hardware production as well. The MLVS program is sponsored by PMA-260, the Common Support Equipment Office of the Naval Air Systems Command.

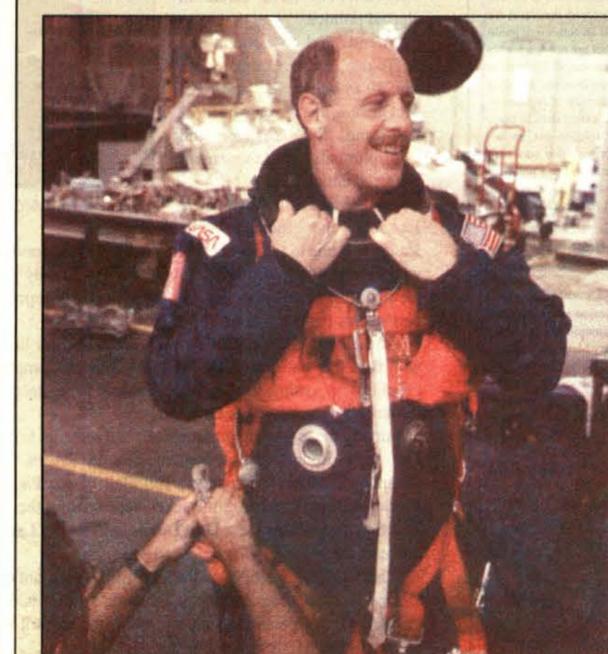
Besides being heavy, older memory loader verifiers were expensive to produce — up to \$200,000 per unit — so few of them were in the inventory. Those that were available had to be transported from aircraft to aircraft, increasing their chances of damage and malfunction. Using commercially available technology, the new MLVS

Please see MLVS, Page 9

'You're not lugging big suitcases up laddermills. You need one cable, one card, take your MLVS and off you go.'

—SSgt. Austin Coen

Shuttle mission commander



FORMER CHINA LAKER—

Astronaut Kenneth D. Bowersox, STS-82 mission commander and former NVWC A-7E Corsair II and F/A-18 project pilot, chats with a crewmate (out of frame) prior to an emergency bailout training session in Johnson Space Center's Systems Integration Facility. Wearing training versions of the partial pressure launch and entry escape suit, Bowersox and his crew simulated an emergency ejection, using the escape pole system on the mid deck, as well as other phases of the mission to complete the servicing and refurbishment of the Hubble Space Telescope. See story on Page 9.

Electronic image from NASA Home Page

Fedcom Computer Center

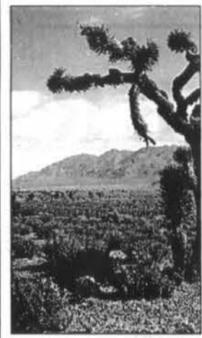
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Weather

	High	Low	Gusts	Humidity
February 5 - 11				
Wed	65	37	17	67-16%
Thurs	59	27	10	54-12%
Fri	59	31	12	53-14%
Sat	59	33	15	47-19%
Sun	62	23	11	71-16%
Mon	63	31	17	58-16%
Tues	71	36	19	49-10%
February 12 - 18				
Wed	65	34	27	72-16%
Thurs	68	40	27	34-10%
Fri	68	28	11	42-13%
Sat	71	31	10	55-13%
Sun	71	39	15	48-15%
Mon	67	45	39	41-17%
Tues	72	42	31	39-10%

China Lake Calendar

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

- Thursday, February 20**
 - National Engineers Week dinner, 6 p.m. at Farris' at the Heritage. Tickets \$18 at the door.
- Monday, February 24**
 - WW 2000 Open Forum, Wreck Center, two sessions, 4:30 and 5:30 p.m.
- Friday, February 28**
 - Deadline for Technical Library "Love my library" contest.
- Saturday, March 15**
 - Bluejacket of the Year Award Dinner at Wreck Center, 6 p.m. Tickets available from command master chiefs.

THE ROCKETEER

RAAdm. Jack V. Chenevey NAWCWPNS Commander
 Capt. Stanley W. Douglass NAWC Commanding Officer

Steven F. Boster Public Affairs Officer

Barry McDonald Editor
 Kathi Ramont Staff Writer

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

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

This deadline also applies to submittals for the NAWCWPNS Announcements 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 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (Select CL_HQ zone, NAWSTAFF_MC mailcenter.) Fax information to 939-2796, or call 939-3354. E-mail address is barry.mcdonald@mail.chinalake.navy.mil. THE ROCKETEER office is located in the Headquarters Building, Room 1017.

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

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

Advertising deadline is noon, the Friday before publication.



The Commander's Desktop

By RAAdm. Jack V. Chenevey
 NAWCWPNS Commander



Question:
 I would like to know by what rules and regulations the VSIP/VERA offering is run. Why the May 3 deadline on the next VSIP/VERA? I had a no-cost counter-offer to present to HRD, but they would not consider it. If NAWCWPNS really wants to encourage people to leave, shouldn't they consider alternatives?

Answer:
 There are no specific rules or regulations driving the May 3 separation date. Additionally there are no specific rules or regulations requiring an organization utilizing VSIP/VERA to start or stop the VSIP/VERA at any given points in time. The May 3 date comes from the NAWCWPNS continuing requirement to reduce overhead and it is the case that earlier in the fiscal year is of more benefit than later in the fiscal year.

May 3 was selected for this reason and because it was the earliest practical date for getting employee commitments and receiving final approvals from NAVAIR and DoD. Unfortunately we do not have the luxury of tailoring the VSIP/VERA windows to every employee's ideal or preferred date.

McQuiston leaves China Lake Land, Sea, Airspace Office for political life

It was an opportunity people in political life relish, a chance to speak to and meet with a small group of loyal supporters on the heels of a successful campaign.

For Jon McQuiston, Kern County's newest first district supervisor, it was also a time to absorb a great deal of good-natured kidding about leaving NAWCWPNS for a career in elected politics.

Friends and co-workers met at Texas Cattle Company on Jan. 29 to briefly fete and roast McQuiston, the former head of the Land, Sea Airspace and Environmental Management Office at China Lake.

For the first time since Leroy Jackson, the Indian Wells Valley is home to the Kern County first district supervisor. McQuiston, who won a close election in November, has already taken his seat on the board of supervisors and has appointed area representatives in all parts of his far-flung district.

At the farewell luncheon, he was recognized for his ability to work with the other partners in the R-2508 Airspace Complex and his contributions in maintaining a strong effort to protect the vast range resources of the Weapons Division.

Among those making presentations and remarks to McQuiston were Cdr. Jerry Budnick, executive assistant to RAAdm. Jack Chenevey, Weapons Division commander; Bill Ball of the Pacific Ranges and Facilities Department; Keith Becker, representing the Naval Weapons Test Squadron China Lake Dust Devils; and Rocky Lane, McQuiston's predecessor.

Also attending were LCDr. R. Borgerding, assistant director, R-2508 Central Coordinating Facility at Edwards AFB; LtCol. Kelley, commander, 412th Operations Support Squadron; and Bill Shelton, director of operations, 412th Operations Support Squadron.

Pages From The Past

Feb 20 & 27, 1987
 NAVAIR's aviation safety award winner for 1986 for all RDT&E facilities is the Naval Weapons Center. Thundering down the road, a herd of runners, 50 strong, led by Bill Wilson and Gill Cornell, started the Over-The-Hill Track Club's annual President's Day 10-Kilometer race. This is Engineer's Week, with a local observance sponsored by the High Desert Engineering Association.

Feb 18 & 25, 1977
 Bettye Rivera Sembach, a teacher at Vieweg Elementary School, was the recipient of NWC's EEO Award during a luncheon on Feb. 9 that was one of the highlights of the local observance of Afro-American (Black) History Week. Singer Ray Charles will appear in concert at the Center theater on Thursday, April 7, for two performances.

Feb 17 & 24, 1967
 Vernon D. Gallaher, of Guidance Evaluation Branch, describes himself as a liaison man and coordinator of work on Sidewinder flight testing. Eight blasts of the fire horn was heard shortly before 2 a.m. last Saturday, recalling all off duty firemen to join those on duty in answer to a two-alarm fire at Vieweg Elementary School. Boxer Archie Moore was guest speaker at Athletic Appreciation Night, held Wednesday.

Feb 17 & 24, 1957
 Crash crews work feverishly to extinguish flames of the wreckage of an F2H2 McDonnell "Banshee" shortly following its crash at NAF. Lt. Charles Duffy was killed in the crash and the plane was a total loss. The State Department of Education withdrew their approval of building plans for a shower and locker room, music room, and shop building for Burroughs High School.

Feb 19 & 26, 1947
 Housing continues to raise a questioning head in the region, with the Federal Housing Authority approval the ultimate goal of all efforts for assistance. Adverse reports from FHA have come in, with "single industry" and "isolation" the key notes for refusal to recognize this area for building loans.

COMMUNITY EVENTS from Page 15

on self-examination, individual instruction, physician examination and if indicated, a mammogram. The Outpatient Surgery clinic is at 1830 Flower Street, Bakersfield. Call 326-2170 for an appointment.

Upcoming events at the Sierra Desert Gun Club include the annual installation banquet at Farris' at the Heritage Monday, Feb. 24, at 6 p.m., and hunter safety classes May 17 and 18. For information call Mike Martyn at 377-5695.

Community Connection for Child Care in Ridgcrest is now offering "Operation Car Seat," a child passenger

safety workshop. Through a program of the Kern County Health Department, income-eligible parents who attend this free training can receive a \$35 voucher towards the purchase of a five point convertible car seat. This seat is appropriate for most newborns and children up to 40 pounds. The next workshop will be held at 9:45 a.m. Wednesday, Feb. 26, at Community Connection, 237 W. Ridgcrest Blvd., Suite D. The training lasts just over an hour and is for parents only. Registration is required. Please call 375-3234 for more information.

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Sexual Assault Response Team and the Women's Shelter Network to provide training with sexual assault and victims of domestic violence. It starts Wednesday, March 5, 6:30 to 9:30 p.m. It will be a 13-week course held each Wednesday. For more information call 446-7491.

Indian Wells Valley Concert Association will present Patrick Rindt, pianist, at the China Lake Auditorium on Thursday, March 13.

Rindt is a 1993 graduate of Burroughs High School and in his fourth year of studies at the University of Southern California School of Music. For more information call 375-5600.

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Vin# 01400
Kelley Blue Book \$12,800
NO BULL PRICE \$10,900*

1996 TAURUS GL 4DR
V-6, auto, air cond, alloy wheels, power windows, power locks, tilt, cruise & more!
Vin# 15620
Kelley Blue Book \$17,410
NO BULL PRICE \$13,996*

1994 FORD ASPIRE 3DR
4 cyl, 5 spd
Vin# 03806
Kelley Blue Book \$7,020
NO BULL PRICE \$3,995*

1995 FORD MUSTANG LX 2DR
Auto, air cond, AM/FM cassette, power windows, power locks, cruise control & more!
Vin# 40558
Kelley Blue Book \$9,670
NO BULL PRICE \$7,500*

1994 LINCOLN TOWN CAR
Signature Series, cloth seats, alloy wheels, premium sound system & more!
Vin# 01925
Kelley Blue Book \$25,800
NO BULL PRICE \$19,900*

1994 ESCORT GT
Automatic, air cond., C.D. Player, power windows, power locks, cruise control, moon roof & more!
Vin# 34281
Kelley Blue Book \$12,350
NO BULL PRICE \$9,500*

1994 TAURUS LX WAGON
3.8L V-6, auto, air cond., moon roof, leather seating, alloy wheels & more!
Vin# 10245
Kelley Blue Book \$14,670
NO BULL PRICE \$11,900*

1996 WINDSTAR GL
Auto, air cond, tilt wheel, cruise control, caps. chairs & more!
Vin# 27781
Kelley Blue Book \$18,065
NO BULL PRICE \$15,500*

1996 E-350 CLUB WAGON
15 pass., 460 V-8, dual air, C.D. Player, tow pkg., privacy glass & more!
Vin# 16651
Kelley Blue Book \$24,715
NO BULL PRICE \$20,900*

1995 F-150 FLARESIDE 4X4
5 spd, air cond., C.D. Player, power windows, power locks, cruise, alloy wheels & more!
Vin# 12485
Kelley Blue Book \$18,785
NO BULL PRICE \$14,900*

1991 MERCURY COUGAR LS
V-6, auto, air cond., AM/FM cassette, power windows, power locks, tilt, cruise & more!
Vin# 50203
Kelley Blue Book \$10,710
NO BULL PRICE \$7,900*

1994 FORD F-250 P/U
460 V-8, auto, air cond., XLT pkg., AM/FM cassette, tow pkg & more!
Vin# 71510
Kelley Blue Book \$19,175
NO BULL PRICE \$14,900*

1995 RANGER STX 4X4
V-6, 5 spd, air cond., AM/FM cassette, tilt, cruise, alloy wheels & more!
Vin# 35274
Kelley Blue Book \$18,840
NO BULL PRICE \$13,500*

1994 F-150 LIGHTNING
H.O. 351 V-8, auto, air cond., 17" wheels, AM/FM cassette & more!
Vin# 36309
Kelley Blue Book \$20,320
NO BULL PRICE \$15,900*

1995 MERCURY VILLAGER LS
V-6, auto, quad captains chairs, dual air cond., prem. sound system, alloy wheels & more!
Vin# 99752
Kelley Blue Book \$22,500
NO BULL PRICE \$17,900*

1996 BRONCO XLT 4X4
5.8L V-8, auto, air cond., leather seats, tow pkg, alloy wheels & more!
Vin# 58991
Kelley Blue Book \$27,670
NO BULL PRICE \$24,996*

1994 EXPLORER SPORT 2DR
2wd, v-6, 5 spd, air cond., AM/FM cassette, alloy wheels, roof rack & more!
Vin# 59716
Kelley Blue Book \$18,060
NO BULL PRICE \$13,900*

1994 F-150 LONG BED P/U
6 cyl, 5 spd, air cond., aux fuel tank & more!
Vin# 39342
Kelley Blue Book \$14,385
NO BULL PRICE \$10,900*

1994 EXPLORER LIMITED 4X4
V-6, auto, leather seats, C.D. Player, premium sound sys., roof rack, caps. chairs & more!
Vin# 14677
Kelley Blue Book \$25,920
NO BULL PRICE \$20,900*

1994 FORD F-150
V-8, auto, air cond., XLT, power windows, power locks, AM/FM cassette & more!
Vin# 61453
Kelley Blue Book \$18,320
NO BULL PRICE \$14,500*

1994 AEROSTAR XL
5 pass, V-6, 5 spd, air cond., & more!
Vin# 90479
Kelley Blue Book \$12,770
NO BULL PRICE \$9,500*

1996 RANGER SUPER CAB
V-6, 5 spd, air cond., XLT pkg, AM/FM cassette, bed liner, alloy wheels & more!
Vin# 68580
Kelley Blue Book \$16,405
NO BULL PRICE \$15,500*

1994 TOYOTA KING CAB
5 spd, air cond., AM/FM cassette & more!
Vin# 07900
Kelley Blue Book \$16,675
NO BULL PRICE \$14,500*

1992 MITSUBISHI MIGHTY MAX 4X4
V-6, 5 spd, power steering, air cond & more!
Vin# 13981
Kelley Blue Book \$9,500
NO BULL PRICE \$7,800*

1994 FORD F-150
5 pass, V-6, 5 spd, air cond., & more!
Vin# 90479
Kelley Blue Book \$12,770
NO BULL PRICE \$9,500*

1996 RANGER SUPER CAB
V-6, 5 spd, air cond., XLT pkg, AM/FM cassette, bed liner, alloy wheels & more!
Vin# 68580
Kelley Blue Book \$16,405
NO BULL PRICE \$15,500*

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*All prices plus doc fee, tax & lic. All vehicles subject to prior sale. Prices good through February 27, 1997

Honor local military, buy tickets now

Top senior and junior Sailors to be selected at Bluejacket of the Year Award presentation

Reservations for the annual Indian Wells Valley Council of the Navy League's Bluejacket of the Year Award Dinner are now being taken. The top senior and junior Sailors from China Lake will compete for money and prizes on Saturday, March 15, at the NAWS Wreck Center at 6 p.m. The competition consists of a senior

(E-5/6) and a junior (E-4 and below) nominee each from Naval Air Weapons Station, Naval Weapons Test Squadron, Air Test and Evaluation Squadron Nine (VX-9) and Branch Dental Clinic.

