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HARD AT WORK—A team from the Advanced Weapons Laboratory prepares the F2 for its first test mission immediately after the welcoming ceremony. Photo by Mike Johnson, TID

F/A-18F2 flies first test mission after ceremony

By Kathi Ramont
 Associate Editor

After a special welcoming ceremony attended by visitors, media and Naval Air Warfare Center Weapons Division management and employees, the F/A-18 E/F Super Hornet pilot and crew went to work on Monday, April 6, as the two-seat F2 made its first test flight over Weapons Division's China Lake land ranges.

The F/A-18E/F is part of the Defense Department's overall tactical aircraft modernization plan and is the centerpiece of the Navy's modernization of its carrier air wings. A three-year flight test program began at the Naval Air Warfare Center Patuxent River in January 1996, and now work on the Super Hornet will continue to be done at China Lake by a military/civilian/contractor team that will integrate the mission systems and get the aircraft ready for the fleet. The first planes are now in low-rate initial production (LRIP) at the Boeing Company in St. Louis and at Northrop Grumman facilities in El Segundo, Calif. The Super Hornet is expected to enter the fleet in 2001, with production continuing through 2015.

The Boeing Company leads a nationwide industry team that builds the Super Hornet. Boeing builds the forward fuselage and wings and conducts final assembly. Northrop Grumman Corp. is the principal airframe subcontractor, supplying the center and aft fuselage. General Electric Co. produces the F414 engines, and Raytheon provides the APG-73 radar.

The welcoming ceremony included remarks by Darrell Maxwell, the F/A-18 integrated product team lead. "Today is historic," he said. "It is a new beginning and a leap forward into the future of naval aviation. At the Advanced Weapons Laboratory, we have performed the systems engineering for weapons and mission systems on every Hornet since the beginning of A1."

NAWCWPNS Executive Director Sterling Haaland welcomed the F2 team to the Weapons Division. "We're (WD) excited to be a part of the future," he said. "On Saturday we received word from SecDef that the wing drop problem was solved and we've got the go ahead for the \$2 billion purchase of 20 more Super Hornets. The Weapons Division has a rich history of products and we're looking forward to adding the F/A-18E/F program to this list of successful products."

"The Navy philosophy is a balanced approach to survivability," said Charles Allen, program manager of the F/A-18E/F. Please see **F2**, Page 6

NAWCWPNS pursues strategies for the future

Strategic thrusts spell new directions for WD

Strategic planning retreat defines new vision

By Cliff Lawson
 TID

If a single feature has characterized the first six years of the Weapons Division's existence, it has been change. Major, fast-paced, unrelenting change.

Close on the heels of the initial consolidation that formed the Division in 1992 came the first BRAC studies. Soon thereafter, CAO radically altered the way NAVAIR conducts business. Federal acquisition-reform legislation in 1994 and 1996 redefined the traditional roles of private industry and government laboratories. Then there was reduction in force in 1996, and a series of VSIP/VERAs that have moved civilian personnel levels from 9,310 in 1992 to 6,509 at the beginning of 1998.

And there is no reason to assume that the pace of change will slow. To the contrary, Radm. Rand Fisher, NAWCWPNS commander, advises that "Everybody should get ready for an environment that has much more change per unit of time. The gradient of change is going to get steeper."

What does all this change spell for NAWCWPNS? Certainly turmoil, as we resize and reshape the work force. But also opportunity.

This fiscal year, NAWCWPNS has launched seven strategic thrusts that, as they are implemented, have the potential to expand the NAWCWPNS share of the DoD customer base. At the same time these thrusts will provide a focus for renewal and expansion at NAWCWPNS.

The strategic thrusts grew out of a Please see **THRUSTS**, Page 16

By Steve Boster
 Public Affairs Officer

Solutions! Teamwork! Learning! Those three words are the focus of a newly defined vision statement for the Naval Air Warfare Center Weapons Division.

Honor. Courage. Commitment. Those three words are the Navy's core values and the Weapons Division attaches further value statements of:

- Integrity
- Teamwork
- Excellence
- Personal growth
- Creativity
- Disciplined work ethic

The vision and values, along with a new mission statement are parts of a new strategic plan steering the Weapons

Division toward the 21st century and the changes needed to remain a vital part of the Department of Defense.

At the top of the mission statement is the overarching principal that, "The Naval Air Warfare Center Weapons Division provides our forces with effective and affordable integrated warfare systems and life cycle support to ensure battlespace dominance."

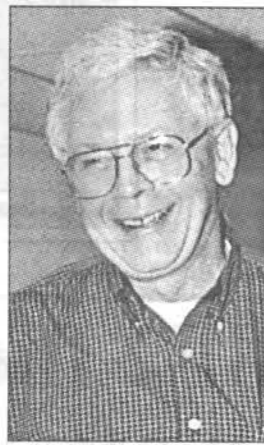
The Division Resource Management Board (DRMB), with key support staff participating, spent three intense days hammering out agreement on the future direction of the Weapons Division.

"The products we came out with exceeded my expectations — and my expectations were very high," said Radm. Rand Fisher, Weapons Division commander. "We have developed a solid

Please see **PLANNING**, Page 7

Weather

		April 1 - 7		April 2 - 14	
	High	Low	Gusts	Humidity	
Wed	52	36	23	89-39%	
Thurs	64	30	18	92-25%	
Fri	61	43	32	82-37%	
Sat	63	34	28	67-23%	
Sun	62	39	18	82-24%	
Mon	61	43	35	55-26%	
Tues	63	34	16	72-19%	
Wed	68	33	20	82-14%	
Thurs	73	34	19	85-21%	
Fri	76	38	30	70-11%	
Sat	66	41	30	62-33%	
Sun	65	45	28	57-22%	
Mon	61	40	39	46-27%	
Tues	60	39	35	52-20%	



Mr. Sunshine
(See Page 13)

China Lake Calendar

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

- Thursday, April 16**
 - Retiree Appreciation Day, 2:30 p.m., Michelson Lab
- Tuesday, April 21**
 - Satellite Town Meeting, 5-6 p.m., Training Center. Call 939-8120 for more information.
- Thursday, April 23**
 - Technical Library Open House, 10 a.m. and 1:30 p.m.
- Monday, April 27**
 - Michelson, Thompson, McLean awards presentations, 11 a.m., Wreck Center
- Friday, May 1, and Saturday, May 2**
 - Case lot sale at commissary, 10 a.m. to 5 p.m.

THE ROCKETEER

RAdm. Rand H. Fisher
NAWCWPNS Commander

Capt. Stanley W. Douglass
NAWS Commanding Officer

Steven F. Boster
Public Affairs Officer

Barry McDonald
Editor

Kathi Ramont
Associate Editor

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

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNNS, 1 Administration Circle, China Lake, CA 93555-6100; or they may be transmitted by QuickMail to Barry McDonald. (Select CL_HQ zone, NAWSSTAFF_MC mailcenter.) Fax information to 760-939-2796, or call 760-939-3354; DSN 437-2796 and 437-3354, respectively. 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 Joy Adams at Code 750000D, to her QuickMail address, or she may be reached at 939-3511. The Info Line e-mail address is http://peewee.chinalake.navy.mil/~paoinfoline.html.
Advertising is the sole responsibility of High Desert Newspapers, Inc., 224 East Ridgecrest Blvd., Ridgecrest, CA 93555, 760-375-4481.



HAP packages moved to Room 114

Since the closing of Room 100 in the Human Resources Department on April 6, Homeowners Assistance Program (HAP) application packages are available in Room 114. If you have questions about the HAP program, please refer to the HRD website at <http://hrdmugu.mugu.navy.mil/hrd/hap/HAP.HTM>. This site can also be accessed from the HRD homepage. It is only accessible from computers on-station.

Employees who have been directed by the Army Corps of Engineers to provide a key for inspection of their homes prior to government purchase should take their keys to Room 235 of the HRD building. Since this is an individual office and not staffed continuously, applicants should call 939-2478 to make an appointment to drop off keys.

Please do not leave keys in this office unless there is someone there to accept responsibility for them and complete the necessary paperwork.

F/A-18 OAG debrief set for April 21

An F/A-18 Operational Advisory Group (OAG) debrief will be held on April 21, starting at 1 p.m., in Room 20108 in Michelson Laboratory.

The debrief will be given by Maj. Martin Rollinger and will summarize the priority items covered at the recent OAG. All interested personnel are invited to attend.

This overview is intended to give technical personnel insight into the problems and priority areas of concern by the fleet in the F/A-18 program.

Seating is limited, so interested personnel are encouraged to contact Elaine Jahns or Marci Burnett via e-mail with their names and phone numbers to reserve a space.

Any questions should be directed to Terry Mangrum at 939-8955 or Cdr. John Kindred at 939-1472 or by QuickMail.

NWTS symposium runs May 6 to 8

Employees from NAWS and NAWCWPNNS are invited to view symposium displays at the second annual Naval Weapons Test Squadron Developmental Weapons Symposium May 6-8.

The displays will be located in Hangar 3 at the China Lake airfield.

Exhibit hours are Wednesday, May 6, from 1 to 4 p.m.; Thursday, May 7, 7 a.m. to 1 p.m.; and Friday, May 8, from 7 a.m. to 4 p.m.

TEAM Annual Report at the PAO

Copies of the Naval Aviation Systems Team 1997 Annual Report are now available from the Public Affairs Office.

Please call 927-3788 or QuickMail to Steve Boster, PAO, to request copies.

Job fair May 12 at 610 Blandy Ave.

A job fair will be held at the NAWS Family Service Center, at 610 Blandy Avenue, on Tuesday, May 12, from 10 a.m. to 3 p.m.

Representatives from Lockheed Martin, Tracor Flight Systems, Chromalloy Nevada, General Dynamics, Schneider National Carriers, C.R. Briggs, Day Zimmerman, temporary agencies, the Morale, Welfare and Recreation Division, federal employment and law enforcement agencies will be on hand to talk to prospective employees.

Bring your resume and be prepared to be interviewed. For more information call 939-0966 or 927-1545.

URL corrections

Eligibility Reform Page

The URL for the Eligibility Reform Page listed in the article about Veterans Affairs changes in health care eligibility (Page 3, April 2, 1998) appeared as <http://www.va.gov.health.elig>. The correct URL is <http://www.va.gov/health/elig>.

Advanced Weapons Laboratory

The web site for the F/A-18 Advanced Weapons Laboratory was listed as <http://www.nawcwps.navy.mil/~fa18wssa> (Page 1, April 2, 1998). It should have read <http://www.nawcwps.navy.mil/~fa18wssa>.

Pages From The Past

April 8 & 15, 1988

F/A-18 Hornet featured in April 16 air show at China Lake. . . . Crill Maples, former head of Test and Evaluation Division, receives a Navy Superior Civilian Service Award. . . . Mickey Strang, retiring editor of *The Rocketeer*, receives the Navy Meritorious Civilian Service Award. . . . Steve Boster takes over as editor of *The Rocketeer*.

April 7 & 14, 1978

Thomas L. Boggs receives Arthur S. Flemming Award for work in field of solid and liquid propellant combustion. . . . Vernon Ender, wood worker, receives a 40-year pin. . . . Clarence Renne, head of the Engineering Division, receives a Sustained Superior Performance Award. . . . Naomi Amos, supervisor for one of the Center's word processor centers, and Ruel Cameron, management analyst, are spotlighted employees. . . . Richard V. Boyd receives a Sustained Superior Performance Award.

April 12 & 19, 1968

TV Booster Fund Drive kicks off with good start. . . . Fred K. Bickford, electronics engineer, receives an Achievement Award. . . . Dr. Peter Yates of the University of Toronto to speak at American Chemical Society meeting. . . . Dr. Charles Lauritsen died April 13.

April 11 & 18, 1958

Dr. John H. Shenk, head of the Research Department, leaves for position as director of Material Sciences Division, Office of Naval Research. . . . President Dwight Eisenhower views NOTS test film of large-scale underwater test program carried out at San Clemente Island. . . . Capt. W.W. Holister and Dr. William B. McLean are nominated for two top Navy League awards.

April 14 & 21, 1948

Chemical Society members hear Harvard University speaker talk on Silicone Chemistry. . . . China Lake Museum of Natural History to participate in local census of night-flying migrating birds. . . . Station wins a Meritorious Award for Achievement in safety. . . . Dr. Frederick Pribus and Dr. Drummond share working space at the Station's Dispensary.

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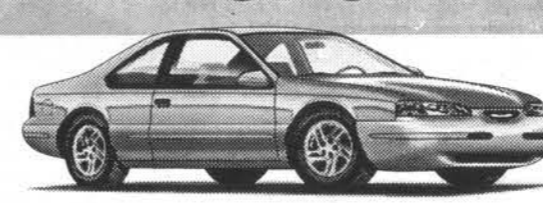
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Kelley Blue Book \$29,815 **No Bull Price \$21,996**

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COMMUNITY EVENTS

Maturango Museum is holding a spring wildflower show in the museum gallery Friday through Sunday, April 17-19, 10 a.m. to 5 p.m. Teams of volunteers equipped with plant collecting permits will have gathered specimens throughout the valley and nearby mountain slopes and canyons. All displays will be labeled and grouped in their plant families in phylogenetic order.

#####

Kern County's Sheriff Mounted Search and Rescue Unit will be holding a certification for prospective new members and their horses on April 19, at 11 a.m. at the Valley Rider's Arena in Ridgecrest.

New members are needed from all areas. Horse certification includes such tasks as standing quietly while tied, rider opening and closing a gate while mounted, horse walking over a plastic tarp, horse dragging a weight, walking past emergency lights and siren, jumping over a two-foot obstacle, riding double, walking by balls, balloons and flags, and many other items. For information call Valerie Rogers at 375-2154.

#####

Low-cost pregnancy screening services are scheduled at the Health Department, 250 W. Ridgecrest Blvd. April 20, by appointment only from 8 to 10 a.m. There is a \$5 charge for each test and Medi-Cal is accepted at the Ridgecrest office. Call 375-5157 for an appointment.

#####

The Indian Wells Valley Concert Association will hold its final concert of the 1997-98 season on Thursday, April 23, at 7:30 p.m., at the NAWS Auditorium.

EDLOS — the "bad boys of a capella" — are four former opera singers, all trained in the classics, who sing their own distinctive arrangements of popular hit tunes from the 1930s to the 1960s, as well as their own original songs.

Unreserved seating is sold on a space-available basis, starting about 10 days before the concert. Single prices are \$12 general admission, or \$8 for full-time active duty military personnel and their dependents; over 65 and under age 21.

#####

Learn about "Using the Internet to

Improve Your Writing," with Judith Rogow at the next Ridge Writers meeting. Rogow, an internationally published writer on computer topics, will be speaking on Thursday, April 23, 7-9 p.m. at the Maturango Museum. Call 375-6046 for further information.

#####

The China Lake/Ridgecrest Chapter of the National Contracts Management Association (NCMA) presents guest speaker Charles E. Rumbaugh, attorney at law, Friday, April 24, at 11:15 a.m., at Farris' at the Heritage. He is a commercial and government contracting consultant, legal advisor and alternative dispute resolution neutral, experienced in commercial/government contract law as well as international business transactions.

His topic is "The Nuts and Bolts of the New FAR Part 15, What's New or a Concern." Cost is \$9 for NCMA members; \$10, non-members and \$7, associate members. For reservations contact Jean Ann Shull 939-3801.

#####

The Alcoholics Anonymous community of Ridgecrest will hold its 11th annual Round-Up April 24, 25 and 26 at the Desert Empire Fairgrounds.

Write to I.W.V. Round-Up, P.O. Box 421, Ridgecrest, CA 93555 for a registration form. Registration fee is \$10 in advance and \$12 at the door. Additional fees are charged for special events.

Registration starts at noon, Friday, April 24, at Mesquite Hall. An early bird

meeting starts at 4 p.m. and the kick-off meeting is at 8 p.m.

While most of the participants are members of A.A. and Al-Anon, attendees also include members of other 12-Step recovery groups. The general public is encouraged to attend.

#####

"Barefoot in the Park" will be presented April 24, 25, 26, 30, May 1 and 2 by the Community Light Opera and Theatre Association at Farris' Fine Dining. Tickets are available for sale at City Books.

#####

The American Red Cross is hosting a health fair at the Antelope Valley facility, 2715 East Avenue P, Palmdale, April 26, from 7:45 a.m. to 3 p.m. Appointments can be made by calling 805-267-0650, 9 a.m. to 4 p.m.

#####

A hunter's safety class will be taught by Ridgecrest's Sierra Desert Gun Club on Saturday and Sunday, May 16 and 17. Registration will be in the front lobby of the Kerr McGee Community Center on May 2, from 9 a.m. to 1 p.m. and Tuesday, May 5, from 7 to 9 p.m. A \$5 registration fee will be collected at the time of registration. Call Cecil Daley at 375-3989 for more information.

#####

Call 800-500-KERN to hear recorded information from the Kern County Board of Trade on where to find wildflowers in Kern County.

News you can use

Housing Set-Aside Program benefits Sailor and landlord

By Kathi Ramont
Associate Editor

NAWS has come up with a program to help stop some of the stress for both military and Ridgecrest landlords concerning the elimination of base housing. "This is a real win-win opportunity," explained Jerry Morrison, from the Housing Office who is in charge of the new program. "It helps the Sailor and it helps the local economy."

This new program enables military personnel to rent off-base housing at a reduced rental rate, and not pay a deposit or application fee. It is an agreement between the military member, the commanding officer of the NAWS and the property owner and is called the Set-Aside Program. It has been briefed to military members and local realtors.

ATI Scott Curtis, newly arrived to the Naval Weapons Test Squadron, and his wife and three children are the first military family to move into a house under this program. Curtis reported to NWTS the last week of March. Several other landlords are currently negotiating with the housing office.

What is set-aside housing?

The Set-Aside Program is designed to provide military personnel, enlisted and officer, with off base affordable housing. The program is governed by an agreement between the property

manager/owner and the commanding officer of the Naval Air Weapons Station, China Lake.

This program was implemented to ease the transition of our military personnel and to help defray some of the cost incurred while moving. The service members are not charged a security deposit or application fee and receive a five percent reduction in rental cost. Credit checks are waived as applicants are approved based on expiration of obligated active service (EAOS), projected rotation date (PRD) and pay grade.

It permits communities to voluntarily set-aside one to four bedroom homes for military personnel. Properties that are offered for the Set-Aside Program are evaluated and qualified to meet the highest standards.

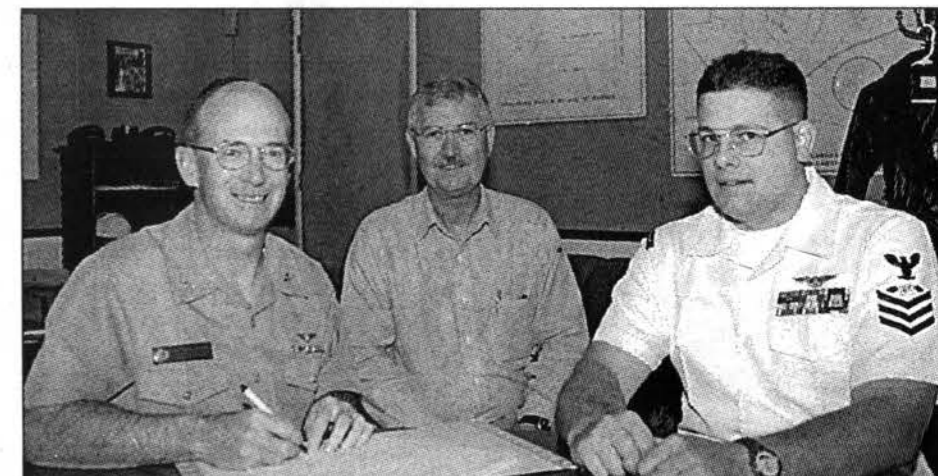
Who's eligible?

All military personnel (married and single) assigned to duty in the China Lake area.

How do I get approved for this program?

Military members should report to the housing office with their orders and LES and Page 2 for counseling. They must have a minimum of one year left on EAOS and PRD. When counseling has been completed, the military member will receive a letter of eligibility, which will be presented to the property manager authorizing participation in the Set-Aside Program.

