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THE ROCKETEER

THURSDAY, MARCH 20, 1997

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

VOL. 53, No. 6

Women's History Month profiles 6

Norm Carroll receives award 10

Rapid targeting a reality as RTC opens at NAS Fallon

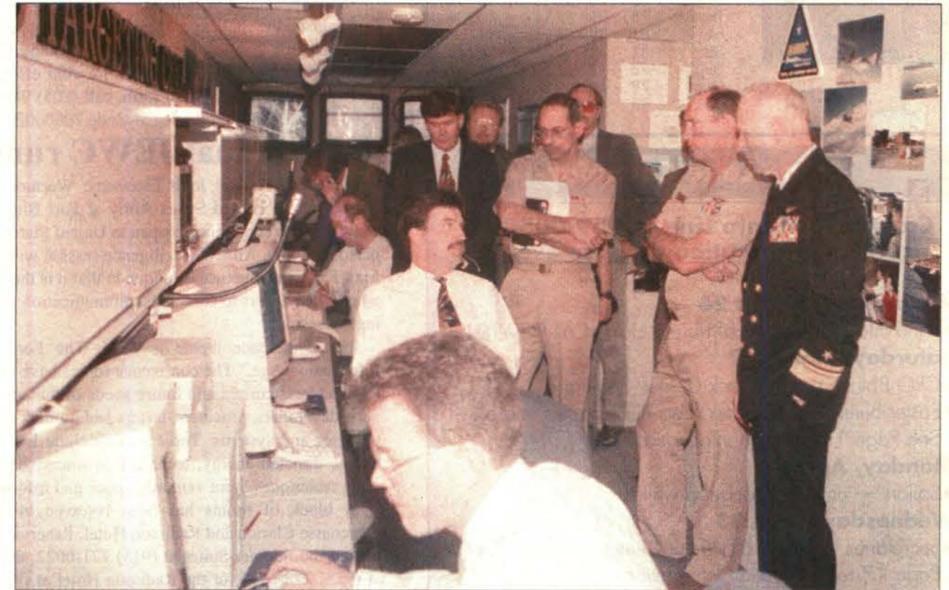
By Cliff Lawson
TID

S cuds. SAMs. Antiaircraft artillery. Tank convoys. All are potential threats, and all can be moved quickly. When attack pilots go after these targets, they don't need targeting information that's days old or even hours old. They need data right now. Real time. And in the cockpit.

Real-time information in-the-cockpit (RTIC) was the reason for a ribbon-cutting ceremony at NAS Fallon, Nev., last week. More than 30 senior officers and civilians from the Navy, Marine Corps, Air Force, national intelligence organizations and private industry met to formally open the Rapid Targeting Cell. The RTC, a high-tech facility for exploiting and rapidly disseminating targeting data, caps half a decade of cooperative effort by NAWCWPNS, the Naval Strike and Air Warfare Center (NSAWC), the Air Force Aeronautical Systems Center and the National Reconnaissance Office.

The 650-square-foot RTC is located within the NSAWC compound at Fallon. Flanked by a communications tower that bristles with antennas, the twin modules of the RTC contain half a dozen targeting work stations, a tactical communications center and administrative and briefing areas. A secure fiber-optic link connects the RTC with the Office of Naval Intelligence and with a 500-gigabyte archive of georegistered imagery at China Lake.

The RTC is a key link in what is called the "sensor to shooter" infrastructure. Information from various intelligence sources — the sensors — must be transmitted to the strike aircraft — the shooters. While the concept is straightforward, the actual route from sensor to shooter is long and complex. Intelligence data is gathered, verified,



Photos by Mike Johnson, TID

REAL TIME TARGETING—Inside the RTC, NAWCWPNS engineer Ken Koch explains how a targeting package is prepared and transmitted to the strike aircraft.

evaluated, transmitted to the mission controllers, packaged into a usable format — such as aerial photographs with annotations — and then uploaded to the strike aircraft.

To complicate matters, even minor mission changes that are driven by new targeting data must be coordinated with a huge and intricate network of command, con-

trol, communications and support players. "The individual pieces are relatively simple," says Rick Kirchner, an engineer in NAWCWPNS' Real Time Targeting Section and one of the developers of the RTC. "Our challenge is to integrate the pieces and make them work in real-world operations. The RTC is going to help tremendously."

Please see **RTC**, Page 6

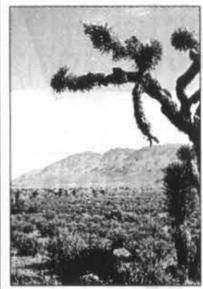


Bluejackets of the Year

BIG SMILES—At the IVW Navy League's Bluejackets of the Year award dinner last Saturday, VX-9's AZ1 Angela Steiert (seated) took honors as the Senior Bluejacket. NAVS' AZ3 Debra Thomas, getting ready to show off her Key to the City of Ridgecrest, expressed her excitement at winning Junior Bluejacket honors. Also shown on stage at the Wreck Center are NAVS Command Master Chief AOCM Bill Willis, a member of the Bluejacket selection board, and Navy League President Warren Seal. See story on Page 3.

Photo by Kathi Ramont

Weather



	High	Low	Gusts	Humidity
March 5 - 11	66	28	13	41-08%
Wed	74	29	11	40-09%
Thurs	77	32	21	49-09%
Fri	77	35	13	47-11%
Sat	80	34	11	44-10%
Mon	83	37	11	40-10%
Tues	85	36	21	40-10%
March 12-18	83	43	25	50-10%
Wed	78	39	11	40-10%
Thurs	81	39	16	39-10%
Fri	82	43	28	34-14%
Sat	78	51	29	39-08%
Sun	78	46	25	33-11%
Mon	83	40	13	41-11%
Tues				

China Lake Calendar

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

Wednesday, March 26
 • "Find Info Fast" Technical Library class. Call 939-1017

Saturday, March 29
 • CPO Ball, 6 p.m., Wreck Center, See Page 3.
 • Easter Bunny at Solar Park. Egg hunt, games, more. See Page 17 for more information.

Monday, April 7
 • Sailors — uniform change to whites.

Wednesday, April 23
 • Secretaries luncheon at Wreck Center, 11 a.m. See Page 17 for reservation information.

THE ROCKETEER

RAdm. Jack V. Chenevey **Capt. Stanley W. Douglass**
 NAWCWPNS Commander NAWS Commanding Officer

Steven F. Boster
 Public Affairs Officer

Barry McDonald **Kathi Ramont**
 Editor Staff Writer

THE ROCKETEER is published by High Desert Newspapers, Inc., a private firm in no way connected with the DoD or U.S. Navy, under exclusive written contract with the Naval Air Warfare Station China Lake. This commercial enterprise newspaper is an authorized publication for members of the military services. Contents of THE ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc. The appearance of advertising in this publication, including inserts and supplements, does not constitute endorsement by the Department of Defense or of the products or services advertised. Everything advertised in this publication shall be made available for purchase, use, or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other non-merit factor of the purchaser, users or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising.

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 submissions 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, NAWCWPNS_MAIL center.) 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.



Beneficial Suggestion Office wants new ideas from civilians and military

Civilian and military employees are encouraged to participate in the Beneficial Suggestion Program by submitting suggestions that will:

- Simplify or improve operations.
- Save time required to accomplish a task.
- Increase output and enhance productivity.
- Improve working conditions, or procedures, operating methods or equipment.
- Save manpower or money.

"Take on the challenge," said Carol Lopez, program administrator. "You are in a position to make a specific and direct contribution to the government and be recognized for your effort."

If you need a suggestion form, call (805) 989-8593 or DSN 351-8593. Please send it to Lopez at Code 700000E.

42nd annual JEWC runs May 5-8

The 42nd Annual Joint Electronic Warfare Conference will be hosted by the United States Army at Fort Bliss in El Paso, Texas, May 5-8. The conference is open to United States government agency personnel only. An EW/Intelligence session will be held on Monday, May 5. This conference is unique in that it is the only EW conference where the barriers to complete communication are removed by limiting attendance.

The conference theme is "EW: The Force Multiplier of the Information Age." The conference topics have been carefully selected to address current and future needs of the operational users, planners, developers, procurers, testers and trainers of the latest EW technologies and systems. Topic areas include EW operations, electro-optics, directed energy, technical advances, EW metrics, EW jamming techniques, joint ventures, space and information warfare.

A block of rooms has been reserved at the Summer Suites, Concourse Clarion and Radisson Hotel. Reservations can be made by calling the Summer Suites at (915) 771-0022, the Concourse Clarion at (915) 778-6789, or the Radisson Hotel at (915) 772-3333. When calling for a reservation, be sure to mention the 42nd JEWC. This will ensure you receive the conference rate that is within your per diem. Billeting is not available at Fort Bliss.

This conference is not considered a training session. DD Form 1556 may not be used in lieu of check or money order to pay the registration fee. The Navy point of contact is Ms. Susan Hynds, Naval Air Warfare Center Weapons Division, Code 454200E, 521 9th Street, Point Mugu, California 93042-5001, DSN 351-4018 or commercial (805) 989-4018. Her e-mail address is hyndss@mugu.navy.mil.

According to LCdr. Dick Manski, balloon team pilot, the Navy's hot-air balloon will be transferred to Naval Base Jacksonville the first week in April. "I'm sorry to report that China Lake will no longer be home of the balloon team," said Manski. "Jacksonville has agreed to take the team and operate it with their own funding and manpower."

Manski said he would like to thank all the volunteers for their work. "Your hard work made the team the success it was. You gave 100 percent, and made a significant difference to all who witnessed the team's performance. You can truly be proud of your accomplishments," he said.

Up, up and away; Navy Balloon Team heads for NAS Jacksonville

Number seven is the count for Station babies this week. Two girls are contesting for their rights against the five young men. . . Spare bedrooms in Hawthorne housing may be rented for not more than \$20 per month, or not more than one-half the monthly rent for the house. . . The commanding officer of the Marine Barracks, will present high school diplomas to Marines who have completed general education development tests.

VX-9 Sailor killed in auto accident

YNSA Rachel McClellan, age 20, from Vinita, Okla., died Monday, March 17, from injuries sustained in a multi-car accident while traveling to San Diego.

McClellan was an administrative clerk at the Air Test and Evaluation Squadron Nine. She reported to China Lake Feb. 19, 1996. She leaves her father, Bill Dean of Pryor, Okla., and mother and stepfather, Sonya and Kevin Dean.

A memorial service will be held at 2 p.m., Friday, March 21, at the All Faith Chapel. Military dress is service dress blues for Sailors. Marines should wear service dress Alpha.

Pages From The Past

March 20 & 27, 1987
 LCdr. Greg Johnson of VX-5 and NWC's Lt. Kenneth Bowersox are among more than 100 finalists for 12 jobs as space shuttle astronauts. . . June Rooks says a unique benefit of working for NWC is the ability to switch from one field of work to another and to continue learning new skills.

March 18 & 25, 1977
 A challenging assignment on the island of Guam has been accepted by John Shoaf, head of the Recreation Branch in the Special Services Division. . . NWC has embarked on an ambitious plan, called Project 21, to modernize the air and ground ranges, expand and support Echo Range, and develop and improve the propulsion, warhead and environmental test facilities.

March 17 & 24, 1967
 VX-5 and NAF recently hosted four members of the American Aviation Historical Society. Their one-day stop terminated a photographic tour that covered several southwest military bases.

March 15 & 22, 1957
 An audience overflowed the capacity of Vieweg Cafeteria to attend meeting by the Medical Committee of China Lake Community Council to discuss the possibility of building a community hospital. . . John S. McBride, a member of the adHoc Committee to study improvement in the McBride Park area, has announced that tentative plans for a new park have been drawn. . . NOTS will host a group of distinguished visitors when the Military Committee Standing Group of the North Atlantic Treaty Organization (NATO) comes to the Station.

March 14 & 21, 1947

Number seven is the count for Station babies this week. Two girls are contesting for their rights against the five young men. . . Spare bedrooms in Hawthorne housing may be rented for not more than \$20 per month, or not more than one-half the monthly rent for the house. . . The commanding officer of the Marine Barracks, will present high school diplomas to Marines who have completed general education development tests.

COMMUNITY EVENTS

China Lake's Rotary Club is a major sponsor and supporter of the first Ridgcrest Balloon Festival and Celebration of the Sun scheduled for Veterans Day weekend, Nov. 7-9. The balloon events committee is actively looking for volunteers to assist in a wide variety of areas. Please call 371-1737 for more information.

Wood and resin sculptures by Los Angeles artist Eric Johnson will be featured in the Cerro Coso Community College Fine Arts Gallery through April 18. The gallery is open Monday through Thursday, 9 a.m. to 9 p.m., and on Fridays, from 9 a.m. to 4 p.m. Call 384-6100 for more information.

Attention tennis players: Sign up now for a tennis challenge ladder. Men, women and high-school-age students are encouraged to register. USTA tennis leagues are also forming now. League players must be 19-years old or older. Register by calling 375-6370 or 375-7322, e-mail tennis@ndti.net.

Cerro Coso Community College Band will perform "The European Concert," on Friday, March 21, at 7:30 p.m. in the college lecture center. Admission is free. Donations to the Fire Mountain Foundation, Inc. Band Fund will be accepted. For information call 384-6100.

Daniel Mason will read from his just-released historical novel, *Cousin Jack*, on Saturday, March 22, at 8 p.m. in the Village Grille banquet room, 410 E. Tehachapi Blvd., Tehachapi. The reading is part of the Arts Coalition of Tehachapi's Saturday Reading Series, featuring local writers.

On Saturday, March 29, at 8 p.m., Debby Badillo, a poet, and Bill Deaver, a mystery writer, will read from their own work at Los Chiles restaurant. Deborah Tobola, a poet, will read on April 5, 8 p.m., at Cattleman's Cafe II. On April 12, at 7 p.m., Shelley Kitzmiller, a romance novelist, will read at Keley's restaurant.

Admission is \$5. To have dinner first, plan on arriving one hour earlier.

ROCKETEER CLASSIFIEDS

For Information on placing a Rocketeer Classified Ad, call Brittain at 375-4481.

ALL ACTIVE/RETIRED MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE! (must show Military I.D.)

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 REAL ESTATE.....25
 BUSINESSES.....30
 AUTOMOTIVE.....35
 MISC. FOR SALE.....40
 WANTED TO BUY.....42
 PETS & SUPPLIES.....45
 GARAGE SALES.....50

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M. THE MONDAY BEFORE PUBLICATION

OR DROP IT BY THE DAILY INDEPENDENT
 224 East Ridgcrest Blvd.

10 HELP WANTED

CERRO COSO COMMUNITY COLLEGE invites applications for five full-time, tenure tract faculty positions: Administration of Justice/Public Service Instructor/Director (10-month), Child Development Center Director/Instructor (12-month), Learning Disabilities/Remediation Specialist (11-month), English Instructor (10-month), and Counselor for Mojave/Edwards/Boron/California City area (11-month). Closing date: 4/29/97. For application materials, contact Certified Personnel at (619) 384-6203 or e-mail phayes@cc.ca.us. (4/3)

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GUARANTEED TO PASS PCS Inspection. Experienced cleaner. Non-licensed (base housing list). Call Melissa Wood. 377-5470. (TFN)

CERTIFIED HOME DAY Care Provider. I will care for your

1 PERSONALS

WOMEN WHO WANT COOK FOR A MAN BUT CAN'T COOK. Delicious, easy-to-prepare and kitchen proven recipes for 2 whole meals that appeal to men. Recipes list ingredients, utensils and detailed step-by-step procedures. Send \$6.00 to HWS-1, P.O. Box 512, Ridgcrest, CA 93556-0512. (TFN)

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

Riders Needed - KV Van Pool between Weldon and China Lake. Will have 2 seats available beginning Feb. 97. Cost \$70/mo. Call 939-3157 or 939-7299. (TFN)

Loving Daycare Home. Military Licensed. Full-time, part-time & weekends. 446-3859. Ask for Julie. (TFN)

25 REAL ESTATE

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

BE JUDGEMENT PROOF. PROTECT YOUR ASSETS. FREE INFORMATION. Thompson Technologies, 1539 N. China Lake Blvd., Suite 165, Ridgcrest, CA 93555, Fax (619) 375-3256. E-mail thomptek@ix.netcom.com (TFN)

FREE INFORMATION. SAVE ATTORNEY'S FEES. 200 LEGAL FORMS @ YOUR FINGERTIPS. Thompson Technologies, 1539 N. China Lake Blvd., Suite 165, Ridgcrest, CA 93555. Fax (619) 375-3256. E-mail thomptek@ix.netcom.com (TFN)

HOME DAY CARE/PRE-SCHOOL, base licensed. Will provide meals. For more information call 446-1089. (TFN)

TV-VCR REPAIR. 50 years experience. Work guaranteed. FREE ESTIMATE. 446-0916. (4/17)

Loving Daycare Home. Military Licensed. Full-time, part-time & weekends. 446-3859. Ask for Julie. (TFN)

Family Home Daycare. Full time / Part time. Yoyo 446-6162

20 RENTALS

MAMMOTH AREA RENTAL: 4BR, 2BA house, available for rent, daily or weekly with maid service. Great rates 439-4870. (TFN)

COZY Country atmosphere, close to base. 1BR units from \$110/wk. \$350/mo. Mountain View Motel. 446-6209. (4/17)

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

2BR, 1BA, garage, hookups, Nice area, w/ir pad \$325/mo. See at 237A Richmond or call 375-4356/373-4125. (TFN)

\$395/mo. SPACIOUS DW, 2BR, 2BA, den on 1/2 acre. 446-4810. (4/8)

35 AUTOMOTIVE

FOR SALE: 1966 Ford Ranchero. \$900 or best offer. Running or parts car. 446-3917. (TFN)

1973 FORD THUNDERBIRD. 429 automatic, power everything, leather interior, new carburetor, runs. As is \$900 OBO. 446-2019, leave message if no answer. (TFN)

1996 TOYOTA COROLLA, pw, pdl, dual airbags, auto, alarm, AM/FM/Cassette. \$500 and assume lease. 499-6046. (TFN)

'83 OLDSMOBILE DIESEL, new transmission, good

45 PETS & SUPPLIES

RABBIT CAGES. 18"x36"x24. \$3.00 each. (619) 378-3342. (TFN)

50 GARAGE SALES

Yard Sale - Fri. March 21, 520 Garis Ave. Futon bed, couch, art, women's clothes, books and misc. dishes

25 REAL ESTATE

WARM & COZY, 3 BR, 1 BA, on double lot with pool. Fireplaces, inl. tiles, completely fenced. \$77,500. Call Dan at: 375-0108. (TFN)

