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RAdm. (select) Fisher to relieve RAdm. Chenevey in command change

Rear Admiral Jack Chenevey, NAWCWPNS commander, said Monday that the secretary of the Navy had approved the nomination of RAdm. (select) Rand Fisher as the incoming NAWCWPNS commander and head of the Naval Air Systems Command Test and Evaluation Competency.

The formal change of command cere-

mony is scheduled for Monday, December 8, in front of the Weapons Division headquarters building at China Lake.

"I would like to express my appreciation at having the opportunity over the past 16 months to lead this world class organization," Chenevey commented. "My tour as Weapons Division comman-

der has been exciting and rewarding. I know I am turning over command of a premier defense organization. My relief will find the men, women, officers, Sailors and Marines at NAWCWPNS are the best in the business."

RAdm. (select) Fisher is currently serving as major program manager for the Advanced Systems Program Office

of the Space and Naval Warfare Systems Command in Washington DC. He will reside at the China Lake site.

Returning to the east coast, RAdm. Chenevey will take over as the assistant commander for logistics at Naval Air Systems Command in Patuxent River, Md.

See Fisher's biography on Page 6.

THE ROCKETEER

THURSDAY, NOVEMBER 13, 1997

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

Vol. 53, No. 23

Of odontocete-mimetic submarines and other seagoing creatures

By Barry McDonald
Editor

Remember the "Six Million Dollar Man?" The "Bionic Woman?" The bionic whale? While the first two were fantasy television shows and a bit far-fetched for the late 1970s, the third is quite possibly doable and the Navy is pursuing the concept. Actually, "bionic whale" is the wrong phrase. That implies a living whale fitted with electro-mechanical parts, when it's the other way around. The concept the Navy is interested in would see a submarine fitted with an "odontocete-mimetic" sonar signal generator, i.e., a sound generation system that mimics that of a toothed whale.

Understanding how whales create sounds is the key to being able to duplicate it, and a procedure recently completed at China Lake will take researchers much closer to that understanding. During the week of Oct. 6, Dr. Ted W. Cranford, of San Diego State University and Quantitative Morphology Consulting, used the services of the Non-Destructive Test Facility at the China Lake Propulsion Laboratories (CLPL) to scan the head of a baby sperm whale. Bettye Moody, George Grace, Tim Teel and Tony Kratz of the Environmental/Safety Test and Evaluation Branch performed the procedure using the facility's Hect CT (computerized tomography) scanner, which is generally used for non-destructive inspection of large rocket motors.

Cranford, who has a doctorate in biology, has worked for the past three years on the multidisciplinary Biosonar Program supported by the Office of Naval

Research. Also a research associate at the Space and Naval Warfare Systems (SPAWAR) Center's Bayside Marine Mammal Facility in San Diego, Cranford has studied biosonar signal generation in toothed whales (odontocetes) extensively. He has conducted CT or magnetic resonance imaging on more than 20 odontocete species, but he was limited to dissecting two previously stranded sperm whales for lack of adequate imaging facilities.

He recently performed some high-speed video endoscopy observations that helped determine the anatomic site and physiologic mechanism used to generate echolocation sounds in dolphins (which are small odontocetes) — a question that had puzzled Navy researchers for more than three decades. Like bats, smaller odontocetes — and Cranford believes, probably all odontocetes — use echolocation to navigate in the depths of the sea. Echolocation is a biologic system that allows certain animals to send out a sound and analyze

Please see **BIOSONAR**, Page 10

HEAD ON—Biologist Ted Cranford plans to use more than 150 quarter-inch CT scan slices, such as this one, to build a 3-D image of a sperm whale's head to help understand its sonar apparatus. Looking longitudinally from the front of the head, the nearly round area at the bottom of the frame is the lower jaw, with the upper jaw depicted half an inch above by symmetrical shapes flanked by magenta dots. The rest of this image is the whale's nose. One-third of the sperm whale's length is its nose, leading Cranford to believe the nose plays a major role in the whale's sonar capabilities.