Nominees for Senior and Junior Bluejackets of the Year are, from NAWS, AC1(AW) Mark D. Prestel and AZ3 Debra A. Thomas; from VX-9, AZ1



Angela L. Steiert and AD3 Richard J. Hatfield; from BDC, DT1 Pamela R. Joe and DT3 Misty L. Provence; and from WTS, one candidate, AO1 John W. Barfield.

Navy League president Warren Seal and Ridgecrest Mayor Bill Lalor will announce the winners. Tickets are \$17.50 per person and can

be purchased from the IWV Navy League, P.O. Box 2070, Ridgecrest, CA 93556, or your command master chief.

Editor's Note: In the Feb. 6 issue of The Rocketeer, AZ3 Debra A. Thomas was incorrectly identified in the candidate profile article as "Smith." We apologize for any inconvenience or embarrassment this may have caused.

DT1 Pamela R. Joe

Norton, Va., native, Senior Bluejacket candidate, DT1 Pamela R. Joe attended J.J. Kelly High School, graduating in 1981. While in school she was a member of the girls' basketball team, track team and a cheerleader.

She joined the Navy on the Delayed Entry Program in August 1984. After basic training in Orlando, Fla., she attended apprenticeship training, where she finished at the top of her class. She was then meritoriously advanced to E-2. Her first tour of duty, as a deck seaman, was aboard the USS Yellowstone based out of Norfolk, Va.

In April 1987 she was selected to attend dental technician "A" School in San Diego, once again finishing at the top of her class. Following graduation she stayed at the Naval Dental Center in Norfolk and advanced to third class.

Her next duty station was at the Naval Dental Center, Pearl Harbor, Hawaii, where she advanced to second class in January 1992. She then attended dental administrative "C" school and was given orders for China Lake.

At the Branch Dental Clinic she is the leading petty officer and was selected as the Naval Dental Center, Long Beach Senior Sailor of the Quarter. In December 1996 she was promoted to dental technician first class. She is the recipient of three Good Conduct Medals. Joe has actively participated in base



DT1 Pamela R. Joe

activities, including the Black History Month luncheon and the Asian Pacific Heritage Month and Hispanic Heritage Month celebrations. She also was a volunteer at MWR's Navy Birthday Picnic last October.

An active member of the local community, Joe serves as an assistant den leader for Cub Scout Pack 805, Den 4. She is a member of the Vieweg Elementary Parent Teachers Association and volunteers at school events. And she has participated in several local charity walk-a-thons.

Joe recently accepted 36-month orders to Singapore.

Petty Officer Joe and her husband, Loyad, have an 8-year-old son, Robert, and a 2-year-old daughter, Jasmine.

DT3 Misty L. Provence

While in high school in Decatur, Texas, Junior Bluejacket candidate DT3 Misty L. Provence was selected twice to be in the "Who's Who of America." She joined the Navy in 1993, because, she said, she wanted to serve her country and see the world.

She completed boot camp in Orlando, Fla., then attended dental technician "A" school in San Diego. From there, Provence was sent to China Lake. During the summer of 1994 she volunteered for a three-month temporary duty assignment at the parent command in Long Beach. There she achieved qualification as a prophylaxis technician and assisted the dental officers in all phases of clinical dentistry. She has also received additional training in supply and infection control.

During her three years in the desert, Provence has been active in the command and in the local community. She received a letter of appreciation for her support of Operation Stand Down, in which she provided dental services to homeless veterans in San Diego, and for her organization of the local Combined Federal Campaign. She has also helped with the Navy Marine Corps Relief Fund Drive. Provence received a Navy Good Conduct Medal and outstanding evaluations at her last two uniform inspections. She completed military Hospital Corps correspondence courses and advanced dental assisting.

Provence is continuing her education at Cerro Coso Community College.



DT3 Misty L. Provence

In December 1996 she was frocked to dental technician third class.

In 1995 she was awarded custody of her 11-year-old brother, Jerry. "This has provided me with new and rewarding responsibilities," Provence said.

She has since served as team mother for Jerry's IWV Jr. Soccer Team, and the duo were awarded Yard of the Month last November by the Housing Office.

She has participated in several charity walk-a-thons and volunteered to assist with preparations for the Navy Birthday Picnic, National Hispanic Heritage Month and Asian Pacific Heritage Month celebrations and the Black History Month luncheon.

Provence is continuing her education at Cerro Coso Community College.

IWV Chief Petty Officers Association makes donation

BLUEJACKET DONATION—Members of the Indian Wells Valley Chief Petty Officers Association recently donated \$500 toward prize money for the Senior and Junior Bluejacket of the Year Awards. On hand at the presentation were (l-r) OCS(SW) Dennis Harden; IWV Navy League President Warren Seal; Bluejacket Chairman Teri Morrow; and HMCS Stan Dame. The dinner, now in its 28th year, awards China Lake's top Sailors and Marines for the previous year's work efforts. NAVWCWPNS Commander RAdm. Jack Chenevey will be guest speaker.



Photo by Kathi Ramont

Chapel Call Presidential heroes

By LCdr. Patrick J. McCormick
Command Chaplain



Monday we commemorated "Presidents' Day," a federal holiday. In a society seeking heroes, we have been blessed with at least two presidents who truly stand out among all the rest: our first president (1788-96), George Washington, and our sixteenth president (1861-65), Abraham Lincoln.

Both men experienced great disapproval from the people they were trying to lead; both men had a vision for our country well ahead of the people, but a vision that would require great sacrifices to fulfill.

George Washington led an army that won no significant battles until the very last battle of the Revolutionary War. The best he could do was to strategically retreat time and again to deny victory to the enemy. The people of his day kept demanding a sign of victory, but he could only give them a hope of ultimate victory, based on wisdom and perseverance.

Abraham Lincoln almost single-handedly entered the Union into a great struggle over preserving the nation as one and freeing the slaves. While he was popular enough to win an emotional election, very few in the North had the will to pay

the price of the vision of a nation that Lincoln alone had. During most of his first term, he was highly unpopular and even encountered riots in New York City on the part of those being conscripted into the Army. All liked his idealism and vision, practically none wanted to make the sacrifices necessary to bring them about.

And so these two great presidents stand out as heroic leaders in the history of our nation. They were men who were determined and strong enough and clever enough to get a nation to do what it must do to realize its potential for greatness. Both experienced much unpopularity among their fellow citizens. The unique greatness of both was never recognized until after their deaths.

We pause this month to honor two great presidents and to give thanks that in our history such great leaders have arisen to enable us to do what is necessary to be a great nation. We must also learn from our history and not be too quick to follow those who offer easy solutions to difficult problems. We must have the courage as a people to give leadership to those wise and courage enough to lead us into true solutions.

IRS admits military taxes confusing

WASHINGTON — Internal Revenue Service officials admit military personnel may have a confusing time trying to fill out federal tax forms, thanks to the various pays and allowances.

For example, combat or hazardous duty pay should be taxable because it's pay, right? It depends, said IRS officials, on the individual's rank and the length of duty in the declared combat zone.

Check with LNI Fayne Overton at the China Lake JAG office at 939-2203 for tax assistance. In addition, IRS offers

two free guides published specifically for military members: IRS Publication 3, Tax Information for Military Personnel, and IRS Publication 945, Tax Information for Those Affected by Operation Desert Storm.

IRS Publication 3 explains military and special pays, deductions, dependency exemptions and other tax areas related to military personnel, said IRS officials, while IRS Publication 945 discusses tax-free income, filing extensions and other tax aspects.

NEX undergoes system changes

Dear Navy Exchange Shopper:
Your Navy Exchange System has undertaken an austere advancement. Currently operating with out-dated computer systems, Navy Exchanges worldwide will be completely modernized by the close of 1997. Operations today center around a great deal of manual labor, old-age methods and inadequate information systems. 1997 brings the largest leap in a three-step process of technological advancement involving a computerized buying and merchandise system, an intricate warehousing system, electronic accounting, computerized personnel management and the most advanced communication and information system available today.

You may have noticed the new computerized cash registers installed last summer; these registers were the first phase of modernization. We are now undertaking the crucial next step in modernization — complete computerization of our regional warehouse. Our warehouse in Chino, Calif. services every Navy Exchange on the West Coast and overseas. On Feb. 1 we installed and turned on the most modern warehousing computer system in the retail industry today. This system allows us to maintain perpetual inventory and rapidly fill requests

from Exchanges up and down the West Coast with the quickest turnaround time since the Navy Exchange began.

We are pushing the technological envelope and bringing the most modern and convenient systems to our stores so we may best fulfill customer needs. However, we are currently experiencing typical setbacks which accompany any great leap in technology.

Our warehouse system is currently operating at an extremely slow speed as compared with the demands coming in from your local Navy Exchanges. This is causing a dramatic backlog in merchandise requests which we are unable to process. This backlog has begun to affect the stores on the West Coast through empty shelves and unavailable merchandise.

Computer systems analysts are working around the clock to rectify this situation. We recognize the inconvenience this modernization effort is causing you and we appreciate your continued loyalty and patronage. We expect you will find a stronger, better and more modernized Navy Exchange waiting for you in the near future.

Capt. T. J. Hammons
Navy Exchange Commanding Officer

FSC Happenings

Ongoing and upcoming classes

All classes will be held at the Family Service Center, 610 Blandly Ave., unless otherwise stated. These classes are open to all military members and their families. DoD civilians and contractors are welcome on a "space available" basis.

Each Tuesday, 1-5 p.m., **DANTES Testing**. This covers CLEP (College Level Examination Program) and DSSTs (DANTES Subject Standardized Tests). CLEP tests are usually for freshman and sophomore courses. DSSTs are comparable to the final or end-of-course exam in college or technical subjects.

Testing is free to the military. Family members can use this service, but a fee of \$40 for CLEP and \$25 for DSSTs is charged. Registration is required. Call Joan

at 939-0966 by close of business one week before testing date.

March 25-28, 7:30 a.m.-5 p.m., **TAP Class**. Essential class for all military leaving the service. Be sure to go through your command career counselor to sign up.

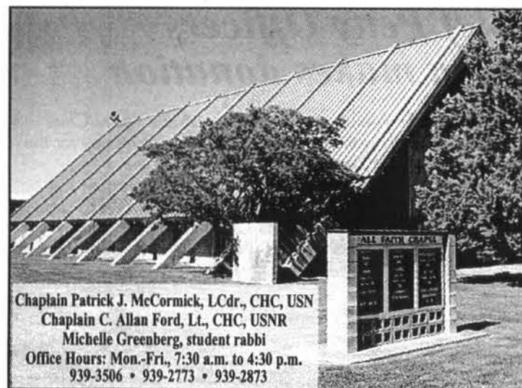
Important notice
The Family Service Center staff will be at training at Point Mugu Feb. 26 through 28. Red Cross, Embrey-Riddle University, University of Tennessee Space Institute, Laubach, Women's Center and Navy-Marine Corps Relief will be operating their usual hours.

The Family Service Center staff will be back to their offices on March 3 for business as usual. We are sorry for any inconvenience this may cause you.

All Faith Chapel Services

Equipment for the hearing impaired and nursery are available

Protestant		Roman Catholic	
Sunday Worship Service, Main Chapel	10:30 a.m.	Sunday Mass, Main Chapel	9:00 a.m.
Sunday School, Sept. - May,		Daily Mass, Blessed Sacrament Chapel	11:35 a.m.
1008-10 Blandly & 1903-05 Mitscher	9:00 a.m.	Confessions, Sundays	8:00 - 8:30 a.m.
Bible Study (East Wing), Sept. - June, Wednesday	11:30 a.m.	Confessions, Weekdays	By appointment
Men's Prayer Breakfast, East Wing, Thursday	6:00 a.m.	Religious Education Classes,	
Adult Bible Study, East Wing, Thursday	7:00 p.m.	Sept. - May, Sunday, 1002 Blandly,	
Jewish (375-0385 Messages)		1008-10 Blandly & 1903-05 Mitscher	10:30 a.m.
Weekly Services, Friday, East Wing	7:30 p.m.	Islamic	
Adult Education, Oct. - June, Saturday, 1902 Dibb	10 a.m. - noon	Jumaa Prayer, Friday (1062 Blandly)	1 p.m.
Hebrew Classes, Oct. - June, Saturday, 1902 Dibb	2-5 p.m.		
Religious School, Sept. - June, Sunday, 1902 Dibb	9 - 11 a.m.		
Jewish Classes (when Rabbi is here)			
Four years and up: Friday, 1902 Dibb	5 - 7 p.m.		
	Sunday, 1902 Dibb		
	9-11 a.m.		



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

Leisure Lines

MWR Management Team, NAWS, China Lake, CA

Navy Morale, Welfare and Recreation



Caution: Bingo raises fun pressure

Did you know Wreck Center Bingo has some of the largest jack pots in the entire Indian Wells Valley? Who needs lottery. Play to win every Tuesday evening at 6:30 p.m. Food and beverage specials mark the spot. For details, call 939-8660.

Amazing Deals

Grab your Sunday paper, car keys and enjoy a hot breakfast and a game of spades, hearts or pinochle with an informal tournament format every Sunday in the Wreck Center. First deal is on us... IT'S FREE. just by calling 939-8660.

Feeling out of Step?

Dance lessons feature instruction for the Two Step, Line Dancing, Swim, Waltz and even the Cha-Cha. Hey! You don't even need a partner. Customers under 18 years must be accompanied by an adult. Lessons are March 3, 10, 17, 25 and April 7, 14 & 21 at the Wreck Center. That's not all... it's FREE when you call 939-8660.

MARCH MADNESS! LIVE SATELLITE SPORTS AT THE WRECK CENTER MARCH 13-31.

Isn't Eight Weeks of Fun Worth \$18.00?

Announcing Captain's Cup Bowling at Hall Memorial Lanes. New program begins March 31 for eight weeks of exciting bowling fun. Games every Monday at 6:00 p.m. Four players per team of active duty military and their adult family members. Where else can you have eight weeks of bowling for only \$18.00 per person. Sign-up today at Hall Memorial Lanes. Call 939-3471.

New! Tee Times for Military

Starting March 19, active duty military receive advanced weekend tee times by calling Wednesday mornings at 7:00 a.m. Retired military call on Wednesdays at noon and all others call on Thursday prior to 7:00 a.m. To get your tee time, call 939-2990.

At Last, Jack Pot Bowling for Only \$10

At last, military no-tap bowling excitement comes to Hall Lanes March 15 at 11:00 a.m. for only \$10.00 per person. Open to Active duty military, retirees and their adult family members (18 and up). Sign-up today! Ask for Terry Duncil at 927-2018.

Discover Your Hidden Hockey Talents!

Attend our adult in-line hockey clinic from February 19-March 28 on Wednesdays at 7:00 p.m. on the Outdoor Rink. Clinic for men and women 18 years and up. Best of all... all equipment included-giving you an opportunity for trial without a lot of expense. If you miss the first day or two, don't worry! Fees: Military-\$6.00, DoD-\$10.00 and Community-\$15.00. You can join the fun any time. Call 939-6884.