MOBILE HOMES for sale or rent in the nicest park in Ridgcrest. Close to base and shopping, rent \$400 and up plus utilities, sale \$17,000 and up for homes. Arrowhead. 446-2796. (TFN)

2 1/2 ACRES, well and power in, A-1 Agriculture, Weldon. \$34,000 Also 2 1/2 acres, \$22,000. (619) 378-3342. (TFN)

BUY LIKE RENT. Mobile at Lake Isabella. Single wide with add on \$3,750 Full Price. Adult Park. Very clean. Has stove and frg. (619) 378-3146. (4/17)

LUXURIOUS HOME. Panoramic view, excellent location, 2100 Camino El Canon. 1990's built, 2000+ sqft, 4BR, 2.5 BA, family room, balcony overlooking living room with cathedral ceiling, bay window, efficient go-king wood stove, plant shelves, wet bar, walk-in pantry, appliances including above range microwave and cabinets galore! Extended balcony off master suite with walk-in mirrored closet, double sinks and garden tub. Large corner lot, automatic sprinklers, double garage with opener. Oak and tile throughout. Open, light, carefree and gorgeous. Assume \$110,000. VA 7.5% Mortgage, 15 year remaining, no closing costs with 10% down. \$992. MO. \$20,000. Below cost. New loan only \$850 mo. Call Cinda (800) 405-6822 AC11 for more info., Stephanie 375-2741 for appt to see. (TFN)

1 PERSONALS

condition, runs good. \$1250. (619) 378-3342. (TFN)

1988 MAZDA 323 Hatchback, Good Condition. Call Pam or Brandon 375-8196. (TFN)

CHEVROLET 1979 EL CAMINO V-8, 5 liters, 72,800 miles, runs strong, smogged, straight body. \$3500. best. 446-2663. (TFN)

40 MISC. FOR SALE

31' HANDMADE WOODEN WIND-MILLS. Assorted colors. Can't buy them in stores. Excellent gifts. \$25.00. 446-5662. (TFN)

2 Girls bikes like new \$25 ea., 1 Huffy Boy bike \$25, movie screen \$50, scuba gear diver great buy. 446-2660. (TFN)

Microwave - Large capacity perfect condition. \$100 call 446-8987. (TFN)

86 Honda Interceptor 500, great condition. \$1900 OBO. 446-4612. (TFN)

Modern: 14.4 fax/data modem. V.32 bis. Like new. \$30.00. Henry Lane 939-8291, 499-6114 (evenings) (TFN)

PFAFF sewing machine. Creative design. 1475 CD. 161 built in stitches. Comes with 2 VHS videos. 446-4571. (4/17)

45 PETS & SUPPLIES

RABBIT CAGES. 18"x36"x24. \$3.00 each. (619) 378-3342. (TFN)

50 GARAGE SALES

Yard Sale - Fri. March 21, 520 Garis Ave. Futon bed, couch, art, women's clothes, books and misc. dishes

at the China Lake Auditorium. For more information call 375-5600.

 This year's Peter Pinto Memorial Ensemble concert will be April 12, in the Cerro Coso Community College Lecture Center at 7:30 p.m. These concerts partially fund the Peter Pinto Music Education Scholarships which were established by the Pinto family. Ensemble groups wishing to support these scholarships by performing in this concert should contact Gordon Wilcher at 446-20360 at their earliest convenience.

 Local AKC dog show — High Desert Classic — will be held in Ridgcrest April 19 and 20. Interested in showing your dog? Call 375-2817 for information and entry blanks before April 2.

 Presented by the Arts Coalition of Tehachapi, a concert in the park series will run for 10 weeks starting Sunday, June 8. Each concert will take place between 2 and 4 p.m. at the city park gazebo. For more information on performing in the concerts, call (805) 822-9557. The concerts are free to the public

 Community Connection for Child Care, a State of California funded child care resource and referral agency, is open Monday to Friday, 8 a.m. to 5 p.m. Their telephone number is 375-3234. Services are free to the public.

 The Kingston Trio will star at the Indian Wells Valley Concert Association's show on Monday, April 7,

 The Ridge Writers will meet on Saturday, March 29, from 10 a.m. to 12:30 p.m., in the Ridgcrest Branch Kern County Library Community Room. Paul Levine, literary attorney, will discuss agents, contracts and copyright. A question-and-answer session will follow the presentation.

 Sponsored by the Desert Artists' League, an oil painting demonstration by Francesca Oimette will be held at the Kerr McGee Center April 7 at 7 p.m.

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Luxury, super equip. & ready to work!
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Super tow vehicle, 7.5 engine, custom roll-a-long trim, duals & a Kelley Book of over \$25,500. Vin# 94588

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1995 MERCURY VILLAGER
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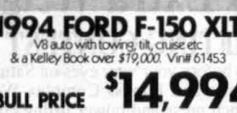
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Full house, trailer towin' turbo diesel XLT Kelley Book over \$22,600. Vin# 54915



NO BULL PRICE **\$18,995***

1994 FORD EXPLORER
2 door, 5 speed sport with all powered stuff, & a book of over \$19,000. Vin# 59716

NO BULL PRICE **\$14,494***

1994 FORD F-150 "LIGHTENING"
factory hot rod with special 351 V8, Special 17" wheels & much more & Book over \$20,000. Vin# 36309

NO BULL PRICE **\$15,994***

1994 FORD F-150 XLT
V8 auto with towing, tilt, cruise etc & a Kelley Book over \$19,000. Vin# 61453



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Nice little 4 door XLT with only 30,000 miles & a book of over \$20,000. Vin# 87935

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1994 MERC. VILLAGER
GS 7 passenger with full power & CD player rear air, alloys, & a book of over \$19,900. Vin# 25400



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1994 FORD F-350 CREWCAB
4x4 turbo diesel, Full on XLT with a Kelley Book of over \$24,800. Vin# 05231

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4x4 with shell, XLT turbo diesel, 5 speed with huge wheels, carpet kit, WOW Kelley Book over \$23,800. Vin# 48370

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Full house XLT with leather & less than 9,000 miles. Kelley Book over \$27,600. Vin# 58891



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XLT with 4.0 liter, air, all the power stuff & only 12,000 miles. Vin# 68560



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1994 FORD F-150 EDDIE BAUER
luxurious E.B. pkg with only 33,000 miles a book of over \$16,800. Vin# 82894



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V8, auto, XLT with towing pkg & only 36,000 miles. Book over \$21,500. Vin# 40662

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Navy League award

AZ1 Angela Steiert and AZ3 Debra Thomas take honors at Bluejackets of the Year dinner

By Kathi Ramont
Staff Writer

Air Test and Evaluation Squadron Nine's (VX-9) AZ1 Angela Steiert was proclaimed Senior Bluejacket of the Year at the Navy League's award dinner Saturday night.

Moments later IWV Council Navy League President Warren Seal announced AZ3 Debra A. Thomas of the Naval Air Weapons Station as Junior Bluejacket of the Year.

A large crowd of family, friends, coworkers, city officials and Indian Wells Valley Navy League members were on hand Saturday night, March 15, at the Wreck Center to honor the seven Bluejacket candidates.

All of the candidates — from the NAWS, VX-9, the Naval Weapons Test Squadron and the Branch Dental Clinic — are considered winners, Seal said. Candidates were judged on their service records, community service, job performance and personal interviews before a panel of command master chiefs and senior chiefs.

Each came away with money and prizes. More than \$6,000 was raised by the Navy League from businesses and individuals in the community. The top two winners each received \$1,400, plus additional prizes from local businesses. The other candidates, AC1(AW) Mark D. Prestel, AO1 John W. Barfield, AD3 Richard J. Hatfield, DT1 Pamela R. Joe and DT3 Misty L. Provence, each received \$700.

The evening started when members of the NAWS Naval Sea Cadet organization paraded and posted the colors. After dinner, Master of Ceremony Bud Biery, a Navy League member, presented a slide show based on his per-



CONTRIBUTOR—IWV Navy League President Warren Seal (right) and BJ candidates accept a donation to the award program from Boeing's Jim Tankersley. More than \$6,000 in cash and prizes was contributed by the local community.

Chiefs will celebrate 104th birthday of their rating at ball March 29

Celebrating the 104th birthday of the chief petty officer rating, members of the Indian Wells Valley Chief Petty Officers Association are holding their annual ball Saturday, March 29, in the Wreck Center ballroom.

Guest speaker will be Master Chief Petty Officer of the Navy ETCM(SW) John Hagan.

All active duty, retired and reserve chief petty officers, and other service equivalents, are invited to attend. Uniform is dinner dress blue for active duty CPOs and dinner dress blue or appropriate attire for all others.

Music will be provided by the Navy Band, San Diego's rock band, "Nautilus."

A hosted cocktail hour starts at 6 p.m. Dinner is



Photos by Kathi Ramont

SENIOR BLUEJACKET winner AZ1 Angela Steiert (third from right) congratulates AZ3 Debra Thomas (second from right) when her name was called out as Junior Bluejacket of the Year. Other candidates are (l-r) DT3 Misty Provence, DT1 Pamela Joe, AO1 John Barfield, AD3 Richard Hatfield and AC1(AW) Mark Prestel.

sonal interviews with each candidate. The show included pictures of the candidates on the job and at leisure time with their families. "All of these Sailors are outstanding and deserve to win the title of Bluejacket," he said.

RAAdm. Jack Chenevey, NAWCWPNS commander, was the keynote speaker at the awards dinner and congratulated all the candidates on their achievements. "The Navy League supports Sailors throughout the world," he said. "And this group is outstanding in their support and recognition of the local Sailor."

Bill Lalor, mayor of the City of Ridgecrest, presented a city proclamation and keys to the city to both winners.

Senior Bluejacket Steiert said that she'd like to thank the Navy League for their program. "I've never seen this sort of support at any other command," she said. "I'd also like to thank my skipper for the chair." Steiert, six months pregnant, was referring to Capt. Craig Weideman's quick action while she was standing on stage and needed to sit down.

"This program is a great avenue where we can be recognized and represented as a positive influence for other Sailors," Thomas said when she gave her thank-yous. She ended her speech with a song, "Worthy Vessel," which she says is her personal conviction to be a good leader and a model of a life style for others to follow.

Every year the local community offers a substantial

amount of money and gifts to this Navy League program. "We had a tremendous outpouring of support by the community," said Teri Morrow, program chairman. "It was really special." She went on to thank the following organizations and individuals for their contributions: A/C Power-Ace OPS, Howard and Barbara Auld, American Legion, Bud and Cecile Biery, Big A Auto Parts, Janes and Jewel Bonner, Boeing, Norm and Betty Carroll, Carriage Inn, Ken Day, CASI/GTE, Clifford and Julia Degraw, CTA, John and Dee Dipol, Day and Zimmerman Services, Dan and Yvonne Frame, DCS, David and Rita Glover, Drummond Medical Group, Bob and Gay Pearl, EER Systems, Inc., Capt. John and Marilyn Pettitt, Federal Managers, Magnus and Shirley Pladson, HTS, Warren and Joani Seal, Hughes Aircraft, Larry and Karen Smith, In Touch Physical Therapy, Charles and Faylene Thelen, INS, IWV CPO Association, Jack Fry Travel, Dr. Daniel T. Kuss, Lockheed Martin and Magic Curl Beauty Salon.

In addition, thanks went to the NWC Community Federal Credit Union, OAO Corporation, Quantum Networking Solutions, Inc., Quoin, Raytheon, Ridgecrest Automotive, Ridgecrest Towne Centre, Rotary Club of China Lake, S.A.S.S., Southern Auto Supply, Dr. L.W. Stevens, Sverdrup Technology, T. J. Frisbee Bicycle, Texas Instruments, Maturango Museum, Westron, Mayfair Flowers and Lynn E. Wyrick.

officer of the ship, and the emphasis was placed on the word "chief." All orders from him in regard to the police of the vessel, the preservation of order and obedience to regulations had to be obeyed by all petty officers and others of the crew. However, he had no right to succession of command.

An executive order issued by President Benjamin Harrison on Feb. 25, 1893, gave a pay scale for enlisted men and listed CPOs for the first time. April 1, 1893, is the date on which the rating was actually established.

In May 1957 the Defense Advisory Committee on professional technical compensation created the senior and master chief petty officer rates.

Chapel Call Scouts out

By Lt. C. Allan Ford
Assistant Command Chaplain



During my days in the Army I was assigned to an armor battalion as an infantryman. When we would go into battle we would send out a group of men called "recon platoon," or better known as the "scouts." These scouts would recon the forward area to find and report back to headquarters the location of the enemy. So when these soldiers would mount up in their vehicles and pass by us, we would say to them, "Scouts out."

In our everyday walk as humans, we, who have a firm belief in our God who is Lord over us, place Him out before us to protect us from the Evil One. In the Old Testament scriptures, Proverbs 16:8 states, "I have set the Lord always before me." Just as the Army will place the scouts out before the battle line to inform their leaders and then try to halt the

advancing enemy, our Lord does the same thing. When we have a strong belief and knowledge of God, we know that He is out before us protecting us and preventing the evil from coming into our lives.

As you are going through life and you encounter some difficulties, just remember that the Creator of this world is there to help you through them. Place your trust and faith in God to go before you in your walk in life. I know that the God whom I love is always out before me scouting out the bad in life and helping me to avoid it. Just like those Army scouts, God is always at work ahead of you in your life to bring you peace and love that we all need, if you will just ask Him to.

Send out the scouts ahead of you, yes, but also send out God before you too.

Marine Corps Memorial Association announces two \$5,000 scholarships

By Cpl. Jason A. Collier
MCRD San Diego

MARINE CORPS RECRUIT DEPOT, San Diego, Calif.— The Marines' Memorial Association is offering two four-year, \$5,000 scholarships for dependents of active duty enlisted Marines.

The association sponsors scholarships annually to recognize qualified students who have demonstrated scholastic aptitude, community involvement and civic spirit.

The recipients will receive the award in increments of \$1,250 per year as long as they remain in college and in good academic standing.

For more information and scholarship applications, write or call the Marines' Memorial Club (attention: Scholarship Request), 609 Sutter Street, San Francisco, Calif. 94104, or call (415) 673-6672. The association can also be contacted via e-mail at marineclub@msn.com, or visited at web site <http://www.marineclub.com/marineclub/>.

Grass seed and fertilizer are now available for Station residents at the Self Help Store. It's open seven days a week, 11:30 a.m. to 5 p.m. Call 939-4454 for information.



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

Easter services at All Faith Chapel

March 23 — Palm Sunday — Chapel choir will present a cantata entitled "Pathways to the Cross" during the morning worship service at 10:30 a.m. Narrated by Chaplain C. Allan Ford.

March 27 — Communion service in the chapel at 6 p.m., followed by a soup supper in the East Wing. A free-will offering, which will be donated to

Salvation Army Living Bread Ministries, will be taken for the supper.

March 30 — Easter Sunrise service on the East Wing lawn at 5:30 a.m., followed by a breakfast in the East Wing. A free-will offering will be taken to defray the cost of the breakfast.

March 30 — regular Easter service at 10:30 a.m.

BMC safety standdown March 26

On Wednesday, March 26, the Branch Medical Clinic will be holding a safety standdown. Minimal staffing will be available to accommodate active duty

patients on an appointment basis only. Emergencies will be seen at any time. If you should have any questions, please contact LCdr. Lang at 939-8016.

Mandatory housing fire inspections

It is mandatory that all station residents participate in the Residential Housing Fire Inspection Program. Residential inspections are conducted annually as required by NAVFAC P-1021 and NAWS fire regulations.

Many residents have not had their homes inspected. If your house has not been inspected, it is mandatory for you to contact the Fire Division Office at 939-

2146 between the hours of 7 a.m. and 5 p.m., Monday through Friday, to schedule a time and date.

Inspections will be conducted Monday through Saturday from 8 a.m. to 5 p.m.

All inspections must be completed no later than April 21, 1997.

Non-compliance will result in written notification to your command.

FSC Happenings

Upcoming and ongoing 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 are 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 26, 3-5 p.m., **Sound Financial Management**. This unique seminar is specifically designed to help you prepare and achieve a financially secure future. It will assist you in making wise decisions with your money. You'll have a firm understanding of how to reduce your tax liability; increase the return on your investments; and create security for your loved ones.

This practical knowledge will enable you to confidently determine the best course of action for you and your family. Registration required by close of business on March 25. Please call Karen at 939-1018 to register.

All Faith Chapel Services

Protestant

Men's Prayer Breakfast, East Wing, Thursday 6:00 a.m.
Sunday School, Sept. - May, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Bible Study (East Wing), Sept. - June, Wednesday 11:30 a.m.
Youth Ministry, 1907 Mitscher, Sunday 2-3:30 p.m.
Adult Bible Study, East Wing, Thursday 7:00 p.m.

Jewish (375-0385 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.
Adult Education, Oct. - June, Saturday, 1902 Dibb 10 a.m. - noon
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: Sunday, 1902 Dibb 9-11 a.m.
Friday, 1902 Dibb 5 - 7 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:00 - 8:30 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sept. - May, Sunday, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher 10:30 a.m.

Islamic

Jumaa Prayer, Friday (1002 Blandly) 1 p.m.

Equipment for the hearing impaired and nursery are available

Leisure Lines

Naval Air Weapons Station, China Lake, CA



Incredible! Easter Bunny Makes "Star Quality" Appearances

JUST FOR TEENS

Easter is a magical time for kids of all ages. MWR begins its festivities with a teen (ages 12 and up) skate and hunt party complete with skating, music and a flashlight Easter egg hunt on March 28 from 8:00 p.m. to 10:00 p.m. Bring your skates and a flashlight! Fees: Military-50¢, DoD-\$1 and Community-\$2. If you need skates, we have'em for only 50¢ more. For details, call 939-2909.

MEET THE EASTER BUNNY

Visit the Easter bunny at Solar Park for a fantasy morning filled with games, face painting, and of course Easter egg hunts for ages 2-12 years on Saturday, March 29. Two to 5 year olds hunt at 9:30 a.m., ages 6-8 years, hunt at 10:15 a.m. and 9-12 year olds begin their quest for goodies at 11:00 a.m. Fees: Military-25¢ and DoD and Community pay 50¢ per person. For details, call 939-3097.

DIVE FOR GOODIES

What a unique and fun event for swimmers up to 13 years of age. Dive for Easter goodies at the Indoor Pool on Saturday, March 29 from 1:00 p.m. to 5:00 p.m. Fees: Military-\$1, DoD-\$1.50 and Community-\$2.00. For details, call 939-2334.

EASTER BRUNCH

Easter is never complete without a Brunch featuring honey glazed ham, eggs benedict, fresh fruits, crisp vegetables, assorted pastries and a large variety of desserts to satisfy your sweet tooth. Wreck Center invites everybunny to attend on March 30 from 11:00 a.m. to 2:00 p.m. For reservations or details, call 939-8660/2739.