Visiting military balloons and Vietnam Memorial Traveling Wall heighten Vets Day emotion, pride

FOLLOWING the very successful first morning of balloon racing, Saturday, at the Ridgecrest Balloon Festival, locals and visitors gathered at Leroy Jackson Park to honor American veterans. Visiting military balloons and the Vietnam Memorial Traveling Wall drew an exceptionally large crowd to the early Veterans Day Service. NAVS CO Capt. Stan Douglass and State Senator Wm. J. "Pete" Knight were among those whose words, combined with the display and perfect weather, left the audience emotionally awed.

Photo by Barry McDonald





Weather

	October 29 - November 4				
	High	Low	Gusts	Humidity	
Wed	73	37	11	59-16%	
Thurs	78	39	8	67-17%	
Fri	82	39	10	73-19%	
Sat	83	42	11	71-21%	
Sun	82	45	10	62-18%	
Mon	80	41	8	67-20%	
Tues	77	46	8	54-19%	
November 5 - 11					
Wed	79	38	10	64-17%	
Thurs	79	38	11	59-17%	
Fri	76	50	29	71-23%	
Sat	70	39	9	81-28%	
Sun	68	39	12	73-32%	
Mon	61	46	17	100-32%	
Tues	61	43	18	97-39%	

China Lake Calendar

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

Monday, November 17 through 21

•WACOM Thrift Shop Christmas Sale, 8 a.m. to noon.

Tuesday, November 18

•Early deadline, 5 p.m., for *Rocketeer* submissions for Nov. 25 issue.

•Satellite Town Meeting, 5-6 p.m., NAVS Training Center.

Thursday, November 20

•Navy Annual Smokeout, see Page 5.

Friday, November 21

•NWTS Annual Thanksgiving luncheon, 11 a.m.-1 p.m., Hangar 3.

THE ROCKETEER

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

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

This deadline also applies to submissions for the *NAWCWPNs Announcements* contained herein; and the *PAO Info Line*.

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNs, 1 Administration Circle, China Lake, CA 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (Select CL_HQ zone, NAWSTAFF_MC mailcenter.) Fax information to 939-2796, or call 939-3354. E-mail address is barry.mcdonald@gmail.chinalake.navy.mil. THE ROCKETEER office is located in the Headquarters Building, Room 1017.

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

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

Advertising deadline is noon, the Friday before publication.



The Commanding Officer's Desktop

By Capt. Stan Douglass
NAWS Commanding Officer



Send questions of general interest to Commanding Officer's Desktop, Code 750000D, China Lake.

Question:

The China Lake Police Department officers are empowered with police powers that allow them into all areas of the station. While I agree with this as a part of their job requirement in times of official police business, my question is, do the China Lake Police Department officers have to be badged the same as any other station employee or does their job classification allow them this access simply by virtue of their uniform?

Answer:

You are correct that China Lake police officers require access into all areas of the Station to conduct official business. Like any other Station employee, however, they are required to undergo security clearance verification and must maintain a valid NAWS badge clearing them for approved areas.

While on duty, and dressed in the approved military or civilian police officer uniform, police personnel are not required to display their NAWS badge. Police officers wear CLPD badges that clearly identify. The uniform and police badge grants an officer access to any given area when the situation warrants. In addition, CLPD officers are allowed to escort unbadged personnel into an area while acting in the aforementioned capacity.

Carrying classified? Check this out

Effective Oct. 27, all NAWCWPNs and NAWS code and tenant command couriers picking up classified messages (paper or diskette) from the AMSC China Lake or MDC Point Mugu communications center must have a container suitable for transporting messages. Suitable containers include plain manila envelopes, a briefcase, a courier pouch or secret guard mail envelope.

These containers are available at Servmart/Telmar.

The pocket folders and unclassified/confidential guard mail envelopes are not authorized.