MILITARY NEWS



SIGN ON THE DOTTED LINE—NAWS XO Capt. John Langford joined Jerry Morrison, from the Housing Office, and ATI Scott Curtis to sign the rental contract that made Curtis the first military member to take advantage of Housing's new Set Aside Program.

What kind of lease does the service member sign?

A 12-month lease. The service member may terminate the lease with military orders, discharge orders or retirement. An official copy of orders must be presented along with a 30-day written notice. If short term housing is needed, the service member is not eligible for the Set-Aside Program.

How is the rent paid?

The service member must initiate an allotment for disbursing the rent on a monthly basis to the landlord. This is mandatory if a service member chooses to participate in the Set-Aside Program. Rent is the service member's responsibility

and must be paid directly to the landlord by certified funds until the allotment becomes effective.

Does it affect my current lease?

It is up to the individual management companies to release a service member from a current lease to participate under this program. However, at the end of the original lease term, the service member can participate in the Set-Aside Program by signing a new 12-month lease. If the service member decides to participate in the Set-Aside Program, the property manager would refund the original security deposit within 30 days. Rent would

Please see **HOUSING**, Page 4

ROCKETEER CLASSIFIEDS

For information on placing a Rocketeer Classified Ad, call Jennifer at 375-4481.

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

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged (pre-paid), PER ISSUE, as follows:

1-20 Words.....\$2.00 Flat
Each additional word after 20 words.....10¢ each

CLASSIFICATIONS

PERSONALS.....1
LOST & FOUND.....5
HELP WANTED.....10
CHURCHES.....12
SERVICES/SCHOOLS.....15
RENTALS.....20
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 Ridgecrest Blvd.

1 PERSONALS

CASH FOR COUPONS. Up to \$200 or more weekly. Clipping coupons at home. Free recorded info. 1-888-438-4668 ext. 3.(TFN)

WOMEN WHO WANT TO 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-2, P.O. Box 512, Ridgecrest, 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-1, P.O. Box 512, Ridgecrest, CA 93556-0512 (TFN).

10 HELP WANTED

3D MODELER: Multigen or similar experience preferred. Full or part time. Contact Pat Hunt at Victory Interactive. (714) 851-5883, IRVINE, CA. EMAIL: path@victoryinteractive.com. (4/30)

15 SERVICES/SCHOOLS

FAMILY CHILDCARE. Navy certified. On base near Richmond Elementary. Meals and snacks provided in a loving home environment. FT/PT/Drop-ins. Please call Lynn at 499-6256. (TFN)

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)

TV-VCR REPAIR. 50 years experience. Work guaranteed. FREE ESTIMATE. 1425 N. Sierra View. 446-0916. (4/30)

20 RENTALS

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

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

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

Convenient to Base & Inyokern Airport. Quaint guest quarters furnished for your comfort. Low rates Daily, Weekly, Monthly. Allen's Mountain View Motel. 446-4810. (4/16)

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

\$350. GREAT NEIGHBORHOOD. 2 bedroom, near back gate, refrigerator, dishwasher, fenced yard, water paid. 446-4810 (4/16)

\$555 Cute 3 bedroom, 2 bath, garage, fenced yard, water paid, no pets. 446-4810 (4/16)

\$575 Charming 4 bedroom, 2 full baths, 1/2 acre, water paid, new carpet. No Pets. 446-4810. (4/16)

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

2 BEDROOM, 2 BATH, ceramic tile throughout, kitchen appliances washer & dryer hookups, water & trash paid, landscaped, 6'x40' x10' patio. \$450 month + \$300 security deposit. 375-4007. Ideal for 2 singles. (4/16)

25 REAL ESTATE

MOBILE HOMES for sale or rent in the nicest park in Ridgecrest. Close to base and shopping, rent \$400 and up plus utilities, sale \$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. (760) 378-3342. (TFN)

WANT TO RETIRE... Patio view of Lake Isabella, beautiful 2 bedroom, 2 bath double wide "Fleetwood" mobile - Fenced property - oversize garage, health forces sale \$65,000 Many extras - full carpet drapes, etc. (760) 378-3551 or 378-3146. (TFN)

COLLEGE HEIGHTS: 200 W. Cielo Ave., 4 bedroom, 2.5 baths, 2380 square feet, 3 years new, north corner lot, 3-car fully finished garage, block wall, front & rear landscaping, auto sprinklers, pool, magnificent views. 3% to agent, Must Sell. \$188,000. 384-1597. (6/11)

\$1,500 TO ASSUME AND MOVE INTO A BEAUTIFUL DEETER HOME. Drive by and see! 413 Peg St. Please call 446-9989 for a walk thru. (5/28)

35 AUTOMOTIVE

'83 OLDSMOBILE DIESEL, new transmission, good condition, runs good. \$1250. (760) 378-3342. (TFN)

65 DODGE STEP-VAN in good condition. \$1150. 375-5611 (TFN)

88 MAZDA RX-7 SE. Air conditioning, cruise, 5 speed, sun roof, low miles, excellent condition, \$5,000 OBO. (760) 375-7697. (TFN)

40 MISC. FOR SALE

31' DUTCH STYLE wooden windmills. Assorted colors. Very nice. \$25.00. 446-5662. (TFN)

'89 JAVELIN Fish & Ski w/trailer 17'. Lots of extras. 110 hp evinrude, \$6,100. 446-3700. (TFN)

KENMORE ELECTRIC DRYER \$200. OBO. Excellent condition. 375-2946 (TFN)

TWO GIRLS HUFFY BIKES, 20" pink & purple, good condition. \$50 for both. (TFN) 446-7704

225 MHZ COMPUTER w/MMX technology printer, scanner, and more. . \$0 down, \$99 per mo., 95% approval. 1-800-699-UCMI, ext. 202. (4/30)

20" Girls Barbie bike w/puncture proof tires. \$75 OBO, 446-5188 after 6:00pm. (TFN)

LITTLE GIRL'S TOYS! Talking doll house \$50, authentic miniature doll stroller \$30, wooden doll crib \$25. All OBO. 446-5188 after 6:00pm. (TFN)

Gonsalves, Rettschlag, Smith and Benjamin receive awards at quarters

At recent Naval Weapons Test Squadron quarters, Capt. Dane Swanson, CO, presented two commendation and two achievement medals.

ADCS(AW) George F. Gonsalves received a Navy and Marine Corps Commendation Medal (gold star in lieu of second award) for service as maintenance master chief petty officer, NWTS, from September 1996 to October 1997.

"Senior Chief Gonsalves personally directed the efforts of 250 maintenance personnel and achieved an unprecedented full mission capability rate of 89 percent, a mission capability rate of 98 percent and successfully completed more than 3,000 project flights," read Swanson from the citation signed by former NAWCWPNS Commander RADM. Jack Cheney.

"His exceptional foresight and meticulous follow-through also ensured the smooth and timely incorporation of 37 depot-level technical directives," said Swanson.

ADC(AW) Kenneth A. ADCS(AW) Gonsalves

Rettschlag received his NMCCM for service as maintenance control supervisor of the NWTS from July 1996 to November 1997. "Demonstrating exceptional competence," read Swanson from the citation, "Chief Rettschlag directed the efforts of 225 maintenance personnel in support of 16 F/A-18 Hornets and 3 HH-1N Hueys, achieving a 98-percent mission completion rate during more than 1,400 project flight hours.

According to RADM. Rand H. Fisher, current NAWCWPNS commander, Rettschlag's flawless planning, coordination and supervision of multiple detachments to remote sites ensured maximum aircraft availability for critical weapons



AO1 Smith

PR3 Benjamin

systems development and live fire validations.

Serving as Ordnance Branch day shift supervisor and the ordnance stock control petty officer for NWTS from February 1996 to March 1998, AO1 Paul D. Smith's leadership was a key factor in expending 280 tons of ordnance without incident, wrote Fisher in the citation for his Navy and Marine Corps Achievement Medal (gold star in lieu of fourth award).

"He achieved a 98.5 percent armament system availability rate," read Swanson. "He was vital in the verification and review of weapons loading checklists for the development and testing of the Joint Direct Attack Munitions,

Joint Stand-Off Weapon and AGM-84H Stand Off Land Attack Missile-Expanded Response."

Smith managed more than 4,000 line items valued at more than \$5 million for the F/A-18.

Also receiving a NMCAM, PR3 Tyrone L. Benjamin served as a survival equipment technician from October to December 1997.

"Petty Officer Benjamin performed his duties in an exemplary and highly professional manner, which led to his selection as the NAWCWPNS Junior Sailor of the Quarter," wrote Fisher in the citation.

Benjamin is also the IWW's Navy League 1997 Junior Bluejacket of the Year.

Recognition

AME1(AW) Kevin S. Houghton received a letter of commendation from NAWCWPNS commander RADM. Rand Fisher. AMHAA Shawn M. Hunter received a letter of commendation from NAWS CO Capt. Stan Douglass for outstanding performance.

Looking for a good new home



Photo by PH2 Darin Russell

MARINE MOVE?—Representatives of Marine Heavy Helicopter Squadron 769 visited NAVWS China Lake as part of the process to find a new home. Forced to find a new home by the BRAC closure of Marine Corps Air Station El Toro, the Marine Corps Reserve Squadron is looking at a number of potential new homes, including China Lake. The commandant of the Marine Corps is expected to decide on the new location in June of this year, and the move should be completed by July 1999.

HOUSING, from Page 3

be based on the negotiated rate. The security deposit refund may not be used for the first month's rent under the Set-Aside Program or the final month on an existing lease agreement.

Can a landlord refuse to rent to certain ranks?

No. Any rank can rent at the current set-aside rental rate. When the quota of apartments has been filled, no future service members will be sent to that complex by the Housing Office. The management company can increase the quota if it desires.

What happens after the lease expires?

After the initial term of the lease has expired, the service member may continue under the Set-Aside Program on a month-to-month basis or may sign a new 12-month lease.

What about PCS orders?

If the service member receives PCS orders or TAD/TDY orders in excess of three months (not including deployment), the service member may terminate the lease before the end of the lease period. The service member must present a copy of the orders to the property manager along with a 30-day written notice. Liquidated damage charges may apply.

Is a deposit required?

No deposit is taken under this program. However, the property manager/owner may charge a reservation fee up to \$100 dollars to hold a rental property.

This will go towards the first month's rent. If for some reason the service member does not qualify, the fee will be returned. If the service member is qualified and changes his mind the fee is forfeited.

Is an application fee required?

No application fee is accepted under

this program. However, the service member must show proper military identification and verification provided by the housing office. In addition, if the property manager decides to run a credit check, the member cannot be turned down for a poor credit history, only poor rental references verified from a previous landlord.

Is a pet deposit required?

Yes, the individual rental rules apply.

What if I disagree about damages or apartment conditions?

When the service member moves in, it is his responsibility to contact the housing office to schedule a check-in inspection. A representative from the housing office will accompany the service member and property manager on the inspection of the unit.

All damages, repairs needed and the overall condition of the unit will be noted on the inspection form. Before the service member moves out, a representative from housing will attend the move-out inspection with the service member and property representative.

Military clause

California Law does not have any provision relieving the military member from liability under a lease or rental agreement.

The Soldiers and Sailors Relief Act also does not relieve a service member from liability. The service member should ensure that a "military clause" is added to the rental contract.

Landlords must abide by all Federal and State Fair Housing Laws. They must also keep units up to existing state and local health and safety laws and re-key or change the locks on the dwelling unit doors prior to each new tenancy.

For more information, contact the Housing Office at 939-4450.

Demolition and renovations are subject of Housing Town Meeting

According to Housing Office officials, there will be a Housing Town Meeting at the Wreck Center on Thursday, April 23, for all Station residents.

Coffee and cookies will be served.



NAVWS, Naval Air Weapons Station, China Lake, CA

Be Heart Smart

Easy to follow "Low Impact" and "Step" aerobic are offered six days a week at no extra charge for Sports & Fitness Complex members. Certified instructors give you a vigorous workout which are designed to get you in shape and keep you feeling fit. Classes are Monday-Saturday except holidays. For details, call Fitness@939-2841.

Ready... Set... Get Wet!

Inner tube water polo races are Saturdays in May for ages 14 & up at the Sports & Fitness Complex Indoor Pool from 1:00 p.m. to 3:00 p.m. Form your teams today! Teams consists of 5 players in same age category. Register at the Sports & Fitness Complex no later than April 24. Free for complex members. Get those inner tubes ready to win your way to victory. Call 939-0756.

Stop by CRAFTTECH Consignment Shop Today!



Inside you'll find hand-crafted jewelry, Indian beads, turquoise, polished stones (Onyx, fossil, limestone, burmateak, jasper, black or red zebra, marble & more), hand decorated baby items, special ceramic greenware & bisque specials.

Monday-Thursday, 11 a.m. to 9 p.m.
Friday, Saturday, 10 a.m. to 6 p.m.
Sunday, 1 p.m. to 6 p.m.

Crafttech located on the corner of King and Richmond Road. Call 939-3252 today!

Castle X Spring Happs!

SPRING FLING-ALL NIGHT EXTRAVAGANZA
Date: Saturday, April 18, 1998
Time: 6:00 p.m.-7:00 a.m.
Cost:
Military: \$8.00
DoD/Contractor: \$10.00
Community: \$12.00
Register by April 15, 1998
Minimum of 20 Teens

MTVS
Magnificent Teen Variety Showcase
Date: Friday, May 15, 7:00 p.m.
Ages: 13-19 years
Variety Talent Show: Comedy, Drama Skits, Music Instrument Solos, Music Singing Solos or Groups, and Bands
Registration Deadline is May 1, 1998
FREE-JOIN THE FUN-TEENS COME SHOW THE COMMUNITY YOUR TALENT.
Where: China Lake Auditorium
Tryouts: Tuesday, May 5

DISNEYLAND
Date: Saturday, May 2, 1998
Time: 6:00 a.m.-11:30 p.m.
Ages: Boys and Girls, 12 - 17 years
Cost:
Military: \$32.00
DoD/Contractor: \$33.00
Community: \$34.00
Register by April 27, 1998
Minimum of 12 Teens

Call 927-8336

When You Care About Your Pet

Don't miss a golden opportunity to keep your pets safe and healthy at reduced savings! Well Animal Clinic is for small domestic pets of active duty military, retirees and their family members. Sign-up today for May 7 clinic at Crafttech. Space is limited. For safety, children (under 12) are not permitted in clinic. For details, call 939-3252.

Death Valley Tour

Don't miss Death Valley in the Spring! Trip is planned for military, DoD and contractor adults on April 24. See awesome sand dunes, Uhehebe Crater and Stovepipe Wells. Sign-up by April 20 at the Wreck Center. Dress comfortably for touring and bring extra money for food and souvenirs. For details, call Wreck Center ITT@939-8660.



Rippingtons • Hiroshima Yellowjackets • Norman Brown

Blue by Nature, Midwest Coast, Groove Therapy, Freddie Brooks, Doo-Wah Riders, Midnight Brood, Zydeco Blues Patrol and Navy Nautilus
Ridgecrest, CA • NAWS, China Lake • Knox Field

May 21, 5:45 p.m.-Midnight *FREE Admission Day!
May 22, Noon-Midnight
May 23, Noon-Midnight

ATLAS HOTELS	ADVANCE <small>Advance Tickets Must be Purchased NLT May 15</small>	Individual	Family <small>(2 adults, 2 children under 15)</small>
	2 Day Pass	\$19	\$42
	1 Day Pass	\$10	\$22
	AT THE DOOR		
	2 Day Pass	\$22	\$45
	1 Day Pass	\$13	\$25

Ticket Outlets: Wreck Center, Texas Cattle Co. and the Booklet or ...
Call (760) 939-8660.
Contacts: alonzie_scott@imgdw.chinalake.navy.mil •
charmaine_haaland@imgdw.chinalake.navy.mil • (760) 939-2010
Show goes, rain or shine. Tickets are nonrefundable and not replaceable due to theft or loss. No Coolers.
TICKETS IN SALE NOW!

Guaranteed Good Time

casino
Travel to State line on May 15 and ride the desperado, water log, ferris wheel or even the turbo drop if you dare! Movies, shopping, bowling and games of chance abound. Sign-up by May 13. Customers depart for their adventure at 6:00 a.m. and return late evening. Fee is \$15.00 for military and \$17.00 for DoD adults. For details, call 939-8660.

April Highlights

- WRECK CENTER • 939-8660
- April 22, Secretaries Luncheon, 11:00-1:00 p.m.
- April 24, Cat Walk Party, 9:00 p.m.-1:00 a.m.
- April 29, Table Tennis Tourney, 7:00 p.m.
- Thursdays, Hot Wings 10¢
- Thu.-Sat., DJ, 8:00-12:00 p.m.
- Easter Brunch, April 5, 10:00 a.m.-2 p.m.
- Bingo every Tuesday, 6:00 p.m.
- Sundays, Pizza & Movie-\$2, 3:00-7:00 p.m.

FSC Happenings

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

Upcoming classes
CHAMPUS/TRICARE Brief, April 13, 3 to 4 p.m. Call 939-1018 to register.
Colombo Conquers Conflict and Anger, April 13, 5:30 to 8:30 p.m. Call 939-3743 to register.
Anger Management for Children, April 15, 4 to 5 p.m. Call 939-3742 to register.
Dantes Testing, April 15, 1 p.m. Call 939-0966 to register.
Resume Writing, April 16, 1 to 3 p.m. Call 939-0966 to register.

Spouse Employment Assistance Program, April 20, 1 to 3 p.m. Call 939-0966 to register.
Introduction to the Internet, April 21, 5 to 8 p.m. Call 927-3786 to register.
Please note
Effective April 6 the Computer Lab will extend its hours to 6 p.m. on Mondays and Tuesday and to 5 p.m. on non-flex Fridays. Wednesdays and Thursdays the lab will close at 5 p.m.
Transition Assistance Program classes will be held at the Family Service Center on May 19-22; July 28-31; and Sept. 22-25.
For more information call Joan at 939-0966.

All Faith Chapel Services

Protestant	Roman Catholic
Men's Prayer Breakfast, East Wing, Thursday 6:00 a.m.	Sunday Mass, Main Chapel 9:00 a.m.
Sunday School, Sept. - May, Building 02298, Richmond at Blandy 9:00 a.m.	Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.	Confessions, Sundays 8-8:30 a.m.
Bible Study (East Wing), Sept. - June, Wednesday 11:30 a.m.	Confessions, Weekdays By appointment
Youth Ministry, 1907 Mitscher, Sunday 2-3:30 p.m.	Religious Education Classes, Sept. - May, Sunday, Building 02298, Richmond at Blandy 10:30 a.m.
Adult Bible Study, East Wing, Thursday 7:00 p.m.	
Jewish (371-9478 Messages)	Islamic
Weekly Services, Friday, Small Chapel 7:30 p.m.	Jumaa Prayer, Friday Building 02298, Richmond at Blandy 1 p.m.
Hebrew Classes, Oct. - June, Saturday, Building 02298, Richmond at Blandy 2-5 p.m.	
Religious School, Sept. - June, Sunday, Building 02298, Richmond at Blandy 8:30-10:30 a.m.	

Equipment for the hearing impaired and nursery are available

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

THRUSTS from Page 1

strategic-planning process that began in 1996. At that time, it was becoming clear that NAWCWPNS needed to respond to a rapidly changing business environment. Sterling Haaland, NAWCWPNS executive director, established a team to develop a strategic plan that would help the Division find new directions for growth.

Under the leadership of Dave Janiec, the strategic-planning team thoroughly assessed the Division's assets, resources and strengths. Then the team reviewed the total business environment within which the Division operates:

customers, competitors and contractors, as well as evolving technological trends and forecasts for the future of naval warfare. Finally, the team members synthesized their findings into a dozen strategic initiatives. The Division Resource Management Board (DRMB) reviewed the proposed initiatives and consolidated the twelve into seven.

"We're trying to tie into the needs of the future as well as the business base of the future," says Haaland. "The goal is to make those work together and move that into the next century's systems."

The strategic thrusts are:
21st Century Battlespace Integration — the integration of real-time information and intelligence to provide battlespace awareness, analyze the joint battlespace, support weapons delivery and help strike platforms and weapon systems complete their missions. In network-centric warfare, the aircraft and their weapons will become part of the sensor grid, as well as serving as weapon-delivery platforms.