Who Says You Can Never Go Back?

Not the Wreck Center! Dance to your favorite tunes of the 60s, 70s and even the 80s on April 17 during our retro party. Our gig begins at 8:00 p.m. till 1:00 a.m. and is for 18 year olds and up. Check this out-FREE ADMISSION. For details, call the Wreck Center at 939-8660.

Secrets to Laughter Unfold

Don't miss the comedy show of the season. It's our Comedy Spring Fling held at the Wreck Center on April 4 at 8:30 p.m. Three live comics keep you in stitches while you enjoy beverage and food specials. After the show, you'll want to stick around and enjoy the DJ playing your favorite tunes. Fees: Military-FREE, military family members (18 years and up)-\$3 and DoD-\$6. Call Charmaine at 927-4386.

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.

New! All You Care to Eat Salad Bar

Enjoy our new salad and taco bars at the Wreck Center. On Tuesdays graze like a bunny in our salad bar or on Thursdays, during your lunchtime siesta, feast on our fabulous taco bar. You get all this and FREE beverages for only \$5.50 per person. For details, call 939-8660.

Isn't Your Secretary's Devotion Worth \$9.50 or Less?

Take your secretary to the Wreck Center for an extraordinary appreciation luncheon on April 23 from 11 a.m. to 1 p.m. Enjoy a pasta bar, salad bar and assorted desserts for only \$7.95 per person or \$9.50 at the door. Be sure to make your reservation by April 21. Call 939-8660.

To Delay is the Enemy of Your Fun

FREE BOWLING

Get a strike! When a Red Head Pin is showing, you get a FREE game of bowling! Mondays, 11 a.m. to 4 p.m. Tuesdays, 5 p.m. to 8 p.m. Non-Flex Fridays, 11 a.m. to 4 p.m. Coupon restrictions apply.

AFTER SCHOOL SPRING SPECIAL

Hey kids! Stop at Hall lanes for fries, medium soda and 2 games of bowling for only \$3 for military or \$4 for DoD. Tuesdays & Thursdays, 2:30 p.m. to 4:30 p.m.

FLEX APPEAL

Get three games of bowling for the price of two, from 12 noon to 4 p.m.

SUPER SATURDAYS

3 Games, shoe rental and even lunch (Cold sandwich, chips & drink. No substitutions please) for only \$7 for military and \$10 for DoD.

TWILIGHT SAVINGS

Bowl on Saturdays from 5 p.m. to 9 p.m. Military pay 75¢ per game and DoD pay only \$1 per game. Offer doesn't include shoe rental.

Authorized customers only. For exciting details, call 939-3471.

You Can Become an Artist Tomorrow!

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. Fee: \$35 per person. Bring your own tools.

Steps to Improve Your Relationships

Ballroom dancing is the hottest form of entertainment to come to China Lake. You could even become the next Ginger Rogers or Fred Astaire of dance. Lessons are available at the Youth Center on Tuesdays from 6:30 p.m. to 8:30 p.m. A social venue for meeting people who love to dance. Partner not required. Call Donald Daniel, Instructor, at 927-1882 or the Sports and Fitness Complex at 939-2334.

PJ's With an Attitude

Teen Center hosts a spring break pajama lock-in party on April 1 from 6:30 p.m. to April 2 at 7:00 a.m. For 6th through 12th graders. Lots of activities are planned. Fees are Military-\$8, DoD-\$10 and Community-\$12. Reservations required by calling 927-8336 before March 27.

For People Who Want to Carry Extra Weight

WEIGHT LIFTING CONTEST

Watch weight go up before your very eyes on Saturday, April 12 at the Sports and Fitness Complex Weight Room. Join the bench press and power lifting contest today! Entry deadline is April 9. Begin your training now. Event is open to all men and women 18 years and up. Awards presented to top three finishers. FREE specially designed t-shirts for all participants. For details, call Loy at 939-2841.

How to Make Racket

A table tennis tourney is being held at the Wreck Center on March 29 at 3:00 p.m. Don't miss the fabulous cash prizes and endless fun. Register at the Wreck Center by March 27. Categories of play are novice and open. Fees: Military-\$2, DoD-\$3 and Community-\$4. For details, call 939-8660.

Clip-N-Save
50% Off
Your next Salad Bar (Tuesdays) or Taco Bar (Thursdays) purchase at the Wreck Center between the hours of 11 a.m. and 1 p.m.
Not valid with any other offer.
Expires: April 3, 1997. Call 939-8660.

Lane recognized for CFC work, resigns chairmanship

By Lt. Kim Yager
Flag Staff

Again, China Lake has posted record contributions to the Combined Federal Campaign (CFC). The unprecedented success of the program can be unequivocally attributed to Nina Lane, said RAdm. Jack Chenevey, NAWCWPNS commander at a recent presentation.

Lane has announced that she will be handing the reigns over to Donna Pettit in 1997.

Initially volunteering as a key worker, Lane began her tenure as chairman of the Local Federal Coordinating Committee (LFCC) in 1994. In that role, she has facilitated many important changes. As the Weapons Division restructured, she recognized a need for the restructuring of the CFC as well. Soliciting input from all competencies, Lane devel-

oped and implemented a plan that has guaranteed the success of the program well into the future.

The 1996 campaign sought and achieved new levels of command awareness through publicity efforts, including printed material and banners, videos and the appearance of a singing "eagle" at gatherings and meetings throughout the division. With this heightened awareness came record levels of participation. The average contribution increased more than \$40 in 1996 over the previous year. Total contributions exceeded \$260,000.

Throughout the years, Lane's unwavering dedication and foresight have provided China Lake and the local community with a means of caring for one another and has shown us all the power of caring, said Chenevey. He continued, "a sincere thank you comes from all of us who have been touched by your efforts."



CFC VOLUNTEER—Nina Lane is recognized by RAdm. Jack Chenevey for her dedicated service to the Combined Federal Campaign.

ENGINEERING

ENGINEERING OPPORTUNITIES

Western Development Laboratories

Lockheed Martin has built a solid 18+ year reputation as a dynamic and responsive systems engineering contractor supporting the Naval Air Warfare Center and the Ridgecrest, CA community.

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RPV Target Technicians

Ability to work on mechanical systems and the electronic systems used to control sea-based and land-based remotely piloted test targets.

Camera/Video Technicians

Operate high-speed 16 and 35 mm cameras and associated zoom and high power lenses. Experience with video cameras (including shuttered video), video tape recorders (1/2 inch, VHS, Beta, 8 mm), video monitors and video switching/transmission equipment also required.

Radar Threat Operators and Technicians

Operation and maintenance of domestic and foreign threat and threat simulator systems ranging from vacuum tube to modern state-of-the-art electronics. Ability to provide mechanical system maintenance, diagnosis and repair.

Electronics Technicians

Analysis and repair of hardware failures and data transmission errors in electronic interfaces including Ethernet, RS422/232 and other high-speed parallel and serial interfaces. Requires 2-5+ years' experience in diagnosis and repair to the board level for, multi-process or, multi-platform computer systems. Experience with SGI, HP, PC platforms preferred.

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Interpret and apply current models used in forecasting; integrate, modify and upgrade various computer systems used in meteorological activities. Requires a BS in Atmospheric Sciences.

Meteorological Technicians/Forecasters/Observers

Requires certification in either military, NOAA, FAA or DoD weather forecasting and observing activities; ability to provide flight weather briefings, operate RAWINSONDS and TetherSONDS, fixed and mobile meteorological instrumentation sets. You will be required to pass testing for, and obtain certification from NAWCWPNSCEN.

Programmers

Design, development and maintenance of management information systems.

Threat System Simulator Engineers

Provide system and component level design for RF and/or radar threat simulator/emitter systems.

ADP/Data Management Specialists

Operation of information and data processing/reduction systems; ability to develop spreadsheets and databases.

Digital Communication Specialists

Maintenance and repair of TI switches, RF, microwave, serial, framing and Ethernet communications including documentation of complex communications systems, digital communication circuit designs and layouts.

Explosives Ordnance Technicians - All Levels

Certify expended ordnance as safe for disposal. Must be certified for handling, loading, unloading and transporting explosive material. Military EOD experience a plus - Navy preferred.

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Navy and Marine Corps Achievement Medals go to three NWTs Sailors

Three Navy and Marine Corps Achievement Medals were presented by Naval Weapons Test Squadron CO Cdr. Dane Swanson at recent quarters.

To AO2(AW) Phillip G. Camp, an NMCAM was awarded for providing vital information, experience and talent to project team engineers and a safe environment for the loading and successful launch of the laser-guided training round, enhanced-guided bomb unit and the advanced medium-range air-to-air missile. Camp served as Avionics Armament Division, Ordnance Branch day shift supervisor from April to November 1996. "He spearheaded the conventional weapons loading, release and control checklists verification and integration for ordnance and related software," said Swanson.

by RAdm. Michael D. Haskins, commander, U.S. Naval Forces, Japan, AMS1(AW) Federico A. Canonoy received an NMCAM (gold star in lieu of third award) for professional achievement while serving as the airframes leading petty office and quality assurance representative with the U.S. Naval Air Facility Misawa, Japan, from August 1992 to August 1996. "Canonoy researched and compiled a comprehensive feasibility study to upgrade T-56 engine combustion liner repair capability, which resulted in a large annual savings and a 36-day reduction in turnaround time," read Swanson from the citation.

AMSC(AW) Paul J. Lapierre received

an NMCAM (gold star in lieu of second award) from RAdm. N.R. Ryan, commander, Patrol Wings, U.S. Pacific Fleet. Lapierre served as Airframes Branch leading chief petty officer and instructor flight engineer in Patrol Squadron Four from July 1992 to June 1996. "He was instrumental in the development and establishment of the squadron Periodic Maintenance Branch, which reduced unscheduled maintenance by an unprecedented 50 percent," read Swanson from the citation. He also contributed significantly to the qualification of 23 pilots and eight flight engineers.

Dust Devil

Not just the Junior Dust Devil of the

Month for February, but ADAN Michael A. Marshall was also recognized by Swanson as January Plane Captain of the Month.

Recognition

A letter of appreciation from Capt. D.G. Diggs, CO of the Fleet Air Reconnaissance Squadron Four, went to AE2 Kevin S. Tincer for his part in the success of the VQ-4 Shadows Fleet Battle Efficiency Award for Special Mission Squadrons.

ET2 Robert W. Boase was commended for performance of duties with Strike Fighter Squadron 105 by RAdm. G.G. Johnson, commander, Carrier Group Eight.

Good Conduct Awards were presented to AD3 Ruman N. Prasad (first award), AT3 Jay M. Reeves (first award), AO3 Christopher S. Hall (second award), AZ2 Kyle C. Holland (third award), AD2 Roberto A. Chidaine (third award), AE2 Schuyler A. Burkhard (second award), AMH1 Donald N. Eddy (fourth award), AT1(AW) Michael H. Oppy (third award) and AT3 Sabrina A. Smith (first award).

AT1(AW) Brook James accepted an Outstanding Activity Award from the director of the Measure Program.



Nominated AO2(AW) Camp



AMS1(AW) Canonoy



AMSC(AW) Lapierre



ADAN Marshall

Naval Reserve Unit NAWS 0176 still searching for new members

Naval Reserve Unit NAWS 0176 is still looking for aviation mechanist mates and aviation structural mechanics to join the local unit at China Lake.

This unit performs aircraft maintenance and professional training one weekend a month and two weeks a year. Unit personnel work side-by-side with their active duty

counterparts repairing Naval Weapons Test Squadron aircraft, enabling the test squadron to meet its mission goals. Call 446-4217 for information.

1997 Commissary Privilege Card

With 1997 well under way, the Defense Commissary Agency (DeCA) would like to remind members of the National Guard and

Reserve to make certain they have a 1997 Guard/Reserve Commissary Privilege Card.

This reminder applies to members who have retired, but who have not yet reached age 60 and entitlement to full retirement benefits. When shown with proper military identification, the card entitles members of

the guard and reserve, and their authorized family members, to shop at military commissaries up to 12 times each year. DeCA does not issue these cards.

Reserves who have not yet received a 1997 card should contact the Naval Reserve recruiter at 446-4217.



CWO3 RICK BOOTH (right), who recently returned to duty status after suffering a heart attack last April, was promoted by NAWS 0176 CO Capt. Barry Douglas.



ATC GLENN RISLEY (second from right) was recently promoted to CWO2 with the help of LCDr. Lee Phillips (USNR Ret.), CWO4 John Betts (USNR Ret.), his mother, Helen Risley, and 14-year old son Daniel.

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RTC from Page 1

In opening remarks to the visitors, RAdm. Bernard J. Smith, NSA/CSSA commander, emphasized the cooperation that made the RTC possible. He observed that the RTC "reflects a partnership among organizations with different capabilities and different missions and different geographical locations." And he predicted that the Navy, Marine and Air Force units that train at Fallon "will learn how to use the RTC to dramatically improve their ability to find and destroy rapidly relocatable targets."

NAWCWPNS Commander RAdm. Jack Chenevey followed Smith at the lectern. Chenevey commended several of the individuals who played key roles in the establishment of the RTC, and he noted that the Fallon ceremony marked not the completion of a project but rather the beginning. He asked that the guests "continue in your own way to support the partnership that has created the RTC. Because it is that team effort that gives our warriors the tools to take the battle to the enemy, act decisively and return home safely."

The admirals' remarks were followed by a ribbon-cutting ceremony. NAWCWPNNS engineer Frank Armogida then gave a technical presentation that looked to the future of RTIC capabilities. He pointed out that to fully integrate RTIC requires "more than equipment and software — it takes people, skills and cooperation," and he predicted that soon "system integration

will impart a nonlinear increase in effectiveness." Armogida also stressed the need for a responsive-targeting joint mission need statement to pull the necessary RTIC elements forward in a unified manner.

Next on the agenda was a demonstration of the new facility's capabilities by the NAWCWPNNS and NSA/CSSA staff. Targeting packages were transmitted from the RTC to an F/A-18 on the tarmac. Guests were able to witness the preparation and transmission of the targeting package and then view the targeting information as it was presented on the F/A-18's cockpit display.

NAWCWPNS' involvement in rapid targeting goes back to the early 1990s, when Kirchner and his associates worked out of a small truck-transportable van. Beginning with Project Goldpan, in 1993, the NAWCWPNNS rapid-targeting team showed up for every major field exercise that prosecuted time-critical targets: Arid Hunter in 1994, Gold Pan 1 and 2 in 1995 and Forward Hunter in 1996. In each exercise, the equipment, software and processes were refined. Danny Searle, who works closely with Kirchner on rapid-targeting issues, recalls, "Our operation was a lot less sophisticated when we started out. But those early exercises laid the groundwork for the rapid-targeting capabilities we have today."

In Project Goldstrike, which began in 1996, NAWCWPNNS, the National

Reconnaissance Office and the Aeronautical Systems Center fielded a rapid targeting cell to Vicenza, Italy, to assist the airborne peacekeepers operating in the Bosnian area. After an exercise with Air Force F-15s flying out of Aviano, Italy, in January of this year, BGen. Timothy Peppe, deputy commander of the 16th Air Force, commented that his aircrews were pleased with the rapid-target-

ing products and "felt it was an excellent means to get target information to the cockpit."

Since Navy and Marine Corps squadrons train at Fallon before overseas deployment, it is the ideal location for the RTC. The new facility will offer training in the latest rapid-targeting technologies and procedures not only to Navy and

Please see next page



PARTNERSHIPS—Cooperation amongst several organizations resulted in the Rapid Targeting Cell. NAWCWPNNS Commander RAdm. Jack Chenevey joined NSA/CSSA Commander RAdm. Bernard Smith and other dignitaries to formally open the RTC.



SPORTS

Check it out

Captain's Cup calendar of events

Event	Entry Deadline	Start Date	Type
Breakfast Run	March 20	March 29	5K run/walk
Racquetball	March 21	March 24	Ladder
Soccer	April 3	April 14	Tourney
Bowling	March 14	March 31	League
Golf	April 10	April 17	League
Soccer	April 28	May 5	Tourney
Horseshoes	April 30	May 5	Ladder
Softball	June 26	July 7	Tourney
Tug-O-War	July 24	Aug. 1	Contest
Flag Football	Sept. 8	Sept. 17	League
"Fat Tire"	Sept. 26	Oct. 4 & 18	Time trial
Racquetball	Sept. 22	Oct. 6	Ladder
Basketball	Nov. 3	Nov. 18	League
Runners Trio	Dec. 1	Dec. 6	Relay
Flag Football	Dec. 5	Dec. 13	Tourney

Marine Corps marathon team is looking for endurance runners

By 1st Lt. G.A. Canedo
Marine Corps Marathon

MARINE CORPS BASE, Quantico, Va.— The Marine Corps Marathon is looking for short distance endurance runners for the 1997 Hood To Coast Relay Race. Scheduled from Aug. 22-23, this 196-mile race is the world's largest relay and a grueling test of physical fitness.

The race begins at the peak of Mount Hood and meanders through the most difficult of terrain to end at the wide sands of Seaside, Ore. The course is divided into legs, from five to seven miles long. Teams are allowed 12 runners, who must run three legs each.

The race begins after dinner on Friday

Rifle and pistol championship May 10

SSOPAC/Pacific Fleet Rifle and Pistol Championships are to be held at Naval Air Station Miramar and Marine Corps Base, Camp Pendleton, Calif., on May 10-17.

The tournament is sponsored by Naval Base San Diego. It is open to all U.S. Navy, Navy Reserve, active and inactive, Fleet Reserve, retired, midship-

and continues throughout the night, with little chance of sleep for runners.

The Marine Corps team finished sixth overall and second in the open division in 1996. Marine runners receive permissive TAD orders, paid travel expenses, a new running suit and shoes.

Marines interested in running this year should send race resumes to Gunnery Sgt. Bob Bieri, Marine Corps Marathon, Quantico, VA 22134.

Applicants need to have completed their physical fitness test run in less than 16 minutes and have demonstrated experience in 5/10K and long-distance running.

Applications will be accepted until June 1.

men from the Naval Academy, NROTC, JR NROTC and Coast Guard personnel. Individual matches are open to all qualified individuals whether or not they are members of a team. A \$30 fee per person is required. Commands are requested to submit entries by May 7. Contact Harvey Simmons at DSN 522-1505 or (619) 532-1505 for more information.