All couriers must comply with OPNAVINST 5510.1H. If you have any questions, please contact the Information Security Branch or your code's information security coordinator.

Satellite Town Meeting set Nov. 18

"Supporting Quality Teachers: A Talented Teacher in Every Classroom" is the topic for this month's Satellite Town Meeting, set for Tuesday, Nov. 18, from 5-6 p.m. at the NAVS Training Center.

Each month during the school year, U.S. Secretary of Education Richard W. Riley hosts a live, interactive television program known as the Satellite Town Meeting. Communities across the country join the discussion via satellite or by watching their local educational access channel. A toll free number allows viewers to call in their questions to the secretary and his noted guests.

U.S. schools will need to hire two million teachers in the next decade. This is a unique opportunity for Americans to think together about what we can do to improve preparation and support for them.

Teachers need support in the classroom, equipping and expecting them to help our students master the basics and be prepared for college, employment and good citizenship.

The November town meeting will explore how everyone has a role to play in helping our teachers become the best in the world. Parents, schools, community leaders, universities, state leaders — and most important, current and future teachers themselves — can take many steps to address this challenge. To be broadcasted during American Education Week, this program is a good occasion to focus on how colleges, communities and schools can work together to assure a quality, well-prepared teacher in every classroom.

For more information, call Bob Peoples at 939-8120. The Satellite Town Meeting will not be broadcast in December

Pages From The Past

Nov. 6 & 13, 1987

Jack Johantgen receives Navy Meritorious Civilian Service Award (NMCSA) for work on Low Cost Seeker Program. Robert E. Olson receives Technical Director's Award for work on Standoff Land Attack Weapon. Bill Deem becomes head of Safety Office. Michael Ripley-Lottee receives NMCSA for work on OPNAV team. Fire and police personnel welcomed into Demonstration Program.

Nov. 4 & Nov. 11, 1977

Upland game areas of the NWC opened for limited public hunting. Chukar and rabbit hunting was confined to designated areas of the northern range areas and drew a turnout of 821 hunters. Plans were announced by the Department of Defense for moving the National Parachute Range at El Centro to NWC.

Nov. 3 & Nov. 10, 1967

Students from Burroughs High School business class were guests of NWC touring Michelson Laboratories and other Center areas. Many of the young ladies may be potentially future secretaries. . . Recently developed by the Employee Development Division, the new Secretarial Handbook is the first time that a handbook of this type has been developed for clerical and secretarial employees.

Nov. 8 & Nov. 15, 1957

Burroughs High School celebrates its 12th homecoming this week-end when the football team meets Trona and hopes for a neat victory. . . The Thompson Awardees this year were Captain Levering Smith, RAAdm. Sherman Burroughs, Haskell Wilson, Cdr. John Richmond, and Bruce Hornbrook Sage. NOTS brochure "Weapons for the Navy" wins high praise from BuOrd Chief.

Nov. 5 & Nov. 12, 1947

Here for his first visit to NOTS, Adm. Chester W. Nimitz made an informal inspection of the Station and its activities. . . The Mojave Desert Section of the American Chemical Society has secured Dr. Linus Pauling for a speaker. He will lecture on the structure of metals and intermetallic compounds. The American Red Cross offers 12-hour home nursing course.



Tonight the China Lake Photographic Society will present Dr. Curtis Wilcott at 7 p.m., at the Maturango Museum. The program will be a camera's view of national park fauna and flora in the 1960s versus the 1990s. Guests are welcome. For more information call Helen Jackson at 375-7775.

####

"Ancient Echos," by Lancaster artists Robert and Judith Bennett will be shown at the Sylvia Winslow Exhibit Gallery at the Maturango Museum through Dec. 3. Sponsors are Allstate Life Insurance, Llou's Hallmark Shop, Wayne Silva and Burger King. The gallery is located at 100 E. Las Flores Avenue, Ridgecrest. Hours are Wednesday through Sunday, 10 a.m. to 5 p.m.