Fleet and Customer Service — rapidly delivering technical and engineering services to the operational forces, and providing comprehensive readiness and training support to the fleet and other customers.

Embedded Training — training that

is enabled by capabilities designed into or added onto operational systems, sub-systems, or equipment to enhance and maintain the skills proficiency of fleet personnel.

Energetics — RDT&E of energetic materials, ranging from ingredient synthesis through full-scale motor testing, system phase-out and disposal, with particular emphasis on establishing industry and other government partnerships.

Hypersonic Weapon Systems (HWS) — RDT&E, acquisition support, and integration of hypersonic strike weapon systems to attack and destroy time-critical targets at long standoff ranges.

Theater Ballistic Missile Defense/Cruise Missile Defense (TBMD/CMD) — the use of an integrated systems architecture to protect naval forces and inland assets from ballistic and cruise missiles.

Uninhabited Combat Air Vehicles (UCAVs) — the development, acquisition and integration of uninhabited air vehicles, weapons and other aircraft as an integral element of the 21st century battlespace.

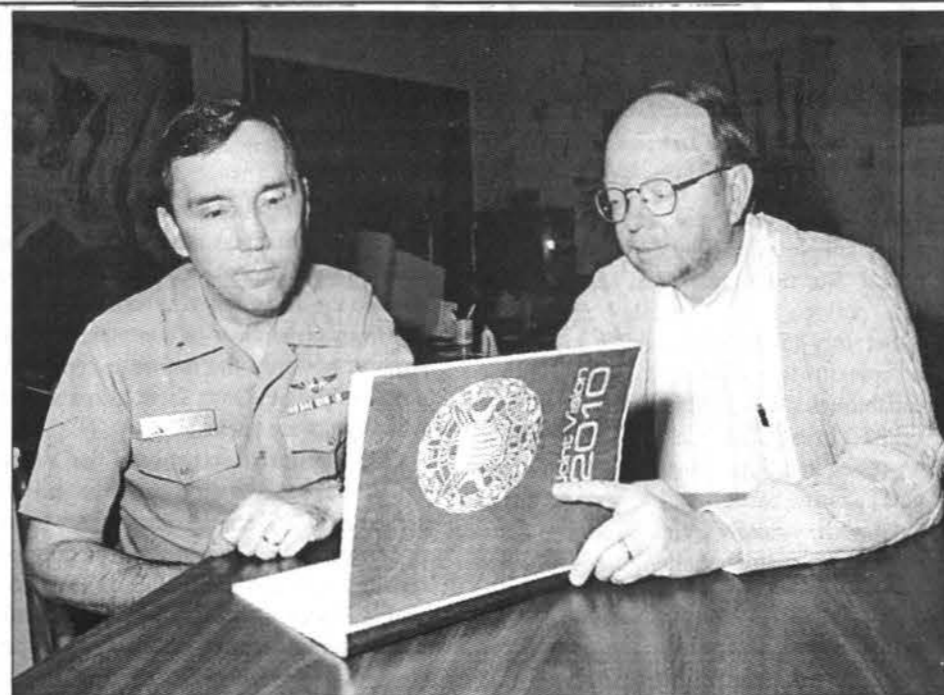
For each of the strategic thrusts, a team has been assembled under the leadership of a DRMB member. The teams have developed business plans and are now working to expand the NAWCWPNS customer base in these areas that are so vital to the Navy of the 21st century.

One benefit of the strategic thrusts is that they offer NAWCWPNS employees the opportunity to reshape their careers. This will occur as people move from programs that will be winding down over the next few months and years and into these new areas that will dominate the battlespace of the future. "The timing of these moves will be one of our most important management challenges," says Fisher.

Haaland believes that to fully develop these thrusts will take both time and teamwork. "In the battlespace of the

"We're trying to tie into the needs of the future as well as the business base of the future. The goal is to make those work together and move that into the next century's systems."

— Sterling Haaland



JOINT VISION 2010—NAWCWPNS Commander RAdm. Rand Fisher and Executive Director Sterling Haaland believe the strategic thrusts support the Navy's vision for the 21st century.

future, these elements have to work together," he notes, "so strategic alliances with other organizations are essential. First we get our own act together in terms of the technology and planning. Then we work with NAVAIR, NAWCAD, fleet representatives, the warfare centers and the other services to link the areas."


Also critical to these efforts will be the participation of industrial partners, as the Department of Defense continues to move surge capacity into the private sector. Success in this approach will require cooperative exchange of experience and expertise between the two sides of the military-industrial complex.

The strategic thrusts are not cast in concrete. "They will be continually evolving," says Fisher, "driven by factors such as technology and the changing geopolitical scene. The Navy's strategy

is to shape the international environment, respond to the full spectrum of crises and prepare now for an uncertain future. NAWCWPNS needs to be consistent with high-level vision and direction."

While some thrusts — such as Energetics or Fleet and Customer Service — have a long history of Weapons Division involvement, others are relatively new directions for the Navy. "What we need," Fisher concludes, "is for one or more of these thrusts to bear significant fruit in terms of becoming a core capability. And I think they all have a likelihood of doing so."

Subsequent issues of *The Rocketeer* will carry articles on each of the strategic thrusts. In those articles, you'll learn more about the work being done in these areas and meet some of the people who are helping to lead NAWCWPNS into a future rich with opportunity.


Naval Criminal Investigation Service
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927-1925

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The Headlines:
Changes to Base Housing Affects E-6's & Above...
 The local professionals at Guild Mortgage, in Ridgecrest for more than 17 years, have a solution to this problem. Why not *buy your own home?* Get pre-approved at no cost to you, *absolutely free!* Not sure of the process? Ask about our free tape explaining the entire process.


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 Ridgecrest, CA 93555

Real Estate Broker-California Department of Real Estate. Licensed by the Department of Corporations Under the California Residential Mortgage Lending Act

China Lake mourns the passing of Dillard Bullard

Dillard Bullard, 60, died on Wednesday, April 8, of respiratory failure at Barlow Respiratory Hospital in Los Angeles. Memorial services will be held today, Thursday, at 11 a.m., at the All Faith Chapel. Pastor Gerald Goodman will officiate at the ceremony.

Bullard is survived by his wife, Charlotte, and sons, Steve and Mark; daughter Carrie Bonner; daughters and sons-in-laws, Robin Bonner and Britt Rideout and their son, Beau; Erin and Kevin Evans and their daughter, Luna; sister, Mary Carol; and brother and sister-in-law, Jimmie and Gail and their two children, Rob and Lauren.

In lieu of flowers, the family requests contributions be made to the China Lake Museum Foundation, P.O. Box 217, Ridgecrest, CA 93555.

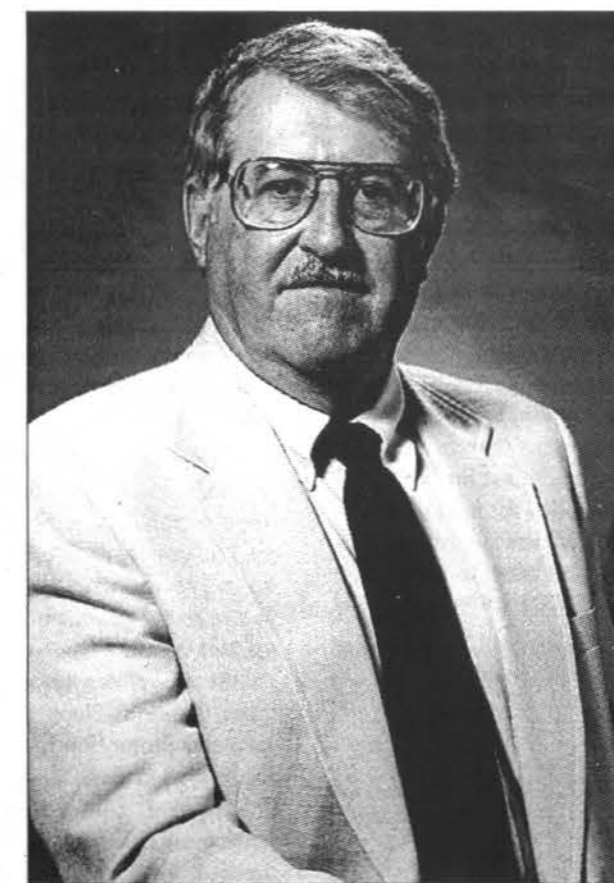
A native of El Paso, Texas, Bullard grew up in Las Cruces, N.M., and graduated from New Mexico State University in 1960 with a bachelor's degree in mechanical engineering and shortly thereafter came to work at the then Naval Ordnance Test Station China Lake.

The first 14 years of his 36-year career were devoted to production, in-service engineering and operational use.

This work included fleet support/malfunction, investigations, rockets, bombs, missiles, launchers, "yellow" gear and aircraft integration for the Navy, Air Force and Army.

During this period, in 1968, Bullard accepted his first management position as head of the Air- and Surface-Launched Weapons Branch in the Engineering Department.

In 1974 he was named head of the Engineering Department's Quality Assurance Branch. Two years



Dillard Bullard

later he became head of the Product Assurance Division, in charge of the Naval Weapons Center's quality assurance, reliability, system safety and soldering technology programs. In that position he was instrumental in apply-

ing high standards of manufacturing practices to Navy programs, including Sparrow, Sidewinder, HARM, Harpoon, Air-Launched Cruise Missile and Tomahawk.

In 1977 Bullard became head of the Joint Cruise Missile Coordination Office. This change shifted his focus again to include all of the concept, demonstration/prototypes and development aspects of the weapons systems life cycle and a small portion in each of the research and production phases.


Bullard became associate head (1978) and then head (1983) of the Weapons Department and added his contributions to special projects, tech base (artificial neural networks, seeker demonstrations, missile simulations and hardware prototyping), fiber optics, software development, aircraft weapons integration, AAAM, AMRAAM, Phoenix, NAAWS, MHIP, Standard Missile, A1WS and RAM.

From 1989, when he became director of the Quality and Productivity Improvement, through his retirement, his efforts reached into all aspects of the weapons systems life cycle.


In 1992 he became head of the Services and Information Directorate, which was the new multisite organization that provided comptroller, human resources, procurement, information systems and technical information functions to NAWCWPNS.

In preparation for the stand-up of NAVAIR's competency aligned organization, he moved to his last position as head of the Pacific Ranges and Facilities Department in July 1994.

Bullard's list of awards included the Thompson Award, the Michelson Laboratory Award and the Navy Meritorious Civilian Service Award.

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F2 from Page 1

at the Boeing Company in St. Louis. And according to Allen, the Super Hornet will offer improved survivability, enhanced multi-mission capability, a 35-percent increase in mission radius, a 50-percent increase in endurance and a 22-percent increase in weapons capacity.

Allen praised the "on-schedule...the original schedule (he emphasized)...on-target airplane," and also emphasized the teamwork necessary to make this success happen. "We are counting on you to put the Super Hornet through its paces," he said. "I'm sure that all the operational evaluation thresholds will be met. I'm confident that with the use of your sophisticated avionics labs and outstanding range facilities you (WD) will have the entire weapon system certified and ready to enter operational evaluation on

schedule."

F2 is one of seven aircraft that went to Naval Air Station Patuxent River for flight testing. Allen said that program is now 72 percent completed. During sea trials, the Super Hornet flew more than 60 sorties in eight days with no maintenance problems and no flight control software changes. "This is a first-day-of-war strike fighter," Allen said at an overview briefing after the turn-over ceremony. "The Super Hornet is a quantum improvement in the Navy's warfighting capabilities."

Capt. James Godwin, F/A-18 E/F program manager, gave his thumbs up to the aircraft testing team. "Last Friday (April 3) was a watershed day for naval aviation — a pivotal day. We met with Secretary of Defense William Cohen to assure him



SIGNALING—F2, followed by a Boeing corporate jet, is waved into Hangar 5 on Friday, April 3. The Navy jet had finally reached its new home.

that we had a solution to the wing drop problem and to brief him on the status of the program. He was convinced that we had solved the problem and authorized us to move on with LRIP, which means we're ready to start building the next set of 20 aircraft.

"It was also a good day because my boss, Admiral Cook was placed on the two-star promotion list, so that made it a doubly good day.

"Then I got a call from Lemoore telling me that F2 had taken off and was headed for China Lake. A little while later I got another call saying it had landed. And that really made it a special day. I even went out to dinner with my family to celebrate."

But it was also a bittersweet day, he said, because he was supposed to be in the backseat of F2 when it landed at China Lake. The meeting with Cohen kept him at home.

"We're glad to see the Super Hornet

at China Lake for the integration work the Advanced Weapons Laboratory will perform. This aircraft before you is the framework or outer body, and we've built a good solid structure, but here, with the work that will be completed at China Lake, is where we put in the veins and flesh out its full potential."

Capt. Dane Swanson, commanding officer of the Naval Weapons Test Squadron, accepted a ceremonial key to the F2 Super Hornet from Godwin and said the team was ready to begin an aggressive test schedule. And begin they did. Even before guests had departed the hangar, F2 was being prepared for its first flight.

The flight lasted one hour and 12 minutes. Said Super Hornet pilot, LCdr. Bill "Boomer" Hamilton, "The aircraft leapt from the runway in record distance and time, even when compared to the enhanced performance engined F/A-18Cs. The RADAR mission systems flight was flawless."

Later Godwin said, "I was always committed to getting the E/F out here for this integration work, because I really know how important this place is. We need it to be right the first time. We can't afford to have to retrofit this aircraft once it's delivered to the fleet."

Check out the Public Affairs website at <http://www.nawcwpns.navy.mil/~pao> and go to Super Hornet links for the newest photos at http://www.nawcwpns.navy.mil/~pao/F2_stlouis.html and <http://www.nawcwpns.navy.mil/~pao/F2.html>.



KEY PEOPLE—Capt. James Godwin, F/A-18E/F program manager, turned over F2's symbolic key to Capt. Dane Swanson, NWTSC CO, on April 6. Below, a crowd of roughly 300 was on hand to welcome F2 to China Lake.



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Virtual China Lake lives inside the SimLab

By Cliff Lawson
TD

Einstein once said, "Make things as simple as possible." Then he added, "But no simpler." In keeping with his advice, the Missile Simulation Laboratory (SimLab) is adding a level of complexity to its infrared (IR) modeling capabilities. With a computer simulation called Virtual China Lake, IR seekers that are tested in the SimLab will fly to their targets against a background so realistic that it is... well, virtually China Lake.

"It's a major challenge," says Les Forrester, the SimLab Virtual China Lake project manager. Pointing to the huge Silicon Graphics Onyx 2 computer that will host Virtual China Lake he adds, "We're creating the real world in there."

The Virtual China Lake simulation begins with a computerized topographic map. The high-resolution area of the simulation — about 250 square miles of the North Range complex, as seen from an altitude of 10,000 feet — is then overlaid with visual images of surface features: roads, clearings, trees and other vegetation, soil types, rock outcroppings, buildings and other structures. This feature information is extracted from aerial photographs of the ranges.

Each pixel in the map is then assigned physical material values based on the known IR qualities of the particular feature. Red sand, for example, has a different IR signature than white sand, and creosote bush differs radiometrically from juniper. Because heat absorption, radiation, and reflection are critical elements of an IR signature, the pixel values vary depending on such variables as the angle of the sun and

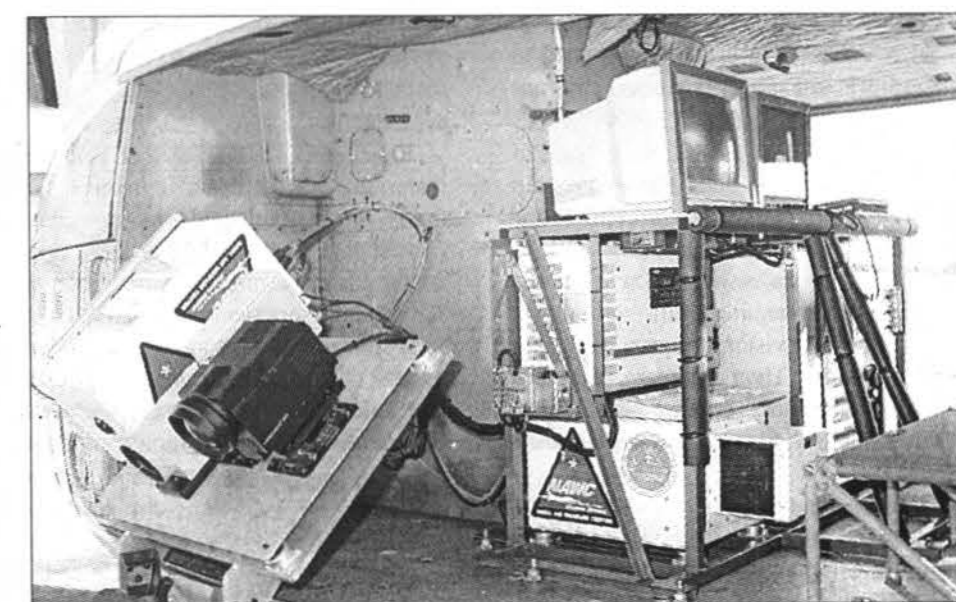
the amount of moisture in the atmosphere. All of these variables are incorporated in the simulation.

Synthesizing the data and then making the entire simulation navigable — so that missiles and aircraft can "fly" through it and see the entire range in correct perspective from any angle — is complex. The task requires not only the immense computing power of the SG Onyx 2 but also a sophisticated software package.

The physical link between the Virtual China Lake simulation and the missile seeker is an IR emitter array. This palm-sized device consists of 262,144 thermoresistors arranged in a 512-by-512 resistor grid. Each of the resistors is individually temperature controlled and represents a single pixel in the IR scene. The emitter array and projection optics are mounted directly in front of the missile seeker on a Carco five-axis flight motion simulator. The array functions essentially as a television screen, playing a picture of the simulation's IR map for the seeker.

In operation, the missile seeker looks at the emitter array and guides toward the target. (The target portion of the simulation can be customized to represent a specific threat, to maneuver and to use countermeasures.) The seeker tracks the target and generates maneuvering commands, which are transmitted to the simulation. In response, the computer simulation adjusts the emitter array's IR presentation. The seeker, bored-sighted to the emitter array, sees the same changes in its field of view as it would during an actual missile flight.

Driving the need for this SimLab enhancement is the increased role that modeling and simulation play in seeker development. Part of the reason for the greater



REALITY CHECK—Radiometric imaging devices were installed in a helicopter to collect validation imagery.

use of simulation is cost savings. Live firings of developmental weapons are very expensive. The cost of the shooter aircraft, target, instrumentation, communications and security, not to mention one-of-a-kind weapon prototype hardware, can easily push the price of a single live firing to over a million dollars.

To get the most out of every live firing, weapon developers need to have a pretty good idea going into a test just how well their weapon will do. Realistic computer modeling allows the developers to play and replay a nearly infinite number of scenarios and to see how the missile responds to each. Slight variations in scenarios help the developers optimize the missile design, accurately establish the limits of its envelope and develop counter-countermeasures for threat countermeasures.

Accuracy is critical to a simulation. Although construction of Virtual China Lake is still under way, the first steps have been taken in a unique validation program that will begin next year. Late in 1997, the SimLab-funded team, under Forrester's direction, installed several radiometric imaging devices — IR cameras — in a helicopter. With the aid of an on-board Global Positioning System receiver, the cameras were then positioned at precise locations above the ranges. IR imagery in the 0.4 to 14 micron band was recorded under various lighting conditions.

When Virtual China Lake is completed in early 1999, the IR imagery that was col-

lected will be compared with the simulation, both statistically and on a pixel-by-pixel basis. The process will not only validate the accuracy of the simulation but will also permit fine-tuning of Virtual China Lake's IR characteristics to achieve the highest fidelity possible.

The validation effort has already had a positive spin-off. Design, testing, and formal flight-safety clearance for the helicopter-mounted imaging equipment took several months of intense effort and documentation. The equipment is available for use by other organizations who may need a GPS-correlated imaging capability.

China Lake was chosen as the site of the simulation not merely for reasons of convenience or because of the vast pool of expertise available. Many of the missile components that are tested in Virtual China Lake will eventually be captive-carriage and live-fire tested on the very same ranges that they flew over in simulation. The ability to compare real and simulated performance adds another reality check on the validity of the simulation.