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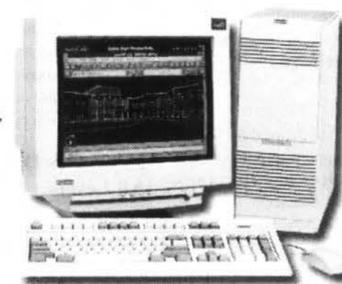
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GSA Schedule

Air Force Workstations

Recently added items:

9GB Seagate UltraSCSI hard drive ST1917N
HP 4GB (8GB compres.) DAT drive
Exabyte 7GB (14GB compres.) 8mm drive
Lots of 3Com 100Mbit
100BaseT Ethernet stackables (hub, switch, NIC, SNMP module)
West. Dig. 2.5GB AC32500,
3.1GB AC33100

Maxtor 3.5GB 83500A EIDE hard drive
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

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ADP SPEDI News

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Popular/sort-of new items:

Kodak DC-50 digital camera, 3X motorized zoom, 24-bit color,
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
HP'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

Kensington turbo trackball 64210 Mac, 64215 PC, Keytronic Mac keyboard, 8X Mac SCSI CD-ROM drive

Senior Executive Service

Managers Higgins, Rogers and McQuaide promoted from civil service

Three NAWCWPNS senior managers have recently joined the ranks of the Senior Executive Service. Karen Higgins, head of the Weapons/Target Department; Sandy Rogers, head of the Pacific Ranges and Facilities Department; and Paul McQuaide, head of Threat/Target Systems Department, received their SES confirmation in January.

The Rocketeer and The Missile will run feature articles on each of them in future issues.

According to Jan Meadows of the Human Resources Department, one of the most significant innovations of the Civil Service Reform Act of 1978 was the creation of the Senior Executive Service (SES). This new, completely separate personnel system for senior executives was established in July 1979. It covers most of the top managerial, supervisory and policy positions in the executive branch of the federal government that are above GS-15.

SES members serve below the president's top appointed officials, such as heads of departments and agencies.

They play a critical role in the democratic process, translating the mandate of the national electorate into government programs, policies and actions.

The SES covers mostly managerial and supervisory positions; it is a gradeless system in which salary and career status are primarily based on the individual, not the duties of the position.

The objectives of the SES system are:

- to provide greater authority to agencies in managing their executive resources;
•to attract and retain highly competent executives, and to assign them where they will be most effective in accomplishing the agency's mission and where best use will be made of their talents;
•to provide for the development of managers and executives;
•to hold executives accountable for individual and organizational performance;
•to reward the outstanding performers and remove the

poor performers; and

•to provide for an executive merit system free of prohibited personnel practices and arbitrary actions.

Think you want to be come an SES'er? The process is a long one, about six months, and difficult. First, you must respond to five questions on your leadership skills. This takes up 10 to 12 pages. Then fill out a technical application — 12 pages in Higgin's case — explaining why you qualify. "It was very difficult to put together," she said.

Candidate interviews are 30 minutes long, consist of seven questions, with 10 minutes to prepare. "You sit in front of a non-responsive panel and wonder if anyone is listening," said Higgins. It is a test to see how you manage time and to see if you can think on your feet.

The panel then selects the top contenders and sends their packages to NAVAIR commander Adm. John Lockard. It then goes to the Office of Personnel Management for approval.

Become fire-wise: China Lake Fire Department can help reduce risks

By James A. Ayers, Fire Prevention Chief

Each year, fire and burns exact a tragic and horrible toll in this community. We sacrifice our homes, our places of work and worship and our prized possessions. What is the answer?

Surprisingly, to have more firefighters, more fire stations and more fire apparatus is not the answer — at least, not the whole answer. For every time the alarm

bell rings and the fire engines hit the streets, it means someone has failed.

Failed, that is, to prevent the fire. When firefighters put out a fire, they are reacting to a dangerous situation which, more often than not, could have been prevented. National authorities estimate that at least half of all fires and burn injuries are preventable. It is my hope that, by means of this article, I can help you to learn what it takes to prevent fire and burn injuries — to live "fire-wise."

Where to begin? Well, as the saying goes, there's no place like home. Most fatal fires begin in the home — because in the home, fire gets the opportunity to strike while we are asleep. The first thing to remember about home fire safety is that very few people die in home fires due to direct contact with flames. They die from smoke — the dense, hot, choking atmosphere of smoke and super heated gases that arise in seconds in today's synthetic-filled homes. That's why the most

fire-wise investment you can make is in smoke detectors.

When your detector goes off, get down on the floor and stay low to escape. Hot smoke rises, the best air is near the floor.

The China Lake Fire Division and Kern County Fire Department have life-saving information for you — information on home fire safety, on burn prevention and treatment, on fire safety for the elderly and handicapped and more. We are here to serve you.

RTC from previous page

Marine aircrews but also to the Air Force. New developments in hardware and software will be tested at the RTC under real-world conditions to determine suitability for operational use. One of the most important functions of the RTC will be to develop a concept-of-operations for integrating the rapid-targeting capability into the overall force structure.

Establishing the RTC at Fallon required the cooperation of many organizations and individuals. Assisting the Navy, Air Force and NRO players was GDE Systems, Inc., which handled the procurement and the initial integration for the facility. If there was a catalyst for making the mix of people and organizations work, it was in the persons of Frank Armogida and Wayne Tanaka, according to business manager Beth Perrine. "These guys are the rain-makers," she says. "They get people from various organizations sitting down together and then the synergy starts to happen."

As RAdm. Chenevey observed in his remarks, the opening of the RTC is a milestone, but "by no means the end of the road." The Real Time Targeting Section is traveling that road at a brisk pace. NAWCWPNS' role in the rapid-targeting process is even now evolving toward a production capability for providing custom intelligence and imagery products directly to operational forces.

IRFPA Information Exchange Meeting seeks presenters

Presenters are being sought for the 1997 Infrared Focal Plane Array (IRFPA) Information Exchange Meeting, which will be held May 13, at the Michelson Laboratory Management Center. Coordinated by the Sensors and Platforms Section of the EO/IR Guidance Branch of the Guidance and Control Division, the meeting follows others at China Lake dating back to the 1980s.

IRFPAs are two dimensional grids of IR detectors built as single devices. They are similar to the detectors used in most recent camcorders, except they sense infrared radiation instead of visible. They convert detected IR signature(s) into electronic images. In a typical missile tracker, this electronic image is processed by electronics hardware and software to track a target. Although usually reformatting is required, the electronic image can be displayed on a video monitor.

The meeting in May is sponsored by the Office of Naval Research through the Naval Research Laboratory and offers IRFPA users and developers the opportunity to enhance communication and discuss future needs, problems and other aspects of the technical work in IRFPA and related areas.

NRL is tasked by ONR with IRFPA development. What began as grass-roots individual contacts that resulted in a number of development arrays being produced by NRL for Navy activities, including China Lake, for possible use in prototype weapon systems, has grown in recent years to the formalized meetings with national audience participants from various activities and agencies. As a result of the meetings NRL is able to direct a portion of their research and development efforts toward meeting the real applica-

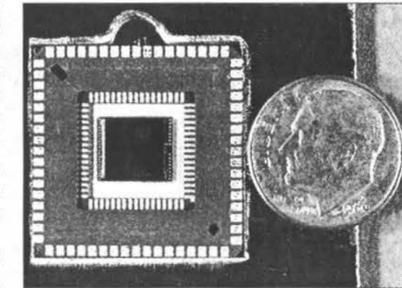
tion needs of the user community.

"One of the more exciting results of this type of exchange," said Jerry Dodd, who is organizing the meeting at China Lake, "is NRL's recent work in two-color (3-5 micrometers and 8-12 micrometers) IRFPA development." This resulted in prototype 64x64, two-color IRFPAs being developed and built by Lockheed Martin Infrared and Imaging under contract for NRL.

Presentations are solicited in the following infrared system areas: future IRFPA requirements; modeling and analysis of IRFPAs; applications that are, or considering, using IRFPAs; problem areas and limitations with current IRFPAs; potential needs for particular types of IRFPAs; IRFPA/detector development work, techniques and processes; and related topics.

Besides NAWCWPNS participants, Dodd said he intends to invite representatives from NAWCAD, NRL, ONR, the Naval Research and Development Center, the Army's Night Vision and Electronic Sensors Directorate, the Advanced Research Projects Agency (ARPA), Philips Lab, Program Executive Office (Theater Air Defense) and NAVAIR. This is a government-only, no-contractor meeting. At least eight of the above organizations have participated in this meeting in previous years.

Those wishing to make presentations should send an abstract or description of the presentation by April 22 to Jerry Dodd, NAWCWPNS 472110D, 1 Administration Circle, China Lake, CA 93555-6100. The information may also be sent by fax to 619-939-4625, or e-mailed to Jerry.Dodd@MLNGW.ChinaLake.Navy.Mil. For more information, contact Dodd at 619-939-4559.



EARLY IRFPA in size comparison photo.

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Women's History Month: celebrating the untraditional role makers

WASHINGTON — The month of March is set aside to recognize the achievements of women throughout American history. In 1997, the theme for the observance is "A Fine and Long Tradition of Community Leadership."

Leadership was once considered an "untraditional" role for women, but that did not prevent many fine women throughout history from assuming leadership

roles in their communities — either by choice or necessity. Their success created opportunities and inspired a host of others to follow the same path.

Women in the military have proven their leadership prowess and contributed greatly to mission accomplishment.

As a result, laws have changed over the years and restrictions have been lifted to give women more oppor-

tunities to serve. Today, women are emerging as leaders in business, government, education and other communities as well. The leadership tradition continues to grow and expand.

During March, commands are encouraged to recognize the achievements and contributions of military and civilian women, especially leaders, as part of the Navy and Marine Corps team.

AKAA Evelyn Rodriguez takes advantage of the open doors to success

By CTA1 Wendy Murrain
NAWS China Lake Ethnic Observance Committee

Being a parent in today's world is a hard job. Being a single parent is even harder. But being a single parent in the military offers even more challenges.

"It was very hard to sign a document giving custody of my seven-year-old daughter, Lynette, to my family," said Aviation Storekeeper Evelyn Rodriguez. "But that is required of any single parent who enters the military. That way, if the United States goes into a war-time situation, your child will be cared for. The military isn't responsible for finding baby-sitters for your children. You are responsible for your family and your actions."

While born in Bronx, New York, Rodriguez was raised in Staten Island, N.Y. She joined the United States Navy Sept. 25, 1995, and attended recruit training at Great Lakes, Mich. "Attending recruit training at the age of 27 was quite an adjustment," noted Rodriguez, who admitted being older than many of the recruits, "but I feel you are never too old to learn or to be all that you want to be in life."

Upon graduation from recruit training, Rodriguez



AKAA Evelyn Rodriguez

attended AKAA School "A" in Meridian, Miss. She was then assigned to the NAWS China Lake, where she

began working in Aviation Supply. She is responsible for receiving incoming material that is distributed to the various squadrons and delivering requested stock.

Rodriguez said she was inspired by her brother to join the Navy. "He told me I could make a better life for me and my daughter," she said. "He also said that the Navy had benefits that I could use and that I could obtain a college degree — if I stayed focused on my goals. I took his advice and I don't regret it."

Her plans are to achieve the highest goals possible in the military and to become an officer of a fleet master chief. "I would definitely recommend the military to any woman in my position," she said, "because of the positive programs offered. In addition, the military allows a single parent to be more independent."

Rodriguez said her strengths come from the Christian home she was raised in, and the fact that her parents told her to always strive for the best and to settle for nothing less. "I have lived by those words every day," she said.

"Women have been portrayed as weak and inferior," Rodriguez said, "but we are strong and very capable of doing anything and everything a man can do — but only if we take advantage of the open doors to success."

Tech Library News 'n' Tools

What's new at the Tech Library?

By Deanna Holloway
<http://chickie.lib.chinlake.navy.mil/>

The Tech Library is doing it's "spring thing" this year by offering a number of new items, services and information. Stop by, give us a phone call, avail yourself of our internet services on our home page or attend our classes to give yourself a refreshing spring start.

On-line

The Technical Library no longer receives paper copies of *Commerce Business Daily* — it's now received electronically. In our on-line computer room three Power Macintosh workstations allow patrons to view and search electronic issues of the CBD. The search software enables users to search on any word or combination of words within an issue. Entries can then be copied and pasted into a Word document or QuickMail form and sent to the customer's local printer.

A new network terminal for the Department of Defense Index of Specifications and Standards (DODISS) is now operational in the on-line room. It

is available for patron use and enables searching and viewing of military and federal specifications and standards.

The periodical, *Science*, can now be accessed electronically by users from the on-line room via a special account.

A new CD-ROM has been added to our collection and is available on the network. It's called Materials Science Citation Index with Abstracts. Its icon is located on Page 5 "B" of the menu. Users who wish to do an in-depth search in this index, or in any of our CD-ROMS, can receive individual assistance from our library staff.

Training

We have a "Find Info Fast - the Virtual Library" class coming up March 26 at China Lake and March 25 at Point Mugu. Reference librarians Craig Pelz, Cindy Clark and Jane Oswitt teach these classes, which have proven to be very good information packages for attendees. Phone our division office, 939-1017, for information on these two classes. Class content is an introduction to new library technologies. The class includes training

on Internet connections such as Alta Vista, Switchboard, Tech Library Home Page, Melvyl and Carl Uncover; STILAS, which is our on-line catalog; CD-ROM, *Early Bird* access and video conferencing. Administrative Officer Reg Read says, "The Tech Library is planning more Virtual Library classes. Watch *The Rocketeer*, *The Missile*, and your QuickMail for dates."

Bob Bloudek, the Technical Library's information systems administrator, is teaching a number of "Surfin' the Web - Introduction to the Internet" classes at the China Lake Training Center. These classes provide training on configuring your Macintosh to connect to the World Wide Web, an overview of Netscape browser software and the AltaVista search engine. Students have the opportunity to explore various military, government and other work-related sites on the Internet. Those interested in this 8-hour class should contact Annette Hernandez at 939-0870.

New books

"Quantum Theory of Real Materials." Chelikowsky, James R., and Steven G. Louie. 1996: Norwell, MA. QC173.454 Q36 1996 c.l. Articles by leading researchers in condensed matter physics. Chapter titles include: "Electronic Structure and Quantum Dynamics," "Semiconductors, Insulators and Metals," "Surfaces, Interfaces and Clusters," "Materials Under Pressure," and

"Fullerenes, Superhard Materials and other Novel Materials."

"A Beginner's Book of TEX." Seroul, Raymond, and Silvio Levy. 1991: New York, N.Y. Z253.4 T47 S47 1991 c.l. An introductory book to help potential users of TEX, a typography controlled by a computer program, that teaches fundamental concepts and commands and gives examples and "tricks" based on the authors' experience with TEX.

"Physical Properties of Polymers Handbook." Mark, James E., ed. (AIP) 1996: Woodbury, N.Y. REF TA455 P58 P475 1996 c.l. Part of the American Institute of Physics Series in Polymers and Complex Materials. The aim is to bring together the work of experts from different disciplines who are contributing to this growing area and to help those who concentrate on one type of complex material to find insight from systematic expositions of other materials with analogous microstructural complexities.

"Advances in Computers." Zelkowitz, Marvin V., ed. 1996: San Diego, Calif. QA76 A3 vols. 42 and 43. Topics that are extremely important, too long for a journal article yet not ready for book-length treatment, are included. Some chapters are: "Nonfunctional Requirements of Real-Time Systems," "Advances in Software Reliability Engineering, Program Slicing," "3-D Computer Vision Using Structured Light: Design, Calibration and Implementation Issues."

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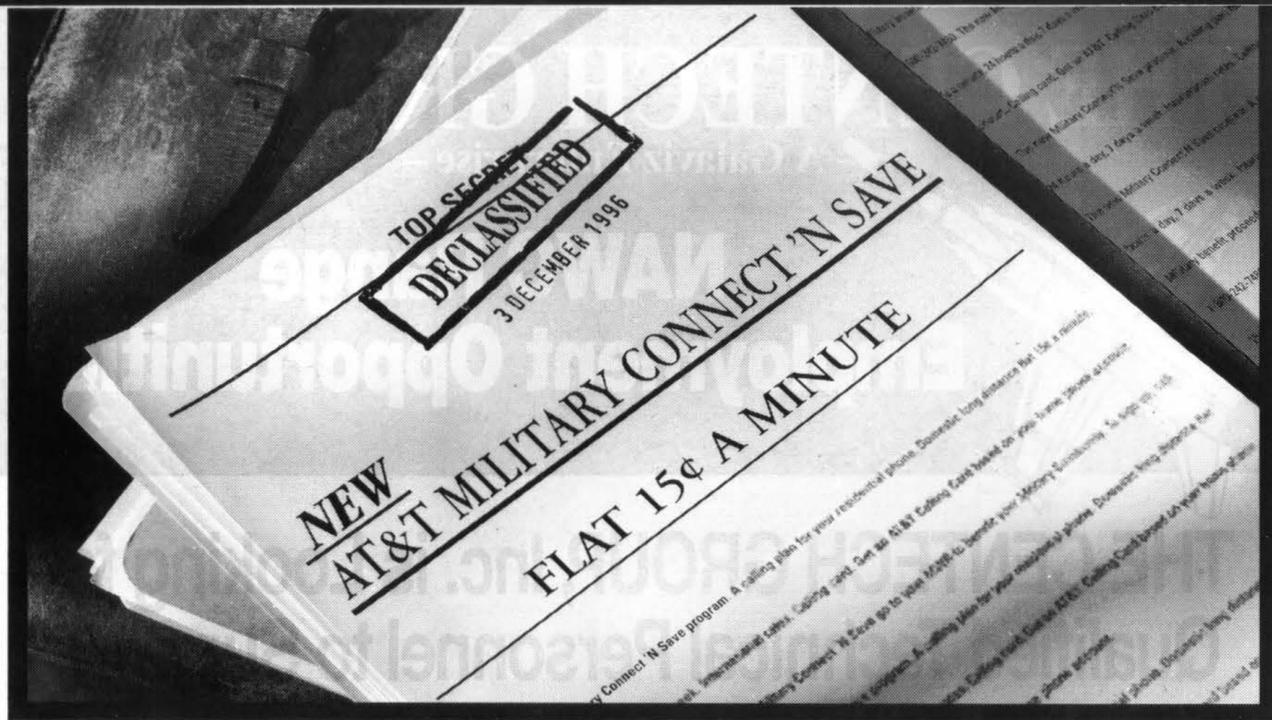
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MSSA Monica Serna stays focused on her life goals

By CTA1 Wendy Murrain
NAWS China Lake Ethnic Observance Committee

Taking advantage of the opportunities to young females wanting to enhance their career, while experiencing various cultures abroad, Monica E.



MSSA Monica Serna

Serna joined the United States Navy on March 25, 1996. The MSSA is the first member of her family to make the decision to serve in the military.