How You Can Become an Artist Overnight

BY DESIGN ONLY
Learn greenware cleaning, design, coloring and firing on March 7 through 28 on Thursdays from 6:00 p.m. to 8:00 p.m. in the Craftech Center Fees: Military-\$15.00, DoD-\$17.00 and Community-\$19.00.

MASTERPIECE IN A DAY WITH DON!
Renown artist, Don Banfield, teaches an all day oil painting workshop. Your theme is *Killer Whales in Northwest Waters*. Class is March 22, 9:00 a.m. to 4:30 p.m. at the Craftech Center. Fees: \$35.00 per person. Bring your own tools.

EGGS MADE TO ORDER
Make specialty panoramic eggs in one session at Craftech. Class teaches a simple and dynamic method that everyone can do. Pick a time/s!
March 2, 2:00-4:00 p.m.
March 5, 6:00 p.m.-8:00 p.m.
March 6, 1:00-3:00 p.m.
Includes all supplies for Military-\$12.00, DoD-\$14.00 and Community-\$16.00

FOR YOUR MAGNUM OPUS, CALL 939-3252.

Don't Take Chances with Your Pets Health

Military pet owners are encouraged to attend the Craftech Well Animal Clinic scheduled for March 6 from 9:00 a.m. to 11:00 a.m. Service is for domestic animals who are not ill and need shots or a checkup. For your appointment, call Craftech at 939-3252. Spaces are limited.

A Call of Tremendous Importance

Let our certified personal trainers write and oversee an exercise prescription especially for you at the Sports & Fitness Complex. Fees: Military-\$13.00, DoD-\$19.00 and Community \$25.00. Multiple sessions lowers hourly rate. For your appointment, call either Loy, Carla or Daryl at 939-2841.

Warning: We're Coming out Swinging

China Lake Golf Course Manager, Robert Booker, is now giving the *personal touch* to perfect your swing or game. For only \$25.00, you'll receive a private golf lesson. For details, or an appointment, call Robert at 939-2990.

Is Your Child's Happiness Worth \$36.00 or Less?

6th to 12th graders are invited to join the Teen Center for a trip to the magical world of Disneyland. Be prepared for an all day adventure of music, rides, food, games and more on February 28. Van leaves from Teen Center parking lot at 7:00 a.m. Fees are Military \$32.00, DoD-\$34.00 and Community \$36.00. You'll want to bring Food and spending money. RSVP by calling 927-8336 before February 26.

PJ'S Spring Party

Teen Center hosts a spring break pajama lock-in party on April 1 from 6:30 p.m. to April 2, 7:00 a.m. for 6th through 12th graders. Lots of activities are planned. Fees are Military-\$8.00, DoD-\$10.00 and Community-\$12.00. Reservations required by calling 927-8336 before March 27.

Attention Military: Indulge Yourself Four Ways.

Take the leap of your life! Travel to the Las Vegas/Boulder City Airport with us on March 1. Your adventure begins at the CBQ parking lot at 7:00 a.m. and ends at 8:00 p.m. You must get command approval and some restrictions apply. Trip for active duty military only. Fee: based on class size, \$160.00 per person. Reservations required by February 24.

Travel to Mammoth Ski Resort and learn how to ski or snowboard on March 7. Sorry-for first-timers only! Skiers leave CBQ at 5:00 a.m. with a breakfast stop in Bishop, CA. Tired skiers leave Mammoth at 4:30 p.m. with a dinner stop in Bishop. Trip is for Active Duty Military. Fees: \$51.00 per person (Includes transportation, equipment, novice lift ticket and even group lessons).

CBS studio gives prizes to you for winning when you hear your name and *Come on down* on March 19. Van leaves the CBQ parking lot at 5:30 a.m. For Active Duty Military and their family members over 18 years of age. Space is limited. Priority is given to first-come-first served basis. Fee: \$5.00 per person (Includes transportation only). Reservations requested by March 14.

Attend a FREE live taping of the *Crook & Chase Show* at CBS studios on March 21. Van leaves the CBQ parking lot at 6:00 a.m. Trip is for Active Duty Military and their family members over 18 years. Bring your sack lunch or money for a hot lunch. Reservations requested by March 14. Space limited.

Get the Scoop from Charmaine at 927-4386.

Retirement party reservation deadline is today

Feb. 28: A night for getting even with Paul Homer

By Kathi Ramont
Staff Writer

During the past 35 years Paul Homer, national 4.7 competency leader and head of the Weapons/Target Department, said he has performed master of ceremony duties at more retirement parties than he can count. On Friday, Feb. 28, Homer will be guest of honor at his own retirement party, and he's expecting pay-backs. "I won't be surprised at anything that happens that night," he said in a pre-retirement interview.

A junior professional when he came to the Naval Ordnance Test Station China Lake in 1962, Homer's career took him all the way to the Senior Executive Service level. "It's hard to believe it has been 35 years," he said. "My first job after my JP tour was working for the early Shrike Program with Bill Porter out at Hangar 1. I was working on the Emergency Shrike Effort to support the Cuban crisis. That was in the simpler days when branches were called Branch A, B or C. And divisions were called Division 1, 2 or 3."

Homer came to China Lake after completing his bachelor's degree in physics from the New Mexico Institute of Mining and Technology at Socorro. He also holds a master's degree in engineering from the University of California at Los Angeles, earned while working full time at the then Naval Weapons Center. He earned a master's degree in management from M.I.T. under a Sloan Fellowship during a one-year sabbatical in the mid-80s. And he is a graduate of the Federal Executive Institute.

"I think Lew Ballenger (associate head of the Threat/Target Systems Department) and I are the only two Socorro alumni left," Homer said. "I'm in the top 30 with years of service now." (Actually, according to the payroll office, Homer is number 34.)

Homer told the story of his last JP tour. "I'd set up the tour nine months before, and when I arrived at my new work site for the first time, the branch head had forgotten I was coming. Of course, things were booming then, and the mission had changed, and the branch had doubled in size. So while we were deciding what to do with me, in walked another JP. Since I'd been there longer than he had, the branch head told me I was in charge of the new JP and to go find work! Of course, in a day or two we had it all figured out."

In 1967 Homer was selected as head of the Analysis Branch of the Weapons Analysis Division. He worked on programs such as the OV-10 NOG, Project TRIM (A-6 TRAM) while branch head, which led to an appointment as chairman of the Joint Service Delivery Accuracy Working Group in 1968.

Named head of the Weapons Analysis Division in 1974, Homer served as NWC's System Investigations Technology Manager, the Navy's representative on an international weapons design, target vulnerability and terminal effects panel. He also chaired the Joint Service

CRADA relationship with Thermal Jarrell Ash featured in PBS program

Thermo Jarrell Ash Corporation of Franklin, Mass., the cooperative research and development agreement (CRADA) partner in Dr. Michael Seltzer's continuous metals emissions monitoring project, has agreed to sponsor a broadcast of the Public Television-produced program "American Environmental Review." Seltzer, an analytical chemist in the Research and Technology Division, said this segment will provide high visibility to the research and development work done here at China Lake.

Air-to-Surface Weapons Effectiveness Committee.

Moving to head the Weapons Synthesis Division in 1977, Homer directed the conversion of an analog simulation capability to a modern hybrid digital/analog missile simulation facility. In addition to three other collateral assignments, Homer was appointed to the steering committee of the Joint Technical Coordination Group for Munitions Effectiveness and was the pay and compensation task team leader when NWC and the Naval Ocean System Center (NOSC) in San Diego implemented the civilian personnel demonstration project.

Selected for the Senior Executive Service and named department head and Assistant Technical Director for Development (Electronic Warfare), Homer has since played a key role in China Lake's program management responsibility for the Low Cost Seeker Program.

He also served as co-chairman of the Naval Air Systems Commands Electronic Warfare Advisory Group and as chairman of the Professional Council of Federal Scientists and Engineers.

In a January 1987 article in *The Rocketeer*, Homer said that it was China Lake's philosophy of management, encouraging the creativity of personnel that drew him here. Giving individuals the opportunity to exercise their own skills in working on projects that have the potential to provide

increased capability to the fleet is important, he said. "Management," said Homer, "has allowed this to happen by directing resources to encourage and fertilize creativity."

When Homer returned from his year on the east coast in 1988, Gerry Schiefer, then technical director, asked him to return to Code 35, Electronic Warfare. That department became the Attack Weapons Department when the Weapons Division was formed. From there he went to the Weapons Directorate, which under the competency aligned organization became the Weapons Targets Department in the spring of 1994.

"I think the most interesting and exciting times for me," said Homer, "were the first half of the 80s. Trends were in the right direction then. It was a lot like the 60s when I first came here. We were hiring a large number of JPs each year. Under the Reagan administration the money was there. We had a huge variety of programs, an unlimited number of things you could work on. There was a freedom of choice for the engineers to decide what project to work on." Homer added that he's encouraged by the newer JPs he's met recently. "They are really impressive," he said.

Recognized by senior management as an innovative manager, Homer's perseverance and support helped make numerous technical advancements possible during his tenure at China Lake. In 1984 Homer received the L.T.E. Thompson Award, and in 1987 the Navy Meritorious Civilian Service Award.

Describing Homer as one of the last of the "original" China Lakers, Carol Barry, executive assistant to two former technical directors and the current NAWCWPNS

This program, hosted by Charlton Heston, is produced by WJMK in Boca Raton, Fla., and has a guaranteed viewership in excess of 29 million. Included in this broadcast will be a technology feature that will highlight TJA's role in the development and manufacture of state-of-the-art analytical instrumentation and their current association with the Navy at China Lake in developing a system capable of real-time detection of hazardous air pollutant metals in the flue gases of boilers, incinerators and furnaces.

executive director Sterling Haaland, said Homer is one-of-a-kind personality. "He's always said, just get it done and apologize later," she said.

When asked about what it was like to work with Paul Homer, Linda Murray, head of staff at Systems Engineering Division, said that after working together for 18 years, she has a lot of Paul Homer stories, but



Paul Homer

she's saving the best ones for the party. She did tell the story about the time the fire department had to come to her Michelson Lab office because Homer set a hollow wall on fire. "Back in the days when people smoked in their offices, Paul would stand in my doorway to talk and he'd flick his cigarette ashes into a hole in the door jam. Unfortunately, someone else had stuffed paper down that hole, and it caught fire. The mess got bigger when Paul tried to put the fire out with hot coffee and it ran out the wall and all over the carpet."

Murray also said that Homer was particularly proud of his Yard of the Month Award he received from the Housing Office. He was one of the last civilians to move off base into Ridgecrest.

Homer and his wife of more than 40 years, Patricia Ann, have three grown children, Zindi, Jony and Karl, and four grandchildren. "I may look at other professional opportunities at a later date," he said. But first he plans on taking a "decently long" vacation. The Hope, Ark., "home of our president," native plans to continue living in this area.

Homer's party will be held at Kerr McGee Center starting at 5:30 p.m. with a no host bar and social hour. A well-known prankster, Homer said he doesn't embarrass easily. The deadline for reservations is today, Feb. 20. Call Marci Burnett at 939-1468; Pat Lloyd at 939-3500; or Carol Barry at 939-3409 for ticket information.

The research and development work by Seltzer, the vision and sponsorship of the U.S. Army Demil Technology Office, the technology transfer success achieved through the CRADA and the dual-use aspects of this new technology will be highlighted.

This program will be in production over the next two to three months and will be broadcast nationwide on PBS and the Discovery Channel, with additional brief segments to appear on CNN.

House receives achievement medal

At Naval Weapons Test Squadron Quarters on Feb. 20, Cdr. Dane Swanson, commanding officer, presented a Navy and Marine Corps Achievement Medal to PR2(AW) Scott A. House, who served as an aviator life support systems technician for Patrol Squadron Eleven from November 1992 to October 1996.

For superior performance of his duties, House received a NMCAM from RAdm. Paul S. Semko, commander, Patrol Wings Atlantic. "Demonstrating exceptional technical expertise and personal drive, House excelled in his rating," wrote Semko in the citation. "Cross-training as an aviation structural mechanic and plane handler, House showed exceptional professionalism and selfless devotion to duty."

Recognition

A letter of commendation was presented to AEC(AW) Robert H. Gunther for conducting emergency cross-country repairs on Dust Devil 608, an A-6E aircraft, March 30.

AO3 Patrick J. Rezab and AMH3 Michael S. Monaghan were recognized for completing naval aircrewman training and designated ANs.

Plane Captain of the Month for November was ADAN Michele L. Slater. December's Plane Captain of the Month was ATAN Ryan C. Letcher.



PR2(AW) Scott A. House

AO2(AW) Stephen W. Montgomery, AME2 Michael Rosser and PR2 Scott A. House were frocked to second class petty officer.

Good Conduct Awards went to AECS(AW) Henry Hess (sixth award), AMSC George D. Birch (fourth award) and AD1 Manuel G. Castrence (fifth award).

Also receiving Good Conduct Awards were AMS1 Eugene K. Makey (fourth award), AD2 Sandra S. Hartkemeyer (fourth award) and AD2(AW) Brian L. Tait (fourth award).

Barfield named Dust Devil of the Year

At recent quarters Cdr. Dane Swanson, NWTSC CO, announced AO1 John Barfield as Dust Devil of the Year for 1996. "Through diligent work, you have continually produced outstanding results and have earned recognition as the F/A-18 and associated equipment subject matter expert," said Swanson.

Senior Dust Devil of the Fourth Quarter is AZ2 Bryce W. Yost. Junior Dust Devil of the Month for December 1996 is ADAN Julius S. Frazier. AO3 Michael J. Patrick was selected as Junior Dust Devil of the Month for January 1997.



AO1 John Barfield



AZ2 Bryce Yost



ADAN Julius Frazier



AO3 Michael Patrick

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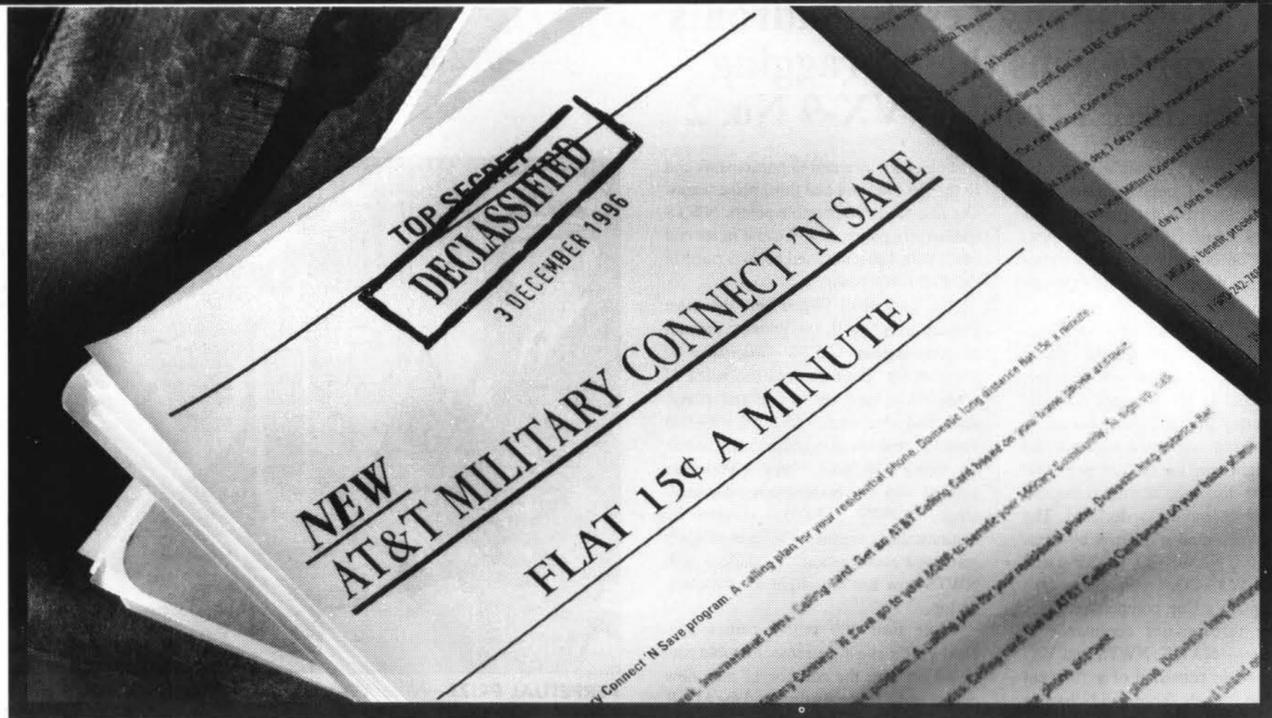
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FIRE S&T from previous page

An intriguing phenomenon called shock fire suppression was the subject of a presentation by Mark Decker of the Research and Technology Group. Decker showed a video of his preliminary investigations into the apparent capability of a shock wave to extinguish a fire even when adequate oxygen to support the fire is present. In the afternoon session, workshop participants discussed items of common interest and shared suggestions for future interactions. A joint effort to plan and coordinate the future of aviation fire protection will be investigated by a Fire S&T core group.