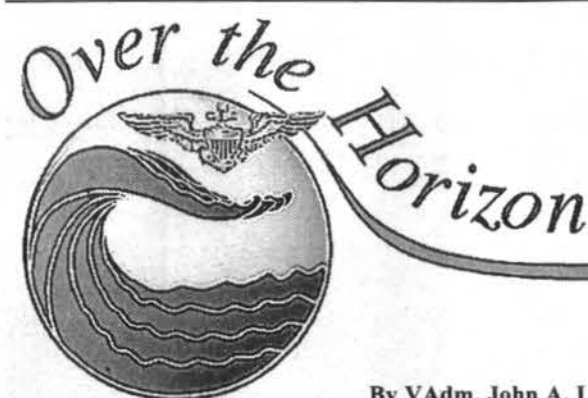
Edwards AFB has a similar simulation capability, that covers part of their land holdings. There have been discussions between Navy and Air Force personnel of tying the simulations together and expanding them. Forrester envisions a simulation that eventually will extend from the Pacific Ocean to Nellis AFB, and from south of Edwards to north of China Lake.

Eileen Shibley, head of China Lake's SimLab, sees Virtual China Lake as a major addition to the Weapons Division's expanding capabilities in modeling and simulation. "This is another step toward realism in the test environment," she notes. "When any of our customers come here and fly their weapons through a thoroughly validated Virtual China Lake, they'll have a high level of confidence that the simulation accurately predicts real-world performance."

SIMULATED BACKGROUND—Thousands of thermoresistors in the IR emitter array present changing IR imagery to a missile seeker.



VIRTUAL CHINA LAKE—Eileen Shibley, Pam Ross, Bob Dalbéy, Les Forrester, and Daryl Giles, part of the Virtual China Lake Development Team, stand by the Carco simulator where seekers "fly" on the North Range complex.



By VAdm. John A. Lockard
NAVAIR Commander

Partnerships: Sound business strategy, positive results for our TEAM and our Navy



I have talked a lot recently about running our organization as an efficient business. Like any business, we must continuously scan the environment, anticipate future trends, and then execute business strategies that deliver the results our customers expect.

It has become increasingly clear that new times demand new methods of getting the work done. A key element of our business strategy will be partnering with others to reduce cost and improve efficiency, preserve and expand our capabilities, and develop new technologies for the future. In recent years, there has been a renewed interest in partnerships throughout our TEAM, and an expanded definition of the players. In the early 90s, the focus was on jointness among the services.

Today, our approach is more global. Aside from partnering with other DoD and government agencies, we are pursuing innovative agreements with industry and academia, as well as state, local and international governments. With unique facilities and world-class expertise in program management, test and evaluation, modeling and simulation, engineering and fleet support, the opportunities are abundant.

It is in our best interest to aggressively pursue partnerships in areas where we have a strength or can make a meaningful contribution. Partnerships generate additional work which helps us preserve mission-essential infrastructure and capabilities in a time when we have fewer opportunities to do it ourselves.

Partnerships also reduce duplication, increase access to leading-edge commercial technologies, and provide a mechanism for commercializing technologies we've developed in-house. Our challenge is to seek out partners who share our interests and our problems. With complementary resources, shared expertise, communication and trust, we can push the state of the art together. Ultimately everyone wins, including the fleet.

What do partnerships look like?

In general, partnerships fall into two categories, each with its own set of benefits. The first involves collaborating with industry or the other services to develop, test and maintain products for the operating forces. The second involves teaming with industry, academia and other federal agencies to develop new products and technologies with applications for both the military and the private sector.

Traditional products and services

Look around our TEAM and you'll discover many examples of successful partnerships. Within our Aircraft and Weapons divisions, we've built what amounts to a national investment in facilities and expertise that can be leveraged for more than fleet products. Both commercial and military customers are using our ranges, facilities and expertise to conduct complex air, land and sea testing and training scenarios.

It makes good economic sense for them, and provides us additional sources of funding to offset our operating expenses, which drives down cost for our principle customers. We also benefit from increased exposure to commercial technologies and processes we can apply to our product lines.

Throughout the TEAM, industry personnel are becoming more visible members of integrated teams. On the F/A-18E/F and V-22 programs, test teams are co-led by govern-

ment and contractor personnel who share equal responsibility and accountability. At the working level, you have to look at the color of the badge to know who is government and who is contractor. That speaks volumes about the level of trust, communication and shared motivation that exists here.

In this setting, test and evaluation is conducted concurrently, saving a tremendous amount of time and money. It's easy to see why. In the past, the contractor would build, test and deliver aircraft. The Navy would then re-test, collect data, write a book of deficiencies and then tell the contractor to go fix it. On the E/F and V-22, senior Navy engineers with years of experience incorporate their lessons learned into the contractor's test plan, and then participate in solving technical issues as they arise. A once adversarial relationship has evolved into a complementary one, supported by a common cause.

We're also making great strides on the west coast in our Weapons Systems Support Activities. With the Sidewinder missile, our industry/contractor team spent weeks working together identifying problems, developing plans of action, and resolving nearly all of the issues before reaching the critical design review. Aside from the savings, we gained much greater insight which multiplied our problem solving ability.

We're just beginning to see the positive influence of government/industry partnerships in supporting systems once they are fielded. With the F-14 component Virtual Prime Vendor program, our NADEP Jacksonville artisans repair components, and the vendor is responsible for manufacturing, configuration, engineering, technical support, and supplying the fleet at a specified readiness level. The vendor manages inventory based on usage and reliability, providing us with efficient, "just-in-time" delivery of parts, which saves cost and improves readiness.

On the H-60 program, NADEP Cherry Point and Sikorsky employees are comparing notes on reliability-centered maintenance analysis, and setting up a baseline prototype effort for the Integrated Maintenance Concept.

The synergy from combining the manufacturer's product knowledge with our maintenance experience results in a more effective maintenance plan.

My vision for the integrated maintenance concept is that organic and commercial depot-level artisans visit the squadron to do preventative maintenance alongside our sailors, which reduces out-of-service time, and gives sailors training in state-of-the-art maintenance processes.

New products, customers, technologies

Security barriers and the safety of China Lake personnel

During the past several months China Lake police officers have observed frequent evidence of Station personnel entering and exiting restricted areas by other than approved access routes. The main areas where this activity has been noticed are in the North Ranges and CLPL, primarily in the "B" Mountain area.

Evidence shows that people are climbing over, walking around and going through security fences in order to jog, hike and bicycle ride. Another location of growing concern for personnel safety is in the old target area west

Partnerships also provide a bridge to move technology out of our labs and into the commercial marketplace — allowing us to influence product designs that may address future military requirements. When products are sold commercially, market forces drive down unit costs, streamline the acquisition process and often lead to a second source for product support.

The Weapons Team Engagement Trainer was the result of crossing commercial investment with technology developed at our Training Systems Division. WTET provides realistic tactical engagements for military special forces, SWAT teams and other law enforcement personnel. This collaboration resulted in a versatile product, costing one third less than originally planned — and provided an entry point for doing additional work for the Department of Justice through an interagency agreement.

The Aircraft Division teamed with Electronic Warfare Associates to design a system for monitoring vessel traffic in international harbors. The system is based on surveillance and GPS technologies we developed in-house. We provide software development, testing and training for operators; EWA builds and installs the systems.

At Weapons Division, we're working with Thermal Jerrell Ash, Corp., to develop a system that continuously monitors hazardous toxic metal emissions — a great example of dual-use technology with applications for both military and industrial facilities.

Although somewhat off track from our traditional customer and product sets, these partnership agreements and others like them ultimately provide tangible economic and product advantages for our primary Navy and DoD customers. The examples I've described prove that partnering is much more than just a good idea. It's sound business strategy that gets positive results. We must take every opportunity to share lessons learned and expand our efforts across the board.

We must increase our visibility by participating in professional associations, presenting papers, and sharing our knowledge with the outside world. True, new arrangements can involve a certain amount of risk, and success demands persistence and hard work. But we have clear evidence that the outcome is well worth the investment. We must build on that experience and do more — for our TEAM, for our partners, and for our Navy.

Please send your comments and questions to Steve Boster at the Public Affairs Office. All comments will be forwarded to Lockard. Visit the admiral's website at www.navair.navy.mil/air00/index.html.

PLANNING from Page 1

vision, sound values and a mission statement for the entire work force. This is a transforming plan."

Equally important as the vision, values and mission is the formation of five teams, each chaired by a DRMB member, chartered to develop plans for overcoming strategic issues standing between the Weapons Division and full realization of the goals set last week.

Col. Willie Bain, commanding officer of the Marine Aviation Detachment, leads the Work Force Management Improvement Team, continuing and expanding the efforts of the Weapons Division to provide managers and employees with resources that allow employees to take charge of their careers and futures.

Inter-site/Inter-Competency Teaming is the mission of the team led by Steve Mendonca, director of test and evaluation. This initiative focuses on taking advantage of the combined strengths of the Weapons Division employees through improved internal teaming.

Matt Anderson, head of the Avionics Department, is guiding a Business Development/Marketing team that recognizes the Weapons Division needs to develop a coherent, coordinated business development and marketing strategy.

Ron Smiley, director of corporate operations, chairs the Business Acumen team. This initiative seeks to develop the internal business acumen, allowing the Weapons Division to remain competitive and provide value to the customers.

Creating a new Decision/Communication Culture is the focus of the team led by Karen Higgins, head of the Weapons/Targets Department. This team will develop consistent and well-understood decision and communications processes through a cultural change in the Weapons Division.

Edwards jobs available through Manpower Initiative Program

Twenty-seven technical jobs are available now for NAWCWPNS employees at the Air Force Flight Test Center, Edwards Air Force Base, in the Electronic Warfare Directorate.

According to Dave Eiband, program coordinator for the Manpower Initiative Program, EAFB is actively looking for Weapons Division employees in the scientific and engineering categories, including radar, avionics, electronic warfare, structures, aerodynamics, propulsion, flight qualities, armaments and test management.

The Manpower Initiative Program was started to develop a mechanism by which scientific and engineering labor issues at NAWCWPNS and the Air Force Flight Test Center could be addressed. "For each employee who goes into this program," explained Eiband, "the Division saves \$70,000."

This agreement is formalized in a memorandum of understanding renewed annually by the commanders of the Weapons Division and the Air Force Flight Test Center. In the past month four people have been placed at Edwards.

In its current formulation, the program provides S&E support to AFFTC with Weapons Division personnel. They remain Navy employees, answering administratively to their NAWCWPNS organizations, but project management is provided by AFFTC managers in the various combined test forces.

AFFTC is charged the appropriate accelerated labor rate plus an off-site overhead rate of \$9.75 per hour, and funding is provided by the supported combined test forces at EAFB via a military interdepartmental procurement request.

Weapons Division people work the AFFTC standard 40-hour work week, not the mandated compressed work schedule.

Daily government transportation is provided to EAFB and back to China-Lake by van pool. Each initiative participant receives a quarterly \$430 award.

Eiband says a relatively large percentage of participants eventually accept permanent employment at Edwards AFB as Air Force employees. Since October 1997, three people have accepted permanent jobs.

A large number of technical positions in the Test Directorate, in just about every technical specialty, are also available, explained Eiband. Permanent journeyman-level GS-12 jobs are also available. For more information on these jobs look to www.edwards.af.mil.

NASA jobs, usually GS-13 and above, are also available at the Dryden Flight Research Center. Look to www.dfrc.nasa.gov/ for more information on these jobs.

Interest in the initiative has been growing during 1998, with significant numbers of employees applying for both temporary and permanent positions. "The initiative produces a viable product with benefits to both sites," added Eiband.

For more information, contact Eiband at 939-0423 or e-mail to dave_eiband@imgdw.chinalake.navy.mil.



Dave Eiband

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SPORTS

Sports and Fitness Complex offers expanded aerobics and aquacise

According to Loy Vincent, of MWR's sports program, aerobic classes have been proven to be one of the most effective ways to burn fat and improve one's cardiorespiratory system.

Since there has been a large demand for aerobic classes, the Sports and Fitness Complex has expanded its Aerobics Program. The following hour-long classes will be held.

- 5:30-6:30 a.m. (M/W-intermediate level)
- 9:30-10:30 a.m. (W/Th/Fri-beginner level)

- 11:30 a.m.-12:30 p.m. (M/W/Fri-intermediate); 5:30-6:30 p.m. (M/F-intermediate/advanced)
- 6:30-7:30 p.m. (M/F-intermediate)
- Saturday at 8:30-9:30 a.m. and 10-11 a.m.

Most of classes are either step or low/high impact and cover a wide range of intensities.

On Saturday the 8:30 a.m. class is circuit training for strength. For more information on the specific classes and instructors call the Sports and Fitness Complex at 939-6542.

It's time to join the Marines — the MAD Dash will be held on May 23

It's time to sign up for the NAWS China Lake Marine Aviation Detachment's 8th annual "MAD Dash." This 10K run/5K fun walk will start at 8 a.m. on Saturday, May 23.

Starting point is the MAD headquarters flagpole on Lauritsen Road. It is across from the NAWS Branch Medical

Clinic on Lauritsen between Blandy and Nimitz. There will be awards for overall male and female 10K winners, 1st, 2nd, and 3rd place male and female in each category 10K winners, and in each age group. The age groups are 24 and under, 25-34, 35-44 and 45 and older.

Entry fee is \$15, and that price



EXERCISE—An aerobics class at the Sports and Fitness Complex.

Aquacise
This class is designed to help you tone and develop flexibility while in the water. The water helps reduce impact on the joints and provides resistance for toning. This workout is excellent for those who enjoy the water and want to begin a fitness program. With an increase in attendance MWR added a new morning class which will focus on shallow and

deep water workouts. It is open to all ages. The cost is included with a daily fee or free with a membership. All classes are Monday through Friday:

- 9-10 a.m. (new class) Indoor Pool
- 11:30 a.m.-12:30 p.m. Indoor Pool
- 5:30-6:30 p.m. Indoor Pool until June 5; 5:30-6:30 p.m. Solar Pool June 8-August 21.

includes a t-shirt. Early registration entry fee is \$13, if received by May 12. Late registration fee — on race day between 7 and 7:50 a.m. — is \$16. Extra t-shirts will be sold at \$11.50 each. Register by May 12 to be assured of a shirt on race day.

The course is contained aboard

Station and maps will be available starting May 6. Mail registration form and entry fee to MAD, 1 Administration Circle, China Lake, CA 93555. Or drop them at Building 00670, between 7 a.m. and 4:30 p.m. Make checks payable to the Marine Corps Fund. For more information call 939-6601.

PLANS '98 April 20

The Position, Location and Navigation Symposium (PLANS '98), sponsored by IEEE, will be held at the Rancho Las Palmas Resort, Rancho Mirage, Calif., April 20-23. PLANS '98 will focus on the electronic systems, technologies and applications that are operationally important now and on new developments.

PLANS provides a broad spectrum of papers and tutorials. Its technical program and tutorial sessions offer information on a variety of subjects. In addition to research and development topics, there is increased emphasis on the application and integration of navigation equipment and technologies.

This year the featured speakers are Gen. Charles A. Horner, USAF (retired), commander Air Forces in the Gulf War, and Charles Trimble, of the Trimble Corporation.

The webpage <http://www.ieee.org/conference/plans> contains registration and technical program information. For further information call Dora Zueck at 760-646-9014 or send e-mail to dora.a.zueck@cpmx.saic.com.

Burford retires after 36-year career

Heading out the door.... without any fanfare, but never to be forgotten, Milton K. Burford retired April 3, ending a 36-year career at China Lake that ran the gamut from the highly technical field of designing and developing warheads, to heading the Aircraft Weapons Integration Department, to his job of presiding over 600 people as director of the Naval Air Warfare Center Weapons Division's Corporate Operations Competency.

Burford was born in St. Louis, Mo., and graduated from the Missouri School of Mines and Metallurgy in 1962, and soon after was on board at China Lake at the then Naval Ordnance Test Station.

After his initial work in warhead design, Burford became Program Manager for RDT&E of the antipersonnel/antimaterial (APAM) cluster weapon in 1967, taking this system from concept validation to the fleet.

In 1974, he was selected as Associate Head of the Conventional Weapons Division, and in 1978 was appointed division head. In 1983, Burford became head of

the Electronic Warfare Threat Environment Simulation (EWTES) Division, the Navy's principal outdoor electronic warfare laboratory for the development, test, and evaluation of airborne electronic warfare devices and tactical employment. He then went on in 1987 to lead the Aerosystems Department at the Naval Weapons Center.

Burford's efforts in establishing the China Lake Exhibit Center allowed the base's history to be captured for the thousands of visitors that come from all over the world to enter its doors.

He was appointed to the Senior Executive Service in 1989 and is a recipient of NAWCWPNS' highest award, the L.T.E. Thompson Award; the Commander's Award; and the Navy Superior Civilian Service Award.

At a breakfast meeting held on Burford's last official working day at China Lake, April 2, Public Affairs Officer Steve Boster presented a "Mr. Sunshine" plaque to his boss. Former NAWS CO Capt. Chuck Stevenson had asked Boster to deliver the award upon Burford's retirement.



MR. SUNSHINE—Milt Burford, director of the Corporate Operations Competency, retired April 3 after 36 years of federal service.

Safety Sense

By Eric Aikin
Safety Specialist

CPR and first aid classes June 9 through August 13

Another long afternoon, sitting at my desk, idly shuffling papers and watching the minute hand begin its slow arc. I checked the phone for messages; none. I checked e-mail. Nothing there. Down the hall I heard the random clatter of keyboards as the others worked.

I stood up, stretched, looked out of the window. How many more days until Friday? Was this a flex week? I tried to recall if last week had been short for a reason or because I had taken a ski, I mean, sick day.

I sat down with my back to the door, letting my eyes close. It seemed like only a couple seconds, but it could have been several minutes later when I heard the thump-

ing. I chalked it up to mental exhaustion and let my eyes drift shut again. Then I heard it once more. Someone was purposefully trying to distract me, keep me from working. I heard it again and stood up, stepping into the hall to locate the source. No one else seemed aware of what was going on, but it was on the verge of making me crazy. I checked the office across the hall. If anything was in there, I couldn't see it through the stacks of work.

The thudding renewed itself. There, weaker, coming from the small office down the corridor from mine. I looked in carefully, not knowing what to expect. What I saw was a shock, although not the worst thing I had ever seen. On the floor was one of my

coworkers. His foot, the source of the racket, was near the wall. Apparently, unable to speak, he tried to signal for help the only way he could. This situation was not good. I looked around and saw no one else. I tried to remember last year's first aid/CPR lessons.

Has this ever happened to you? Would you know what to do if an otherwise normal workday is disrupted by a medical emergency? Basic lifesaving techniques are simple to learn yet, promptly applied, can be very effective. This summer, the NAWS China Lake Safety Office is once again presenting a series of courses in Cardiopulmonary Resuscitation (CPR) and Standard First Aid.

These courses not only teach basic lifesaving techniques but also introduce ways to reduce your own risk of heart disease. We plan to present these classes June 9 through August 13. Classes will be offered Tuesdays, Wednesdays and Thursdays only. The four-hour adult CPR courses will be held on Tuesdays, while the eight hour combination CPR and First Aid course will

be presented Wednesdays and Thursdays between the dates specified above. Students will receive American Red Cross certification upon successful completion of the training.

We are unfortunately only able to provide training to our civil service and active duty military personnel this year. Contract employees and other members of the community interested in receiving this training will need to contact the American Red Cross directly for their course information.

Watch *The Rocketeer* for more information on the upcoming CPR/First Aid classes. Sign-up for these classes begins in May. This year we want to keep with our forward vision by not only doing phone-in registration, but also doing sign-ups on-line at the Safety Office web site.

Faithful readers know where that is and have it bookmarked. For the rest of you, the site is found at <http://vulcan/safety/index.html>. Questions regarding this training can be directed to Dena Christison at 939-0729 or Billie Carter at 939-2315.

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April focus is on child care

By John Sims
Child Development Center

April has been distinguished as the month of the young child. Through out the month, adults are encouraged to make an effort to acknowledge childhood and children's rights, consider the needs of children, and more crucial, consider whether or not children's needs are being met. All other 11 months of the year however, have not been given the distinction of "the month of the child," therefore, our society relies upon child care professionals to ensure children are taken care of.