After completion of recruit training in Great Lakes, Mich., Mess Management Specialist Apprentice Serna was sent to the NAWS China Lake to serve as the assistant building manager at the NAWS Bachelor Enlisted Quarters. There she is responsible for maintaining furniture, keeping up with the furnishing and equipment inventory, doing the room inspection report and keeping the common-use areas clean. She is also responsible for the security of the combined bachelor quarters complex.

The low number of Hispanic females in the military doesn't discourage Serna. "I don't look at the low numbers as having a negative impact on how I view the military," she said. "This just helps me to strive harder to reach my goals as a naval officer. I would recommend the military to all females who wish to fulfill their dreams and to reach for the many opportunities beyond their expectation that are available."

Being a success isn't unusual for Serna. While attending Valencia High School in Orange County, Calif., she volunteered her time as a teacher's aide. After receiving her certification in 1995, she taught bilingual preschool students of Hispanic descent.

"Many times I would extend my work-

ing hours to assist the children on special projects and prepare them for their next step to kindergarten," she said with fond memories.

This, plus her grade point average and interaction with other members of the Valencia High School student body, resulted in Serna being selected as the Regional Opportunity Program Student of the Year. Her leadership skills as a teacher's aide resulted in her becoming the first female from the high school to receive the Ray Gerace Memorial Scholarship.

Serna continues to give of herself, being an active member of the NAWS China Lake Ethnic Observance Committee. She recently took part in "The Melting Pot," a play put on by the EOC which emphasized the need to understand, to learn about and not prejudice one another.

Serna credits her inspiration to her mother. "She gave me love and guidance and a Christian foundation. She would always tell me that I could do anything in life as long as I remained focused on my goals."

Another inspiration came while attending recruit training. "I was given the opportunity to meet Adm. Tracey, who is the most senior ranking female in the Navy," Serna said. "She encouraged all the recruits to work harder and to excel in all their endeavors. Observing her left a lasting impression on me, which is, 'I can do it.'"

Women's History Month Message

By Gen. John M. Shalikashvili
Chairman of the Joint Chiefs of Staff

March marks the 16th anniversary of the National Celebration of Women's History. This year's theme, "A Fine and Long Tradition of Community Leadership," recognizes women's contributions and how they have transformed American communities. The outstanding performance of America's military and federal civilian women has made the U.S. military a stronger, more ready, more capable force. The commitment to providing equal advancement opportunities for top-notch women throughout the DoD is not only right, it is smart. It is essential not to waste the talents of any individual who is willing and able to contribute to the nation's continued military superiority. I ask all to reflect upon the legacy of service and dedication of the women of our military's past and to look with pride on the accomplishments and contributions of the women of today's Army, Navy, Air Force, Marines and federal service. Military and federal civilian women are not only helping to shape society, they are successfully facing many challenges and creating possibilities throughout the world.

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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 site only. Opening Date: 3-20-97. Closing Date: 4-3-97. Selecting Official: Ed Larocche, 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 Phase I training of recruit police officers and for Phase II in-service training of 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 will take 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, i.e. 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. Note: Readvertised due to lack of qualified applicants. Previous applicants need not re-apply.

REASSIGNMENT COLUMN

No. 472-008-GB7, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-4, Weapons/Targets Department, Guidance and Control Systems Division, Code 472000D—Area of Consideration: NAWCWPNS. Opening Date: 3-20-97. Closing Date: 4-3-97. Selecting Official: Karen Higgins, (619) 939-1468. HRD Contact: Gail Bigelow, (619) 939-8113. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: Serves as Head, Guidance and Control Systems Division. The Division is responsible for performing engineering support to weapon acquisition programs, including the associated technologies leading to advanced guidance and control concepts. Capabilities cover the full range of guidance options: IR/EQ, RF, MMW, Inertial, GPS, Multi-Spectral, and Multi-Mode and every aspect of weapon control, including autopilots and actuators. The Division has responsibility for fuse and proximity sensors. Expertise is maintained within the Division in the

following areas: sensors, seeker platforms, signal processing, signature measurements and modeling, modeling and simulation (flyout, endgame, subsystem), autopilots, INS and GPS, control actuators, cryogenics, and hardware engineering and prototype fabrication. The incumbent is a third-level supervisor responsible for 420 civilians in direct technical support of multiple projects sponsored by NAVAIR, NAVSEA, ONR, Air Force, and other customers. The incumbent must demonstrate knowledge of the weapons acquisition process, G&C systems, and technology base development. In addition, incumbent must have demonstrated ability to manage personnel and resources in support of weapons acquisition programs; ability to coordinate with other services; the ability to interface effectively with IPTEDTs and understand their requirements; and the ability to work effectively in a management team with a corporate perspective. As a supervisor, incumbent must demonstrate knowledge of affirmative action principles including a willingness to implement EEO practices, policies, and procedures. This position is a Defense Acquisition Position, and the incumbent must have the ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering this position. Selectee must be a member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Full performance level: DP-4. Incumbent must be able to obtain and maintain a Top Secret clearance. Interested reassignment candidates should send an updated application (e.g., resume, OF-612, SF-171, etc.) to Gail Bigelow, Code 731000D. Notes 2, 3, and 4 apply.

No. 473-001-RP7, Supervisory Interdisciplinary (General, Electronics, Mechanical, Aerospace Engineer, Physicist), DP-801/855/830/861/1310-4, Code 473000D—Area of Consideration: NAWCWPNS. Opening Date: 3-20-97. Closing Date: 4-3-97. Selecting Official: Karen Higgins, (619) 939-1468. HRD Contact: Robert Peoples, (619) 939-8120. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: This position is located at China Lake. Incumbent serves as Head, Airframe, Ordnance, and Propulsion Division. This Division is a multidisciplinary organization consisting of approximately 375 scientists, engineers, and technical support personnel located at China Lake and Point Mugu. The Division is responsible for the technology advancement of airframes, energetic materials (propellants and explosives), warheads and fuzes, solid and airbreathing propulsion, aircraft guns and ammunition; the design and development of weapons and weapons components; and the provision of consulting expertise in the described technical areas and in environmental, reliability, and electromagnetic effects engineering. The incumbent must demonstrate knowledge of energetic materials (propellants and explosives), warheads, fuzes, solid and airbreathing propulsion, and airframes; knowledge of weapons and the weapons technology

and development process; knowledge of the safety requirements and procedures associated with the technology, development, and industrial processes of energetic materials. The incumbent must demonstrate the ability to manage an organization; ability to function effectively as a member of the Weapons Department Management Team; ability to effectively communicate and coordinate with other organizations within and external to the Navy, including other government agencies, private industry, and non-U.S. agencies. As a supervisor, incumbent must demonstrate knowledge of affirmative action principles, including a willingness to implement EEO practices, policies, and procedures. The incumbent must have the ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering this position. Selectee must be a member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Incumbent must be able to obtain and maintain a Top Secret clearance. Interested reassignment candidates should send an updated application to Robert Peoples, Code 731000D. Notes 2, 3, and 4 apply.

No. 4J-006-RF, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Operations Research Analyst/Mathematician), DP-801/830/855/861/1515/1520-4, Concept Analysis, Evaluation and Planning (CAEP) Department, China Lake, CA, Code 4J0000D—Area of Consideration: NAWCWPNS. Opening Date: 3-20-97. Closing Date: 4-3-97. Selecting Official: Sterling Haaland, (619) 939-3409. HRD Contact: Robert Fitzpatrick, (619) 939-8117. Permanent Change of Duty Station Authorized: No. Summary of Duties: Serves as Head, Concept Analysis, Evaluation and Planning (CAEP) Department. The incumbent is responsible for a multidisciplinary organization of approximately 90 analysts, engineers, and technical support personnel located at China Lake and Point Mugu. The CAEP Department is responsible for leading and conducting studies to evaluate warfare systems in the operationally realistic environment of an integrated battlespace. Incumbent must be able to establish and maintain good working relationships at all levels throughout the NAVAIR TEAM and DOD. Knowledge of the operational analysis community is required and must be able to obtain and maintain a Top Secret security clearance. Selectee for position will be required to meet the mandatory DAWIA requirements for Level III of the Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering the position; selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. Full performance level: DP-4. To apply submit an updated application (e.g., resume, OF-612, SF-171, etc.) to Robert Fitzpatrick, Code 731000D. Notes 2, 3, and 4 apply.

LONG-TERM OFF-CENTER ASSIGNMENTS

The following is a 1-year NSTEP assignment in Washington, D.C., beginning in August 1997. Only DP-3s and DP-4s in series 801, 830, 855, 861, 1310, 1515, 1520, and 1550 with a minimum of 3 years' experience at NAWCWPNS are eligible to apply.

Staff Assistant, Office of the Chief of Naval Operations, Strike Warfare Branch (N880D6). This position supports the office in developing, reviewing, or revising operational requirements and the Navy's long-term plans for all Navy and Marine air-launched strike weapons and ordnance. The primary duty for this position is to provide technical assistance to the integration team in N880C/D. The purpose of the team is to work issues that cross aircraft and weapon boundaries. Examples of such programs are GPS targeting and TAMPS. In addition, the incumbent will continue to define the Navy neck-down strategy and identify shortfalls. For each shortfall, he/she will define alternative methods of meeting the warfighting need and thereby help redefine the strategy in a way that is cost effective and provides the necessary capability to the Fleet. In this capacity, the incumbent also gives general engineering support to all requirements officers on technical issues. The incumbent assists in reviewing government and industrial technology base efforts and developments and proposed application of new technologies. Specifically, the incumbent will organize and direct the Advanced Technology Demonstration (ATD) rating process within N880C/D and ensure proposals that have greatest benefit to naval aviation programs in N880C/D are well represented among N880 priorities. In addition, the incumbent will provide technical liaison between OPNAV and NAWCWPNS as required.

The objectives of the assignment are to expand the incumbent's knowledge and understanding of the Navy's Programming, Planning and Budgeting System (PPBS) and to provide experience in various areas of new technology. In addition, the incumbent will gain expanded knowledge of the Navy's organization and how it works to define and procure weapons and ordnance systems to meet various mission phases. A security clearance at the Secret level is required.

Applicants must include a letter of endorsement from the applicant's department stating that it is willing to provide overhead funding to support the position.

For further information about the position, call the present incumbent, Wayne Willhite, at DSN 224-3161 or (703) 614-3161, or Frank Markarian at 939-3241.

Apply by submitting a current SF-171, OF-612, or resume (see OF-510) to Code 730000D (Saundra Wydra, Bldg. 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Bldg. 211, 989-3347) by COB Friday, 28 March.

The following is a 1-year assignment in Washington, D.C., beginning in August 1997. Only DP-3s and DP-4s in series 801, 830, 855, 861, 1310, 1515, 1520, and 1550 with a minimum of 3 years' experience at NAWCWPNS are eligible to apply.

Technical Advisor, Office of the Chief of Naval Operations (N911). Participant will be assigned a variety of duties to assist the Navy Science & Technology (S&T) Program. This includes involvement with S&T requirements development and the selection of Advanced Technology Demonstration projects. The person selected will have direct interface with senior personnel in other DOD agencies, OPNAV, all SYSCOMS, ONR, and industry.

In addition, the incumbent will participate in strategic planning through activities such as the Technology Initiatives Game and the Technology Round Tables and will assist in managing the execution of high pay-off/high risk research and development (R&D) projects that support air, surface, and subsurface platforms in priority warfare areas. This includes the selection process for new fiscal year starts and support of Navy proposals in multiagency competition. This assignment requires a highly motivated senior-level scientist/engineer/analyst/manager with excellent interpersonal and communications skills and who has familiarity with S&T programs, systems design methodology, FLEET operations, and the research, development, and acquisition process. Security clearance at the Secret level is essential.

For more information, contact the present incumbent, Phil Dixon, at (703) 601-1796, or Frank Markarian at 939-3241.

Apply by submitting a current SF-171, OF-612, or resume (see OF-510) to Code 730000D (Saundra Wydra, Bldg. 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Bldg. 211, 989-3347) by COB Friday, 28 March.

The following is a 1-year NSTEP assignment to the Naval Aviation Science and Technology Office (NAVSTO) in the NAVAIR 4 OT competency, located in the Washington, D.C. area beginning in August 1997. Only scientists and engineers at the DP-3 and DP-4 levels with a minimum of 3 years' experience at NAWCWPNS are eligible to apply.

Staff Assistant, Naval Aviation Science and Technology Office (NAVSTO). Applicants must have a broad technical engineering and management background with both acquisition and Science and Technology (S&T) programs, and be familiar with SYSCOMS, OPNAV, ONR, and other Navy Laboratory/Center communities. The incumbent will work directly with and provide support to the Director and Chief Scientist/Technologist on special S&T studies and will interface with ASN, ONR, NRL, and other Navy warfare centers on technology base program execution and evaluation. The incumbent will assist the Director and Chief Scientist/Technologist in providing a focal point and leadership for science and technology for NAVAIR. A security clearance at the Secret level is required.

Job relevant criteria include the abilities to provide scientific, technical, and professional engineering advice and guidance on substantive technical aspects of the overall S&T program; analyze resource support, including staffing, funding, and capital investment required to carry out an S&T program fully responsive to NAVAIR/NAWC requirements; work with technology base program managers in the Aircraft and Weapons Divisions to ensure NAWC S&T program interests are fully represented in Washington; and conduct special studies covering future technology base planning and resource requirements for the Chief Scientist/Technologist.

Applicants must include a letter of endorsement from the applicant's department stating that the department is willing to provide overhead funding to support the position.

For further information about the assignment, contact the present incumbent, Bob McGahern, at DSN 664-2237 (ext. 6339) or (703) 604-2237 (ext. 6339), or Frank Markarian at 939-3241.

Apply by submitting a current SF-171, OF-612, or resume (see OF-510) to Code 730000D (Saundra Wydra, Bldg. 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Bldg. 211, 989-3347) by Friday, 28 March.

The following is a 1-year NSTEP assignment in Washington, DC, beginning in August 1997. Only DP-3s and DP-4s in series 801, 830, 855, 861, 1310, 1515, 1520, and 1550 with a minimum of 3 years' experience at NAWCWPNS are eligible to apply.

Staff Assistant, Office of the Deputy Director, Air Warfare; Office of the Director, Strategic and Tactical Systems; Office of the Under Secretary of Defense, Acquisition and Technology (OUSD(A&T)). The incumbent performs a variety of duties as staff assistant in the Office of the Under Secretary of Defense (OUSD(A&T)), including participating in the planning and analysis of tactical air warfare systems acquisition programs, working with senior staff specialists, and executing the development and procurement of one or more weapon system programs under the oversight of the Office of the Deputy Director (Air Warfare). Candidate will also be involved in all functions of the Office of the Deputy Director (Air Warfare), including preparation of the Defense Guidance, Air Systems studies, issues papers, program milestone reviews, and reports to Congress, as well as participation in Defense Acquisition Executive Summary, OUSD Product Team process including Working Level IPTs (WIPT) and Defense Acquisition Board Reviews.

It is desirable that the candidate have experience in the following areas: planning or reviewing research, development, and acquisition programs for aircraft and weapons systems and mechanisms; budget aspects of programs; writing technical reports, background papers, and correspondence; and contact and interaction with senior civilian and military officials. The incumbent must be able to master complex tasks, be a self-starter, and possess managerial advancement potential. Candidates must possess a Secret clearance or have a current background investigation.

For further information about the position, call the present incumbent, Sol Waters, at DSN 227-1522 or (703) 697-1522, or Frank Markarian at 939-3241.

Apply by submitting a current SF-171, OF-612, or resume (see OF-510) to Code 730000D (Saundra Wydra, Bldg. 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Bldg. 211, 989-3347) by COB Friday, 28 March.



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 %
February 1997	0.79	0.24	0.51
Last 12 months:	26.04	5.38	6.88
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. The interest rate for loans approved in March is 6.75%. For funds to be disbursed in April, the complete package must reach the TSP Service Office by 4 April.

CHANGE OF ADDRESS: If you have a new address, now is the time to report it to your payroll support office. That way, your address will be correct before your participant statement is mailed in May.

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.

HIGH-PERFORMANCE COMPUTING SERVICES AVAILABLE

Airframe, Ordnance, and Propulsion Division announces the availability of the High Performance Computing Systems. These two systems known as Airpower and Airframe, are available to DOD and contractors. These systems are currently being used by NAWCWPNS for analysis and visualization and are run as a cost center. The Airpower system is a Silicon Graphics Power Challenge with 12-200Mhz R10000 processors, 3Gb of main memory, and 180Gb of disk storage. The Airframe system is a deskside Silicon Graphics Reality Engine 2 with 4-200Mhz R4400 processors, 512Mb of main memory, and 60Gb of disk storage. The usage cost for these two systems is based only upon CPU time used. The cost is \$23 per CPU hour for Airframe and \$10.50 per CPU hour for Airpower. The Division also has various packages available for use, these include Patran3, SDRC Master Series CAD/CAM, USAERO, VSAERO, Abacus, MSC Aries/Nastran, Nevada, and Sinda. All of these packages, with the exception of SDRC and Patran3, can be used by any user for the cost of the amount of CPU time used. SDRC and Patran3 are charged at the rate of \$20 per hour that a license is checked out.

For further information or to get an user account for either Airframe or Airpower system, contact Dr. Frank Mansfield at 619-939-2627 or email at mansfiel@sgaero6.chinalake.navy.mil

UNIVERSITY OF TENNESSEE MASTERS DEGREE PROGRAM

The Summer term for the University of Tennessee Space Institute (UTSI) master's degree program begins on 5 June. If you are not enrolled in the program, now is the time to complete that process. This master of science degree in aviation systems is offered to individuals who have a bachelor's degree in an engineering. If your bachelor's degree is in another field, you can be admitted on a probationary status. Videotaped courses are available to students enrolled at China Lake and Point Mugu. The tapes can be viewed by students in the comfort of their homes.

Test pilot school graduates receive 9 to 12 hours credit, enabling a student to complete a master's degree by taking four to five courses and 6 thesis hours to complete degree programs. The following is the tentative summer schedule:

AS 510	Special Topics: Introduction to Aircraft Structures. By: Dr. Solies
AS 504	Airports and the Community. By: Dr. Hansen
IE 405	Engineering Economy. By: Dr. Boatadelli (UTK)
EM 536	Project Management. By: Dr. Claycomb (UTK)
EM 542	Design of Experiments. By: Dr. Hailey

For more information, contact the area representative at (619) 927-8874 or (619) 499-9101. You can also stop by our office in the Family Service Center, Office C, on Tuesdays and Wednesdays from 1030 to 1330.

or by downloading the information packet ~/pub/HPC_Systems/Operations.ps by anonymous ftp from airframe.chinalake.navy.mil.