####

The China Lake, Chapter 28, Federal Managers Association (FMA) is hosting a Zone Meeting for Saturday, Nov. 15, from 9 a.m. to 5 p.m. at Farris' at the Heritage Inn. The general public is welcome to attend. China Lake FMA mem-

bers, as well as FMA members from other chapters within the Zone 10 geographical area (California, Arizona, and Las Vegas, Nevada), are expected to participate. The zone business meeting will take place after the speakers have given their presentations.

The registration fee includes morning coffee and rolls, an on-site buffet lunch, afternoon soft drinks, and most importantly, a free, autographed copy of *The Winning Ticket Book*. The book itself normally sells for about \$14 with tax.

Due to the chapter's plans to provide a Thanksgiving food basket to the local High Desert Women's Center, attendees are asked to consider donating one or two canned or non-perishable food items.

On Friday, Nov. 14, from 5 p.m. to midnight, Chapter 28 will also be hosting a free hospitality room for all registered attendees. The hospitality room will be located within the Heritage Hotel. Please contact Diana Eggleton at 375-8776 or 939-8111 or Gene Schneider at 939-9755 for more information.

####

On Saturday, Nov. 15, Cerro Coso Community College will host a Four C's Jazz Festival. Featured will be the jazz group, Strokely. Also appearing will be local jazz groups including the China Lake Jazz Quartet. There will also be music clinics throughout the day. The festival runs from 8:30 a.m. to 3 p.m. For more information contact the college at 384-6100.

####

The Catholic Ladies of the Chapel (CLOC) are sponsoring an Advent Retreat and Craft Day, Nov. 22, from 9 a.m. to 4 p.m., to be held at the All Faith Chapel in the East Wing.

All women from the community are invited to attend. Join in the spirituality of a retreat combined with the fellowship of creating crafts. There is a fee of \$5 to cover cost of craft materials, and we will be participating in a potluck at lunch time, and everyone is encouraged to bring a dish.

Please phone Agnes Winter at 939-2773 or June Wood at 384-1991 to register. You must register by Nov. 17.

####

The Indian Wells Valley Concert Association will hold its second concert of the 1997-98 season on Wednesday, Nov. 19, at 7:30 p.m. at the NAWS Auditorium, Bennington Plaza, China Lake.

Since 1982 the Neva Russian Dance Ensemble has performed folk and char-

acter dances of Russia, Ukraine, Moldavia and Romania. Neva presents a program of colorful costumes, syncopation of footwork and gymnastic leaping of foot-stomping ferocity.

Unreserved seating will be 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.

####

The 20th annual Santa's Art Shop will be held at the Desert Empire Fairgrounds on Dec. 6-7. More than 200 exhibitors of handcrafted items will be there. Admission is \$1. For more information call 377-5192.

####

Through Dec. 6, the paintings of Los Angeles artist Moira Hahn will be on display in the Cerro Coso Community College Fine Arts Gallery. The gallery is open to the public from 9 a.m. to 9 p.m. Monday through Thursday, and on Fridays from 9 a.m. to 5 p.m. For more information call 384-6100.

####

Join the 9th annual Over the Hill Track Club Ultra Marathon at Cerro Coso Community College on Dec. 7. There will be a 50K high desert ultra marathon, trail marathon and relay race. The desert terrain and elevations range from 1,400 to 3,500 feet. For more information call 384-3764.