The Family Child Care (FCC) Provider is one such child care professional working as an advocate for children. The FCC Provider is a person who operates a regulated home day care from his or her home. The Department of Defense has established within each branch of the military a regulated program as a quality of life service for military families and DoD employees. Each FCC program is required to follow BUPERS guidelines and undergo an annual unannounced inspection. During the month of March, the NAWS China Lake FCC program participated in the annual inspection and received a rating of 97 percent.

The program at China Lake currently consists of nine certified homes. Scattered throughout both housing areas are nine windows displaying the FCC Certification Emblem. Inside each of these homes there hangs a certificate giving permission from the CO to operate a FCC home. Typed upon each of those nine certificates are the names of the most dedicated, hardworking, determined and (most importantly) loving people employed at NAWS China Lake.

Have you ever met a FCC Provider? As primary care giver of her own children and the children of others, she serves as mother, teacher, disciplinarian, counselor, medic, custodian, accountant and maintenance worker. Awake and ready to begin the day by 6 a.m., the FCC Provider's work day does not always end at 5:30 p.m. The responsibilities of the job require the provider to constantly be ready for anything because predictability is not common place when it comes to the business child care.

It is appropriate to focus on the FCC Provider because she is a constant advocate for children and their rights. A mandated reporter of child abuse, the provider plays a vital role in the safety and well being of not only the children in her care, but all children of the community. A continual student of child development through monthly trainings and a series of training modules, the provider betters herself to ensure the care she provides is beyond adequate.

Colleen Rivers and Sonya Schwager are China Lake providers with the most

seniority. Rivers has been working as a provider for more than five years; three years as a certified FCC Provider at NAWS. Rivers has established notoriety among the children of her neighborhood as a sort of a safe house.

Schwager began her career as a FCC Provider because she enjoyed working, around young children and wanted to supplement the family's income.

Schwager and her neighbor Yayoi Wilson, also a provider, make it a point to create opportunities for social growth and development of the children in their care. When the weather permits, both Schwager and Wilson gather their children in wagons and buggies for a walk to the park for arts and crafts and down-and-dirty playing.

As a young girl, Wilson loved exploring her creative whims, yet she was unable to develop and refine her artistic passions into a career as an adult. Wilson remembers the importance of "creating" during her own childhood and sees her home day care as a way of sharing her joy of art.

Heather Hornback, who is China Lake's youngest FCC Provider, operates the only infant-only home at China Lake. At the age of 20, Hornback works during the day and attends Cerro Coso Community College during the evenings. Working toward a degree in child development, she sees it as a way to support her family and establish her career. Hornback describes her business as "... a very fulfilling job that takes patience, care, skill, and a lot of love. I say love because when you accept a child into your day care, they are coming not only into your home, but into your heart."

Family Child Care is only one example of the choices in quality child care offered to base employees and military families. The Child Development Center offers quality child care for children age 6 weeks to 5 years old. Accredited by the National Association for the Education of Young Children, the CDC offers developmentally appropriate child care in a group setting. For more information about enrollment availability at the CDC call 939-6681.

The Child Development Program also works with the Family Service Center to provide parent education resources for employees of NAWS. If you are interested in enrolling in a lunch-break parenting class call 939-4208.

Take a moment to consider the children in your life. Are his or her needs being met? Does this child participate in a child care program? Is the child care program providing quality care? Are standards set to ensure quality care is being provided? These are minor considerations with major consequences. Whether care is provided through a Child Development Center, a Family Child Care home, or by a family member or friend, it is crucial to ensure the care is benefiting the child as positively as possible.

Child Abuse Prevention Month Proclamation



PROCLAMATION—Capt. John Langford, NAWS XO, and Ens. Jerry Tolley, head of the Family Service Center, proclaim April as Month of the Young Child.

Whereas, child abuse prevention is a community problem and finding solutions depends on involvement among people throughout the community;

Whereas, statistics of children who are abused and neglected escalate each year;

Whereas, the effects of child abuse are felt by whole communities, and need to be addressed by the entire community;

Whereas, effective child abuse prevention programs succeed because of partnerships created among social service agencies, schools, religious organizations, law enforcement agencies and the business community;

Whereas, youth-serving prevention programs offer positive alternatives for young people and encourage youth to develop strong ties to their community;

Whereas, all citizens should become more aware of child abuse and its prevention within the community and become involved in supporting parents to raise their children in a safe, nurturing environment;

Now, Therefore, I, Capt. John Langford, acting CO, do hereby proclaim April as Child Abuse Prevention Month in China Lake and call upon all citizens, community agencies, religious organizations, medical facilities and businesses to increase their participation in our efforts to prevent child abuse, thereby strengthening the communities in which we live.

Capt. John D. Langford

May 8 is Provider Appreciation Day

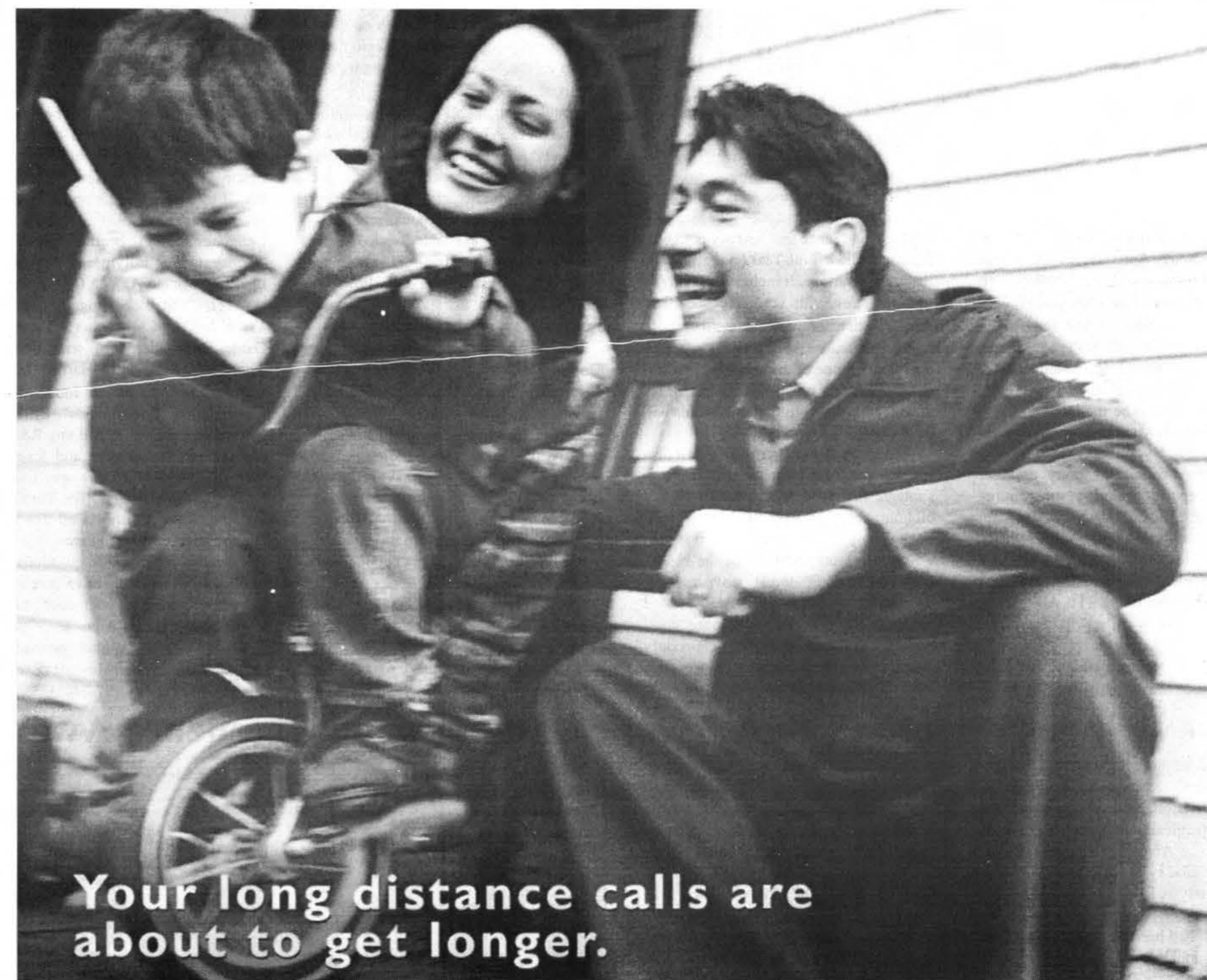
Child care organizations nationwide have joined together to declare Friday, May 8, as Provider Appreciation Day.

National efforts are underway to ask child care organizations, public officials and parents to honor their child care providers for their hard work and dedication to the children. It is estimated that of the 21 million children under age 6 in America, 13 million are in child care at least part time. An addi-

tional 24 million school-age children are in some form of child care outside of school time.

By calling attention to the importance of high quality child care services for all children and families, these groups hope to improve the quality and availability of such services.

For more information call Debra Oliver at the NAWS Child Development Center at 939-6681.



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Tech Library News 'n' Tools

By Cindy Clark

<http://www.nawcwpns.navy.mil/~teclib/>

The NAWCWPNS Technical Library staff is celebrating International Special Librarians Day, Thursday, April 23, with an Open House. New technological developments will be the focus of the library's two half-hour demonstrations, scheduled for 10 a.m. and 1:30 p.m. All Station personnel are invited to attend. Refreshments will be served and door prizes awarded.

Showcased will be the latest in document delivery to your desktop. The recent purchase of Hyperion software now enables the Technical Library to make full-text reports available for printing from your office. "How to" steps for accessing the reports will be covered during both demonstrations. One of the access steps involves using the new WebCat interface to the STILAS catalog. A visual tour of WebCat will be presented.

Specifications and standards have been some of the most sought after infor-

Refreshments will be served Cool stuff at our Open House, April 23

mation by library customers calling the Information HUB desk. The staff is happy to announce that a newly compiled handbook called "Full-Text on the Web" is ready for your use. It includes a listing of Internet sites with complete specifications, standards, forms, data item descriptions, instructions or directives ready to download. Some of the sites will be visited during the open house. Steps for downloading and printing documents will be reviewed.

Attendees at the open house will also get the opportunity to peruse the new strategic thrusts shelf and the individual bibliographies created by library staff. Each person on the reference staff is now a liaison for one or more of the NAWCWPNS strategic thrusts (hypersonics, energetics, TBMD/CMD, embedded training, UCAVs and battlespace engineering). Library staff can efficiently guide project members to articles, reports, conferences, and databases and

help get needed information in a timely manner. During the open house, directions for viewing the new strategic thrust pages on the NAWCWPNS Intranet will be given.

Handouts available will include information on each of the technological tools covered during the demonstrations, bibliographies on the strategic thrusts and researchers, Internet sites and more. Free NAWCWPNS authored books and publications will be available while supply lasts. Your questions regarding computer setups, search strategies and how the library staff can assist you with your research needs will be addressed.

The Technical Library is located in Building 02496, north of Michelson Laboratory. Plenty of parking is available in the north gate parking lot west of Lauritsen Laboratory. Building 02496 is the first beige one-story building next to the gate. These directions are given because a surprising number of people have not been in the library since it moved from Blandy back in the '80s.

Let the library staff show you the multiple magazines, journals, books, reports, databases and services available to help you with your project work or your college degree program.

Most of the tools used to find the information that you need are free.

Whether you prefer to work with print or electronically, library staff will make every effort to supply information to meet your needs.

New materials

The New Books shelf is being added to on a daily basis. Check out some of these recently cataloged titles: "Air and Space Power in the New Millennium" edited by Daniel Goure and Christopher M. Szara; "The C++ Programming Language" by Bjarne Stroustrup; "Concepts of Polymer Thermodynamics" by Menno A. Van Dijk and Andre Wakker; "Database Programming with Visual J++" by Christopher S. Lester with Daniel Brookshier; "Exploring Chemical Analysis" by Daniel C. Harris; "Infrared and Raman Spectra of Inorganic and Coordination Compounds" by Kazuo Nakamoto; "Jane's US Military R&D" by Christopher C. Bolkom and Joseph A. Tatman; "JAVA 1.1 Developer's Guide" by Jamie Jaworski; and "The Tom Peters Seminar: Crazy Times Call for Crazy Organizations" by Tom Peters.

For answers to quick questions, help with in-depth research, or to have materials guard mailed to your code, call the Information HUB desk at 939-3389 (DSN 437-3389); e-mail messages to tech_lib@imgdw.chinalake.navy.mil; or fax 939-2431 (DSN 437-2431).

Dave Brindeiro receives Research and Engineering Excellence Award

According to Scott O'Neil, head of the Systems Engineering Division, when David Brindeiro, an electronics engineer from the Performance Analysis Section, assumed the responsibility of performing safe separation analysis for the Sidewinder AIM-9X Program, it was a major challenge. This work had been performed by a reputable local contractor up until May 1997.

"He not only met this challenge," wrote O'Neil in Brindeiro's nomination letter for a Research and Engineering Excellence Award, "but in the process discovered and corrected serious errors in the computer code used to perform probability-of-hit and probability-of-kill calculations for both U.S. Navy and Air Force aircraft."

Brindeiro was presented with the R&E Excellence Award from the Director of R&E Sterling Haaland on Feb. 24. "Your dedication to technical excellence has contributed to recovering core scientific and engineering work for the Weapons Division," said Haaland. "And your continued support will enable us to maintain our expertise in this critical area."

"I'd like to thank all the people involved on this team," said Brindeiro. "Especially John Brown and Fran Rogers for having faith in me to come through."

Sidewinder, Sparrow and other air-to-air missile safe-escape analysis for Navy aircraft had been contracted out for several years. Then in May, a delivery order for AIM-9X safe-escape analysis was

examined by personnel of the Systems Engineering Division to see if work could be performed in house.

The Performance Analysis Section agreed to accept this task, and the work was assigned to Brindeiro. "Because I was new and didn't know what I was doing," explained Brindeiro, "I actually went in and looked at the code to see what data input was expected. And that's how I discovered the warhead data expected by the program did not match up with what was in the existing data files."

"There was apprehension in the program office over cost, schedule and technical performance," wrote O'Neil. "Especially when the work was taken from an experienced contractor. However, David's exemplary analysis skills and tenacity in problem solving soon allayed all concerns about the government's ability to perform the task."

Brindeiro quickly learned how to use the advanced safe-escape program explained O'Neil. "In the course of his analysis he began observing anomalous output," he said.

Brindeiro then began to examine internal models within the program and discovered that incorrect data input instructions had caused the contractor to use a Sidewinder warhead model that lacked 30 percent of the fragments that the actual warhead produced. He also discovered the computing interval was too large when modeling high speed air-to-air missiles. And the vector computation of fragment volumes in space around



Photo by TID

AWARD—Dave Brindeiro (second from right) was congratulated on his Research and Engineering Excellence Award by Executive Director Sterling Haaland, Scott O'Neil, head of the Systems Engineering Division and Karen Higgins, head of Weapons/Targets Department.

the warhead did not test for negative volumes that could lead to erroneous probability-of-kill calculations. Also, some program variables were not being passed from the main program to subprograms correctly.

After these corrections were made, the data required by the Weapon System Safety Board was produced ahead of schedule.

"If David had not assumed responsibility of the task," O'Neil added, "the government and contractor would have been oblivious to the flaws in the

advanced safe-escape program input and computer code and could have accepted questionable safety data. His technical competence and ingenuity has led the other air-to-air missile projects to use his expertise and to regain a core in-house capability in modeling and simulation."

Brindeiro added that he'd like to thank Scott O'Neil for giving him the opportunity to work on this project. "This is one of the best projects I've worked on," he said, "the people working on this safe-escape for Sidewinder are some of the best the base has to offer."

Aerial target launch ship: A cure for pilots 'video game syndrome'

By Teri Reid
Point Mugu Public Affairs Office

A unique naval asset just completed a 5,500 mile journey from Mississippi to Point Mugu. The Aerial Target Launch Ship (ATLS), sways silently in the waters at the Port Hueneme naval base docks, its low-slung 260-foot frame gleaming white next to the rusty gray hulls of the other target ships.

"ATLAS" as the ship's acronym is pronounced, is NAWCWPNS's newest contribution to Navy weapon test and evaluation. It is the Navy's only remote-controlled dedicated launch platform for aerial targets. Over the next 14 months the ship will be outfitted with an onboard control system to provide the link between the ship and the sea range. Several designated target systems will be installed to allow launches of multiple targets. Once fully operational, ATLS will provide Navy sea range testing with a flexibility and threat realism not currently available.

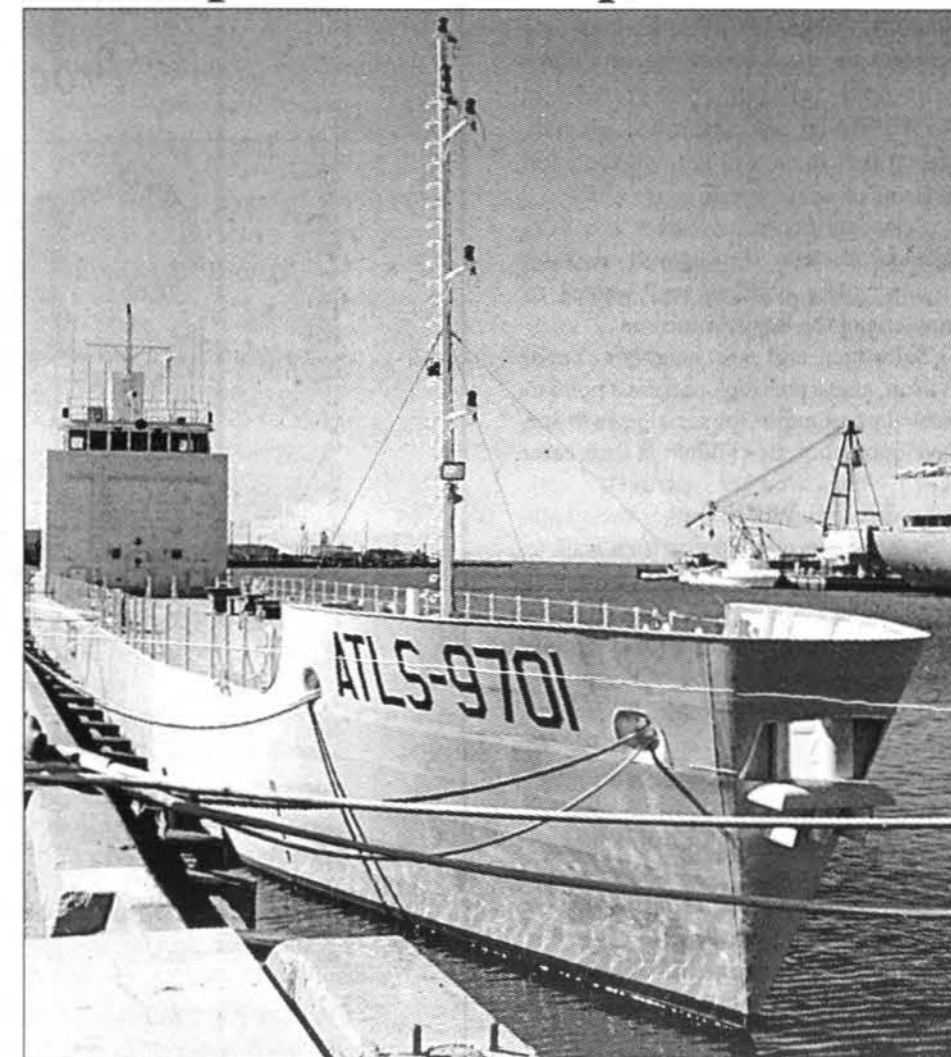
The ship was designed by NAWCWPNS under the direction of Jeffrey Blume, head of the Surface Targets Division. ATLS' development follows a natural evolution from another Weapons Division asset, the Mobile Ship Target (MST). When the federal government put a halt to using decommissioned naval ships as targets, NAWCWPNS responded by designing a target ship that was relatively inexpensive, environmentally friendly, survivable and threat realistic. MST, also one-of-a-kind, was designed and engineered by the Weapons Division.