About 20 people attended the Fire S&T Workshop. Another workshop has been tentatively scheduled for May 1997. All interested DoD and government personnel are invited to attend. For more about the workshops, or for additional information on the Fire Science and Technology Panel, visit the web site at <http://www.nawcwpns.navy.mil/stn/fire> or contact Jim Hoover at 619-939-1645.



WORKSHOP SYNERGY—Civilian and military Fire S&T Workshop participants met Jan. 17 at the NAWS Conference Center. Members of the workshop are (left to right): Lou Gritzko, Amalia Lopez, Doug Murray, Les Bowman, Leo Budd, Russ Reed, Dave Ciaramitaro, Ken Chirkis, Marty Lentz, Ross Davidson, Vicki Brady, Jim Hoover, Jim Baldwin, Mark Decker, Joe Manchor, Rodney Harris, Curt Johnson, Lt. Jim Tucker and Tim Marker.

President Bill Clinton sends message to federal government workers

WASHINGTON (NWSA) — President Bill Clinton sent the following message to all federal government employees on Feb. 6: "As I begin my second term as president, I want all of you to know how proud I am of your hard work and accomplishments during the past four years. I came to Washington with a high regard for civil servants, and you have only confirmed that

opinion. And I'm not the only one who has been impressed. Four years ago, public confidence in the federal government was at an all-time low. But you have begun to change that attitude. Even in a time of leaner budgets and smaller staffs, you have improved service to the public, forged effective partnerships with communities and private businesses and discarded old-fashioned manage-

ment systems. Now, for the first time in decades, public opinion of federal agencies is markedly on the rise. Congratulations — the credit for this stunning turnaround goes to you.

"Vice President Gore and I are excited and optimistic about the prospects for America in the next four years. We are on the right track to the 21st century and are

picking up speed as we continue to work with you to reinvent government. I believe that our nation will enter that new century stronger, more confident and more capable than ever before. And I believe that a large part of that success will be achieved because of the energy and talent of each of you.

"Thank you for all you do on behalf of your fellow Americans."

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Linda Lou Crosby receives Commander's Award

"I was so surprised," said Linda Lou Crosby about her Jan. 13 Commander's Award presentation. "I was at the site meeting supposedly on another matter when they called me up for this award." That Crosby was even in town for the presentation was also a surprise. In the past year she has spent more time on the east coast than at China Lake, including the last four months of the year. When told she could "say a few words" by Capt. Doug Henry, NAWCWPNS vice commander, Crosby said that she "has the best job in the world. I love every day of it... I have had the wonderful opportunity of producing these products working with people from all over the United States... and I could never do it without the support I have had from Milt Burford and Larry Lochhead."

Crosby, a public affairs specialist, performs video support for the entire Naval Aviation Systems Team. "In addition to the numerous projects she supports for NAWCWPNS," said Burford, Corporate Operations Competency director in his nomination letter, "Crosby truly exemplifies the concept of competency alignment by using her talents to provide support across the NAVAIR team."

As part of her public affairs duties, she provides video support through the China Lake Public Affairs Office to the local command, as well as customers throughout the Department of the Navy.

Crosby is a member of the NAWCWPNS Business Recovery Team focusing on corporate communications, a communication policy advisor to the NAWCWPNS Science and Technology Network Team and a member of the Corporate Communication Team for the chief information officer of the navy.

In the past year, Crosby has produced the 1995 Commander's Conference video — "Meeting Our Challenges;" "Real Estate in Southern Maryland," and "Education and Child Care in Southern Maryland" in support of NAVAIR's move to Patuxent River, Md.; "Naval Aviation: Mission 2000," for VAdm. Bennett, commander Naval Air Force, U.S. Pacific Fleet; and produced a series of executive interviews for the office of the assistant secretary of the navy for research, development and acquisition.

During the award presentation Henry congratulated Crosby, "Your personal commitment to excellence and your boundless energy are key elements in the production of professional video presentations. You have the skill of capturing the customer's requirements and the translating them to a final product which



Linda Lou Crosby

is unsurpassed." Crosby said that she is planning to stay in the desert for the next few months and catch up on the workload, her family and numerous farm animals. She is currently working on the 1996 Commander's Conference video, also a video on Southern Maryland facilities and services, further executive interviews for the office of the assistant secretary of the navy for research, development and acquisition and a communication plan for the chief information officer of the navy.

Black History Month Schedule

African Americans and Civil Rights: A Reappraisal

Feb. 22 - 8 a.m. - Positive Black Men's Breakfast, 1465 E. Bowman Rd. Call Rev. A. Cleveland at 371-1127.

Feb. 23 - 4 p.m. - Black History Church Program, 242 W. Panamint Ave., Call Rev. E. Benjamin Thomas at 384-4416.

Feb. 28 - Black History play, "The Melting Pot." Call CTA1 Wendy Murrain at 939-1570.

Practice home fire safety with exit drills

People perish in home fires each year because they don't know what to do if their home catches fire. The China Lake Fire Division hopes your family has prepared and practiced a home fire escape plan.

Operation EDITH means Exit Drills In The Home. Start today and locate and learn to use alternate routes to safety. Don't wait until there's a fire to discover windows are painted over or nailed shut. Check all windows to see they open from the inside. Fast actions are needed in a fire, and practice helps that happen.

Captain's Cup

Naval Weapons Test Squadron's 505 points wins them bragging rights and a trophy; VX-9 No. 2

China Lake's Captain's Cup first year was a huge success, said Michelle Archuleta, manager of the Sports and Fitness Complex. Captain's Cup is a popular Navy recreation program designed to build esprit de corps among commands.

The 1996 Captain's Cup Award was presented to members of the Naval Weapons Test Squadron on Monday, Feb. 3. Archuleta spear-headed the program's re-entry from a 15-year hiatus.

The winning command receives the bragging rights and the 46-inch perpetual trophy to be displayed at their command until a new champion is declared. The award was presented at quarters by Capt. Stan Douglas, NAWS CO, to Cdr. Dane Swanson, NWTS CO.

The Captain's Cup competition comprised the three major commands at China Lake — NAWS, NWTS and VX-9. The schedule consisted of a 10-event competition. Each command had a chance to participate in horseshoes, racquetball, golf, basketball, softball, bowling, 3-K run, flag football, bike race and a triathlon.

Points are awarded to participants and to the first, second and third place teams. Out of a total 590 possible points, NWTS earned 505 points. VX-9 came in second place with 420 points and NAWS came in third with 400 points.

The basketball league was the most popular event, with the greatest amount of participation. NWTS participated in every event. They showed the spirit of readiness to take on anyone and everyone, said Archuleta. AT1(AW) Gerald Poindexter showed a masochistic streak by being the sole Navy competitor entered into the B-mountain bike challenge. "NWTS came out winners by demonstrating organization through team spirit and participation," Archuleta said. NWTS now has the plight of remaining on top.

More than 300 sailors participated. Next year's event guarantees double participation with the addition of nine new events and a fierce rivalry, said the MWR sports director. 1997 Captain's Cup events have already begun. The official send-off begins March 29 with a 5K kick-off breakfast run, starting at Solar Park.



SPORTS



PERPETUAL PRIZE—Naval Weapons Test Squadron took first place in the 1996 Captain's Cup competition between three China Lake commands. Cdr. Dane Swanson, NWTS CO (left) accepted the winner's trophy at recent quarters. Also at the presentation was Dana Alloway, MWR athletic director; NAWS CO Capt. Stan Douglas; AEC(AW) Henry Hess, NWTS SCPO; and Michelle Archuleta, MWR facility and sports director.

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Kern Schools Federal Credit Union
U.S. Postal Service (Indian Wells Valley area)
City of Ridgecrest
IWV Water District
Contractors providing support to NAWCWPNS or NAWS
Military personnel assigned to NAWCWPNS or NAWS

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Your Environment

By Peggy Shoaf
Public Involvement

Personal penalties, as well as fines and penalties to the station, can result if the National Environmental Policy Act process isn't followed on naval bases. The NEPA process involves an interdisciplinary review of federal actions to ensure protection of the environment.

In an effort to promote and explain this process, the NAWS China Lake Environmental Projects Office will sponsor two individual, one-day NEPA

NEPA training may help avoid serious penalties

overview sessions on March 18 and 19 at the China Lake Training Center.

Presented by Franklin Quest Consulting-Shipley Associates, the sessions are intended for facility coordinators and managers, project managers, facility contract specialists and monitors, FES coordinators, architects and engineers, and other responsible officials who may be responsible for activities which may disturb or affect endangered species, cultural resources or hazardous

waste sites, as well as activities that can create excessive dust, air emissions or other health hazards.

NEPA was enacted by Congress in 1969, mandating federal agencies to develop an environmental evaluation process as part of project planning and decision making. NEPA is meant as a planning tool to help avoid negative impacts to the environment as a result of federal actions. Its requirements apply to all federal projects — including new and continuing activities entirely or partly funded, assisted, conducted, regulated or approved by a federal agency.

The Navywide policy supporting the NEPA process is explained in OPNAVINST 5090.1B, "Environmental and Natural Resources Program Manual." Local procedures for NEPA compliance are found in NAWCWP-

NSINST 5090.1, "National Environmental Policy Act Compliance," dated Sept. 27, 1995.

Each training session will provide an overview of the NEPA objectives, the Council on Environmental Quality implementing regulations and Navy procedures. It will also provide an understanding of the purpose and practice of the law, as well as applicable sections of OPNAVINST 5090.1B. Participants will learn the managerial responsibilities for conducting sufficient analyses and preparing legally defensible documentation, as well as the relationship of the environmental analysis to the environmental documentation.

Enrollment for the class, or more information, can be obtained by calling Mona Alkhafi at 939-4477. A job order number is not required.

Friends mourn passing of Leonard Kruk

By TID

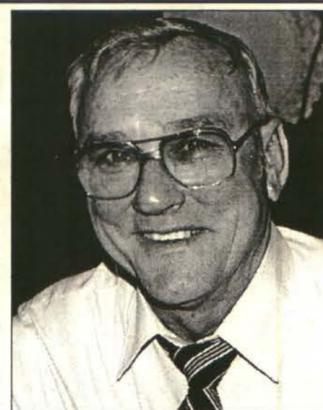
Leonard Kruk, former Technical Illustrator in the Technical Information Division (TID), died Feb. 13 in Ridgecrest. He was 68. A memorial service was held at the Desert Christian Center on Saturday, Feb. 15. Leonard was a technical illustrator for Genge, Lockheed and Comarco before joining the China Lake work force in 1971. He

retired from NAWCWPNS in January 1996.

We, Leonard's friends and former co-workers in TID, remember him first as a perfectionist, and he was arguably the best technical illustrator TID ever had. Leonard could never bring himself to "fudge" and make his drawings "look right" — he had to have every dimension exact. This perfectionism was put to good use in the late 70s. Leonard spent days in Michelson Lab taking measure-

ments off the Sidewinder Program Office's rate table. They needed to have a new one built and, having fabricated that table themselves years ago, didn't have drawings for it. Working from his sketches, notes and dimensions, Leonard prepared a complete drawing package for the table, saving the Program Office tens of thousands of dollars. Though he was fast and accurate using conventional tools, when the Macintoshes hit TID he was one of the first to learn the Adobe Illustrator program.

We also remember Leonard for his love of family, fishing, banana splits, Paul Harvey's radio show and his little dog Monique. For Father's Day one year one of his daughters gave him an 8-oz. handful of toy poodle puppy. Leonard harrumphed his doubts about the appropriateness of the gift, but he quickly became enchanted by her. He named her Monique and took her with him wherever he went — including his office. He delighted in sharing her wacky, puppy craziness with his co-workers. Monique's spell worked on everyone she met, and she loved everyone right back, but none as well as big ol' Leonard. Sadly, Monique disappeared one weekend. Leonard devoted himself to finding



Leonard Kruk

her, including running sizable "Lost Dog" ads in the local papers and Swap Sheet for at least six months, but she was never recovered. Leonard's big tender heart couldn't remain dog-free, he eventually acquired two more poodles to love.

Workplace Leonard was a serious man, but when he would talk about his wife, Betty, or his children and grandchildren, his whole countenance would change and we'd glimpse the gentle husband, daddy and grandpa that he was after hours. A loving and trustworthy friend, a talented artist, and a kind man, Leonard will be missed.

MLVS from Page 1

costs only a fraction of the older units. In addition, the 20-megabyte cards that hold the data to be loaded cost about \$500; the tapes used in older systems were about \$4,000 to \$7,000 each.

The solid-state technology of the MLVS allows it to access data more rapidly than the older tape-based systems, and its two card slots, each holding a 20-megabyte card, give it about four times the storage capacity of its predecessors. As higher-capacity cards become available, the current MLVS will be able to use them without requiring modification.

Data files are created on an IBM-compatible PC, then loaded onto a PC card for the MLVS. Transferring data from the PC to the card takes just a few minutes.

Testing and aircraft integration of the MLVS is performed at China Lake and Point Mugu; NAWCAD Patuxent River; MCAS Yuma, Ariz.; and MCAS Cherry Point, N.C. SSgt. Austin Coen of Marine Aviation Logistics Squadron 14, who is involved in the testing at Cherry Point, cites the benefits of the smaller MLVS onboard ship. "You're not lugging big suitcases up ladderwells," he says. "You need one cable, one card, take your MLVS, and off you go."

Currently supporting the F/A-18 A/B and C/D, the AV-8B Night Attack and the AV-8B Harrier II+, the MLVS is also being integrated with the F-14, V-22 and

selected systems for the HH-60, VH-60, B-1B and P-3 aircraft. A joint-service item, the MLVS is capable of loading Air Force, Army, Navy and Marine Corps software and systems. The MLVS may find a future role in rapid-reprogramming scenarios. As a standard, common tool for software loading, the MLVS may someday be used to load software onto ground-based vehicles such as tanks, as well as onto unmanned aerial vehicles and weapon systems.



FIVE-POUNDER—SSgt. Austin Coen, MCAS Cherry Point, tests one of the first MLVS units delivered to the fleet. This unit is connected to an AV-8B Harrier.