ROCKETEER CLASSIFIEDS

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

15 SERVICES/SCHOOLS

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TV-VCR REPAIR. 50 years experience. Work guaranteed. FREE ESTIMATE. 1425 N. Sierra View. 446-0916. (12-11)

ATTENTION: Military, D.O.D., Base Contractors, Base Certified Home Daycare has immediate openings. Meals and Snacks provided. Acts as Crafts. Lots of fun activities. Call Judy 446-1522. (TFN)

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\$350, GREAT Neighborhood, 2BR, near back gate, fenced yd, water pd. Small Dog OK. 446-4810. (10/30)

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)

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WANTED: RENTAL PROPERTIES. The Housing Referral Office at Naval Air Weapons Station, China Lake, Building 1671, (760) 939-2220 assist all Department of Defense Personnel and their Families in locating suitable and affordable housing in the civilian community. If you would like to list your property free of charge, contact Jerry Morrison between 8:00 am and 5:00 pm. (12-11)

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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)

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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)

25 REAL ESTATE

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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)

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35 AUTOMOTIVE

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

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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 evenrude, \$6,100. 446-3700. (TFN)

EXERCISE GYM: Sears Top-of-the-Line Pro Form Arc 510 cross training system, isokinetic resistance with 30+ exercises. Features a stair stepper, leg curler, upper body pulls and pushes & more. Plus... a computerized body manager stand-by. Select what muscles you want to work - and the body manager tells you what exercises to perform. Excellent condition. \$250 OBO. Call 371-3416 after 6:00pm weekdays, weekends okay. (TFN)

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

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 <p>1997 TAURUS LX 4DR Auto, air, cassette, cruise, tilt, windows & more! #14151 Kelley Blue Book \$17,000 No Bull Price \$14,597</p>	 <p>1997 MERCURY TRACER GS 4DR Auto, air, cassette, P/steering, low miles & more! #42408 Kelley Blue Book \$13,085 No Bull Price \$10,997</p>	 <p>1997 TAURUS LX WAGON Loaded, leather, ABS, moonroof, CD changer & more! #41781 Kelley Blue Book \$22,000 No Bull Price \$16,997</p>
 <p>1997 CROWN VICTORIA LX V-8, auto, dual power seats, tilt, cruise & more! #44061 Kelley Blue Book \$22,000 No Bull Price \$18,900</p>	 <p>1997 LINCOLN TOWNCAR Signature W/leather. #52476 Kelley Blue Book \$34,730 No Bull Price \$29,297</p>	 <p>1996 TAURUS GL WAGON ABS, roof rack, 3rd seat & more! #03009 Kelley Blue Book \$18,355 No Bull Price \$14,900</p>
 <p>1996 MUSTANG GT V-8, auto, air, power seats, ABS, CD player & more! #14282 Kelley Blue Book \$19,815 No Bull Price \$16,900</p>	 <p>1996 MERCURY MYSTIQUE Auto, air, cassette, power windows, locks & more! #12196 Kelley Blue Book \$14,565 No Bull Price \$11,900</p>	 <p>1996 THUNDERBIRD LX V-8, auto, air, cassette, moonroof, ABS & more! #86364 Kelley Blue Book \$17,120 No Bull Price \$13,900</p>

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 <p>1997 F-150 SUPER CAB V-8, 5 spd, XLT, air, cassette, alloy wheels and more! #00660 Kelley Blue Book \$21,075 No Bull Price \$18,997</p>	 <p>1997 RANGER SUPER CAB 4 cyl, 5 spd, XLT, air, cassette, alloy wheels and more! #73805 Kelley Blue Book \$15,865 No Bull Price \$12,900</p>	 <p>1997 AEROSTAR V-6, auto, XLT, aircond, cassette and more! #63396 Kelley Blue Book \$18,035 No Bull Price \$15,497</p>
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 <p>1997 RANGER LONG BED V-6, auto, p/steering, air & more! #40458 Kelley Blue Book \$13,950 No Bull Price \$12,400</p>	 <p>1997 MERCURY MOUNTAINEER v-8, auto, air cassette, rack alloy wheels & more! #24588 No Blue Book Yet! No Bull Price \$27,900</p>	 <p>1996 FORD BRONCO 4x4 351, V-8, auto, air cassette, CD changer, leather & more! #14890 Kelley Blue Book \$26,530 No Bull Price \$22,900</p>

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Naval Weapons Test Squadron's Cdr. Keith Chambers retires today at All Faith Chapel, 3 p.m.