"It's one of the most cost-effective targets we have in terms of cost per impact," Blume said. "It's relatively cheap and easy to fix."

It was during MST's construction that the possibility of building a sister ship for use as a launch platform was examined.

"We started looking into alternative uses for the hull form, because it is a very effective form, cheap to build," said Blume.

After funding was provided by the Office of the Secretary of Defense, a \$3.6 million contract was let to Halter Marine Industries in Mississippi in October 1996. ATLS was built to the same specifications



ATLAS—Is the Navy's only remote-controlled dedicated launch platform for aerial targets. It is located at the Port Hueneme naval base docks.

as the MST — 260 ft long, 26 ft. beam, with a clear deck to allow for a variety of target installations. The ship is self-propelled to 14 knots. There are no messing areas or crew quarters. The ship was designed for one purpose — to provide an enhanced capability for target test and evaluation.

Plans are to install aerial target systems MQM-8G(ER) Vandal, BQM-74 and BQM-34. "There are some modifications that have to be done to the BQM launch mechanisms and launch cradle in order to do full remote launches," Blume said. "But the potential start date for launches could be as soon as first quarter FY99."

A typical operation would involve towing the boat out of the harbor with a small crew and the launch team onboard. Once in the testing area and the pre-launch

checks are done, control of the ship and the launch is transferred to the Range Control Center at Point Mugu. The crew disembarks to another boat, leaving the ATLS on remote control to complete the test exercise. It will be fully remote-controlled from Building 53 through Laguna Peak. Plans are to work a capability into the onboard control system to allow control of the ship through satellite systems. This would allow it to be used at other sea ranges on a cost reimbursable basis.

According to Blume, there are two advantages the ATLS holds over similar naval test platforms. Specifically, it will allow for the launch from undisclosed sites of aerial targets. Currently when a test launch occurs from San Nicolas Island, the shooters have a general idea where the targets are coming from. Threat

realism is somewhat hampered.

"It's called 'video game syndrome,'" explained Blume. "If your kid plays video games long enough he'll know when the bad guy is going to pop out on the screen. That's what can happen on ranges. One of the advantages of remotely launching an aerial target is that you can launch it anywhere on the range and the shooters just know that there's a threat out there, they don't know where it's coming from."

Another advantage is the flexibility offered by an unmanned launch platform. Both the MST and the ATLS can be used in the weapons hazard pattern of the shooting weapon. Being remote-controlled and unmanned allows the test scenarios to be more threat realistic without putting any people at risk. With a multi-compartment floodability, both ships are designed with survivability.

"The Aerial Target Launch Ship fits well within the Strategic Plan," Blume said. "Both the MST and ATLS are the only one of their kind in the world."

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United Defense

DRMO's auction 44-8504 is set for Tuesday, May 5

Local Auction 44-8504 will be conducted by the Defense Reutilization and Marketing Office at China Lake on Tuesday, May 5.

Bids will be accepted electronically over the World Wide Web. Fax bids and bids dropped off at the sale site will be accepted until 9 a.m. May 5.

All bids after 9 a.m. will be considered non-responsive. Items will be on display for inspection April 29, 30 and May 4 from 7:30 a.m. through 3 p.m., and on May 5 from 7:30 through 9:30 a.m. A complete list, as well as sales terms and conditions can be seen at the DRMO in Building 1073. DRMO will be closed on

Friday, May 1.

Catalogs are available either by fax at 760-939-0162 or at www.drms.dla.mil. Click on Public Sales, then catalogs, then store locations.

Among the 300 items to be offered will be generator sets, pumps, electric kilns, do-all grinder, household refrigerators and gas ranges, fuel truck, filing cabinets, oscilloscopes, power supplies, shop vacs, computers, monitors and printers.

Registration for this sale will begin April 29 and continue until the last item is sold.

Mailed bids will not be accepted. Items purchased may be removed on the sale

date provided full payment is made. Deposits are not required.

Payment must be in cash or a guaranteed instrument, i.e. cashiers check, travelers check or money order. Visa and Mastercard will also be accepted. Purchasers will have until May 12 to pay for and remove items.

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

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

management of complex naval aircraft avionics/weapons integration projects, such as avionics integration, weapons integration, OPF software development, and T&E integration. **DAWIA Quality-Ranking Factor:** Ability to meet the DAWIA mandatory training, experience, and education required for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field (Category S) in accordance with DOD Manual 5000/52M within 18 months of entering the position. Selectee must be able to obtain and maintain a Secret clearance. Full performance level of this position is DP-4. **Note 4 applies.**

No. 473-019-RP8, Engineering Technician, DT-802-3, Weapons/Targets Department, Airframe, Ordnance and Propulsion Division, Energetic Materials Branch, Ordnance Engineering Section, Code 473440D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake, CA. **Opening Date:** 4-16-98. **Closing Date:** 4-30-98. **Selecting Official:** Ron Jones, (760) 927-2995. **HRD Contact:** Bob Peoples/Julie Rodriguez, (760) 939-8120/939-2693. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Duties will include serving as the project director on the Non-Toxic Hypergolic Energy Conversion Program (NTHECP) as well as other ordnance-related program duties as assigned. As NTHECP program engineer, performs the following: provides overall technical direction to other engineers and technicians assigned to the project team; assures that quality hardware and energetic materials products are produced, tested, and documented consistent with defined budgets; prepares proposals, plans (including milestones and budgets), and status reports and presents these materials to on- and off-Center management and sponsors; works closely with and coordinates the efforts of on-Center management, contractors, and multiple sponsors to assure that NTHECP expectations are met, consistent with program plans/objectives. The incumbent must be knowledgeable and experienced in both general and specific areas of fuzing, safety/arming systems, and ignition/initiation systems on a wide variety of weapon components and systems, including aircraft guns, gun ammunition, rocket/missile propulsion systems, warheads, and fuzes. Using this intimate knowledge of the function and configuration of specific ordnance items, the incumbent will perform failure analyses in connection with Fleet service and production-related incidents/mishaps, as well as produce design improvements as part of formal product improvement programs. Must be able to conceive, analyze, design, fabricate, and test prototype hardware and related materials required in the execution of a program. This will include the use of precision machine shop equipment to produce test items and prototype materials. The incumbent must be skilled in the use of typical desktop computer systems and software applications to produce planning documents, program reports/documentation, and presentation materials. Will serve as a Firing Officer at the Detonation Mechanics Laboratory, the Thermal Research Laboratory, and the Ballistics Test Laboratory. **Quality-Ranking Factor:** Ability to plan,

organize, coordinate, and manage ordnance-related programs that will lead to safe and affordable research, development, and evaluation of experimental/prototype/production warheads and propulsion systems. The incumbent must be able to obtain and maintain a Secret clearance. Promotion potential is to the DP-3 level. **Notes 1 and 4 apply.**

No. 473-020-RP8, Senior Office Manager, DG-303-3, Ordnance Evaluation Project Office, Airframe, Ordnance, Propulsion Division, Code 473A60D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake, CA. **Opening Date:** 4-16-98. **Closing Date:** 4-30-98. **Selecting Official:** Carl C. Halsey, (760) 939-7203. **HRD Contact:** Julie Rodriguez, (760) 939-2693. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is responsible for collecting, filing, and transmitting project proposals and reports; arranging meetings for proposals, evaluations, and project reviews; preparing presentation materials; and responding to outside requests for information. The incumbent must respond to requests from Project Office sponsors and program participants representing various Navy organizations, Department of Air Force, Department of Army, and other government and industrial organizations. The incumbent must demonstrate initiative, discretion, and independent judgment in making decisions. Other responsibilities include receiving calls and distributing messages; processing timesheets, purchase orders, visit requests, and communication services requests; making travel arrangements for members and their visitors; composing original correspondence and reviewing all office correspondence for format, grammar, and content; maintaining calendar for Project Manager; and prioritizing workload to meet rapidly changing requirements. **Quality-Ranking Factor:** Knowledge of composing correspondence and preparing technical reports for an ordnance evaluation project office. The incumbent must be able to obtain and maintain a Secret clearance. Promotion potential is to the DG-3 level. **Note 1 applies.**

DOD/ALL APPOINTABLE PERMANENT CIVILIAN EMPLOYEES

No. NSC300003R, (2) Satellite Manager, GS-301-11, Naval Satellite Operations Center, Operations Directorate, Satellite Operations Department, Satellite Operations Control Division, Code NSOC300—Area of Consideration: All appointable permanent civilian employees of the DOD. **Opening Date:** 4-16-98. **Closing Date:** 5-14-98. **Selecting Official:** T. Nassif, (805) 989-3226. **HRD Contact:** Rosalie Sommer, (805) 989-3231. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides satellite operations and ground-station control support for NAVSOC in the areas of satellite command and control, computer operations, telemetry analysis, satellite power, thermal, altitude, timing, and communication systems.

Performs satellite command and control, computer operations, and high-level telemetry analysis. Administers comprehensive satellite operations and ground-station control procedures and systems. **Quality Ranking Factors:** (1) Ability to provide support to a wide spectrum of satellite and ground-support equipment; (2) ability to operate computers.

NATIONWIDE/CURRENT APPOINTABLE CIVILIAN DOD EMPLOYEES

No. 850040-TW8, (1) Supervisory Firefighter, DG-081-05, Shore Station Management, Air Operations Department, Crash/Structural Branch, Code 854000E—Area of Consideration: Current appointable civilian DOD employees Nationwide. **Opening Date:** 4-16-98. **Closing Date:** 5-14-98. **Selecting Official:** Lcdr. Brunet, (805) 989-7041. **HRD Contact:** Theresa Whipp, (805) 989-3238. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent is the Assistant Fire Chief and the immediate supervisor of one of two platoons of personnel (a platoon works a shift of 24 hours on and 24 hours off) under the Fire Division and is responsible for its actions during fires and emergencies. The incumbent commands firefighting companies at structural and aircraft crash scenes and is second in command of the Fire Division, assuming the position of Acting Fire Chief in the Fire Chief's absence. In addition, the incumbent performs technical supervision of one battalion chief, one station chief, and one crash chief. Technical supervision consists of generating daily work assignments; making changes to work schedules; ensuring adherence to Division policies, procedures, rules and regulations; and assisting in all matters where the operational efficiency of the Division may be affected. **Quality-Ranking Factors:** (1) Knowledge of a wide range of concepts, principles, and practices in fire protection requirements; (2) ability to supervise through subordinate supervisors.

SOUTHERN CALIFORNIA/CURRENT APPOINTABLE CIVILIAN FEDERAL EMPLOYEES

No. NARS-016-SE8, (1) Resources Assistant, GS-303-06/07, Navy Representative, Western Pacific Region, Worldway Postal Center, Los Angeles, California—Area of Consideration: Current appointable civilian federal employees within Southern California. **Opening Date:** 4-2-98. **Closing Date:** 4-30-98. **Selecting Official:** Lt. Col. Terry Hamilton, (310) 725-3904. **HRD Contact:** Susan Ellis, (805) 989-3319. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** At the target level, the incumbent serves as the liaison between the Navy Representative (NAVREP) and dignitaries in all phases of aviation. When emergencies occur, determines whether to contact the NAVREPs or take action in his/her absence. Review airspace dockets in suspense to ensure that Navy operations are not jeopardized by

delays in the NAVREP's absence. Authorized to prepare and sign correspondence for the supervisor, ensuring that all technical or policy statements are in accordance with those of the NAVREP. Initiates travel arrangements, briefs the supervisor, and provides a type itinerary including alternate flights. Prepares the annual budget for NAVREP approval. Performs administrative duties for the NAVREP, which include schedule control, making appointments for conferences, and arranging for representation by subordinates when necessary. **Quality-Ranking Factors:** Ability to provide office management/ADP support in a Federal Aviation Administration work environment.

REASSIGNMENT

No. 41-008-RF8, Interdisciplinary (General Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/1310/1515/1520/1550-4, Systems Engineering Department, Systems Engineering Management Division, AH-1W IPT, Code 41140HD—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake, CA. **Opening Date:** 4-16-98. **Closing Date:** 4-30-98. **Selecting Official:** Roy Harmon, (760) 939-5678. **HRD Contact:** Robert Fitzpatrick, (760) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** As the AH-1W IPT chief engineer, this position is responsible for all aspects of assigned life-cycle technical support for the AH-1W weapon system. The position receives programmatic direction from and is directly accountable to the AH-1W IPT Leader for cost, schedule, and performance requirements for the AH-1W. IPT post-deployment support products include new system capabilities (e.g., major upgrades), fire control/targeting system upgrades, and integration of new technologies, as well as coordination with common avionics, trainers, and ground-support engineering activities. Duties include serving as the Deputy AH-1W Lead at the Naval Air Warfare Center Weapons Division; planning, controlling, evaluating, and coordinating the technical efforts of diverse functional task teams, multi-disciplinary product teams, and systems integration teams needed to satisfy customer requirements; developing plans and schedules with defined milestones and metrics for assigned AH-1W tasks; monitoring, cost, schedule, and performance and taking corrective actions as needed. Selectee must meet the DAWIA mandatory training, experience, and education required for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Acquisition Professional Corps (APC) membership is a qualification requirement, and a potential selectee must either be a member of the APC or become an APC member prior to assignment. Selectee must be able to obtain and maintain a Secret clearance. The full performance level of this position is DP-4. **Note:** Interested candidates should send an updated application directly to Roy Harmon, Code 411400D.



NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

TRAINING COURSE SCHEDULE

This issue of the NAWC Announcements includes an additional four-page Spring and Summer Training Course Schedule. Please retain this section for further reference. Information on pages 7B and 8B is in support of the NAWCWPNS Workforce Management Initiative.

WINTER SECURITY REFRESHER AVAILABLE

The Winter 1998 Security Refresher is now available on the NAWCWPNS Intranet. This refresher is required for all employees who have a security clearance. The web site address has changed to

<https://vulcan.chinalake.navy.mil/security>.
Note: Use https and not http.

If you have problems accessing the refresher, notify your system administrator. If you still require assistance, contact Jim Pinnell at 939-2079.

F/A-18 OAG DEBRIEF SET FOR 21 APRIL

An F/A-18 Operational Advisory Group (OAG) debrief will be held on **21 April** at 1300 in Room 20108 of Mich Lab. The debrief, to be given by Maj. Martin Rollinger, will summarize the priority items covered at the recent OAG. All interested personnel are invited to attend. This overview will give technical personnel insight into the problems and priority areas of concern by the Fleet in the F/A-18 program.

Seating is limited, so interested personnel are encouraged to make reservations by contacting Elaine Jahns or Marci Burnett via e-mail with their name and phone number. Direct questions to Terry Mangrum at 939-8955 or Cdr. John Kindred at 939-1472, or by QuickMail.

DIFMS ISSUE PROCESS REPRESENTATIVES

With any new system, such as DIFMS, there will be glitches. Therefore, we have created a DIFMS issue process, which is designed to provide you, the user, with a forum. You will be able to both present problems and assist with decisions for DIFMS-related issues. To facilitate the process, contact the representatives within your organization first.

Each competency will have a single representative who will act as a central point of contact. These members comprise the User Advisory Group (UAG). Representatives will receive Consensus Board schedules and packages and distribute them to their organizations.

UAG REPRESENTATIVES AND ALTERNATES

Jack Foss	45D000E	989-7535
Laurie Saikin	4D0000D	939-6072
Jack Murray	472G70D	939-4691
Robin Nixon	411300E	989-3771
Pete Romanski	82D000D	939-0837
Alan Karty	240000D	939-0837
Patty Carrillo	362300E	484-6295
Marsha Robertson	311200E	484-6396
George Spencer	88B000E	989-9812
Deborah Garcia	85D000E	989-8547
Kathy Schwartz	72D000E	989-4733
Terry Rowell	711000D	939-2836
Linda Pettit	76C000E	989-8997
Kathy Topper	76C000D	927-3545
Martine Mason	56D000E	989-0195

DIFMS NEWSLETTER

The DIFMS Newsletter "Let's Discuss..." is distributing a new issue every 4 to 6 weeks. The third issue was put on both the DIFMS server and the DIFMS website on **2 April**. There are also two other issues in both locations. All issues will be available in this manner.

NAWCWPNS WORKFORCE MANAGEMENT INITIATIVE

1. We are pleased to announce the stand up of the Workforce Management Enterprise Team (WMET), with Mr. Jim Kneppshield as the Program Manager. WMET members are listed below. The mission of the WMET is to provide managers and supervisors with resources and tools for workforce management, and to provide employees with developmental and employment opportunities, both internal and external to NAWCWPNS.

2. The WMET has already initiated several efforts. These include: orchestrating job opportunities outside NAWCWPNS (e.g., CTA Year 2000, Federal Aviation Administration); expanding Career Transition Centers at China Lake and Point Mugu; improving employee and supervisory/management skills; and providing better management tools for analyzing the workforce skills balance. Future WMET activities and opportunities will be regularly publicized through the Rocketeer and Missile, a NAWCWPNS Web site, and other forms of all-hands communication.

3. All of us -- corporate management, first line and mid-level supervisors, and employees -- must take on the challenge of seeking out and making the changes necessary to ensure a healthy future for the NAWCWPNS organization and workforce.

a) Corporate leadership must provide strategic direction and strongly support ventures into new business areas.

b) Competency managers must assess and adjust their workforce skill mix to meet the changing requirements of both our financial challenges and our new ventures, and they must communicate these new requirements to their employees.

c) First line supervisors must provide job and career guidance to employees, and they must encourage employees to explore options for career change.

d) Employees must seek out resources and opportunities, and be open to making job changes, developing new skills, and even transitioning to new careers.

4. By taking charge of our jobs, our careers, and our organization now, we ensure a better future for the Naval Air Warfare Weapons Division corporation as a whole and for each of us as individuals. We ask each of you to join us in this challenge.

STERLING HAALAND
Executive Director

RADM RAND FISHER
Commander

WORKFORCE MANAGEMENT ENTERPRISE TEAM (WMET) MEMBERS

Name	Team Function & Role	Code	Phone
Jim Kneppshield	Program Manager	4JA000D	939-8570
Col William Bain	DRMB Sponsor	4A0000D	939-6603
Eva Bien	Human Resources Management	730000E	939-2434/989-3271
Karen Buehler	Communications Manager	76C000D	939-3109
Bryan Hill	Corporate Operations	7F0000D	939-5975
Don Hilliard	Mid Level Supervisor/Manager	471430E	989-9370
Dr. Neil McCarthy	Corporate Reserve (ATP) Program	529100E	989-9201/939-4882
Ron Rogers	Human Resources Management	733000E	989-3997
Terry Mitchell	Organizational Development Advisor	00AC00D	939-2534
Debby Young	First Line Supervisor/Superv'y Network	331000E	989-6576

There are also "DIFMS Overview Training" videos with accompanying training manuals available for your viewing pleasure at both China Lake and Point Mugu. Your contact at China Lake is Patti Patin, who can be reached at 939-2797 (DSN 437-2797). Your contact at Point Mugu is Patti Vaughn, who can be reached at 989-8997 (DSN 351-8997).

You can now also access the "DIFMS Overview Training Manuals" electronically on the DIFMS Server. The path to the server is:

Using a Mac: Select Chooser under the Apple; Select Apple Share; Zone: Select CL HQ; Server: Select DIFMS; Log on as a guest; When the DIFMS Server Icon appears on your desktop, double click on it; Select the Library;

Folder; Select the Training Folder; Select DIFMS-154, DIFMS Student Guide

Using a PC: Select Network Neighborhood; Select: Entire Network; Select: CL HQ; Select DIFMS.

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

The NAWCWPNS Announcements and Human Resources Department Information are published by the PAO on the Thursday before payday. Copies of the insert are provided to the Albuquerque and White Sands sites. Personnel at China Lake, Albuquerque, and White Sands may send items for the Announcements to Code 750000D, Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796) or via QuickMail (CL NAWC WIDE NS name server in the CL MAINSITE zone). Personnel at Point Mugu may send items for the Announcements Section to Code 750000E, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-1785). Items included in the Human Resources Department Information Section are provided by the Civilian Personnel Division, Employee Development Division of the Human Resources Department. **The deadline for all submissions is Wednesday at 1700.8** working days prior to the alternate Thursday publication date. **Note:** All inputs MUST include the sponsor's code and phone number. Any questions or issues pertaining to this insert may be addressed to Ron Rogers at 989-3997 (DSN 351-3997), FAX 989-9846 (DSN 351-9846).