GENERIC PRINTER CONTRACT AVAILABLE

The Acquisition Support Branch, Code 721200D, has a Center-wide (China Lake and Point Mugu) contract for remedial and preventive maintenance and installation of generic printers. This contract is a time-and-materials contract. It is NOT A MANDATORY contract, but has been initiated to provide primary or alternative service support.

Contractor: MFS, Inc.
Contract Number: N68936-94-D-0231
Period of Performance: 1 December 1994 - 30 November 1997

Cost: \$27.45 per hour with a 1-hour minimum plus parts/materials and a 10% uplift for material handling

If you want service on this contract, you must contact the Point Mugu Customer Support Center at 989-8083 or the China Lake Customer Support Center at 939-1200 with the following information: model number, serial number, bar code, a brief description of the problem, contact/requester and your code and alternate point of contact, phone number, job order number, and location of the equipment.

Direct questions or problems to Martha Faron, Code 721200D at (760) 939-3395 (DSN 437-3395).

SUN INFORMATION TECHNOLOGY HARDWARE MAINTENANCE CONTRACT

Effective 1 Oct 96, the NAWC/NAWS awarded a nonmandatory Sun hardware clones/compatibles and attached peripherals maintenance contract to MFSI, Contract Number N68936-96-D-0040 for China Lake and Point Mugu. Upgrades not to exceed \$2500 are allowed under this contract to increase memory, hard-drive requirements, or for other maintenance-related problems. If you need a maintenance-related upgrade, send a QuickMail message to Linda McCauley with the following: a brief description of the problem (i.e., unable to open multiple applications, insufficient memory messages, unable to load software due to memory shortage, etc); primary and alternate point of contact name, badge number, phone and code; equipment location bldg. and room number; job order to pay for the service; Model of Mac CPU and serial number; barcode or minor ID number; and any other information needed to log a trouble call. The period of performance is 10 Jan 96 to 9 Jan 01. The principal period of maintenance (PPM) is Monday through Friday (excluding Government holidays), 0730 to 1630. On-call customers on the contract with a fixed monthly fee can place a trouble call through the 800 number. Per-call coverage customers must place a trouble call through the Customer Support Center (CSC): (805) 989-8083 (DSN 351-8083) for Point Mugu, and (619) 939-1200 (DSN 437-1200) for China Lake. Trouble calls through the CSC will be electronically transferred by a warranted Government Ordering Officer to the contractor at 1100 and 1600. Response time between receipt of the trouble call and the service technician beginning work on the repair shall be no greater than 6 hours.

Per-call (time and material hourly rate) customers will be subject to \$48/hr (2-hr minimum) plus parts replaced. A 10% material-handling charge will be applied to parts/materials in addition to a 13% administrative fee for the Code 721200D service center costs. On-call (fixed monthly fee) customers will pay the fixed monthly fee plus an 13% surcharge for the Code 721200D service center costs. Any calls placed outside the PPM will be under the Per-call provisions of the contract, which is \$58/hr (2-hr minimum) plus parts replaced. A 10% material handling charge will be applied to parts/materials in addition to a 13% administrative fee for the Code 721200D service center costs.

To add/delete or modify inventory to this contract or ask questions or discuss problems, call or QuickMail Linda McCauley (Sun H/W Contract COR), Code 721200D at (619) 939-0614 (DSN 437-0614) or fax (619) 939-3864 (DSN 437-3864).

Our MFSI technicians are John Markely, Frank Prattini, and Delvin Chicone (Chico) for China Lake and Robert Johnson at Point Mugu, with the China Lake technicians as backup.

APPLE INFORMATION TECHNOLOGY HARDWARE MAINTENANCE CONTRACT

Effective 1 Oct 96, the NAWC/NAWS awarded a nonmandatory Apple hardware clones/compatibles and attached peripherals maintenance contract to Digital Support Corporation (DSC), Contract Number N68936-96-D-0040 for China Lake and Point Mugu. Upgrades not to exceed \$2500 are allowed under this contract to increase memory, hard-drive requirements, or for other maintenance-related problems. If you need a maintenance-related upgrade, send a QuickMail message to Linda McCauley with the following: a brief description of the problem (i.e., unable to open multiple applications, insufficient memory messages, unable to load software due to memory shortage, etc); primary and alternate point of contact name, badge number, phone and code; equipment location bldg. and room number; job order to pay for the service; Model of Mac CPU and serial number; barcode or minor ID number; and any other information needed to log a trouble call. The period of performance is 10 Jan 96 to 9 Jan 01. The principal period of maintenance (PPM) is Monday through Friday (excluding Government holidays), 0700 to 1700. Customers must place a trouble call through the Customer Support Center (CSC): (805) 989-8083 (DSN 351-8083) for Point Mugu and (619) 939-1200 (DSN 437-1200) for China Lake. Trouble

calls through the CSC will be electronically transferred by a warranted Government Ordering Officer to the contractor at 1100 and 1600. Response time between receipt of the trouble call and the service technician beginning work on the repair shall be no greater than 4 hours. The labor rate is \$35.25/hr (1-hr minimum) 0700 to 1700 and \$52/hr (1-hr minimum) outside 0700 to 1700, plus cost of parts, 14% material handling charge, and 16% administrative fee for the Code 721200D service center costs. To place a trouble call at China Lake, call (619) 939-1200 Customer Support Center. At Point Mugu, call (805) 989-8083 PM Customer Support Center.

Our DSC technicians are Brad Bruna, Bobby Kinstle and Micah Hall at China Lake and Bill Thomas at Point Mugu.

If you have any questions or problems, call or QuickMail Linda McCauley (Apple H/W Contract COR), Code 721200D at (619) 939-0614 (DSN 437-0614) or fax (619) 939-3864 (DSN 437-3864).

TEKTRONIX INFORMATION TECHNOLOGY HARWARE MAINTENANCE CONTRACT

NAWC/NAWS also has a non-mandatory Tektronix hardware and attached peripherals maintenance contract with Telos Corporation (DSC), Contract Number N68936-94-D-0062 for China Lake and Point Mugu. The period of performance is through December 1998. The principal period of maintenance (PPM) is Monday through Friday (excluding Government holidays), 0730 to 1630. Customers must place a trouble call through the Customer Support Center (CSC): (805) 989-8083 (DSN 351-8083) for Point Mugu and (619) 939-1200 (DSN 437-1200) for China Lake. Trouble calls through the CSC will be electronically transferred by a warranted Government Ordering Officer to the contractor at 1100 and 1600. Response time between receipt of the trouble call and the service technician beginning work on the repair shall be no greater than 6 hours. The labor rate is \$40/hr (2-hr minimum), 0700-1700 and \$60/hr (2-hr minimum)

outside 0700-1700, plus cost of parts, 10% material handling charge, and 13% administrative fee for the Code 721200D service center costs. To place a trouble call at China Lake, call (619) 939-1200 Customer Support Center. At Point Mugu, call (805) 989-8083 PM Customer Support Center.

Our Telos technicians are Dave Bull at China Lake and Richard Rabino at Point Mugu.

If you have any questions or problems, call or QuickMail Linda McCauley (Apple H/W Contract COR), Code 721200D at (619) 939-0614 (DSN 437-0614) or fax (619) 939-3864 (DSN 437-3864).

CHINA LAKE

BC/BS REPRESENTATIVE TO VISIT CHINA LAKE

The Blue Cross/Blue Shield (BC/BS) service representative will be at China Lake on Wednesday, 26 March. At that time, you can obtain answers to questions about your coverage and receive help with any related problems. Be sure to bring all pertinent documentation. The representative will be at the Training Center, Room 201, 0800 to 1130 and 1245 to 1430. If you have any questions, contact Leora Fields at 939-2018.

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.

POINT MUGU

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 NAWCWPNS 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

Barbara Hurd, Code 523100D

Barbara suffers from bilateral upper-extremity tendinitis.

Al Dorfman, Code 841300D

Al is recovering from back surgery.

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.

Brenda Allen, Code 473110D

Brenda is recovering from major surgery.

Nathan "Stu" Hannah, Code 834400D

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

Sandy Watson, Code 335000D

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

Chris Sutton, Code 455320D

Chris is recovering from a relapse of an autoimmune disease.

Nancy Rodgick, Code 725100D

Nancy has a medical problem.

POINT MUGU

Janet Alvarez, Code 8F0000E

Janet is under a doctor's care.

Sally Rodriguez, Code 56CD00E

Sally is under a doctor's care.

Lillian Cabello, Code 731000E

Lillian has medical problems.

Juanita Faye Blunt-Ingorsoil, Code 529110E

Juanita has been diagnosed with lymphoma.

Vivian Almaguer, Code 836100E

Vivian is on maternity leave.

Michael T. Dang, Code 522K00E

Michael is under a doctor's care.

Anita Retome, Code 455330E

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

Marion O'Brian, Code 4KL500E

Marion's daughter is undergoing a lung transplant.

Norma Lavin, Code 529110E

Norma is under a doctor's care.

Mikki McCully, Code 454930E

Mikki is recovering from major surgery.

and leadership to a team of budget analysts and assistants as well as providing analysis, resource allocation, fiscal advice, and counsel and conducting studies for the assigned organization. Incumbent is responsible for preparing and consolidating operating budgets and exhibits required to compile the A-11 budget. Additionally, the incumbent must have the ability to understand complex resource allocation issues and take on corporate Comptroller/Financial Management tasks. A working knowledge of the NAWCWPNS budget formulation and execution processes, the Department of Defense Financial Management Regulations (formerly NAVCOMP Manual), the NAWC Fiscal Policies and Procedures Manual, and the ongoing Competency Aligned Organization efforts is required. Some knowledge of the automated single financial system (NIFMAS) is also required. **Quality-Ranking Factor:** Knowledge of the budget formulation/execution process and the Navy Working Capital Fund; ability to express oneself both orally and in writing; ability to interpret rules and regulations, prioritize workload, and meet deadlines; ability to deal effectively with a diverse customer base; and ability to use the Macintosh computer and business applications (Excel, Microsoft Word, etc.). The full performance level of the position is DP-3.

No. 76-002-NR7, Budget Analyst, DA-0560-1/2/3 (Multiple Vacancies), Code 763000D—Area of Consideration: NAWCWPNS. **Opening Date:** 3-20-97, **Closing Date:** 4-3-97. **Selecting Official:** Elaine Wunderlich-Janson, (619) 939-3917 (DSN 437-3917). **HRD Contact:** Nancy Robinson, (619) 939-8106 (DSN 437-8106). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** These positions are in the Technical Financial Management Branch and the Shore Station Management Branch of the Financial Management Division, located in the Comptroller/Financial Management Department. The incumbent provides analysis, resource allocation, fiscal advice and counsel, and conducts studies for assigned organizations. Responsible for preparing and consolidating operating budgets and exhibits required to compile the A-11 budget. The incumbent must have the ability to understand complex resource allocation issues. A working knowledge of the NAWCWPNS budget formulation and execution processes, the Department of Defense Financial Management Regulations (formerly NAVCOMP Manual), the NAWC Fiscal Policies and Procedures Manual, and the ongoing Competency Aligned Organization efforts is required. Some knowledge of the automated single financial system (NIFMAS) is also required. **Quality Ranking Factor for DA-1:** Ability to express oneself both orally and in writing; ability to interpret rules and regulations, prioritize workload, and meet deadlines; ability to deal effectively with a diverse customer base; and ability to use the Macintosh computer and business applications (Excel, Microsoft Word, etc.). **Quality Ranking Factor for DA-2/3:** Knowledge of the budget formulation/execution process and the Navy Working Capital Fund; ability to express oneself both orally and in writing, interpret rules and regulations, prioritize workload, and meet deadlines; ability to deal effectively with a diverse customer base; and ability to use the Macintosh computer and business applications (Excel, Microsoft Word, etc.). The full performance level of these positions is DA-3.

Notes 1, 2, 3, and 4 apply.

No. 76-003-NR7, Interdisciplinary (Computer Scientist/Electronics Engineer), DP-1550/855-4, Code 76A000D/E Area of Consideration: NAWCWPNS. **Opening date:** 3-6-97. **Closing date:** 4-3-97. **Permanent Change of Duty Station:** No. **Selecting Official:** M. K. Dolan, 989-7923 (DSN 351-7923). **HRD Contact:** Nancy Robinson, 939-8106, (DSN 437-8106). **Summary of Duties:** Serves as Project Manager for the NIFMAS Project Office for the Comptroller/Financial Management Department. This is a DAWIA position in the Systems Planning, Research, Development, and Engineering career field. Incumbent provides overall direction, coordination and management of all facets and functions of a major technical program or several closely related programs. The incumbent serves as the single point of contact for all NAWCWPNS, interfacing with headquarters, contractors, and other government activities involved in the program. Is responsible for preparation of all planning documents associated with program organization, product development, program budgets, schedule, reports, and documentation. Implements local policies as they apply to the program. Responsible for the technical and administrative supervision of a small-to-medium workforce, including professional and nonprofessional employees (and/or contractors) in an organizational group whose work has major impact on one or more NAWCWPNS efforts involving critical technical issues. Demonstrates considerable creativity, foresight, and technical and administrative knowledge in solving unprecedented problems, determining program objectives and requirements, organizing projects, developing standards, and guiding the work of others. Formulates, guides, monitors, and directs analytical studies of systems and system concepts of major impact on NAWCWPNS programs and operations. Incumbent must have the ability to understand complex resource allocation issues and take on corporate Comptroller/Financial Management tasks. A working knowledge of the on-going Competency Aligned Organization efforts is required, as well as knowledge of hardware and software development processes; skill in implementation of software engineering life cycle including: requirements definition, analysis, design, code, testing, configuration management, quality assurance, verification and validation; ability to express oneself both orally and in writing; ability to deal effectively with a diverse customer base; knowledge of affirmative action principles including a willingness to implement EEO practices; and ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering this position. **Notes 1, 2, 3, and 4 apply.**

No. 76-004-NR7, Program Manager, DP-340-4, Code 76A000D/E—Area of Consideration: NAWCWPNS. **Opening Date:** 3-6-97. **Closing Date:** 4-3-97. **Permanent Change of Duty Station:** No. **Selecting Official:** M. K. Dolan, 989-7923 (DSN 351-7923). **HRD Contact:** Nancy Robinson, 939-8106, (DSN 437-8106). **Summary of Duties:** Serves as Project Manager for the NIFMAS Project Office for the Comptroller/Financial Management Department. This is a DAWIA position in the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering this position. **Notes 1, 2, 3, and 4 apply.**

No. 76-004-NR7, Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Warning Systems Branch, Code 454230E—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Susan Hynds, (805) 989-4018. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Missile Warning and Electronic Support Measures Section, which provides the resources and expertise required to design, develop, and provide in-service engineering for electronic warfare airborne tactical missile warning and electronic support measures systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to implement the design, development, upgrade, or redesign of missile warning systems and electronic support measures systems. The position requires experience and expertise in warning and support systems hardware and software, RF/EO/IR technology, threat analysis and technique development, and electronic warfare suites. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare missile warning and electronic support measures systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, 3, and 4 apply.**

No. 76-004-NR7, Program Manager, DP-340-4, Code 76A000D/E—Area of Consideration: NAWCWPNS. **Opening Date:** 3-6-97. **Closing Date:** 4-3-97. **Permanent Change of Duty Station:** No. **Selecting Official:** M. K. Dolan, 989-7923 (DSN 351-7923). **HRD Contact:** Nancy Robinson, 939-8106, (DSN 437-8106). **Summary of Duties:** Serves as Project Manager for the NIFMAS Project Office for the Comptroller/Financial Management Department. This is a DAWIA position in the Systems Planning, Research, Development, and Engineering career field. Incumbent provides overall direction, coordination and management of all facets and functions of a major technical program or several closely related programs. The incumbent serves as the single point of contact for all NAWCWPNS, interfacing with headquarters, contractors, and other government activities involved in the program. Is responsible for preparation of all planning documents associated with program organization, product development, program budgets, schedule, reports, and documentation. Implements local policies as they apply to the program. Responsible for the technical and administrative supervision of a small-to-medium workforce, including professional and nonprofessional

employees (and/or contractors) in an organizational group or program office whose work has major impact on one or more NAWCWPNS efforts involving critical technical issues. Demonstrates considerable creativity, foresight, and technical and administrative knowledge in solving unprecedented problems, determining program objectives and requirements, organizing projects, developing standards, and guiding the work of others. Formulates, guides, monitors, and directs analytical studies of systems and system concepts of major impact on NAWCWPNS programs and operations. Incumbent must have the ability to understand complex resource allocation issues and take on corporate Comptroller/Financial Management tasks. A working knowledge of the ongoing Competency Aligned Organization efforts is required, as well as knowledge of hardware and software development processes; skill in implementation of software engineering life cycle including: requirements definition, analysis, design, code, testing, configuration management, quality assurance, verification and validation; ability to express oneself both orally and in writing; ability to deal effectively with a diverse customer base; knowledge of affirmative action principles including a willingness to implement EEO practices; and ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering this position. **This position may be filled at either site. Interested reassignment candidates should send an updated application to the Business Office, Code 76D000E. This is a critical acquisition position. The selectee must be a current member of the Acquisition Professional Community (APC) or become an APC member prior to assignment. The selectee will be required to sign a service agreement to remain in the position for at least a three-year period. This readvertisement corrects DAWIA information in previous ad. Previous applicants need not reapply.**

NAWCWPNS/CURRENT APPOINTABLE EMPLOYEES

No. 454-003-GW7, (1) Supervisory Interdisciplinary (Electronics Engineer, Physicist, Mathematician, Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Dispensers and Expendables Branch, Code 454400E—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** A. C. Kinghorn, (805) 989-7832. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Dispensers and Expendables Branch, which provides the resources and expertise required to design, develop, and provide in-service engineering for Electronic Warfare airborne tactical dispenser and expendable systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to implement the design, development, upgrade, or redesign of dispensers and expendables. The position requires experience and expertise in off-board countermeasures hardware and software, decoys, chaff, flares, and associated RF/EO/IR technologies and techniques. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare dispensers and expendables hardware and software, decoys, flares, chaff, airborne platforms, interface, and integration of avionics systems/subsystems, and associated RF/EO/IR technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Top Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, 3, and 4 apply.**