Former China Lake project pilot, Ken Bowersox, leads Discovery

Deciding early that he wanted to go into space, former China Lake A-7E Corsair II and F/A-18 project pilot, now *Discovery* commander astronaut, Kenneth D. Bowersox has fulfilled a dream. "When I was very young," said Bowersox, "I was out riding in a car with my father, and heard on the radio this story about John Glenn orbiting the Earth. My father explained to me what an orbit was. I thought that sounded pretty neat. I wanted to be an astronaut right then. Of course, there's a lot of other things I wanted to be. Fry cook. Maybe a doctor, or a bulldozer driver, or a pilot, or a lot of things that I could have done along the way and would've been happy doing, but I was lucky enough to become an astronaut."

In a preflight interview, Bowersox explained the mission of STS-82 is to service the Hubble Space Telescope. "Goal number one is to do no harm, to get up to the telescope and to try and leave it in at least as good of shape as it is right now. Goal number two is to make it better, we want to improve the technology of the instruments in the telescope and improve the quality and quantity of data coming back to the scientists on the ground."

Bowersox said the commander's job is to make sure that the orbiter is pointed the right direction. "When we open up the bays of the telescope we try to protect

them from the sun," he explained. "We got the specific attitudes to prevent sunlight from getting inside those bays and my job is to make sure we're always in the correct attitude, and then I'm also suppose to watch to make sure everything is working right from a crew's perspective. Also, that we're getting the information we need from the ground."

"I'm really looking forward to flying the rendezvous," he added. "I've never been able to fly a rendezvous. I've assisted with a rendezvous on my second flight, the first Hubble servicing mission. Dick Covey actually flew, and I mostly watched and tried to help him as much as I could. This time I actually get to touch the stick and fly the vehicle. As a pilot I'm looking forward to that."

NASA Johnson Space Center mission status reports and other information are available automatically by sending an Internet electronic mail message to jsc-news-request@listserv.jsc.nasa.gov. In the body of the message (not the subject line) users should type "subscribe" (no quotes) or "unsubscribe." This will add the email address that sent the subscribe message to the news release distribution list. The system will reply with a confirmation via e-mail of each subscription. Once you have subscribed you will receive future news releases via e-mail.

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When: March 12, 1997
Where: China Lake (NAWS CL) Conference Center / Panamint Room (across from the fire station, corner of King St. and Lauritsen Rd.)
Time: Session 1: 9:00 am
Session 2: 1:00 pm

Reserve your seat today. Just call Trudie Stapleton at (800) 351-8483, ext. 4568, or send e-mail to trudies@ti.lmco.com.

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CLEANING UP—On NAVS Base Cleanup Day, Wednesday, Jan. 22, 50 military and 25 civilians showed up to remove 1,000 bags of wind-produced trash, two-thirds of which was roofing material from the old duplexes on Richmond Road. Concentrating on four areas — the Richmond Road duplexes and the area behind the commissary, which included Mirror Lake; along Nimitz Avenue between Lauritsen Road and Halsey Road; China Lake Blvd. from the front gate to K-Mart; and along Burroughs Ave between the housing area and Lauritsen Road. "I'd like to thank everyone for a great turnout and a job well done," said NAVS CO Capt. Stan Douglass. "Despite the cool temperatures and gusty winds of 30 to 40 knots, the cleanup did make a positive impact on the cleanliness of the base. Bravo Zulu to all who helped."



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Auto air bag safety tips offered

The National Highway Traffic Safety Administration and air bag manufacturers offered the following tips to minimize risks associated with air bags.

Always wear safety belts. Air bags are supplemental restraint systems that do not replace belts. Unrestrained passengers are more likely to be injured by air bags.

When driving, adjust your seat position so you're sitting as far away from the wheel as you comfortably can. This is especially important for elderly people, who are more easily injured due to their fragility, and those of short stature.

Whenever possible, children and toddlers should ride in the back seat. If they must ride in front, the seat should be moved as far away from the air bag as possible.

Never use a rear-facing child safety seat in a position where an air bag could deploy. The force of the deployment could break the seat and cause the child serious injury.

The center rear position is the safest for a child safety seat. Manufacturers have begun to equip some cars with a switch that deactivates the passenger air bag. If you own such a car and must place a child safety seat in the front seat, remember to turn the bag off; but don't forget to turn it back on when adults sit there.

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Presentations:

March 5, 12:00 p.m. – 3:00 p.m. or
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NOTE: This will be a group presentation/demonstration, which is approx. 2 hours long, followed by one hour of opportunity for "hands on", Q&A, and one-on-one discussion with the Product Specialists.

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ADP SPEDI News
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Recently added items:
Diamond 3D PCI VRAM 3D video accelerator ST3DP3240XL1
Micro AsantePrint connects to 8 Localtalk devices including printers & Mac computers to an Ethernet network 99-00269-01
West. Dig. 2.5GB AC32500, 3.1GB AC33100, Maxtor 3.5GB 83500A EIDE hard drives
HP LaserJet 5M is a PostScript 600x600, w/JetDirect card w/ready-to-use AppleTalk & Ethernet C3917A
Jaz drives: external 1GB removable (2GB with compression) 10134; data cart. for Mac 10170, for PC 10151
Lots of 3Com 100Mbit 100BaseT Ethernet stackable components (hub, switch plus an NIC)

Popular/sort-of new items:
Global Village 33.6Kbps External Modem for the Mac 30-4500
Zip Drives, 100MB (200MB compressed) SCSI external MFPP 10011, parallel external 10012, media: 100MB Mac 10019, PC 10021
most RAM including 32MB SIMMs, 32MB DIMM, most other SIMMs & DIMMs
Hewlett Packard's HP-4C color & gray-scale scanner, to 2400dpi, fast single-pass, Mac C2529B, PC C2527B
2, 4, 5, 10, 20 and 40MB PCMCIA flash memory cards
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No. 53-02-PDS-97, (1) Supervisory Electronics Engineer, DP-855-4, Threat/Target Systems Department, Aerial Targets Integrated Program Team, Code 539100E—Area of Consideration: Navywide. **Opening Date:** 2-6-97. **Closing Date:** 3-6-97. **Selecting Official:** Steve Mendonca, (805) 989-7275. **HRD Contact:** Pam Stafford, (805) 989-3308. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head of the Aerial Targets Integrated Program Team. The Team is responsible to NAVAIR for management of all workload executed at NAWCWPNS in behalf of the Navy Aerial Targets Program Sponsor (PMA-208). This includes target systems development, T&E, modification, configuration management, and logistics support. The incumbent is first-level supervisor to eight project coordinators tasked with execution of the aforementioned aerial targets workload plus administrative staff. **Quality-Ranking Factors:** (1) Knowledge of Target Systems programs; (2) Demonstrated ability to manage full life-cycle programs; (3) Demonstrated ability to market and to coordinate with NAVAIR; (4) Ability to meet the mandatory DAWIA requirements for training, experience, and education for level 3 of the Program Management Career Field within 18 months of entering the position; and (5) demonstrated ability to coordinate with other services. **Notes 2, 4, and 5 apply.**

REASSIGNMENT COLUMN

No. 471-002-GB7, Supervisory Interdisciplinary (General/Mechanical/Electronics Engineer/Mathematician), DP-801/830/855/1520-4, Code 471120D—Area of Consideration: NAWCWPNS. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** Doug Savage, (619) 927-1954. **HRD Contact:** Kay Behrmann, (619) 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Position is Head of the Navigation and Data Link Section and will be responsible for the supervision of approximately 23 scientists, engineers, and technicians who provide engineering, analysis, and test support for the application of Global Positioning System (GPS) and Inertial Navigation System (INS) technology to weapons systems. Incumbent will be the NAWCWPNS focal point for R&D efforts in inertial and satellite navigation systems, both tactical and civilian. Selectee of the position will be required to meet the mandatory DAWIA requirements for training, experience, and education for level III of the System Planning Resource Development and Engineering Acquisition Career Field within 12 months of entering the position. A Secret level clearance is required for this position. Promotion potential: DP-4. **Note:** Interested reassignment candidates should send an updated application to Doug Savage, Code 471100D. **Notes 2 and 4 apply.**

No. 4J-002-RF7, Interdisciplinary (General Engineer/Operations Research Analyst/Mathematician) DP-0801/1515/1520-4, Code 4J1000D, Concept Analysis, Evaluation and Planning Department, TACAIR Division, China Lake, CA—Area of Consideration: NAWCWPNS. **Opening Date:** 2-6-97. **Closing Date:** 3-6-97. **Selecting Official:** K. Morton, (619) 927-3841. **HRD Contact:** Robert Fitzpatrick, (619) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Serve as senior strike and ASUW or AAW analyst, providing leadership and guidance to warfare analysts evaluating the operational performance of either existing and conceptual Strike and ASUW weapons systems or existing and conceptual anti-air warfare systems. The incumbent is responsible for leading and conducting analyses of warfare systems performance in the operational environment, including project planning, customer interface, project execution, and reporting. Incumbent must be able to obtain and maintain a Top Secret clearance. Selectee for position will be required to meet the mandatory DAWIA requirements for training, experience, and education for level III of the Systems Planning, Resource Development, and Engineering Acquisition Career Field within 18 months of entering position; selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Position is at the full performance level DP-4. Interested reassignment candidates should send an updated application to K. Morton at Code 4J1000D. **Notes 3 and 4 apply.**

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

NSAP POSITIONS

NAVAL SCIENCE ADVISORS, Interdisciplinary, DP-801, 861, 1310, 1520, 1550 (MULTIPLE VACANCIES); DP-III or above.

Area of Consideration: NAWCWPNS, All Sites.

Opening Date: 2-21-97.

Closing Date: 3-6-97.

Selecting Official: Frank Markarian, 939-3241 (DSN 437-3241)

Permanent Change of Duty Station Authorized: Yes.

The Naval Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve Fleet combat readiness and to related Navy commands. One of the goals of NSAP is to improve the dialogue between the Navy's research, development, test, and evaluation (RDT&E) laboratories, NAWC divisions, and operational forces, and the responsiveness of the Laboratory and NAWC community in achieving timely solutions to specific technical problems that significantly impact operational readiness.

This announcement identifies Science Advisor vacancies that will be filled between **June and August 1997**. NAWCWPNS applicants will be interviewed, and selections will be made the week of 10 March 1997. Division candidates are encouraged to apply for more than one position/location. The candidates nominated by the Division will then compete with nominees from the Navy laboratories, warfare centers, and other NAWC Divisions. The NSAP Director, Office of Naval Research, Arlington, VA, will make the final selection for all positions. The Science Advisor positions scheduled to be filled during this recruitment cycle are listed below:

- U.S. Commander in Chief, Pacific, Hawaii
- Commander, Seventh Fleet, Yokosuka, Japan
- Commander, Third Fleet, San Diego, CA
- Commander in Chief, Atlantic Fleet, Norfolk, VA
- Commander, Second Fleet, Norfolk, VA
- Commander in Chief, U. S. Navy, Europe, London, UK
- Commander, Marine Force, Pacific, Hawaii

Information on the duties, responsibilities, and required technical background for each of these positions may be obtained from Frank Markarian, 939-3241 (DSN 437-3241)

Factors considered for candidate selection include the following:

1. Communication abilities that allow meaningful exchanges with the Navy and technical community.
2. Ability to deal effectively with high-ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy, and sound judgment.
3. Ability to make sound technical recommendations and accept responsibility for decisions.
4. Technical competence in broad areas, plus the specific areas for each vacancy.
5. Familiarity with the Naval Systems Commands, OPNAV, and other Navy Laboratory/Center communities.

A minimum of a Secret security clearance is required. Applicants must pass a physical examination.

Science Advisor positions are lateral reassignments for current DP-4s. If a senior DP-3 (above step 13) is selected, the employee may be given a temporary promotion for the duration of the assignment.

Interested applicants should file a data package with a single-page summary of qualifications and biographical information and detailed information of the type normally found in the Standard Form 171. Total package size may not exceed 10 pages. Applications should be delivered to Code 730000D (Saundra Wydra, Bldg. 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Bldg. 211, 989-3347) by COB 6 March 1997.

Questions concerning these positions should be directed to Frank Markarian (Code 4BT000D) at (619) 939-3241 (DSN 437-3241) or Carroll Watson (Code 522100E) at (805) 989-8148 (DSN 352-8148).

No. 4J-004-RF7, Computer Scientist, DP-1550-4, Code 4J2000D, Concept Analysis, Evaluation and Planning Department, Modeling and Simulation Division, China Lake, CA—Area of Consideration: NAWCWPNS. **Opening Date:** 2-6-97. **Closing Date:** 3-6-97. **Selecting Official:** Linda Andrews, (619) 939-3802. **HRD Contact:** Robert Fitzpatrick, (619) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Serves as Senior Project Engineer for the Modeling and Simulation Division. Responsible for overseeing, developing, and executing modeling and simulation system development; development and review of project proposals; and representing the organization's modeling and simulation capabilities. Position is the primary focal point for interfacing with existing and potential project sponsors and coordinates with software development teams and project sponsors during formulation of project proposals, project planning, and project execution. **Notes 3 and 4 apply.**

Reviews all projects and documentation for accuracy and completeness and participates as a member of the division management team in all aspects of management (e.g., budget formulation and execution, establishing goals, and staffing and facility planning). Incumbent must be able to obtain and maintain a Top Secret clearance. Selectee for position will be required to meet the mandatory DAWIA requirements for training, experience, and education for level III of the Systems Planning, Resource Development, and Engineering Acquisition Career Field within 18 months of entering position; selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Position is at the full performance level DP-4. Interested reassignment candidates should send an updated application to Linda Andrews at Code 4J0000D. **Notes 3 and 4 apply.**



NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

TSP RATES OF RETURN			
TSP rates of return were	C Fund %	F Fund %	G Fund
January 1997	6.22	0.30	0.56
Last 12 months:	26.18	3.29	6.83
1992	7.70	7.20	7.23
1993	10.13	9.52	6.14
1994	1.33	(2.96)	7.22
1995	37.41	18.31	7.03
1996	22.85	3.66	6.76

Percentages in parentheses are negative.

TSP now has a web site. Their address is "www.tsp.gov". They have the current interest rates and downloadable publications and forms.

INTERFUND TRANSFERS: An interfund transfer changes the balance of your TSP account invested in the three TSP funds. An interfund transfer affects only money already in your account; it does not affect the way your future payroll contributions are invested. You can make an interfund transfer in any month you wish, without an annual limit. Interfund transfers can be made by using the THRIFTLINE, (504) 255-8777. For more information on using the THRIFTLINE, call a member of your PMA Team. Ask for a copy of the FACT SHEET - USING THE THRIFTLINE.

LOANS: Legislation signed on 30 September 1996 made several changes to the TSP Program, some of which will be effective later this year and in future years; however, changes to the loan program were effective immediately. There are now two kinds of loans available, general purpose loans and residential loans. General purpose loans require no reason or documentation and can be paid back in 1 to 4 years. Residential loans require documentation and can be paid back in 1 to 15 years. For loan forms and information, call your PMA Team.

Note: John Powers at China Lake has retired. The Program Manager for TSP for both sites is now Peggy Topham, who can be reached at Point Mugu, 989-3323, and at China Lake, 939-2574.

BULK SOFTWARE PURCHASES PLANNED

The Tools and Applications Team (Code 723100D/E) and Acquisition Support Branch (Code 721200D/E) announce the following desktop-software bulk purchase contracts planned for March 1997.

1. Web browser with maintenance
2. Microsoft Office 4.2 with maintenance ***
3. MS Windows and Windows NT operating systems with maintenance

4. Macintosh operating system with maintenance
5. Macintosh hard disk utilities

Although use of these contracts is not mandatory, we strongly recommend that you use them to save NAWCWPNS money. In most cases, you will get (and help others get) bulk pricing and better maintenance than available via standard retail bankcard buys. These contracts also avoid the costs of placing and processing bankcard purchases.