CHINA LAKE

CALIFORNIA APPROVED MOTORCYCLE RIDER COURSE

A free Motorcycle Safety Foundation course will be offered at China Lake on 11, 12, and 13 May on a first-come basis. Class size is limited. Students must provide their own motorcycle.

To obtain further information and enroll, contact Bill Lyons at 927-1381.

JOB FAIR

The NAWS Family Service Center, 810 Blandy, will be hosting a Job Fair on Tuesday, 12 May from 1000 to 1500. If you plan to attend, bring your resume. The following agencies are confirmed, and we anticipate that others will be there: Remedy Intelligent Staffing, Riverside; Wasco State Prison Reception Center; Lockheed, Palmdale; California Highway Patrol; CR Briggs Corp.; Primerica Financial; Schneider National Carriers, Inc.; Chromalloy Nevada; Sheriff's Office, Flagstaff, Arizona; Employment Development Department, Ridgecrest; Tracor; CTA; Raytheon; MGDL Recruiting; Day and Zimmerman; Temporary Agencies; U.S. Army Recruiters; Army National Guard; Human Resources Department; and MANTECH International Corporation.

Federal employees, with supervisory permission, are encouraged to attend.

For more information, call 939-0966 or 927-1545.

CONSTRUCTION HOTLINE AVAILABLE

The Construction Contracts Division has a new hotline for complaints about construction contractors. If you experience any problems with construction contracts on Center, call 939-4412 and leave a message.

PLAQUES AND AWARDS

An anticipated 250 people will be leaving China Lake and Point Mugu in May with the next VSIP/VERA. To ensure that your award requests are met in a timely manner, submit them to the Exhibits and Awards Section (Code 474500D) of TID as early as possible. If you have questions, call 939-0951 or 939-2578.

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

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

BARCODED EQUIPMENT DISPOSAL (WAREHOUSE 41) INFORMATION

The hours of operation to turn in excess barcoded equipment at Warehouse 41 are:

Tuesday, 0800-1500—Turn in equipment; appointment only

Monday, Wednesday, and Thursday, 0800-1100—View available equipment; no appointment necessary
Non-Flex Friday—Closed

The next available date for turning in excess equipment is 2 June. To schedule an appointment, call 939-2101.

CHANGES AT THE HUMAN RESOURCES DEPARTMENT

Employees who come to the Human Resources Department (HRD) at China Lake will find that some changes have been made in where they need to turn in job applications, obtain benefits forms, and check out the bulletin boards for jobs. They will also find some difference in the processes for changing benefits and working with PMA teams on matters relating to Human Resources. Due to downsizing, HRD is closing what has been the "one-stop shopping" place in the building, Room 100. However, that doesn't mean services formerly obtained in Room 100 will not be available—just obtained a little differently.

You will now find the box to drop job applications for on-center positions or positions at other NAWCWPNS sites, in addition to health insurance forms and other benefits brochures, in Room 114. All job announcements formerly posted in Room 100 will be moved to the Career Transition Center in the Training Center. The Job Telephone Line will no longer be available. You can check the *Rocketeer*, the *Missile*, Career Transition Center, HRD Website (www.hrd-mugu.mugu.navy.mil/hrd/), and the Employment Development

HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) TRAINING

The HAZWOPER classes are being administered by Cerro Coso Community College in cooperation with the Naval Air Weapons Station China Lake.

These classes meet the requirements established by 29 CFR 1910.120. The intended audience consists of first-response personnel, hazardous waste operations personnel, and their respective managers.

Class Dates and Times

Class #1	
Monday, Wednesday, and Friday	1800-2200
Saturday	0730-1630
Starting Date	27 April
Ending Date	9 May

Class #2	
Monday-Friday	0730-1630
Starting Date	22 June
Ending Date	26 June

Enrollment Fee: \$26

Note: The cost of reproducing the student manual is approximately \$75. NAWS personnel can reproduce the student manual at Defense Printing Services.

Minimum Enrollment: 25 students.

Location: Courses may be scheduled in a classroom on Center. Instructor will need some outside space for scenarios. Cost per student is based on classroom being provided without rental costs.

College Credit/Certificate: Students will receive a completion certificate at the end of the course and units of college credit.

For further information, contact Odessa Newman-Staples at 927-1529.

RETIREMENTS AND FAREWELLS

DARYL H. KILGORE

Daryl H. Kilgore is retiring after 34 years of federal service. A retirement luncheon will be held in his honor at Farris' at the Heritage on 23 April at 1100. A buffet including chicken caesar, beef scaloppini, spaghetti marinara, zucchini with corn, green salad, garlic bread, and tea or coffee will be served for \$9.50, including gratuity. For tickets, donations, or presentations, contact Mary, Kim, or Bob at 939-5383 or 939-4212 by 16 April. Tickets can be picked up at Hangar 3, Airfield, Room 3255.

SAMMIE (SAM) TREECE

Sammie (Sam) Treece, Recycling Branch (Code 826200D), is retiring after 36 years of federal service. A retirement party will be held in his honor at Texas Cattle Company on 8 May at 1800. For reservations, gift donations, and presentations, contact Mary Lou Hernandez at 939-9539 or Linda Beach at 939-2997.

SAMMIE "RFO" FORD

Sammie R. Ford, Land Range Air Operations Section (Code 521130D), is retiring after 33 years of federal service. A retirement dinner will be held in his honor at the Elks Lodge on 15 May. Doors open at 1800. Beer is on the house and a deep-pit barbecue dinner will be served, in addition to a no-host bar. Dress is casual. To purchase tickets, make a gift donation or a presentation, contact Leslie Brown at 939-6883 or Rob Kruse at 939-6814.

RUTH WESCHE

Ruth Wesche, Code 7GB000D, is retiring after 11 years of federal service. A retirement luncheon will be held in her honor at John's Pizza on 21 May at 1115. The High Noon Special will be served. For reservations, gift donations, and presentations, contact Linda Salsar at 939-2304 by 14 May.

FREDDIE PERRY

Freddie Perry, Engineering Sciences Branch, will be retiring after 26 years, 8 months, and 22 days of federal service. A retirement luncheon will be held in her honor at Farris' at the Heritage on 2 June. Quiche Lorraine and an herb chicken buffet will be served for \$10 per person, including tax and gratuity. For reservations, tickets, gift donations, and presentations, contact Maryann Hiser at 939-1122 or Cathy Smith at 939-2206.

LIZA DIMARANAN

Liza Dimaranan, Engineering Sciences Branch, will be leaving federal service after almost 7 years to go back to school. A retirement luncheon will be held in her honor at La Pasta Grill on 22 May. Lunch will be served off the menu. To make reservations and gift donations, contact Maryann Hiser at 939-1122, or Cathy Smith at 939-2206.

TOM BOYD

BILL ERWIN

Tom Boyd and Bill Erwin, Technical Information Department (Code 474500D), are retiring after over 60 years of combined federal service. A retirement luncheon will be held in their honor at Farris' at the Heritage on 28 May at 1130. A turkey-and-ham lunch buffet will be served for \$9.50 per person, including tax and gratuity. For reservations, tickets, gift donations, and presentations, contact Sue Dunker at 939-2671, Ramona Bernard at 939-3740, or Kim Koch at 939-0758.

ROBERT "BOB" REBER

Bob "Bubba" Reber, Exhibits and Awards Branch (Code 474500D), is retiring after 28 years of federal service. Join us for "Reber's Retirement Rendezvous" at the Elks Lodge on 29 May. The no-host bar will open at 1800, with a buffet Mexican dinner catered by Santa Fe Grill at 1900. Tickets are \$12; dress is casual. To purchase a ticket, make a gift donation, or "get Bob's goat," contact Patti Horton at 939-0951 by 22 May.

Department Office in Ridgecrest for jobs formerly advertised on that line.

If you need to make changes to any of your benefits (life or health insurances, Thrift Savings Plan, etc.) or talk with your PMA team about any Human Resources matters, you must make an appointment with them. This will ensure that the PMA or assistant is available and will provide them ample time

to gather necessary information for a productive meeting. If you don't know how to contact your PMA Team, call Sunny Trenholm at 939-3407.

HRD hopes our customers understand the need for these changes. We look forward to continuing to serve the NAWCWPNS workforce.

CIVILIAN PERSONNEL DIVISION NEWS

MERIT PROMOTIONS

CHINA LAKE

No. 82-115-PW8, Temporary Position Not to Exceed 1 Year for Supervisory Police Officer, DG-083-3, NAWS Safety and Physical Security Department, Police (Physical Security) Division, Police Operations Branch, Code 841300D—Area of Consideration: China Lake. **Opening Date:** 4-16-98. **Closing Date:** 4-23-98. **Selecting Official:** Will Levy III, 939-2709. **HRD Contact:** Shirley Hauser, 939-2883. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent performs duties as a first-line supervisor in the Police Operations Branch. Duties include supervising the performance and actions of patrol officers, ensuring that all investigations handled by patrol units are properly conducted, and functioning as Watch Commander in his/her absence. **Quality-Ranking Factor(s):** (1) Technical Ranking Factor: Ability to influence and motivate others and function as a team player. (2) Supervisory Ranking Factor: Knowledge

of affirmative action principles, including a willingness to implement EEO practices. **Notes 2 and 3 apply.**

POINT MUGU/CURRENT APPOINTABLE CIVILIAN NAWCWPNS EMPLOYEES

No. 8800-74-TW8, (1) Distribution Facilities Specialist, GS-2030-7, Shore Station Management, Weapons Department, Ordnance Accounting Branch, Code 881100E—Area of Consideration: Current appointable civilian NAWCWPNS employees at Point Mugu. **Opening Date:** 4-16-98. **Closing Date:** 4-24-98. **Selecting Official:** Gregory Wefel, 989-8659. **HRD Contact:** Theresa Whipp, 989-3238. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent provides ordnance logistics support, which includes requisition, procurement, physical receipt/issue, and identification of all ordnance items. The incumbent also provides verification of ordnance inventory records utilizing the Retail Ordnance Logistic Maintenance System

(ROLMS). Serves as the ROLMS administrator and the Automatic Data Processing System Security Officer. Also provides technical support requiring application of system-wide knowledge of supply programs or operations and maintains documentary and inventory control of all ammunition, explosives, and classified ordnance. **Quality-Ranking Factors:** Ability to provide, operate, and maintain document and inventory control of all ammunition and classified ordnance.

OXNARD PLAINS/CURRENT APPOINTABLE PERSONS

No. 830-18-JS8, (1) Automotive Transportation Specialist, GS-2150-11, Shore Station Management, Command Officer, Public Works Department, Transportation Division, NAWCWPNSDIV, Point Mugu, Code 839000E—Area of Consideration: Current appointable persons on the Oxnard Plains. **Opening Date:** 4-16-98. **Closing Date:** 4-30-98. **Selecting Official:** O. Holder. **HRD Contact:** Julie

Simental. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is responsible for managing transportation assets in several equipment categories, including automotive, construction, firefighting, mobile weight-handling and materials-handling equipment. Types of equipment are sedans, buses, trucks, carryalls, station wagons, vans, tankers, trailers, fire/crash trucks, tractors, graders, street sweepers, dump trucks, dozers, air compressors, generators, welders, forklifts, mobile cranes, and various types of specialized equipment. In managing these assets, the incumbent establishes procedures and systems for monitoring the equipment to maintain accurate statistical records concerning receipt, accountability, utilization, transfer, acquisition, disposal, and maintenance cost. Gathers and formulates data for preparation and submission of various reports that are due monthly, quarterly, semi-annually, and annually. Analyzes and evaluates reports to determine significant budget or utilization variances. If variances are discovered, investigates to ascertain reason for variance and takes corrective action. Develops equipment rental rates by monitoring utilization and cost to ensure maximum utilization and lowest cost-per-mile for equipment fleet. Assists each activity in developing effective technical and management procedures to increase efficiency of the overall transportation system. **Quality-Ranking Factors:** Ability to manage transportation assets, including establishing procedures and systems for monitoring the equipment to maintain accurate statistical records.

NAWCWPNS

No. 41-007-RF8, Interdisciplinary (General Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist) DP-801/1310/1515/1520/1550-3, Systems Engineering Department, Systems Engineering Management Division, AH-1W IPT, Code 41140HD—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake, CA. **Opening Date:** 4-16-98. **Closing Date:** 4-30-98. **Selecting Official:** Roy Harmon, (760) 939-5678. **HRD Contact:** Robert Fitzpatrick, (760) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** As the AH-1W IPT, chief engineer, this position is responsible for all aspects of assigned life-cycle technical support for the AH-1W weapon system. The position receives programmatic direction from and is directly accountable to the AH-1W IPT Leader for cost, schedule, and performance requirements for the AH-1W. IPT post-development support products include new system capabilities (e.g., major upgrades), fire control/targeting system upgrades, and integration of new technologies, as well as coordination with common avionics, trainers, and ground support engineering activities. Duties include serving as the Deputy AH-1W Lead at the Naval Air Warfare Center Weapons Division; planning, controlling, evaluating, and coordinating the technical efforts of diverse functional task teams, multi-disciplinary product teams, and systems integration teams needed to satisfy customer requirements; developing plans and schedules with defined milestones and metrics for assigned AH-1W tasks; monitoring; cost, schedule, and performance and taking corrective actions as needed. **Technical Quality-Ranking Factors:** (1) Skill in engineering and 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, TDY, ETC. THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. Please make a copy of your application for your own retention before you submit it. (Only applications with original signature and date will be accepted.)

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

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

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

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

AREA OF CONSIDERATION INFORMATION

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

NOTES

- If selection is made below the full-performance level, the selectee may be promoted to the next higher level(s) without further competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines the incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. **PROMOTION IS NOT GUARANTEED.**
 - First-time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position.
 - Drug Testing Designated Position.** An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a DOD testing designated position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP. Further, all DON employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current DON employee will also be provided to the employing activity/command.
 - This is a DAWIA (Defense Acquisition Workforce Improvement Act) Designated Position. P.L. 101-510 requires that all applications for DAWIA designated positions, which are advertised using a quality ranking factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants wishing more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields may contact the DAWIA representative within their Competency.
- NOTE:** Applicants selected for Critical Acquisition Positions will be required to sign a Tenure Agreement to remain in that position for at least a 3-year period.
- Merit Promotion Positions for Point Mugu Site Vacancies.** Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcement.

GENERAL INFORMATION

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

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

reinforced through hands-on practice sessions in an interactive workshop environment.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (760) 939-2349 (DSN 437-2349).

MARKETING YOUR R&D PROJECTS IN WASHINGTON, D.C. (8 hrs.)

2 June; Tuesday, 0800-1600; Training Center, Point Mugu. By: Don Gay, TRACOR, Inc.

3 June; Wednesday, 0800-1600; Training Center, China Lake. By: Don Gay, TRACOR Inc.

This 1-day course builds a firm foundation of marketing R&D projects within the Navy bureaucracy in Washington, D.C. This seminar will touch upon a full spectrum of marketing-related topics, including significant global, national, and budget trends and their implications for R&D; the DOD R&D structure and its terminology; relevant organizations in obtaining R&D funding; the significance of organizational relationships; the role of the political environment; developing a marketing plan and strategy; persuasion techniques; and presenting a project for maximum impact. Although focusing primarily on early R&D for the Navy, much of the class is applicable to the later phases of R&D and other government organizations.

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

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

INTRODUCTION TO EMI ASSOCIATED WITH EEDS, FIRING CIRCUITS, AND ORDNANCE (24 hrs.)

2-4 June; Monday-Wednesday, 0800-1600; Training Center, China Lake. By: R&B Enterprises (Moshe Netzer)

This seminar covers the basic use and functions of electro-explosive devices, firing circuits, and ordnance. It explains how EM treats (ESD, LEMP, NEMP, HERO) evolve, the types of hazards encountered, and the mitigation techniques used to neutralize these hazards (deflagration, detonation, and explosion). The course defines safety and reliability criteria. This seminar also covers EED lot acceptance testing, qualification testing, accelerated aging testing, surveillance testing, and Bruceton analysis. Case studies are highlighted. Topics include an introduction, electro-explosive devices, EMI hardening concepts, major design elements of a firing circuit, EED reliability and safe testing, electromagnetic radiation hazards, cross-talk and ground interference, and hazards of electrostatic discharges.

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Sue Murray, Code 733000D. For further information, call (760) 939-2349 (DSN 437-2349).

ADMINISTRATIVE POLICIES AND PROCEDURES FOR NEW SUPERVISORS (32 hrs.)

2-5 June; Tuesday-Friday, 0800-1600; Training Center, China Lake. By: Center Staff

Intended Audience: New supervisors during the first-year probation period. This mandatory 4-day course provides probationary supervisors with basic information about important NAWC/NAWS administrative policies and procedures.

Note: Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory safety training requirement for the probation year.

Topics covered include the role of PMAs, safety, security, CEAP, ethics, workers compensation, plant account, Drug Free Workplace Program, leave transfer program, labor and employee relations, employee development, employee awards (and other aspects about the DEMO system), affirmative employment, staffing, DOD priority placement, and other topics of interest to supervisors.

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

C++ ADVANCED (40 hrs.)

8-11 June; Monday-Thursday, 0730-1630; Training Center, China Lake. By: John Francis, Code 535100D. By: In-House Instructor.

Prerequisite: Some C++ programming experience.

Note: Enroll only if you meet the prerequisites.

This course can be useful as a refresher course in C/C++ programming or as added experience. The main area of interest is data structures and object-oriented programming. General C/C++ syntax will be covered but not in detail. We will be using a Rapid Application Design (RAD), components (OLE, ACTIVEX, COM/DCOM), and "web-shareware" downloadable libraries. The class will include eight projects covering the subjects of Standard-Template-Library (STL), Object-Linking-Embedding, writing your own Web-Browser, Graphical User Interface Design and Construction, Windows/95/NT event trapping an analysis program, and writing plotting/printing objects.

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).

HIGH-LEVEL ARCHITECTURE

HIGH-LEVEL ARCHITECTURE (HLA) (12 hrs.)

2-3 June; 2 June, 0815-1600; 3 June, 0800-1200; Heritage Inn, Flight Deck, Ridgecrest. Sponsored by: The Defense Modeling and Simulation Office (DMSO)

HLA Regional Training is a comprehensive introduction to the HLA. This session provides an overview of the HLA goals, policy, and development process; a full description of the HLA Specifications; a discussion of federation and Object development processes; HLA, a supporting software (particularly the RTI); and the HLA testing process. At different sites, usage accounts by different HLA implementors are incorporated into the training sessions.

Tentative Core Agenda for Regional Training

Day 1

I. Introduction			
Welcome and Acknowledgements	Sponsor/AEgis		0815
DOD HLA Process and Policy	DMSO/DOD/AEgis		0830

II. HLA Specifications			
HLA Rules	SME/AEgis		0930
Break			1000
HLA OMT Version 1.0 Fundamental	SME/AEgis		1015
HSA Interface Specification Version 1.3	SME/AEgis		1100
Lunch			1200

III. Technical Details			
Time Management in the HLA	SME/AEgis		1300
Break			1415
Tutorial on HLA RTI 1.3	SME/AEgis		1430

Day 2

IV. Supporting Process Guidance			
HLA Object Model Development Process and Supporting Tools	SME/AEgis		0800
Federal Compliance Testing Process	SME/AEgis		0930
Break			

V. Experience and Lessons Learned			
Two testimonials			1030

HLA Training Event Open to NAWCWPNS China Lake, Point Mugu, Edwards Airforce Base, and Nellis Airforce Base.

At the present, registration will be accepted when NAWCWPNS is listed on the DMSO webpage under the Upcoming Regional Training Schedule. It should be on the webpage by 16 April. To register for the HLA Training Event by DMSO, the website address is http://hla.dmsomil/hla/edu_trng/. In addition to registering with DMSO website, e-mail a response to Lily Horton (lhorton@mugu.navy.mil) on the type of simulation you are involved with and whether you are a program manager, project manager, or implementors. Limited spaces are available, so register early. On-line registration is encouraged by 22 May. The agenda may change and the update will be published on the DMSO website and NAWCWPNS Newsletters and Intranet.