No. 454-004-GW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Warning Systems Branch, Code 454230E—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Susan Hynds, (805) 989-4018. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Missile Warning and Electronic Support Measures Section, which provides the resources and expertise required to design, develop, and provide in-service engineering for electronic warfare airborne tactical warning systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to implement the design and development, upgrade, or redesign of radar warning systems. The position requires experience and expertise in warning systems hardware and software, RF technology, threat analysis and technique development, and electronic warfare suites. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare radar warning systems, hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 454-008-GW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Surveillance Systems Branch, Code 454210D—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Dan Moretti, (805) 989-3505. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Product Support Section, which provides the resources and expertise required to design, develop, test and provide in-service engineering for surveillance and electronic warfare (EW) airborne systems and subsystems for use in the EA-6B and other dedicated EW and surveillance airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to design, develop, test, and support surveillance and electronic warfare systems and suites. The position requires experience and expertise in EW and surveillance systems hardware and software, real-time software design and development, RF/EO/IR technology, modeling and simulation, and software support. **Quality-Ranking Factors:** (1) Knowledge of Electronic Warfare technologies, countermeasure, warning, and surveillance systems, modeling and simulation, surveillance and EW systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 454-005-PW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Warning Systems Branch, Code 454210D—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** William Collier, (619) 939-6657. **HRD Contact:** Pat Ward, (619) 939-1346. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Concept Development and Analysis Section, which provides the resources and expertise required to design and develop advanced electronic warfare airborne tactical systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to implement the design and development of advanced EW systems and suites, requiring expertise in EW

systems hardware and software, RF/EO/IR technology, and modeling and simulation. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare technologies, countermeasures and warning systems, modeling and simulation, EW systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 454-007-GW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Surveillance Systems Branch, Code 454510E—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Dan Moretti, (805) 989-3505. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Advanced Development Section, which provides the resources and expertise required to design, develop, and evaluate advanced surveillance and electronic warfare (EW) airborne systems, subsystems, and suites for use in the EA-6B and other dedicated surveillance and EW airborne platforms. The branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to design, develop, and evaluate advanced surveillance and electronic warfare systems and suites. The position requires experience and expertise in EW and surveillance systems hardware and software, RF/EO/IR technology, modeling and simulation, threat analysis, and countermeasures and surveillance techniques. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare technologies, countermeasures, warning, and surveillance systems, modeling and simulation, surveillance and EW systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 454-009-PW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, EW Suite Integration Branch, Code 454120D—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Susan Hynds, (805) 989-4018. **HRD Contact:** Pat Ward, (619) 939-1346. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Radar Warning Systems (ASR) Section, which provides the resources and expertise required to design, develop, and provide in-service engineering for electronic warfare airborne tactical warning systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to implement the design and development, upgrade, or redesign of radar warning systems. The position requires experience and expertise in warning systems hardware and software, RF technology, threat analysis and technique development, and electronic warfare suites. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare radar warning systems, hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 454-008-GW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Surveillance Systems Branch, Code 454210D—Area of Consideration: Current appointable NAWCWPNS employees. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Dan Moretti, (805) 989-3505. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, Product Support Section, which provides the resources and expertise required to design, develop, test and provide in-service engineering for surveillance and electronic warfare (EW) airborne systems and subsystems for use in the EA-6B and other dedicated EW and surveillance airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first-level supervision for multi-disciplined scientists, engineers, and technicians; and (2) the personnel, processes, facilities, and equipment required to design, develop, test, and support surveillance and electronic warfare systems and suites. The position requires experience and expertise in EW and surveillance systems hardware and software, real-time software design and development, RF/EO/IR technology, modeling and simulation, and software support. **Quality-Ranking Factors:** (1) Knowledge of Electronic Warfare technologies, countermeasure, warning, and surveillance systems, modeling and simulation, surveillance and EW systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) ability to manage and supervise a diverse team of experienced technical professional personnel; (3) ability to deal with all levels of management; (4) knowledge of affirmative action principles, including willingness to implement EEO practices; (5) ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

missiles and associated countermeasures. These assignments will involve work in the specialization of electronic warfare, aerodynamics, structural design, and analysis and ballistic missile countermeasures. **Quality-Ranking Factors:** (1) Military Systems: Specifically military aircraft and externally mounted aircraft stores, such as pods or weapon systems; (2) Static/Dynamic Structural Analysis: Understanding of the engineering principles for structural analysis and familiarity with the computer-aided tools for analysis; (3) Aerodynamic Analysis: Understanding of the engineering principles for aerodynamic analysis and be familiar with the computer aided tools for analysis. (4) Flight Test Experience: Experience relating to flight line operations, missile test live firings and data analysis and reduction. (5). ability to meet the mandatory DAWIA requirements for training, experience, and education for level 3 of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering position. **Notes 4 and 5 apply.**

POINT MUGU/CURRENT APPOINTABLE NAWCWPNs EMPLOYEES

No. 850-020-SE7, (1) Firefighter, GS-081-07, Shore Station Management, Air Operations Department, Fire Division, Crash/Structural Branch, Code 8541000—Area of Consideration: Current appointable NAWCWPNs employees at Point Mugu. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Clyde Davis/Dave Winkler, 989-7034. **HRD Contact:** Susan Ellis, 989-3319. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as Crew Chief in charge of one piece of motorized firefighting apparatus. Exercises control over apparatus and personnel assigned or detailed to his/her fire crew. Responsible for the discipline and efficiency of the personnel assigned to his/her crew and the condition of fire apparatus, special equipment, and quarters. Oversees the routine maintenance, clean-up, and testing of equipment. Responsible for taking immediate action to correct any deficiencies noted on daily checks made on all equipment located in the fire station. Responsible for ordering and controlling supplies necessary to maintain the fire station and fire apparatus at the station. Responds to all alarms with assigned crew, as appropriate, during his/her tour of duty. Must be familiar with the physical conditions of roads, runways, buildings, and special hazards. Responsible for directing, reviewing, and training personnel under his/her control in fire and rescue procedures. **Quality-Ranking Factors:** Knowledge of firefighting tactics on both crash and structural fire operations.

NAWCWPNs

No. 41-001-RF7, Interdisciplinary (Supervisory Engineering Technician/Electronics Technician), DP-802/856-3, Code 413100D, Research and Engineering Competency, Systems Engineering Department, Platform Simulation and Integration Laboratory Engineering

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, TDU, 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 for 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 (ORF) 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

Applicants 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. PL 101-510 requires that all applications for DAWIA designated positions which are advertised be evaluated utilizing a quality ranking factor (ORF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA ORF 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 method with 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.

Division, Carrier Based Tactical Aircraft Laboratory Engineering Branch #1 (FA-18), China Lake, CA—Area of Consideration: NAWCWPNs. **Selecting Official:** K. Jutzi, (805) 989-4015. **HRD Contact:** Bob Fitzpatrick, (619) 939-8117. **Opening Date:** 3-20-97. **Closing Date:** 4-17-97. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will serve as the Head of Branch #1 of the Carrier Based Tactical Aircraft Laboratory Engineering competency, Code 413100D. Via a Task Assignment Agreement (TAA), he/she also functions as the Facilities Task Team Lead (TTL) for the FA-18 Weapon System Support Facility (WSSF). As the Branch Head, performs the full range of supervisory duties associated with personnel resource management and development. These include maintaining the proper mix of knowledge, skills, and abilities within the Branch to meet current and projected needs of customers; preparing Individual Development Plans (IDPs), training plans, and mentoring subordinates; providing special recognition for deserving employees; conducting performance planning, reviews, and assessments, including taking disciplinary action where warranted; ensuring equal opportunity in recruitment, project/task assignments, training, special recognition, and promotion; providing leadership to continually improve processes; implementing safety and security requirements; keeping abreast of Command policies and implementing regulations; and contributing to the management of change within NAWCWPNs and the Naval Air Systems TEAM. As the TTL, serves as a key member of the FA-18 Integrated Product Team (IPT) and leader of an interdisciplinary technical team tasked to design, develop, modernize, schedule, operate, and maintain laboratory capabilities associated with life cycle support of the FA-18 combat system; this includes all platform variants, foreign and domestic. Duties include regular interaction with the FA-18 IPT leadership and major Block Leads to keep abreast of program objectives, activities, and events that involve/impact the WSSF complex and to report status; near- and long-term planning and budgeting, which involves identifying, presenting, and defending resource requirements; regular interaction with laboratory user communities to assess their satisfaction with laboratory support and to anticipate/keep abreast of changing user requirements and expectations for weapons, sensors, avionics, and Operational Flight Program (OFF) laboratory integration and test capabilities; clarifying, prioritizing, coordinating, and overseeing the documentation of laboratory development and support requirements; translating requirements for laboratory development or update into implementation plans which include resource requirements; providing training to users on new laboratory capabilities or operational procedures; leading the laboratory technical team in maintaining required operational readiness levels for the laboratory complex consistent with cost and schedule agreements; ensuring that good configuration management practices are followed for all laboratory hardware and software components; and continuously applying new technologies and process improvements to reduce the cost of laboratory operations and sustaining support. Incumbent must be able to obtain and maintain a Top Secret clearance. The full performance level for the position is DP-4. **Quality-Ranking Factors:** (1) Knowledge of the combat aircraft weapons, sensors, avionics, and Operational Flight Program (OFF) development, integration and test business, and the role that platform level simulation, integration, and test laboratories play. (2) Knowledge of the FA-18 combat system, especially its aircrew

controls and displays; sensor, avionics, and armament suites (all variants); data bus structures; and OFF functionality. (3) Ability to lead and/or supervise a large multidisciplinary technical team (25 or more people). (4) Ability to identify, present, and defend resource requirements and effectively manage resources (physical, financial, human). (5) Ability to communicate effectively, both orally and in writing, with all levels of civilian and military personnel on routine, complex, and technical matters pertaining to the job. (6) Ability to apply EEO and affirmative action policy in making recruitment, project/task assignment, training, special recognition, and promotion decisions. (7) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research Development, and Engineering Career Field within 18 months of entering the position. **Notes 1, 2, 3 and 4 apply.**

No. 41-002-RF7, Interdisciplinary (Supervisory Electronics Engineer/Computer Engineer/General Engineer/Physicist/Computer Scientist), DP-855/854/801/1310/1550-3, Code 413100D, Research and Engineering Competency, Systems Engineering Department, Platform Simulation & Integration Laboratory Engineering Division, Carrier Based Tactical Aircraft Laboratory Engineering Branch #1 (FA-18), China Lake, CA—Area of Consideration: NAWCWPNs. **Selecting Official:** K. Jutzi, (805) 989-4015. **HRD Contact:** Bob Fitzpatrick, (619) 939-8117. **Opening Date:** 3-20-97. **Closing Date:** 4-17-97. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will serve as the Head of Branch #1 of the Carrier Based Tactical Aircraft Laboratory Engineering competency, Code 413100D. Via a Task Assignment Agreement (TAA), he/she also functions as the Facilities Task Team Lead (TTL) for the FA-18 Weapon System Support Facility (WSSF). As the Branch Head, performs the full range of supervisory duties associated with personnel resource management and development. These include maintaining the proper mix of knowledge, skills, and abilities within the Branch to meet current and projected needs of customers; preparing Individual Development Plans (IDPs), training plans, and mentoring subordinates; providing special recognition for deserving employees; conducting performance planning, reviews, and assessments, including taking disciplinary action where warranted; ensuring equal opportunity in recruitment, project/task assignments, training, special recognition, and promotion; providing leadership to continually improve processes; implementing safety and security requirements; keeping abreast of Command policies and implementing regulations; and contributing to the management of change within NAWCWPNs and the Naval Air Systems TEAM. As the TTL, serves as a key member of the FA-18 Integrated Product Team (IPT) and leader of an interdisciplinary technical team tasked to design, develop, modernize, schedule, operate, and maintain laboratory capabilities associated with life cycle support of the FA-18 combat system. This includes all platform variants, foreign and domestic. Duties include regular interaction with the FA-18 IPT leadership and major Block Leads to keep abreast of program objectives, activities, and events that involve/impact the WSSF complex and to report status; near- and long-term planning and budgeting, which involves identifying, presenting, and defending resource requirements; regular interaction with laboratory user communities to assess their satisfaction with laboratory support and to anticipate/keep abreast of changing user requirements and expectations for weapons, sensors, avionics, and Operational Flight Program (OFF) laboratory integration and test capabilities; clarifying, prioritizing, coordinating, and overseeing the documentation of laboratory development and support requirements; translating requirements for laboratory development or update into implementation plans which include resource requirements; providing training to users on new laboratory capabilities or operational procedures; leading the laboratory technical team in maintaining required operational readiness levels for the laboratory complex consistent with cost and schedule agreements; ensuring that good configuration management practices are followed for all laboratory hardware and software components; and continuously applying new technologies and process improvements to reduce the cost of laboratory operations and sustaining support. Incumbent must be able to obtain and maintain a Top Secret clearance. The full performance level for the position is DP-4. **Quality-Ranking Factors:** (1) Knowledge of the combat aircraft weapons, sensors, avionics, and Operational Flight Program (OFF) development, integration and test business, and the role that platform level simulation, integration, and test laboratories play. (2) Knowledge of the FA-18 combat system, especially its aircrew

controls and displays; sensor, avionics, and armament suites (all variants); data bus structures; and OFF functionality. (3) Ability to lead and/or supervise a large multi-disciplined technical team (25 or more people). (4) Ability to identify, present, and defend resource requirements and effectively manage resources (physical, financial, human). (5) Ability to communicate effectively, both orally and in writing, with all levels of civilian and military personnel on routine, complex, and technical matters pertaining to the job. (6) Ability to apply EEO and affirmative action policy in making recruitment project/task assignment, training, special recognition, and promotion decisions. (7) Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research Development, and Engineering Career Field within 18 months of entering the position. **Notes 1, 2, 3, and 4 apply.**

No. 472-007-GB7, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3, Code 471300D—Area of Consideration: NAWCWPNs. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Art Hickie, (619) 939-8517. **HRD Contact:** Kay Behrmann, (619) 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as system engineer for EO/IR systems, including existing and future missile systems and technology demonstration projects. EO/IR systems of interest incorporate varied sensors/detectors, optics, domes, platforms, and cryogenic systems. Provides expert input to program offices with respect to the systems of interest and monitors the efforts of contractors. Coordinates input of specialists regarding issues in support of project offices. Leads a team of specialists in conducting risk-reduction activities and plans and directs risk-reduction tasks. **Quality-Ranking Factors:** General knowledge of EO/IR systems; specialized knowledge of at least one area of EO/IR systems; ability to interface with project offices, center management sponsors, and contractor personnel; ability to meet the mandatory DAWIA requirements described below for Level III of the Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering the position. Promotion potential: DP-3. **Notes 1, 2, 3, and 4 apply.**

No. 76-001-NR7, Budget Analyst, DP-0560-3, Code 763100D—Area of Consideration: NAWCWPNs. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Elaine Wunderlich-Janson, (619) 939-3917 (DSN 437-3917). **HRD Contact:** Nancy Robinson, (619) 939-8106 (DSN 437-8106). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is in the Technical Financial Management Branch, Financial Management Division, located in the Comptroller/Financial Management Department. The incumbent is the Lead Financial Analyst, providing guidance

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.

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

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 electromagnetically environment engineering.

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

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

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

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 contract 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).

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.

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).

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 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 (NAWCWPNs 12410/2) to Marcy Acosta, Code 733000E. For further information, call 989-3992 (DSN 351-3992).

GROUNDING, BONDING, AND SHIELDING (UPDATED WITH NEW CONTENT) (16 hrs.)

1-2 April; Tuesday-Wednesday, 0800-1600; Training Center, China Lake. By: R&B Enterprises

This course will help the participant to understand the basic principles of grounding for safety, signal referencing, and EMI suppression and protection. Discussion includes design of structures, systems, and various equipment, review of parts and materials necessary for achieving adequate grounding systems, and shielding applicable to both commercial and military systems and/or equipment.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNs 12410/2) to Sue Murray, Code 733000D. For further information, call (619) 939-2349 (DSN 437-2349) or Lily Horton at (805) 989-3987 (DSN 351-3987).

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).

CREATIVE THINKING AND PROBLEM SOLVING (16 hrs.)

2-3 April; Wednesday-Thursday, 0800-1600; Training Center, Point Mugu. By: Teri Mahaney

12-13 May; Monday-Tuesday, 0800-1600; Training Center, China Lake. By: Dr. Suzanne Hard

Note: This course meets SEDP curriculum requirements.

Students will learn the current theories of how the brain "thinks" and experience their unique "thinking" style. They will learn and practice several creative problem-solving exercises to stimulate the thinking process and develop usable skills in everyday working and living.

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).

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

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).

BASIC NAVAL WRITING (8 hrs.)

8 April; Tuesday, 0800-1600; Training Center, China Lake. 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: 3 April

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

MENTORING FOR PERFORMANCE (8 hrs.)

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

NETWORK MANAGEMENT (32 hrs.)

14-17 April; Monday-Thursday, 0800-1600; Training Center, Bldg. 366, Room 101A/B, Point Mugu. By: Technology Exchange Company

Course Level: Intermediate

Prerequisite: An understanding of basic network concepts such as OSI, model and network topologies is required.

This course provides you with a working understanding of state-of-the-art network management technologies. Upon completion of this course, you will be able to design, select, evaluate, and implement network management systems. You will gain detailed knowledge of the Internet SNMP management protocol; MIB, the OSI reference model, and emerging standards (CMIS, CMIP, the MIB, and GDMO); and network management platform technologies. Topics include network management problems, managed network environments, application layer environment, managing internet environments,

CSUN WRITING EXAM PLANNED

On 15 April a writing proficiency exam will be given to graduate students of California State University, Northridge (CSUN) at China Lake. The exam fee is \$20; checks should be made payable to CSUN. To take the exam, contact Cecil Webb at 939-0878 by 10 April.

HOME STUDY COURSE PACKETS AVAILABLE

The following home study course packets are now available at the China Lake and Point Mugu Learning Centers for individuals to check out: (1) complete packages on Microsoft Certified System Engineer with MCSE study guides, video series, audio cassettes, and MCSE test preparation software (Beach Font Quizzar); (2) TestOut Novets 4.1 CNE Certification with CNE-4 study guide, video series, audio series, assessment software, MicroHouse technical library demo, Network support encyclopedia NSEPro, and NetWare 4.1 two-user Version CD-ROM; and (3) UNIX System for Users with videotapes, course book, skills analysis book, textbook, reference book, and course disk.

modeling network data, network management data, user interfaces and standards, research, and products.

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

INVESTING IN THRIFT SAVINGS PLAN (8 hrs.)

15 April; Tuesday, 0800-1600; Training Center, China Lake. By: Charla Green, Consultant

This 1-day course is for all federal employees who are eligible to participate in the Thrift Savings Plan. The information will be especially important to anyone who hopes to retire someday. Course participants will be able to: understand the operation of the TSP; recognize the importance of the TSP contributions; make appropriate decisions regarding fund allocations; determine how much, when, and where to save for retirement; learn more effective money management techniques; find relatively "painless" ways to save and invest; and develop the skills required to formulate a lifetime financial plan.