*****Note:** Microsoft Office 4.2 is now the NAVAIR standard office-suite. Per NAWCWPNS Memo 700000D/021 of 18 MAR 96, commencing January 10, 1997, MS office version 4.2 file formats are the NAWCWPNS standard for Word, Excel, and PowerPoint files. All desktop computer users must be able to read, edit, and write files in the MS Office 4.2 format.

Additional details on these contracts and ordering information can be found on the Tools and Applications web page:

(<http://wwwtoolsapps.chinalake.navy.mil/>) or via an e-mail request to Sharon Biesadecki (or call 939-3165). All requests must be submitted to Code 721200D no later than **20 February**.

CHINA LAKE

FIBER-OPTIC POWER METERS

The China Lake Calibration Lab (CLB) can now calibrate your fiber-optic power meters locally. You can take your meters to Bldg. 01027 for service or have them picked up and delivered by Mike Smith at 927-1027/2103.

CHINA LAKE TECHNOLOGY EXPO '97

The Information Technology Expo will be held at the Wreck Center on Thursday, **27 February** from 1000 to 1400 hours. All personnel are invited to attend.

Many exhibitors will be on hand, featuring the latest computer hardware, software, and services. Some featured technologies are multimedia, presentations systems, video teleconferencing, networking applications, laptops/notebooks, records management, internet access, virtual reality, imaging, desktop computers, and much more. There is no fee to attend, and complimentary refreshments will be served.

IEEE MEETING

Dr. Will Cronyn from NRA&D will speak on the development of the Universal Radar Moving-Target Transponder at a luncheon at El Charro Avita, 1337 N. China Lake Blvd. on Wednesday, **19 March** at 1130. The meeting is open to the public, but reservation are requested. For further information or reservations, contact John Veazey at 939-9982 or Jeff Fisher at 927-2699 by **18 March**.

RING FOUND

An expensive looking ladies ring was found at NEX. If this ring belongs to you, call (619) 446-6707 or stop by customer service to identify.

CHINA LAKE TOASTMASTERS COMMUNICATIONS AND LEADERSHIP PROGRAM

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

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

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

For more information, call Carl Von Elm at 377-5768.

FINANCIAL COUNSELING FOR EMPLOYEES

Each year, thousands of people are confronted with overwhelming money problems. It all starts when it's time to pay bills. You take out your checkbook, look at the balance, and add up what you owe. You realize you don't have enough money to pay all the bills, so you begin with the priorities. Who gets paid first? Who can wait? The fact is, all creditors want their money. If you can't do something about it, you're in trouble. Trouble can spill over into your work and family life. You receive late payment notices, letters from attorneys, and unpleasant telephone calls.

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY OFFERS CLASSES AND A DEGREE PROGRAM AT CHINA LAKE

Embry-Riddle Aeronautical University (ERAU) is now taking registrations for its "Spring B" term, which will begin the week of **17 March**. This term, the class entitled Aviation Regulation and Organizational Behavior will be offered at the undergraduate level. Aviation Law and Insurance will be offered at the master's degree level.

ERAU offers on-site classes and an on-site coordinator to guide you through your AS, BS, or master's program. All programs are open to civilians and military, and welcome military and government tuition assistance.

To register for classes this term, or find out about undergraduate or graduate transfer credit offered for your military training and experience stop by the Family Service Center Building, Office B, on Monday, Tuesday, or Wednesday between 0900 and 1630 or call 927-3649 or e-mail China_Lake_Center@cts.db.erau.edu for more information.

Your financial situation will be reviewed free of charge by a trained counselor.

Call the Employee Assistance Program Office at 939-3892 to arrange for an appointment.

RETIREMENTS AND FAREWELLS

PETE KARSANOW

Pete Karsanow, Code 418100D, is leaving the Survivability Division and China Lake to take a position with the USAF Operational Test and Evaluation Center (AFOTEC) at Kirtland AFB, Albuquerque, New Mexico. A farewell luncheon will be held in his honor at John's Pizza on 25 February from 1130 to 1230. For reservations, presentations, or gift donations, contact Sharon Goad at 927-1273 or QuickMail her by 24 February.

PAUL HOMER

Paul Homer is retiring after 35 years of federal service. A retirement party will be held in his honor at the Kerr McGee Center on 28 February. There will be a social hour with a no-host bar at 1730, followed by a buffet dinner catered by Hitter's at 1830. Dress is desert casual. Presentations will begin at 1930. Tickets are \$19 per person (includes tax and tip). To purchase tickets or make a presentation, contact Marci Burnett at 939-1468 (Mich Lab, Room 20105). Tickets are also available from Pat Lloyd (Mich Lab, Room 2083) and Carol Barry (Admin Bldg, Room 2014). Deadline for purchasing tickets is 20 February.

SANDI DERR

Sandi Derr, Code 42D000D, is retiring after 23 years of civil service. A retirement dinner will be held in her honor at the Carriage Inn on 14 March. Social hour will begin at 1800, followed by a western barbeque buffet at 1900. The cost is \$16.50 per person. For reservations, presentations, or gift donations, contact Marty Zielke at 939-3303 or Stella Ruiz at 939-3924 by 11 March.

DAVID SCHRINER

David Schriener, Code 526E00D, is retiring after 41 years of combined military and federal service. A retirement cocktail party will be held in his honor at the Carriage Inn on 20 March beginning at 1730. Hors d'oeuvres will be served beginning at 1730, followed by presentations at 1830. The cost is \$10 per person. For reservations or presentations, contact Vanessa Menard at 939-9069 or Cathy Bustos at 939-3338 by 14 March.

POINT MUGU GENERAL ANNOUNCEMENTS

NEW CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

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

Sanchez at 989-7708/8161 or Colleen Smith at 989-3225.

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive labor representative for the bargaining unit employees of NAWC-WPNS Point Mugu is the National

Association of Government Employees (NAGE). The local R12-33 President is Rev. Louis W. Rogers, located in Trailer 10097; he can be reached at 989-1374 or by e-mail at NAG.R1233@AOL.com.

HUMAN RESOURCES DEPARTMENT INFORMATION

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

LABOR/EMPLOYEE RELATIONS TEAM NEWS

LEAVE DONORS NEEDED

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

CHINA LAKE

Donna Charles, Code 84D000D

Donna is recovering from a medical problem.

Lori Watts, Code 543300D

Lori is recovering from reconstructive foot surgery.

Carol Jones, Code 220000D

Carol has a medical problem.

Nathan "Stu" Hannah, Code 834400D

Stu is caring for his wife, who is experiencing kidney failure and diabetes.

Dick Nickles, Code 473330D

Dick is recovering from pneumonia and heart failure.

Brenda Allen, Code 473110D

Brenda is recovering from major surgery.

Tempeste Schardt, Code 720000D

Tempeste is caring for her mother, who had heart surgery.

Chris Sutton, Code 455320D

Chris is recovering from a relapse of an autoimmune disease.

Nancy Rodgick, Code 725100D

Nancy has a medical problem.

Dave Green, Code 455310D

Dave is currently being treated for complications of ulcerative colitis.

Sandy Watson, Code 335000D

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

Teresa Valdez, Dispensary, Port Hueneme (NC-20) Teresa is on extended leave.

Anita Retome, Code 455330E

Anita is caring for her daughter, who is under a doctor's care.

Juanita Faye Blunt, Code 529110E

Juanita has been diagnosed with lymphoma.

Marion O'Brian, Code 4KL500E

Marion's daughter is undergoing a lung transplant.

Vivian Almaguer, Code 836100E

Vivian is on maternity leave.

Francis Martinez, Code 454330E

Francis is under a doctor's care.

Lisa Sherwood, Code 314410E

Lisa has undergone surgery.

Michael T. Dang, Code 522K00E

Michael is under a doctor's care.

Norma Lavin, Code 52911EE

Norma is under a doctor's care.

Mikki McCully, Code 454930E

Mikki is recovering from major surgery.

and maintain an effective, inclusive team environment. (3) Knowledge of affirmative action principles, including a willingness to implement EEO practices. (4) Ability to plan, market, budget, and manage new work for the organization. (5) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III if the System Planning Resource Development and Engineering Acquisition Career Field within 12 months of entering the position. A Secret level clearance is required for this position. Promotion potential to DP-4 but not guaranteed. Notes 1, 2, and 4 apply.

NATIONWIDE/CURRENT APPOINTABLE DON EMPLOYEES

No. 4J-001-RF7, Interdisciplinary (General Engineer/Operations Research Analyst/Mathematician) DP-0801/1515/1520-4, Code 4J1000D, Concept Analysis, Evaluation and Planning Department, TACAIR Division, China Lake, CA—Area of Consideration: Current appointable DON employees nationwide. Opening Date: 2-6-97. Closing Date: 3-6-97. Selecting Official: K. Morton, (619) 927-3841. HRD Contact: Robert Fitzpatrick, (619) 939-8117. Permanent Change of Duty Station Authorized: No. Summary of Duties: Serve as senior strike and ASUW or AAW analyst, providing leadership and guidance to warfare analysts evaluating the operational performance of either existing and conceptual Strike and ASUW weapons systems or existing and conceptual anti-air warfare systems. The incumbent is responsible for leading and

conducting analyses of warfare systems performance in the operational environment, including project planning, customer interface, project execution, and reporting. Incumbent must be able to obtain and maintain a Top Secret clearance. Quality-Ranking Factors: (1) Knowledge of operations analysis methods and practices. (2) Ability to plan, conduct, and report warfare analysis. (3) Knowledge of strike and antisurface warfare systems and operations or anti-air warfare systems and operations. (4) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Resource Development, and Engineering Acquisition Career Field within 18 months of entering position. Selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Position is at the full-performance level DP-4. Notes 3 and 4 apply.

No. 4J-003-RF7, Computer Scientist, DP-1550-4, Code 4J2000D, Concept Analysis, Evaluation and Planning Department, Modeling & Simulation Division, China Lake, CA—Area of Consideration: Current appointable DON employees nationwide. Opening Date: 2-6-97. Closing Date: 3-6-97. Selecting Official: Linda Andrews, (619) 939-3802. HRD Contact: Robert Fitzpatrick, (619) 939-8117. Permanent Change of Duty Station Authorized: No. Summary of Duties: Serves as Senior Project Engineer for the Modeling and Simulation Division. Responsible for overseeing, developing, and executing modeling and simulation system development; development and review of project proposals; and representing

the organization's modeling and simulation capabilities. Position is the primary focal point for interfacing with existing and potential project sponsors and coordinates with software development teams and project sponsors during formulation of project proposals, project planning, and project execution. Reviews all projects and documentation for accuracy and completeness and participates as a member of the division management team in all aspects of management (e.g., budget formulation and execution, establishing goals, staffing and facility planning). Incumbent must be able to obtain and maintain a Top Secret clearance. Quality-Ranking Factors: (1) Ability to prepare, present, implement, and track software development plans, schedules, and budgets. (2) Knowledge of modeling and simulation in support of warfare analysis, including skill in developing computer models and simulations of military weapons systems. (3) Skill in implementing a software engineering life cycle including: requirements definition, analysis, design, code, testing, configuration management, quality assurance, verification, validation, and accreditation. (4) Knowledge of Capability Maturity Model (CMM) and the efforts of the NAWCWPNS, Software Process Improvement Office (SPIO). (5) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Resource Development, and Engineering Acquisition Career Field within 18 months of entering position; selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Position is at the full performance level DP-4. Notes 3 and 4 apply.

NATIONWIDE/CURRENT APPOINTABLE DOD EMPLOYEES

No. 840-002-SE7, (1) Security Officer, DP-080-03, Shore Station Management, Naval Air Weapons Station, Security Department, Code 840000E—Area of Consideration: Current Appointable DOD employees nationwide. Opening Date: 2-6-97. Closing Date: 3-6-97. Selecting Official: Capt. Beal, (805) 989-7903. HRD Contact: Susan Ellis, (805) 989-3319. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent proposes, coordinates, plans, and prepares program budgets, work unit plans, and proposed development or product improvement plans; plans, coordinates, schedules, and monitors specific program tasks such as government-furnished material (GFM). Prepares short- and long-range financial plans, life-cycle cost studies, and design-to-cost studies; manages, administers, and monitors security systems; reviews security plans; develops plans, policies, and procedures to maintain an effective level of law enforcement service; conducts complete criminal, JAG, traffic, and special investigations of alleged or actual violations or offenses, such as fraud, robbery, burglary, assault, malicious damage to government and personal property, and thefts and security violations. Oversees operations security, physical security, personnel clearances, personnel movement and control, travel clearances, and visitor and vehicle control. Quality-Ranking Factors: Ability to plan, develop, administer, and coordinate a total security program for a large station, including a research and development and test center with a wide range of unique security requirements.

NAVYWIDE

No. 53-01-PDS-97, (1) Supervisory Aerospace Engineer, DP-861-4, Threat/Target Systems Department, Airborne Threat Simulation Division, Code 534000E—Area of Consideration: Navywide. Opening Date: 2-6-97. Closing Date: 3-6-97. Selecting Official: Steve Mendonca, 989-7275. HRD Contact: Pam Stafford, 989-3308. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent will perform as Head of the Airborne Threat Simulation Division. The Division is responsible for performing exploitation, development, test and evaluation, production support, in-service engineering, fleet support, and depot maintenance related to radio frequency electronic attack threat simulators for surface and airborne weapons testing and threat radar signal simulators for electronic support measures testing. The incumbent is a third-level supervisor responsible for 60 civilians in direct technical support of multiple projects sponsored by NAVAIR, NAVSEA, Air Force, and other customers. Quality-Ranking Factors: (1) Knowledge of threat electronic attack and threat RF weapon systems. (2) Knowledge of hardware and software development processes. (3) Knowledge of U. S. military aircraft stores integration requirements. (4) Demonstrated ability to manage personnel and resources in support of full life-cycle programs. (5) Demonstrated ability to coordinate with other services/ranges. (6) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level 3 of the Systems Planning, Resources Development and Engineering Career Field within 18 months of entering the position. Notes 2, 4, and 5 apply.

APPLICATION PROCEDURES

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

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

A supplemental narrative addressing your qualifications to each quality-ranking factor (QRF) is highly recommended. This information will be used to identify highly qualified candidates to be referred for selection. Additional information will not be accepted after the closing date of the announcement. When multiple-grade levels are advertised, applicants will only be rated for the lowest grade level indicated on their application that will be acceptable and higher grade levels for which they qualify.

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

AREA OF CONSIDERATION INFORMATION

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

NOTES

- 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 subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current DON employee will also be provided to the employing activity/command.
- 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 requirements) within 30 calendar days of the closing date of the announcement.

GENERAL INFORMATION

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

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

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

Statements of Work in a performance-based manner. Students are given ample opportunity to practice the skills taught.

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

POWERPOINT 4.0 FOR WINDOWS 3.1, INTRODUCTION (16 hrs.)

2-3 April; Wednesday-Thursday, 0800-1600; Bldg. 366, Room 102, Point Mugu.

Prerequisite: Students must be able to use a Macintosh computer.

This class is designed for people who have little or no experience using PowerPoint 4.0 for Windows.

To enroll, submit an On-Board Training Request to Code 733000E. For more information, contact Marcy Acosta at 989-3992 (DSN 351-3992).

CONTRACTING OFFICER'S REPRESENTATIVE (COR) REFRESHER TRAINING (8 hrs.)

3 April; Thursday, 0800-1600; Training Center, China Lake.

Intended Audience: CORs who have not had refresher training in the last 3 years.