For additional information, contact Lily Horton, Code 733000E, at (805) 989-3987 (DSN 351-3987).

JAVA (40 hrs.)

15-19 June; Monday-Friday, 0800-1600; Training Center, China Lake. By: In-House Instructor

Prerequisite: Some web HyperText Markup Language (HTML) experience or C/C++ programming would be useful. This course is the next level of skill for those who know how to write web pages.

This course will cover the parts of the web-client and web-server, a quick review of HTML, common graphical interface (CGI), the Java language and how to program in Java-Script, a Java Applet, and Java Applications. All the tools will be provided. NAWCWPNS rules for posting pages on the Center's web page will be addressed. This course will include 10 projects on how to add life to a dry web page, a CDI (no Java, but an important concept), a basic applet, an application written in Java, and a web-shopping system. The projects can be done working as a team or an individual. All source codes and processes will be provided.

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).

BASIC SUPERVISION (40 hrs.)

15-19 June; Monday-Friday, 0800-1600; Training Center, Bldg. 366, Point Mugu. By: Dr. Teri Mahanay, Supertraining, Inc.

Intended Audience: Probationary supervisory personnel.

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

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

INTRODUCTION TO NAVY WORKING CAPITAL FUND (24 hrs.)

23-25 June; Tuesday-Thursday, 0800-1600; Training Center, China Lake. By: Navy Financial Management Career Center

This course provides an introduction to the Navy Working Capital Fund (NWCF), how a revolving fund is managed, industrial fund accounting and budgeting within the DON with emphasis on cost accounting, billing and cost control analysis, and unit cost.

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

INFRARED WINDOWS AND DOME MATERIALS (8 hrs.)

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

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

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

POINT MUGU

EMPLOYER DAY

Point Mugu Family Service Center Transition Office is sponsoring a Job Fair at the Station Theater on 24 April from 0800 to 1300. Northrup-Grumman, Corestaff, Next Step Transition and other organizations will be available. Federal employees, with Supervisory permission, are encouraged to attend. The Job Fair is open to Active Duty Personnel their family members and Civil Service Employees.

For further information, contact Dan Savage at 989-1022

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. The local R12-33 President is Rev. Louis W. Rogers, located in Trailer 10097; he can be reached at 989-1374 or at

nager1233@earthlink.net

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

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 were approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 24 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Recipient) and a copy of current Leave and Earnings Statement. OP-Form 630-A is available at Administration Offices at Point Mugu and Telmair 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 (760) 939-2018.

CHINA LAKE

Leon Biesiadecki, Code 525220D

Leon is recovering from spinal fusion surgery.

Jimmy Walston, Code 84E000D

Jimmy is recovering from a total hip replacement.

Marvin Kennedy, Code 526220D

Marvin is awaiting lower back surgery.

Carol Crump, Code 526210D

Carol is recovering from reconstructive surgery.

Susie Park, Code 525210D

Susie is recovering from surgery.

Dawn Haddock, Code 418100D

Dawn is on maternity leave.

Martha Harrington, Code 4BY100D

Martha is receiving chemotherapy treatments.

Linda Currington, Code 4731B0D

Linda has undergone major surgery.

Shirley Carroll, Code 455300D

Shirley is under a doctor's care.

Jeanie Salyer, Code 734000D

Jeanie is receiving kidney dialysis while awaiting a transplant.

Sandy Watson, Code 335000D

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

POINT MUGU

Vida Nunez, Code 763400E

Vida is under a doctor's care following a severe auto accident.

Charles Ball, Code 532120E

Charles is undergoing cancer radiation therapy.

Norma Lavin, Code 52911EE

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

Wei-Li Young, Code 457120E

Wei-Li is on maternity leave.

Richard A. Czebatol, Code 457300E

Richard is undergoing chemotherapy and a bone marrow transplant.

Robert Kloepfke, CBC, Port Hueneme

Robert is suffering from a severe heart condition.

David Adams, Code 7GC000E

David is undergoing back surgery.

Benjamin Asuncion, Code 531200E

Benjamin is undergoing chemotherapy and other cancer-related treatment.

Macia Watanabe, Code 454310E

Macia is under a doctor's care because of complications during pregnancy.

Debby Casillas, Code 562E00E

Debby is hospitalized with ulcerative colitis.

Anita Retome, Code 455330E

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

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

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

MICROWAVE TESTING: PROCEDURES AND PROCESSES (32 hrs.)

20-23 April; Monday-Thursday, 0800-1600; Training Center, China Lake. By: Quintech Corp.

Prerequisites: None.

Intended Audience: Technical personnel and others who need information on laboratory and field microwave tests and measurements, including the use of standard test instruments.

This is an introductory course and will address the use of microwave test instruments and the concepts of manual and automated microwave measurements will be discussed. There are Two Parts: Part I will focus on tests and measurements. In addition, how to design microwave tests and how to set up and perform these tests and measurement performed on microwave components and systems. Tests and instruments covered include power measurements, spectrum analysis, signal and systems analysis, time measurements using oscilloscopes, noise measurements, and other measurements common to microwave labs and specialized tests. Part II, students will set up microwave testing systems, which may include several instruments and measure-

ments, and how to automate microwave testing using the IEEE-488 bus. From this instruction, students will learn the basics of the IEEE-488 protocol, how it is used to control and gather data from instruments, its capabilities and limitations. The students will learn how to connect instruments to controllers and how to write simple control programs to set up the instruments and to read and display data from them.

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).

MANAGING IN A CHAOTIC ENVIRONMENT (16 hrs.)

21-22 April; Tuesday-Wednesday, 0800-1600; Training Center, Bldg. 366, Point Mugu. By: William Chiat, Center for Excellence in Government

The world around us is changing every minute. New technologies that affect the workplace continue to become available; access to and speed of information continues to increase; customers want customized products and services faster, funding shrinks; employees want more voice in decisions; bases downsize

CSUC COMPUTER SCIENCE PROGRAM

The following courses are being offered at China Lake for the summer term in the California State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To obtain course descriptions, book order forms, registration forms, and tuition support information, call Cecil at 939-0878. Classes will be held in the Training Center and begin 4 May and end 20 August. CSCI172 will be held Tuesdays and Thursdays. CSCI171 will be held on Mondays and Wednesdays, with a lab on Tuesdays. CSCI298C-2 is self paced. The three courses are on videotape.

CSCI171: Computer Architecture; 1130-1245; Lab, 1700-1800

CSCI172: Systems Architecture; 1130-1245

CSCI298C-2: Algorithms and Data Structures in Java, self paced

CAREER TRANSITION AND RESOURCE CENTER
 Need help formulating future career plans? Unsure of how to prepare a resume or complete an SF-171? Confused about the demand for your skills and educational background in today's work environment? Visit the Career Transition and Resource Center (CTRC) at Point Mugu or China Lake for assistance with all your career planning needs. Both sites offer full-service career transition assistance daily and personal career counseling

by appointment. Center resources include periodicals, brochures, and books on many topics including career planning, job search strategies and techniques, and retirement. IBM-compatible and Macintosh computers with laser jet printers and software are available to help you write your SF-171 or OF-612 and resume, determine your interests and values, or search available job listings via bulletin boards. For more information about the CTRC or to schedule an appointment, call 989-3997 (Point Mugu) or 939-2359 (China Lake).

SELF-PACED VIDEO TAPES AVAILABLE

The following self-paced video tapes are available for checkout at the China Lake Training Center, Bldg. 00947, and at the Point Mugu Training Center, Bldg. 366.

ACCESS 97 DEVELOPER	JAVA SCRIPT
EXCHANGE SERVER 5.X	NT 4.X
HTML	SQL SERVER
JAVA	VISUAL BASICS 5.X

INTERNET JOB SITES

America's Job Bank	http://www.ajb.dni.us
California Job Service	http://ca.jobsearch.org
California State Personnel Board Home Page	http://www.spb.ca.gov
CalJobs Home Page	http://www.jobs1.cahwnet.gov
Career Center	http://www.netline.com/career
Career Connection	http://www.career.com
CareerMosaic	http://www.careermosaic.com
Careerpath.com	http://careerpath.com
Careers and Jobs	http://www.starthere.com/jobs
CareerWEB	http://www.cweb.com/jobs
Commerce Department's Governmentwide Listings	http://www.fedworld.gov
E-Span Interactive Employment Network	http://www.espan.com
Edwards AFB Vacancies	http://cpf.edwards.af.mil/vacancy
Employment Development Department (California)	http://www.edd.cahwnet.gov
Engineering Jobs	http://www.engineeringjobs.com
Federal Job Opportunities for California	ftp://ftp.fedworld.gov/pub/jobs/ca.txt
Federal Research Service	http://www.fedjobs.com
Federal Times	http://www.federaltimes.com
Help Wanted	http://helpwanted.com
Human Resources Department Homepage	http://hrdmugu.mugu.navy.mil/hrd/
Job Hunt	http://www.job-hunt.org
Job Web	http://www.jobweb.org
JobSmart (California Job Search Guide)	http://www.jobsmart.org
Monster Board, Career Site Web	http://www.monster.com
National Ad Search	http://www.nationaladsearch.com
NAWC-AD Recruiting Ad	http://www.nawcad.navy.mil/nawcad/hro
NAWC-TSD Human Resource Recruit Ad	http://www.ntsc.navy.mil/hro
USA Jobs (Office of Personnel Management)	http://www.usajobs.opm.gov
The Gate (San Francisco)	http://www.sfgate.com
The Internet Job Locator	http://www.1010.com/jobs
World Hire	http://www.world.hire.com
Raytheon Systems Company	http://www.htsc.com/career/FPS_ad.html

RETAIN FOR FUTURE USE

NAWCWPNS FY98 SPRING/SUMMER COURSE CALENDAR

DIVISION HEAD:	Dr. Ruth Boyle	CL 939-0872 or PM 989-3991
BUSINESS MANAGER:	Christine DeLaRosa	PM 989-3995
ASSOCIATE CHINA LAKE:	Nancy Saxton	CL 939-3129

**EMPLOYEE DEVELOPMENT DIVISION
 CODE 733000D/E
 COMMUNICATION INFORMATION**

FAX: China Lake, 939-2548; Point Mugu, 989-9846
 Course Schedule Lines: China Lake, 939-2415; Point Mugu, 989-7956

<u>ADMINISTRATIVE SUPPORT</u>	<u>TELEPHONE</u>	<u>CONSULTANT TO COMPETENCY</u>	<u>RESPONSIBILITY</u>
TEAM 1			
Bill Bethke (Lead)	989-3009	0.0, 4.0 (PM)	Executive/Leadership/Supervisor, CLD, SEMDP
Jim Diderrich	989-3994	3.0, 7.2, 7.4, 7.5 (PM)	Computer Education, Safety, Security, CPR, TVIS (PM)
Mary Glasmann	989-3982		Computer Education (PM), Supervisory/Management/Executive Support, DAWIA Support, NAEI, FEI, OPM, Brookings, Supervisory Training
TEAM 2			
Ron Rogers (Lead)	989-3997	5.0, 5.3	SEDP, Missile/Rocketeer Insert, JP Training, Career/Retirement Planning, Transition/Resource Center, Engineering, Scientific
Lily Horton	989-3987	5.2, 5.4, 5.6, 5.7	Computer Engineering, Technician Training, EEO
Dorothy Wiederhold	939-2359		TMC/SEC, Engineering, Scientific, Career Transition and Resource Center, Career/Retirement Planning
Sue Murray	939-2349		Secretarial Certificate, Clerical, New Employee Orientation, Fellowship, Test Pilot School, Computer Engineering, Technician Training
Felicia Nickleberry	989-3980		Career Transition and Resource Center, Retirement, Computer Engineering/Education, Technician, Scientific and Engineering
TEAM 3			
Nancy Saxton (Lead)	939-3129	2.0, 7.0, 7.1, 7.3, 7.5, 7.6, 7.7	DAWIA
Helen Casteel	989-3003	8.0 (PM)	DAWIA, Procurement, Trades (NAWS), Communication, Administrative (Personnel, Finance)
Pat Nogle	939-3159		Communication, Trades (PW), Safety, Security, CPR, Environmental, Financial, Administrative, NTU, TVIS
Cecil Webb	939-0878	8.0, 4.0 (CL)	Academic, Fellowship
Tammy Berry	939-2451		NTU, TVIS, Learning Center, CL Facility, Computer Education (CL)
Randy Platt	939-0868		Division Support

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Off Center Training

Lorrie Bush (Sverdrup), 939-2960 (CL)

Josie Farin (Sverdrup), 989-1986 (PM)

GENERAL INFORMATION

COST: Training offered in the FY98 Schedule is funded by the Command Training Budget and is at no cost to NAWCWPNS organizations.

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

CONFIRMATION PROCEDURES: Attendance will be confirmed by the Employee Development Division by returning Copy 2 of the On-Board Training Request Form to the employee. Telephone enrollments will be confirmed at the time the call is placed.

TO CANCEL A COURSE: Employees are asked to call the Employee Development Division immediately upon learning that they cannot attend a course. An early phone call permits another employee to occupy the canceled space.

COURSE HOURS: Unless otherwise stated in the course announcement, classes begin at 0800. Instructors do not wait for those who are late. Alternates will be permitted to attend if an employee has not shown up or called 15 minutes after the class begins unless an employee is on the shuttle from the other site. Employees on the 9-hour work shift are expected to report to their worksite prior to the session or after completion of the session.

ACCOMMODATIONS FOR HANDICAPPED EMPLOYEES: Every effort is made to ensure that all employees are accommodated. Please notify the course point of contact in advance for any special requirements.

40-HOURS-OF-TRAINING-PER-EMPLOYEE POLICY: Supervisors must ensure that each employee receives at least 40 hours of training per year.

NAWCWPNS FY98 SPRING AND SUMMER QUARTERS

Course Title:	Date	Times	Hours	Site	Course Title:	Date	Times	Hours	Site
CAREER/RETIREMENT PLANNING					Cleanroom Software Eng. Briefing	May 18	0800	TBD	CL
Pre-Retirement Planning Workshop	TBD	0800-1600	16	CL	Cleanroom Software Specifications and Development	May 19-22	0800-1600	32	CL
Pre-Retirement Planning Workshop	TBD	0800-1600	16	PM	MATLAB/Simulink	Jun 1-5	0800-1600	40	CL
Mid-Career Retirement Planning Workshop	TBD	0800-1600	8	CL	Introduction: EMI Assoc W/EEDS, CKTS/ORD	Jun 2-4	0800-1600	24	CL
Mid-Career Retirement Planning Workshop	TBD	0800-1600	8	PM	High-Level Architecture	Jun 2-3	0800-1600 0800-1200	12	CL
Career Transition Workshop	TBD	0800-1600	8	CL	C++ Advanced	Jun 8-11	0800-1600	32	CL
Career Transition Workshop	TBD	0800-1600	8	PM	Supporting Windows NT	TBD	0800-1600	40	PM
COMPUTER EDUCATION					Windows NT Enterprise	TBD	0800-1600	40	PM
Excel 5.0 for Macintosh, Beginning	Apr 29	0800-1600	8	PM	Windows NT Enterprise	TBD	0800-1600	40	CL
Filemaker Pro 3.0 for Windows, Intermediate	May 12	0800-1600	8	CL	COMMUNICATION SYSTEMS AND NETWORKING				
Powerpoint 4.0 for Macintosh Intermediate	May 12	0800-1600	8	CL	JAVA	Jun 15-19	0800-1600	40	CL
COMPUTER ENGINEERING					DAWIA				
Components	Apr 27-30	0800-1600	32	CL	Intermediate Systems Acquisition (ACQ 201)	Jul 7-24	0800-1630	112	PM
Windows NT 4.0	TBD	0800-1600	40	CL	Executive Test and Evaluation Management (TST 301)	Jul 27-31	0800-1630	40	PM
Windows NT 4.0	TBD	0800-1600	40	PM					
Components	May 5-8	0800-1600	32	PM					

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Course Title:	Date	Times	Hours	Site	Course Title:	Date	Times	Hours	Site
Executive Acquisition Logistics Management (LOG 304)	Sep 10-20	0800-1630	72	PM	The Learning Organization	Jun 23-24	0800-1600	16	PM
Advanced Systems Planning, Research (SYS 301)	Sep 21-Oct 2	0800-1600	80	CL	EEO for Supervisors	Jul 16	0800-1600	8	CL
FINANCIAL					Creative Thinking and Problem Solving	Jul 21-22	0800-1600	16	PM
Introduction to Navy Financial Management and Accounting	Apr 28-30	0800-1600	24	PM	EEO for Supervisors	Aug 19	0800-1600	8	PM
Introduction to Navy Working Capital Fund	May 5-7	0800-1600	24	PM	Basic Supervision	Aug 24-28	0800-1600	40	CL
Introduction to Navy Working Capital Fund	Jun 23-25	0800-1600	24	CL	Administrative Policies and Procedures for New Supervisors	Aug 25-28	0800-1600	32	PM
Budget Analysis	Jul 28-30	0800-1600	24	CL	PROCUREMENT				
LEADERSHIP					Contract Management for NAVAIR AWF	Apr 27-30	0800-1600	32	CL
Managing in a Chaotic Environment	Apr 21-22	0800-1600	16	PM	Contract Management for NAVAIR AWF	Aug 10-14	0800-1600	40	PM
Creative Thinking and Problem Solving	Apr 29-30	0800-1600	16	CL	SCIENTIFIC/ENGINEERING				
EEO for Supervisors	May 7	0800-1600	8	PM	Infrared Windows and Dome Materials	Jun 25	0800-1600	8	CL
The Learning Organization	May 19-20	0800-1600	16	CL	Fundamentals of Stealth	Aug 4	0800-1600	8	PM
Marketing Your R&D Project	Jun 2	0800-1600	8	PM	Counter Stealth Radar Fundamentals	Aug 31-Sep 2	0800-1600	24	CL
Administrative Policies and Procedures for New Supervisors	Jun 2-5	0800-1600	32	CL	Aircraft Survivability	TBD	0800-1600		CL
Marketing Your R&D Project	Jun 3	0800-1600	8	CL	TECHNICIAN				
Basic Supervision	Jun 15-19	0800-1600	40	PM	Microwave Testing: Procedures and Processing	20-23 April	0800-1600	32	CL

CAREER INFORMATION

TRAINING COURSE SCHEDULE AVAILABLE ON THE WEB

The Employee Development Division has established a website displaying the training courses that will be offered at China Lake and Point Mugu during this fiscal year.

You can access the website through the Human Resources Department homepage at

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

The training schedule link is in the middle of the HRD homepage. Questions or comments regarding the training course schedule should be addressed to Jim Diderrich at (805) 989-3994 (DSN 351-3994).

LEARNING CENTER CATALOG NOW ON INTRANET

The Learning Center Catalog of self-paced instruction is now accessible to all NAWCWPNS employees on the Human Resources Department Home Page:

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

Self-paced training provides the busy NAWCWPNS employee an opportunity that fits into their schedule. Employees can study a variety of subjects through several media, including computers, audio and video cassettes, and books. Such training can be credited towards the prescribed 40 hours of training required for each employee.

For assistance, call Tammy Berry at 939-2451 (DSN 437-2451).

CAREER/RETIREMENT PLANNING SEMINARS

CAREER PLANNING SEMINARS

Career Planning Seminars include job search skills, resume preparation, and job interviewing techniques.

TBD, 0800-1600; Training Center, China Lake.
TBD, 0800-1600; Training Center, Point Mugu.

RETIREMENT PLANNING SEMINARS

The following Retirement Planning Seminars will include presentations on CSRS and FERS retirement systems, including creditable service, military service, and Catch 62, deposit/redeposit service, computation of annuities, TSP, health and life insurance, and social security. Presentations will also be given on topics such as financial planning, estate planning, wills and trusts, taxes, etc.

PRE-RETIREMENT PLANNING WORKSHOP (16 hrs.)

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

TBD, 0800-1600; Training Center, China Lake.
TBD, 0800-1600; Training Center, Point Mugu.

MID-CAREER RETIREMENT PLANNING WORKSHOP (8 hrs.)

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

TBD, 0800-1600; Training Center, China Lake.
TBD, 0800-1600; Training Center, Point Mugu.

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

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call (760) 939-2359 (DSN 437-2359).

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