To enroll or obtain further information, call Pat Oliver at 939-2468 (DSN 437-2468).

MISSILE GUIDANCE AND CONTROL (32 hrs.)

21-24 April; Monday-Thursday, 0800-1630; Training Center, China Lake. By: Evolving Technology

This course provides an overview of the design of tactical guided missiles with the emphasis on modern seeker technology. The course covers design considerations of the autopilots, missile guidance equations, and seeker and track loops, as well as the missile development process. The course addresses the application of modern control systems theory to the problem of accurately controlling and guiding a missile to its target. The course concludes with a presentation of the missile guidance system development process, which covers elements of how these systems come together, from their initial design to their first flight and test plans.

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).

DEVELOPER/2000 FOUNDATION (8 hrs.)

21 April; Monday, 0800-1600; Training Center, Point Mugu. 28 April; Monday, 0800-1600; Training Center, China Lake. By: Oracle Corp.

Intended Audience: Application developers, database administrators, designers/developers, and technical support professionals. **Prerequisites:** Introduction to Oracle: SQL and PL/SQL Using Procedure Builder, Doc. Code 10101.

This course will introduce participants to Developer/2000 technology and the core set of features common to each of the Developer/2000 components. Participants will learn to navigate through the Developer/2000 interface using features such as the Object Navigator and Virtual Graphics System (VGS), which includes the Layout Editor and Menu options. This course describes common elements of the virtual product, such as the PL/SQL Development Environment. Topics will include Identify Common Developer/2000 Components, Navigate Through Developer/2000 Main Menus and Design Facilities, Control Developer/2000 Graphical Features with the Layout Editor, Customize the Developer/2000 Working Environment, and Create PL/SQL Program Units as Part of the Developer/2000 Applications.

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

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 facilitations 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 (NAWCWPNS 12410/2) to Marcy Acosta, Code 733000E. For further information, call 989-3992 (DSN 351-3992).

SUPERVISING EMPLOYEE PERFORMANCE (8 hrs.)

5 May; Monday, 0800-1600; Training Center, China Lake. By: Lorna Riley

Learn how to motivate every employee in your organization to achieve his/her maximum potential. This course will show you how to increase productivity through proper feedback and effective reinforcement and build a work environment that encourages people to feel good about themselves while bringing out their best.

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

UNIX SYSTEMS ADMINISTRATION AND ADVANCED UNIX (40 hrs.)

5-9 May; Monday-Friday, 0800-1600; 760 Las Posas Road, Suite A-4, Camarillo, CA. By: Technical Research Associates

This course provides an introduction to UNIX system administration functions and advanced UNIX features, such as system daemons, and the window system. The course covers day-to-day system administration functions, such as setting up and maintaining user accounts, configuration and running of common UNIX services (daemons), providing user accounts, providing and controlling internet services (ftp, web services, telnet), the UNIX file system, and updating the installation system software. Hands-on system administration and daemon configuration exercises on a running UNIX system are provided. The course will contain, but is not limited to, the following topics: Basic System Administration Responsibilities, X Windows, System Programming Utilities, Administration of System Services (daemons), and Internet Services (daemons). The student is expected to complete a number of hands-on exercises in class that reemphasize the class topics.

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

TECHNICAL WRITING (32 hrs.)

6-9 May; Tuesday-Friday, 0800-1600; Training Center, China Lake. By: Communications Skills Company, Inc.

Note: This course is designed for technical personnel in general and is required for personnel entering the SEDP in FY96 and Junior Professional Program personnel hired in FY97. This course will be offered at Point Mugu in September.

This seminar will provide students with the skills and confidence to prepare technical writing. Through examples and exercises taken from actual writing-situations that Navy engineers face, participants learn techniques for analyzing, interpreting, and translating data to produce clear, readable letters and reports.

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).

MATERIALS CERAMICS (8 hrs.)

(Note: date change)

8 May; Tuesday, 0800-1600; Training Center, China Lake. 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 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).

EFFECTIVE TECHNICAL PRESENTATIONS/BRIEFINGS (32 hrs.)

12-15 May; Monday-Thursday, 0800-1600; Training Center, China Lake. By: Communications Skills Company, Inc.

Note: This course is designed for technical personnel in general and is required for personnel entering the SEDP in FY96 and Junior Professional Program personnel hired in FY97. This course will be offered at Point Mugu in September.

This course is designed to prepare the participants to meet the special demands of the formal professional presentation or briefing during which a presenter, usually in a large conference room or auditorium setting, addresses a group of fellow professionals to give them detailed information about a problem, proposal, plan, or research project. 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).

DIGITAL DESIGN TECHNIQUES (32 hrs.)

12-15 May; Monday-Thursday, 0800-1600; Training Center, China Lake. By: Quintech Corp. (Byron Edde)

Prerequisites: Participants should have sufficient technical background to understand the material presented. This background is normally possessed by technicians and technical trainees.

This course is intended for electronic technical and trainees

CSUB SPRING COURSES

The following courses are being offered this spring for the California State University, Bakersfield (CSUB) bachelor's degree program in business administration and master's degree program in administration. To obtain course descriptions, tuition support/cost information, and registration forms for these courses, call Cecil Webb at 939-0878. Classes will be held at the Training Center, 1610 to 2110, on the days indicated. Each course is 5 quarter units.

Core Courses

MGMT302: Introduction to Operations Management, Mondays, 7 April-9 June (26 May class will meet on 27 May)

PSYCH602: Seminar in Organizational Psychology, Thursdays, 3 April-5 June

Elective Course

ADM577: Special Topic: Managerial Skills, Wednesdays, 2 April-11 June

To obtain further information, contact Cecil Webb at 939-0878.

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

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 at 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 (SEMMP) 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
Creating and Sustaining the High-Performance Organization	10-15 August	6 June 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

needing instruction in the fundamentals of digital electronics. It is designed to both prepare them for immediate work on digital systems and to prepare them for system training on specific systems. This teaches course participants the capabilities, functions, and operations of digital circuits and systems as applied to digital systems. The skills taught will prepare participants to operationally diagnose and repair these systems. Topics include, but are not limited to, introduction to digital systems and digital mathematics; number systems; logic operations and functions—combinatorial, logic circuits, and building blocks; using common logic families as examples; MIL-STD-806C symbology and logical diagrams, boolean algebra and logic reduction; combinational and sequential logic; commonly used digital logic families; computer arithmetic, computer logic, and arithmetic functions (the ALU); microprocessors and support chip sets; special considerations for digital circuits; and troubleshooting digital circuits.

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

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/daud/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 (NAWCWPNS 12410/2) to Helen Casteel, Code 733000E. For further information, call 989-3003 (DSN 351-3003).

LEADING TEAMS (8 hrs.)

19 May; Monday, 0800-1600; Training Center, China Lake. By: Dawn Hodson

Prerequisite: Participants must be team leaders.

This course is designed to teach team leaders how to turn their teams into high-performing groups. Because the level of team performance is directly related to how well the leader develops and powers the group, team leaders need to have a framework for understanding their role and how that role changes over time.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Ron Rodgers, Code 733000E. For further information, call 989-3997 (DSN 351-3997).

LAN DESIGN (DATA NETWORK DESIGN AND PERFORMANCE OPTIMIZATION (32 hrs.))

19-22 May; Monday-Thursday, 0800-1600; China Lake Training Center. By: Learning Tree International

Course Level: Advanced

Intended Audience: Network architects, designers, and managers, or anyone involved in providing network services to their organization.

This course will provide you with the knowledge of variables you must consider during the network design or performance optimization process. This course will provide the participants with sufficient background to identify end-to-end traffic flow requirements and choose the appropriate technology as necessary. Each Lan and Wan technology option will be explained in terms of its bandwidth and delay properties and specific techniques to optimize each technology. This course explains the performance characteristics of both LAN and WAN technologies that are available, but does not cover their detailed operation. This advanced course provides the skills you need to design new, scalable networks or optimize existing networks. Workshops focus on avoiding unscheduled down time, maximizing performance, and planning for future growth. Topics include the network design process, selecting the appropriate network layout, choosing the appropriate LAN and WAN components, creating a cost-effective design, planning network layer addressing the routing, strategies for fault tolerance, and ongoing operations and management of your network.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (619) 939-2349 (DSN 437-2349) or Lily Horton at (805) 989-3987 (DSN 351-3987).

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

2-6 June; 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 Felicia Nickelberry, Code 733000E. For further information, call 989-3980 (DSN 351-3980).

ADMINISTRATIVE POLICIES AND PROCEDURES (32 hrs.)

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

MOTIVATING EMPLOYEES (8 hrs.)

3 June; Tuesday, 0800-1600; Training Center, Point Mugu.

10 June; Tuesday, 0800-1600; Training Center, China Lake.

By: Marian Lapan, M.A.

This seminar is geared to assist managers and supervisors in the ability to keep employees motivated in a downsizing workforce. Information on motivational theory will be presented, along with practical on-the-job techniques to sharpen supervisors' skills in this area. Demotivators that stifle employee productivity and brainstorming ways to rid the workplace of them will be discussed, as well as ways to identify internal motivators and external rewards that keep employees more involved, enthusiastic, and productive.

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).

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

DIGITAL SYSTEMS TROUBLESHOOTING (32 hrs.)

23-26 June; Monday-Thursday, 0800-1600; Training Center, Bldg. 366, Room 100A, Point Mugu. By: Evolving Technology Institute (David Lynch)

Prerequisite: Completion of basic courses in digital electronics or the equivalent work experience.

Intended Audience: Electronic technicians who are required to repair and maintain modern Navy electronic weapons systems.

Troubleshooting modern naval electronic equipment often appears to be a highly complex task. This course lays the foundation for technicians to first understand the basics of digital systems; and second, how to approach and accurately troubleshoot any digital electronics systems, from the simplest to the most complex. The procedures developed in the course will not only correct systems defects, but the methodical approach developed will save time and, hence, cost in electronic maintenance. The techniques presented during the course are reinforced during the hands-on workshops, in which the student will learn to isolate and replace defective components and verify systems operation. Topics include introduction to digital techniques, lab/workshop; review of troubleshooting and repair tools, lab/workshop; sequential logic circuits, lab/workshop; input/output circuits, system lab/workshop; and system-level analysis and troubleshooting, lab/workshop.

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

PERSONAL SOFTWARE PROCESS (PSP) (112 hrs.)**4 Sessions**

15-17 July, 28-31 July, 18-21 August Mugu, 2-4 September; 0800-1600; Training Center, Room Point Mugu. By: Jeff Schwalb

The Personal Software Process (PSP) is a disciplined, process-oriented approach to software engineering. Its purpose is to help engineers improve their performance by applying to their work the software engineering, quality management, and process management concepts in the Capability Maturity Model (CMM) for software. They learn to use the PSP framework to manage their own processes—improving their productivity, schedule performance, and the quality of the products they produce. This course provides a step-by-step framework that demonstrates the methods of disciplined software engineering. Participants learn how effective the methods can be by using their own data. The course covers the PSP as described in "A Discipline for Software Engineering," by Watts Humphrey. The PSP is a scaled-down version of industrial software processes based on quality management principles and is designed to be used by an individual software engineer.

Prerequisites: You must know a programming language (do not use this course as an opportunity to learn a new language). You must also have a development environment available (a portable computer is recommended) that includes a compiler plus Microsoft Word and Excel.

Cost: Tuition fee is \$150 and includes the cost of the textbook and materials provided throughout the introductory and advanced portions of the class. Include a job order number on the training request to cover this fee.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Renee Riga, Code 4F0000D, (619) 939-7092 (DSN 437-7092). For further information on course content and outline, call Jeff Schwalb at (619) 939-6226 (DSN 437-6226).

CIVILIAN PERSONNEL DIVISION NEWS**CHINA LAKE**

No. 45-007-PW7, Senior Office Manager, DG-303-3, Avionics Department, Avionics Systems Engineering Division, Code 451000D—Area of Consideration: China Lake. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Ken Bailey, 927-1839. **HRD Contact:** Becky Reed, 939-2032. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent will function as the Senior Office Manager in support of the Avionics Systems Engineering Division, the Tactical Aircraft Avionics Systems Branch, and the NAWCWPNs BRAC Office and will assist the executive office manager in support of the Avionics Department. Primary duties will be to assist the Division head and Branch head in preparation of reports and briefings, coordinate meeting arrangements for off-Center visitors, coordinate travel arrangements (foreign as well as CONUS), prepare timecards, and prepare correspondence. **Selection Factor:** Ability to plan, schedule, evaluate, and coordinate a program (e.g., Vision 21, BRAC) with those within and outside the immediate organization to include HQ activities (e.g., NAVAIR) and other Department of Defense agencies. **Quality-Ranking Factors:** (1) Ability to plan, schedule, evaluate and coordinate administrative functions; (2) knowledge of facilities management; (3) knowledge of travel and payroll requirements. The full performance level of this position is DG-3. **Note:** Applicants who do not meet the above selection factors are ineligible for further consideration.

No. 471-004-GB7, Senior Office Manager, DG-303-3, Code 471300D—Area of Consideration: China Lake. **Opening Date:** 3-20-97. **Closing Date:** 3-27-97. **Selecting Official:** Bob Page, 939-8294. **HRD Contact:** Kay Behrmann, 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent serves as a Senior Office Manager for the Weapons Software Engineering Branch, directly supporting Branch management and employees. Responsibilities include receiving calls and visitors; coordinating official visits; composing correspondence for supervisor's signature; reviewing correspondence for format, grammar, and content; preparing travel orders and vouchers; electronically maintaining timesheets; assisting in the plant account process; and completing computer accreditation (Group Risk Analysis Support Program (GRASP)). The position requires a willingness to be mobile because the branch is dispersed geographically on Center. **Quality-Ranking Factors:** Knowledge of Macintosh Computers and required software to include Excel, PowerPoint, Word, and Filemaker Pro; ability to plan and coordinate travel arrangements; knowledge of DOD and NAWCWPNs correspondence and secretarial policies and procedures; ability to plan and coordinate tasks; and knowledge of ADP security requirement and property management regulations and procedures; and knowledge of GRASP program. Secret clearance is required. Full performance level: DG-3.

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No. 471-005-GB7, Senior Office Manager, DG-303-3, Code 471300D—Area of Consideration: China Lake. **Opening Date:** 3-20-97. **Closing Date:** 3-27-97. **Selecting Official:** Bob Page, 939-8294. **HRD Contact:** Kay Behrmann, 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent serves as a Senior Office Manager for the Weapons Software Engineering Branch, directly supporting Branch management and employees. Responsibilities include receiving calls and visitors; coordinating official visits; maintaining correspondence; assisting in coordination of Branch presentation materials; reviewing Branch correspondence for format, grammar, and content; preparing Branch travel orders and vouchers; electronically maintaining Branch timesheets and personnel training database; providing general personnel support and resource assistance; coordinating other secretarial support as required; and delegating critical workload to other staff personnel. **Quality-Ranking Factors:** Knowledge of Macintosh computers and required software to include Excel, PowerPoint, Word, and Filemaker Pro; ability to plan, coordinate, and prioritize tasks; knowledge of DOD and NAWCWPNs correspondence and secretarial policies and procedures; and knowledge of personnel practices and procedures. Secret clearance is required. Full performance level: DG-3.

No. 4J-005-RF, Computer Scientist, DP-1550-1/2, Research and Engineering Concepts Analysis, Evaluation and Planning Department, Modeling and Simulation Division, Simulation Branch, Code 4J2100D—Area of Consideration: China Lake. **Opening Date:** 3-20-97. **Closing Date:** 3-27-97. **Selecting Official:** Gordon Kollman, 927-1230. **HRD Contact:** Kay Behrmann, 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will participate in the Junior Professional program and may be required to tour. Incumbent will assist senior software engineers in developing computer models and representations of physical phenomena including missile fuyot, radar propagation, C4I networks, missile guidance logic, and pilot logic. Assists in any or all aspects of the software development cycle, such as requirements definition, analysis, design, code, test, configuration management, quality assurance, verification, validation, and accreditation. **Selection Factor:** Date of applicable degree must be no greater than 24 months prior to his/her appointment to this position. Transcript of grades and proof of degree is required and must be submitted with application. **Evaluation Method:** Applicants will be evaluated on the following factors: type of degree (e.g., bachelor's, master's, etc.), relevancy of degree(s) field(s) to position, grade point average, and professional and technical experience and its relationship to the position. Incumbent will be required to obtain and maintain a Top Secret security clearance. Promotion potential: DP-3. **Notes 1, 3, and 4 apply.**

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No. 454-006-GW7, (1) Interdisciplinary (Supervisory Electronics Engineer/Supervisory Physicist/Supervisory Mathematician/Supervisory Computer Scientist), DP-855/1310/1520/1550-3, Avionics Department, EW Division, Countermeasures Systems Branch, Code 454310E—Area of Consideration: Point Mugu. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Harry Banks, (805) 989-3400. **HRD Contact:** Gina Weatherford, (805) 989-3301. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head, On-Board Systems Section, which provides the resources and expertise required to design, develop, and provide in-service engineering for Electronic Warfare airborne tactical countermeasures systems and subsystems for use in airborne platforms. This branch is responsible for both hardware and software engineering. Duties of the position include providing (1) first level supervision for multi-disciplined scientists, engineers, and technicians, and (2) the personnel, processes, facilities, and equipment recruited to implement the design and development, upgrade, or redesign of countermeasures systems. The position requires experience and expertise in deceptive electronic countermeasures systems hardware and software, RF technology, threat analysis and countermeasures technique development, and Electronic Warfare suites. **Quality-Ranking Factors:** (1) Knowledge of electronic warfare countermeasures systems hardware and software, airborne platforms, interface and integration of avionics systems/subsystems, and associated technology and techniques; (2) Ability to manage and supervise a diverse team of experienced technical professional personnel; (3) Ability to deal with all levels of management; (4) Knowledge of affirmative action principles, including a willingness to implement EEO practices; (5) Ability to meet DAWIA mandatory training, experience, and education requirements for Level III Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4 but not guaranteed. **Notes 1, 2, and 4 apply.**

No. 53-04-PDS-97, (1) Aerospace Engineer, DP-861-3, Threat/Target Systems Department, Airborne Threat Simulation Division, Aero/Mechanical Branch, Code 534200E—Area of Consideration: Point Mugu. **Opening Date:** 3-20-97. **Closing Date:** 4-3-97. **Selecting Official:** Tom Dowd, 989-5446. **HRD Contact:** Pam Stafford, 989-3308. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Assignments will involve duties in primarily three areas: (1) coordination and execution of all engineering elements required for the flight clearance of external stores on military aircraft; (2) hardware design, production, and integration for racks and pods on various platforms; (3) analysis of ballistic dynamics of theater ballistic