This 8-hour course covers recent changes in regulations and policy that affect the DOD Acquisition and COR processes, specific responsibilities and expectations of the COR, monitoring contractor's performance involving services as well as task and delivery order contracts, personal versus

nonpersonal services, constructive change orders, inherently governmental functions, and NAVAIR COR guidance and policy.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Oliver, Code 733000D. For further information, call 939-2468 (DSN 437-2468).

FACILITATION SKILLS (8 hrs.)

1 May; Thursday, 0800-1600; Bldg. 366, Room 100, Point Mugu. By: Jerry L. Burk

This 1-day workshop is designed to provide strong participant involvement and practice the application of facilitation skills. Participants will learn to understand facilitation as a change process, to develop skills that promote more effective facilitation and to define the skills required in facilitation for establishing a leadership and motivational climate. The course will address reasons why facilitation is now more complicated than any time in the past and help participants to learn to work with diverse groups.

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

INTERMEDIATE SYSTEMS ACQUISITION COURSE (80 hrs.)

12-23 May; Monday-Friday, 0730-1600; Training Center, Point Mugu.

By: Acquisition Management Institute (AMI)

Note 1: This course may be taken to fulfill the ACQ 201 DAWIA course for Level II employees who are in career fields

with this requirement or employees requiring this course for certification in a subsidiary career field. Employees taking this course to meet a DAWIA training requirement must also have acquisition experience, education and/or additional training to use the Fulfillment Program for meeting the ACQ 201 requirement. ACQ 201 course competencies listed in the Fulfillment Guide should be referred to. (This guide is available in hard copy from department offices or via Internet address for DAU documents: <http://www.acq.osd.mil/dau/daudocs.html>)

Note 2: Because of the intensity of the course, outside reading will be required.

The Intermediate Systems Acquisition Course (ISAC) is an integrated course in systems acquisition management. This 2-week course provides a comprehensive overview of the DOD systems acquisition management, technical, and business processes. The course goal is to immerse the students in each process, acquaint them with the specialized terminology, familiarize them with the roles of the primary acquisition players, and demonstrate how it all fits together. The course is structured around three major theme areas, each with a series of supporting topical coverage. They are: acquisition management policy and integration, technical management, and business management.

Point Mugu Deadline: 28 April

To enroll, submit an On-Board Training Request (NAWC-WPNS 12410/2) to Helen Casteel, Code 733000E. For further information, call 989-3003 (DSN 351-3003).

CIVILIAN PERSONNEL DIVISION NEWS

MERIT PROMOTIONS

CHINA LAKE ONLY

No. 8J-001-JJ7, Social Services Representative, DA-187-2, Family Service Center, Code 8J0000D—Area of Consideration: China Lake. **Opening Date:** 2-20-97. **Closing Date:** 2-27-97. **Selecting Official:** Jocelyn Harriott, DSN 351-8146. **HRD Contact:** Jean Johanboeke, 939-8135. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent serves as China Lake Program Manager for the Congressionally mandated Relocation Assistance Program (RAP), which assists military personnel and their family members with issues associated with relocation between duty assignments; ensures that all RAP program functions occur in an appropriate and timely manner; runs on-site loan closet; and is responsible for quarterly updates to SITES and maintenance and distribution of welcome aboard packages. Incumbent must provide accurate and timely data to management (including BUPERS), manage program budget, and schedule and present classes and briefings to various audiences on all aspects of relocation. **Quality-Ranking Factors:** Working knowledge of IBM and Macintosh programs (WordPerfect, Microsoft Word, Filemaker, and Excel); knowledge of Family Service Center BUPERS databases, programs, and resources; knowledge and experience in presentations and briefings; ability to manage a program budget; and skill in using managerial administrative skills to accomplish the mission of the program. Promotion potential to DA-3, but not guaranteed.

Note 1 applies.

No. 20-001-NR7, Resources Specialist, DP-301-3, Contracts Competency, Code 200000D—Area of Consideration: China Lake. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** CDR G.G. Gustafson, 939-3801 (DSN 437-3801). **HRD Contact:** Nancy Robinson, 939-8106 (DSN 437-8106). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position reports to the Director for Contracts. The incumbent provides overall direction, coordination, and management of all facets and functions of the Contracts Competency Service Cost Center. The incumbent is responsible for the preparation of all budgetary documentation, work unit plans, and analyses of changes and deviations from plans and schedules. Coordinates short- and long-term financial requirements and plans of the Competency for control and utilization of assigned resources in accordance with resource management guidelines. Coordinates and originates, as appropriate, responses to requests for financial data, information, and reports. Ensures that responses are accurate and represent the Competency's position and need. **Quality-Ranking Factors:** Ability to plan, gather, and analyze financial data; knowledge of NAWCWPNs financial system, budgeting, and work unit processes (NIFMAS, A-11, IT, DRIPS, etc.); ability to implement financial

requirements; ability to use accepted management practices and policies to resolve operational and administrative matters; ability to communicate orally and in writing; and ability to work with all levels of personnel. The full performance level of this position is DP-3.

No. 45-006-PW7, Office Manager/Senior Office Manager, DG-303-2/3, Code 452200D, Avionics Department, Information Warfare Division, Tactical Information Management Branch—Area of Consideration: China Lake. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** Mallory Boyd, 939-3651. **HRD Contact:** Becky Reed, 939-2032. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Functional responsibilities of the position include act as primary focal point for the branch information systems security program and is responsible for ensuring that a full-spectrum security program is implemented throughout the life cycle of the organization's information processing systems. Specific duties include information security; receipt, control, and transfer of Secret material; maintenance of the Secret Material Accountability Tracking System (SMATS) database; and computer/ADP accreditation. The incumbent will also be responsible for coordinating with other security officials (personnel, physical, industrial, information, operations, etc.) to ensure that security program features are adequate and not conflicting. **Quality-Ranking Factors:** (1) Ability to organize and file documents; (2) knowledge of NAWCWPNs security programs and procedures; (3) knowledge of Group Risk Analysis Support Program (GRASP) and SMATS programs. A Secret clearance is required for this position. The full performance level of this position is DG-3.

POINT MUGU/CURRENT APPOINTABLE NAWCWPNs EMPLOYEES

No. 840-004-SE7, (3) Police Officer, GS-083-5/6, Shore Station Management, Security Department, Operations Division, Civilian/Military Police Branch, Code 842100E—Area of Consideration: Current Appointable NAWCWPNs employees at the Point Mugu. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** Ed Laroche, 989-7011. **HRD Contact:** Susan Ellis, 989-3319. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is responsible for designing and developing test or hypothetical situations to evaluate the knowledge and skills of those trained. Responsible for the in-field training Phase I of recruit police officers and for in-service Phase II training qualified police officers. Responsible for evaluating performance of employees related to training provided. Patrols the jurisdictional areas while providing crime-prevention measures to detect criminal conduct and takes the appropriate enforcement action when such conduct is

detected. Conducts investigations of criminal law violations, specialized investigations involving civil torts, and administrative investigations. Protects the civil rights of all persons involved. The incumbents will be required to work on one of the three shifts (day, swing, or graveyard shift). There will be one selectee per shift. **Quality-Ranking Factors:** Ability to perform the full range of duties of a Police Officer, possess a diversified expertise and knowledge of police work, and have appropriate communication skills to convey this knowledge to trainees.

OXNARD PLAIN/CURRENT APPOINTABLE DOD EMPLOYEES

***No. NARS-051-SE6, (1) Purchasing Agent, GS-1105-4/5/6, Naval Air Reserve, Supply Office—Area of Consideration:** Current Appointable DOD employees on the Oxnard Plain. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** CDR J. L. Bowes, 989-7161. **HRD Contact:** Susan Ellis, 989-3319. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** At the target level, the incumbent will be responsible for placing purchase orders for material, services, and delivery orders under existing contracts and establishing new contracts under the authority delegated by Navy Regional Contracting Office, San Diego, Calif. Reviews purchase request documents submitted from each department to determine the appropriate method of purchase. **Quality-Ranking Factors:** Knowledge of federal and DOD procurement laws and contracting policies involving purchase requests. *Readvertised due to lack of qualified applicants. Previous applicants need not reapply.

NAWCWPNS

No. 471-001-GB7, Supervisory Interdisciplinary (General/Mechanical/Electronics Engineer/Mathematician), DP-801/830/855/1520-3, Code 471120D—Area of Consideration: NAWCWPNs. **Opening Date:** 2-20-97. **Closing Date:** 3-6-97. **Selecting Official:** Doug Savage, (619) 927-1954. **HRD Contact:** Kay Behrmann, (619) 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Position is Head of the Navigation and Data Link Section and will be responsible for the supervision of approximately 23 scientists, engineers, and technicians who provide engineering, analysis and test support for the application of Global Positioning System (GPS) and Inertial Navigation System (INS) technology to weapons systems. Incumbent will be the NAWCWPNs focal point for R&D efforts in inertial and satellite navigation Systems, both tactical and civilian. **Quality-Ranking Factors:** (1) Skill in understanding and applying navigation engineering concepts. (2) Ability to effectively lead, organize, and manage personnel and to build

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.

INTRODUCTION TO COMMUNICATIONS SECURITY (16 hrs.)

24-25 February; Monday-Tuesday, 0800-1600; Training Center, China Lake. By: John O'Leary, Computer Security Institute

Intended for data-processing professionals, information security practitioners and auditors who need to understand the implications of communication methods, trends, and technologies from a security standpoint. The emphasis is on security principles and vulnerabilities and the practical safeguards you can take to mitigate, if not eliminate, the dangers. Course objectives are geared to the individual who might not be a communications expert, but who wants a framework for asking vendors and service providers the right questions about communications security. The focus will be on three major risks to communications networks: denial of service, unauthorized changes, and surveillance of traffic. The workshop will provide basic understanding and skills to evaluate the risks to communications systems and discuss how to make good decisions regarding protection alternatives. Included will be a nontechnical overview of network technology, tracking transmissions from end to end, and what happens when data go out over public networks and into the custody of the "common carriers." The course assumes no baseline knowledge of communications technology.

To enroll, contact Ray Stewart via QuickMail with name, code, social security number, phone number, job order number (JON), name, and telephone number of person to verify JON. Federal employees, military personnel, and contractors welcome to attend. (Contractors will need to submit memo.) Cost will not exceed \$450. For further information, call 939-2833 (DSN 939-2833).

FIBER-OPTIC CABLE REPAIR (24 hrs.)

24-26 February; Monday-Wednesday, 0800-1600; Training Center, Point Mugu. By: Light Brigade, Inc.

Intended Audience: For intermediate to advanced level technicians or individuals who have a need to understand fiber-optic cable repair.

This class combines lectures with hands-on practice and work examples tailored to military and national security applications. Training is nonproduct and nonvendor specific so students can learn the fundamentals required to use a wide variety of products. This course will consist of 8 hours of lecture on installation and maintenance and 16 hours of hands-on workshop. Topics include introduction to fiberoptics, fiber-optic theory and installation, optical fibers, indoor/outdoor cable types, optical testing, fiber-optic maintenance, restoration and safety, connectors, patch panels, splices, and splicing. The hands-on workshop topics include OTDR testing, optical loss testing, cable preparation, connectorization, splicing, and test documentation.

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

BASIC TELEMETRY (32 hrs.)

24-27 February; Monday-Thursday, 0800-1600; Training Center, Point Mugu. By: Quientech Corporation (Byron Edde)

Telemetry is a 4-day (32-hour) course designed to teach engineers, scientists, technicians, and managers the principles, techniques, and applications of modern range telemetry systems. The course presents the theory of information transfer and its application to electronic communication, including a comprehensive and comparative study of the various techniques used. This background material is then applied to telemetry and telemetry systems. Case studies will illustrate range telemetry as used by the purchasing agency. This course is designed for technicians, support staff, engineers, and others who require knowledge of range telemetry. Major topics include (1) information, information transmission, noise and communication; (2) telemetry principles and terminology; (3) the Range Commanders' Council and its publications; (4) data sampling and encoding; (5) modulation principles, types, and bandwidths; (6) data multiplexing; (7) FM/FM telemetry data structures and signals; (8) PAM telemetry data structures and signals; (9) PCM telemetry data structures and signals; (10) telemetry link analysis; (11) telemetry transmitters and transmitting

CSUC COMPUTER SCIENCE ADVISING

Dr. Orlando Madrigal of California State University, Chico will be at China Lake on 14 March to advise current and prospective students in the external degree programs offered by the school in computer science. The programs lead to bachelor's and master's degrees. To make an appointment with Dr. Madrigal, contact Debbie at (916) 898-6105.

CSUB ADVISING

Advise counselors for the California State University, Bakersfield (CSUB) programs at China Lake (B.S. in Business Administration and M.S. in Administration) will be available at China Lake on 17 March. To obtain an appointment, call (805) 664-3396.

explanation of the different test requirements and procedures as well as a comparison of commercial standards to each other and to the current MIL-STD requirements.

To enroll, submit an On-Board Training Request (NAWC-WPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (619) 939-2349 (DSN 437-2349).

SPECTRUM CERTIFICATION PROCESS (NEW CONTENT) (16 hrs.)

26 February; Wednesday, 1330-1530; Training Center, China Lake. By: R&B Enterprises

This course will focus on personnel involved in program planning, management, and acquisition. The content provides guidance and detail to ensure accurate and timely submission of frequency allocation requests. The course defines and describes DOD and Navy directives governing the frequency allocation process and the step-by-step process for filling out a lengthy, detailed, and sometimes complicated frequency allocation form (DD Form 1494).

To enroll, submit an On-Board Training Request (NAWC-WPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (619) 939-2349 (DSN 437-2349).

EXPERT SYSTEMS (8 hrs.)

26 February; Wednesday, 0800-1600; Training Center, China Lake. By: Evolving Technology Institute (Dr. Walter Read)

This course provides a comprehensive survey and background in practical artificial intelligence techniques, applications, and products, and in particular, expert systems (ES). The emphasis is on an appreciation of what ES techniques can do today and what can be expected over the next 5 to 10 years. Participants can expect to gain an accurate appreciation of the powerful software tools available today, an understanding of what is realistically achievable, and the knowledge needed to manage the successful insertion of this technology in modern weapons systems. This course is designed for technologists and managers involved in the development and employment of expert systems and "intelligent" data fusion from multiple sensors. The course is designed to provide an overview of expert systems techniques that can be used to solve practical problems of data fusion in modern weapons systems. Learning objectives include familiarization with the concepts and classic expert systems, acquisition of a working knowledge of expert systems applied to real-world problems, identification of potential difficulties in applying ES solutions, testing of expert systems, and recognition of promising ES developments for ship-based weapons platforms.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call (619) 939-2359 (DSN 437-2359).

UNDERSTANDING COMMERCIAL STANDARDS (NEW CONTENT) (4 hrs.)

26 February; Wednesday, 0800-1200; Training Center, China Lake. By: R&B Enterprises

This 4-hour seminar presents a comprehensive overview of major commercial EMC requirements for the United States and the European Communities. This course provides an

HOW TO BUILD AN INFORMATION SECURITY AWARENESS PROGRAM (16 hrs.)

26-27 February; Wednesday-Thursday, 0800-1600; Training Center, China Lake. By: John O'Leary, Computer Security Institute

Training users and managers in information security awareness can be challenging. This class will teach you how to build security awareness in all employees from the executive offices to the lab floor. You will get practical ideas and techniques for delivering security training and customizing the security message according to your audience to maximize the overall effectiveness of your program. The audience will learn to define, segment, and target key employee groups within your department, how to organize training material for maximum impact at lowest cost, and how to evaluate the results of your efforts.

To enroll, contact Ray Stewart via QuickMail with name, code, social security number, phone number, job order number (JON), name, and telephone number of person to verify JON. Federal employees, military personnel and contractors are welcome to attend. (Contractors will need to submit a memo.) Cost will not exceed \$450.00. For further information, call 939-2833 (DSN 939-2833).

MENTORING FOR PERFORMANCE (8 hrs.)

27 February; Thursday, 0800-1600; Training Center, China Lake.

14 April; Monday, 0800-1600; Bldg. 366, Room 104A, Point Mugu.

This course is designed to provide information on the mentoring process to managers and supervisors who are, or will be, mentoring employees in various NAWCWPNs programs such as Civilian Leadership, Junior Professional Engineering, or other developmental programs. This course will provide tips and strategies for effective mentoring, demonstrate how to build a successful mentoring relationship and how to enhance your mentoring skills, and discuss responsibilities of the program participants in achieving their own goals. This course is designed for managers who already have experience in mentoring, but who could benefit from additional information as well as those who have never formally mentored lower-level employees, but are interested in "giving back to the organization" by sharing their expertise.

To enroll or obtain further information at China Lake, call Lori Ryser-Warrick at 939-2686 (DSN 437-2686).

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

ORACLE 7 PERFORMANCE TUNING (32 hrs.)

3-6 March; 0800-1600; Training Center, China Lake. By: Oracle Corp.

Intended Audience: Database administrators, system administrators, and technical support professionals.

Prerequisite: Completed courses in Introduction to Oracle: SQL and PL/SQL Using Procedures Building, Oracle 7 Database Administrations. Enroll only if you meet the prerequisites.

This course will introduce the participants to a series of tuning steps that can be used to improve the performance of the Oracle 7 Server. With the focus on database rather than operating system performance issues, participants will gain practical experience tuning Oracle database. This course addresses answers to frequently asked questions concerning tuning received by Oracle Worldwide Support. Most lessons address errors that can arise from mismanagement of key areas. A full-day interactive workshop provides participants with the opportunity to walk through real-world performance tuning scenarios, including problem diagnosis and performance enhancement. Topics include tuning overview, diagnose problems, configuring the database, tuning applications, tuning the buffer cache, using Oracle blocks efficiently, tuning rollback segments, tune redo mechanisms, monitor and detect lock connection, tune for differing application requirements, tuning sorts, and optimizing for throughput.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (619) 939-2349 (DSN 437-2349).

ADMINISTRATIVE POLICIES AND PROCEDURES (32 hrs.)

4-5 and 11-12 March; Tuesday-Wednesday, 0800-1600; Training Center, China Lake. By: In-house experts

2-3 and 8-10 June; Monday-Tuesday; 0800-1600, Bldg. 366, Point Mugu.

Note: This course is held for 2 days one week and 2 days the following week.

This course is mandatory for probationary supervisors. The following topics will be discussed: organizational

NIFMAS TRAINING**FUNDING OVERVIEW/NIFMAS REPORTS AND QUERIES**

12 March; Wednesday, 0800-1600; Training Center (Mac Lab), Point Mugu

1 April; Tuesday, 0800-1600; Training Center (Mac Lab), Point Mugu

7 April; Monday, 0800-1600; Training Center (PC Lab), Point Mugu

11 April; Friday, 0800-1600; Training Center (Mac Lab), China Lake

Intended Audience: Project management, administrative, and clerical personnel (civilian and military) who interface with the financial system.

Prerequisite: Participants must have a current user ID and password for the NIFMAS charlie database reports and queries (available through the Help Desk (939-2369 (DSN 437-2369)).

This class is an expanded version of the former half-day class on funding queries and Financial Database Subsystem (FDBRSS) reports and queries. It is intended for personnel who need a hands-on introduction to retrieving financial information from NIFMAS, the Navy Industrial Fund Management Accounting System. Those who have taken the original class may be interested in taking this expanded version as a refresher. It will be presented at a slower pace and will stress the interrelationship between selected detail and summary reports. The class will present an introduction to the funding chain and offer a hands-on opportunity to navigate funding query screens to retrieve financial information at the sponsors order, ACRN, customer order, division of customer order, and job order levels. It will also offer hands-on experience in generating and retrieving a selection of commonly used FDBRSS reports and queries, printing, downloading reports to a spreadsheet application, and accessing the Single Financial System (SFS) server. An FDBRSS User's Manual and a Funding Subsystem User's Manual will be given to all participants. Note: Students will need to bring a standard 1-inch, three-ring loose-leaf binder to enclose training materials.

To enroll or obtain additional information, contact Jim Roberts via QuickMail or call (805) 987-9888, ext. 212, leave your name, code, telephone number, and class preference.

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY97 SEMINARS

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

Course Title	Course Dates	Deadline Date to 733000D
Capitol Hill Workshop	9-12 June 97	24 March 97
Contemporary Management Issues and Practices	18-29 August 97	29 May 97
The Politics of National Security	24-29 August 97	6 June 97

structure, role of the PMA, staffing and employment, labor/employee relations, training and development, formal and informal complaint process, workers compensation, security, safety, property management level transfer, PARS, demo, awards program, drug-free workplace, etc.

To enroll or to obtain further information, call Lori Ryser-Warrick at 939-2686 (DSN 437-2686).

To enroll, submit an On-Board Training Request to Code 733000E. For more information, contact Marcy Acosta at 989-3992 (DSN 351-3992).

BASIC NAVAL WRITING (8 hrs.)

4 March; Tuesday, 0830-1600; Training Center, Room 104A, Point Mugu. By: JoAnn Griggers

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

This course is for all Center personnel who type, write, or approve naval correspondence.

Deadline: 25 February

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2), to Mary Glasmann, Code 733000E (P622). For further information, call 989-3982 (DSN 351-3982).

CUSTOMER SERVICE WORKSHOP (8 hrs.)

6 March; Thursday, 0800-1600; Bldg. 366, Point Mugu. By: Supertraining, Teri Mahaney

This course will teach you how to put quality customer service in perspective and learn what to do about it. Walk through the four steps to quality customer service. Practice effective telephone skills. Learn how to deal with complaints and anger or hostility. Develop the skills that make you feel good about how you handle your customers and how they respond to you.

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

BUDGET EXECUTION (24 hrs.)

10-12 March; Monday-Wednesday; 0800-1600. Point Mugu. By: Ed Dappen

Monitoring and controlling the use of funds and preparing program and financial plans are integral parts of the Federal budget cycle. As the year progresses, these plans may have to be reformulated based on changing priorities and evaluating one program against another. This course addresses funds control, with an emphasis on revision of financial plans and administrative requirements for reprogramming and realigning available funds. Workshops and case studies will be used extensively to give participants practical experience in the application of concepts.

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

SONET (32 hrs.)

10-13 March; 0800-1600; Training Center, Point Mugu. By: RWM Fiber Optics (Phil Madden)

This course is an introduction to SONET. Topics will include SONET theory, an introduction to SONET, SONET standards, SONET protocol stack, virtual tributaries, channelization, tributary mapping, synchronization, impact on T-1 Networks, impact on Sub T-1 networks, SONET topologies, access node, add/drop multiplexer, digital-loop carrier, digital cross-connect, switch interface, transport multiplexers, regenerators, and SONET CPE.

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

PRODUCT INTEGRITY (40 hrs.) (Formerly titled Manufacturing Engineering)

10-14 March; Monday-Friday, 0800-1600; Training Center, China Lake.

24-28 March; Monday-Friday; 0800-1600; Bldg. 366, Point Mugu.

By: NAWCWPNs Instructors

Note: This course is required for SEDP participants. (To schedule course for individual modules, e.g., Q.A., contact the course coordinator.)

This course will provide an overview of speciality engineering areas including, but not limited to, quality assurance, product assurance analysis, reliability/maintainability/testability, systems safety, and electromagnetic environment engineering.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call (619) 939-2359 (DSN 437-2359).

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

EXCEL 5.0 FOR MACINTOSH, INTRODUCTION (8 hrs.)

10 March; Monday, 0800-1600; Training Center, China Lake.

Prerequisite: Students must already be able to use a Macintosh computer.

This class is designed for people who have little or no experience using the Excel 5.0 for Macintosh spreadsheet program.

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

EXCEL 5.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

11 March; Tuesday, 0800-1600; Training Center, China Lake.

Prerequisite: Students must already be able to use a Macintosh computer.

This class is designed for people who have previous experience using the Excel 5.0 for Macintosh spreadsheet program.

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

EXCEL 5.0 FOR MACINTOSH, ADVANCED (8 hrs.)

12 March; Wednesday, 0800-1600; Training Center, China Lake.

Prerequisite: Students must already be able to use a Macintosh computer.

This class is designed for people who have considerable experience and desire to achieve a greater expertise in the Excel 5.0 for Macintosh spreadsheet program.

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

TRAIN THE TRAINER (24 hrs.)

11-13 March; Tuesday-Thursday, 0800-1600; Training Center, China Lake. By: Davis & Associates (Sharon Davis, Instructor)

This course is designed for new instructors or those needing a basic review of instructor techniques. Through practice training and feedback, students get an idea of which instructor techniques work best for them. A very informal, creative, supportive, and light environment creates a safety net for those whose first problem is their own doubts.

Participants gain confidence as they learn the skills of working with visual aids, designing course materials that work by creating the "hook" that lures their students into participating in workshops and discussions, and by learning how to give fellow students constructive feedback to help them grow.

To enroll, contact Pat Nogle via QuickMail or call 939-3159.

SOFTWARE QUALITY ASSURANCE (16 hrs.)

13-14 March; Thursday-Friday, 0800-1600; Training Center, China Lake. By: TearQuest (Pam Case)

Intended Audience: This course is useful for members of an organization that is developing or evolving its Software Quality Assurance (SQA) process. Candidates include software quality engineers, software developers, software testers, and software project managers.

The workshop begins with a discussion of the reasons for SQA and techniques for performing it effectively in a CMM level 2 organization. This workshop explores the concepts of SQA, examining the roles and activities for all members of the

software development effort, as well as for independent quality assurance engineers. Classroom discussions cover alternate ways to organize for SQA, the key activities that need to be accomplished, and the process necessary. Material is drawn from the SEI CMM and software development standards, as well as industry experience with varied approaches to quality assurance. In the course exercises, students document a preferred process for SQA in their organization. They also develop draft artifacts, such as SQA plan templates and software test plan templates. Topics include, but are not limited to, problems addressed by SQA, software quality in the development life cycle, definitions and purposes of SQA, SQA guidance in the CMM, roles and responsibilities for development teams, skills and abilities for quality assurance, activities of quality assurance, testing activities of quality assurance, methods and tools for SQA, alternate organization structures, SQA policies, standards for SQA, and developing the process and supporting materials for SQA.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Renee Riga, Code 45000D, (619) 939-7092 (DSN 437-7092).

MULTIMODE RADAR (hrs.)

19 March; Wednesday, 0800-1600; Training Center, Point Mugu. By West Coast University (Mr. Schmedel)

This 1-day basic survey presents a comprehensive examination of multimode radar as applied to military aircraft operations. A foundation for system design and test will be established by examining all the primary functions of multimode radar in a short time. In the course, we will discuss operations in low, medium, and high PRFs for the basic radar measurements of target azimuth, elevation, range and doppler. Ambiguities in range and doppler will be considered in each of these modes. The effects of scintillation, clutter, and stealth surface designs on target detection will be presented. Operational mode ideas of track while scan, ground mapping, and aircraft true-ground speed measurement techniques will be described. Functional techniques used in the design of multimode such as binary Barker codes with pulse compression, active phased array antennas, Kalman filters, and target recognition will be described. The course will be valuable to those engineers and managers involved in radar system selection or evaluation and in design of WE systems applied to detection of multimode radar threats. Handouts include a set of lecture notes.

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

DESIGNER/2000 SYSTEM MODELING AND TOOLS (40 hrs.)

24-28 March; Monday-Friday, 0800-1600; Training Center, Bldg. 366, PC Lab, Point Mugu. By: Oracle Corp.

Targeted Audience: Business analysts, designers/developers, managers, and system analysts.

Prerequisites: Introduction to Oracle: SQL and PL/SQL Using Procedure Builder, Doc. Code 10101, Develop Complex Data Models and Design Databases, Doc Code 12101.

Note: Enroll only if you have met the prerequisites.

This course will guide participants in applying the systems analysis methodology to developing relational database systems. Using a practical case study, participants analyze business information requirements based on functions. With this information, participants will use Designer/2000 facilities to create a model of business functions and use the Dataflow Diagrammer, Matrix Diagrammer, and Repository Object Navigator to consolidate and cross-reference the functions. Participants will populate the data repository using the Systems Modeler and Repository Object Navigator. The resulting graphical diagram of business processes will become a blueprint for the relational database. Topics include Designer/2000 Repository Architecture, Perform Data and Business Direction Models, Support Systems Analysis Using Designer/2000, and Reverse-Engineering a Database Design.

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

CONTRACT MANAGEMENT FOR NAVAIR ACQUISITION WORKFORCE PERSONNEL (40 hrs.)

24-28 March; Monday-Friday, 0800-1600; Training Center, China Lake.

Intended Audience: This 5-day course is designed to acquaint technical personnel with the DOD acquisition process and to emphasize the importance of engineers, quality personnel, specification writers, and requirements determinators in procurement and contract administration. This course reinforces the role of technical personnel before and after the contact is awarded

and meets the requirement for certification as a Contracting Officer's Representative. **Note:** The cost of this class is \$300 per person. Provide a job order number when registering.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Oliver, Code 733000D. For further information, call 939-2468 (DSN 437-2468).

MATERIALS CERAMICS (8 hrs.)

25 March; Tuesday, 0800-1600; Training Center, China Lake.

27 March; Thursday, 0800-1600; Training Center, Bldg. 366, Point Mugu.

By: Dr. Choi

The class lecture will discuss the relationship between the structure and properties of ceramic engineering materials, characteristics of ceramics, morphology, mechanical properties, processing, applications of ceramics, electromagnetic behavior, thermal properties, and corrosion.

To enroll, QuickMail or call Dorothy Wiederhold 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 Voice Mail answers, leave a complete message.

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

INFRARED WINDOWS AND DOME MATERIALS (8 hrs.)

26 March; Wednesday, 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. The latest advances in dome and window design and testing will be discussed. The course is directed at engineers, scientists, and managers who need an introduction to properties, performance, and manufacture of windows and domes. The textbook, Infrared Window and Dome Materials by Daniel C. Harris (SPIE Press, 1992), is included with the course materials.

Deadline: 5 March

To enroll, QuickMail or call Dorothy Wiederhold at 939-2359 (DSN 437-2359) with your name, code, social security number, phone number, and verify that you have your supervisor's approval to attend. If you get voice mail, please leave a complete message.

SURFING THE "NET" (8 hrs.)

28 March; Friday, 0800-1600; Training Center, China Lake.

Prerequisite: Must be proficient with a Macintosh computer. This course offers an opportunity to become familiar with the Internet Information Superhighway and the available resources the "Net" has to offer.

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

CONTRACTING OFFICER'S REPRESENTATIVE (COR) REFRESHER TRAINING (8 hrs.)

31 March; Monday, 0800-1600; Bldg. 366, Room 100, Point Mugu.

Intended Audience: CORs who have not had refresher training in the last 3 years.

This 8-hour course covers recent changes in regulations and policy that affect the DOD Acquisition and COR processes, specific responsibilities and expectations of the COR, monitoring contractor's performance involving services as well as task and delivery order contracts, personal versus nonpersonal services, constructive change orders, inherently governmental functions, and NAVAIR COR guidance and policy.

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

PERFORMANCE-BASED STATEMENT OF WORK (16 hrs.)

1-2 April; Tuesday-Wednesday, 0800-1600; Bldg. 366, Room 104A, Point Mugu.

The goal of this 2-day course is to improve the Statements of Work produced by DOD personnel by teaching how to write