‘The rules have changed,” explained Naval Weapons Test Squadron’s Cdr. Keith Van Chambers, “but performance is still what counts.” Today marks the end of an exciting 34-year naval career for Chambers.

At 3 p.m. his retirement ceremony will be held at the All Faith Chapel, where, he jokingly said, the first 800 people to show up are welcome to join him. A reception will be held at the American Legion Hall afterwards. “If I had one bit of advice for the young Sailor, it would be to take care of you, your people and they will take care of you. That’s still as true today as it was in the past.”

The son of a Marine, Chambers was born May 4, 1945, at the Balboa Naval Hospital in San Diego. He grew up in California, North Carolina and Florida. Following his graduation from high school he enlisted in the Navy on July 15, 1963. After recruit training at Great Lakes, Ill., Airman Apprentice Chambers reported to Naval Air Technical Training Center, Memphis, Tenn. for Aviation Machinist Mate (Jet) “A” School.

He then reported to the fleet in Fighter Squadron (VF) 74 at Naval Air Station Oceana and soon deployed on *USS Forrestal* for a trip to New York City and the World’s Fair. During the summer of ’64 he departed on his first Mediterranean cruise.

After two deployments with the Bedevilers of VF-74, ADJ3 Chambers reenlisted with orders to “B” School and a second trip to Memphis. He was advanced to ADJ2 and received orders to NAS Cubi Point, Republic of the Philippines. At Cubi he worked on the flight line of the combat operations support aircraft pool, maintaining every type of jet aircraft that the Navy had in use in the Vietnam conflict. He was also assigned to the downed

aircraft recovery team that went into Vietnam.

It was during this tour that his personal life took a noticeable turn for the better after he met and fell in love with “the lovely” Purita Manalansan Lopez, a vocalist in the local area. They were married on Jan. 17, 1967, in Olongapo City. In February 1968 their first child, Ronald Edgar, was born. “I consider the fact that I’ve been married to the same woman for almost 31 years to be my greatest accomplishment,” Chambers said.

He was advanced to ADJ1 in April 1968 and in May 1968 the Chambers family returned to San Diego for a tour with the F-4 Replacement Aircrew Training Squadron, VF-121. After a devastating fire onboard *USS Enterprise*, Chambers volunteered to deploy with VF-92 for a Westpac cruise. Shortly after returning, he was selected to go to the Blue Angels, and the family moved to Pensacola, Fla., where their daughter, Suzanne Lee, was born.

During his tour with the Blue Angels, Chambers served as the Power Plants supervisor, a crew chief and spent one year as the advance liaisonman and crew chief of Blue Angel Number Seven. It was while performing this duty that he almost ended his career, and his life, when he and Lt. Gary Smith were involved in a plane crash at Keene, N.H. The plane departed the end of the runway and flipped upside down in the soft dirt, trapping Chambers in the rear cockpit. The local crash crew extracted him after about 40 minutes, and with only a few scrapes and minor cuts he was transported to the local hospital for a checkup. He flew home in the backseat of Blue Angel Number Four a few days later.

After his tour with the Blues, he again packed up for sea duty. This time as part of *USS Midway*, the first aircraft carrier to

Harris and Jensen earn Navy and Marine Corps Achievement Medals

A recent Naval Weapons Test Squadron quarters, AT1(AW) Robert A. Harris was presented with a Navy and Marine Corps Achievement Medal (Gold Star in lieu of fourth award) for achievement of duties while serving as quality assurance representative, NWTS from January to July 1997. According to Cdr. Dane C. Swanson, CO, Harris was personally responsible for the complete and successful rewrite of more than 90 command maintenance and support equipment local cards. “Harris exhibited extraordinary leadership qualities and team management abilities by developing and updating the squadron Plane Captain Monitor Program,” wrote Swanson in the citation. “Additionally,



AT1(AW) Harris

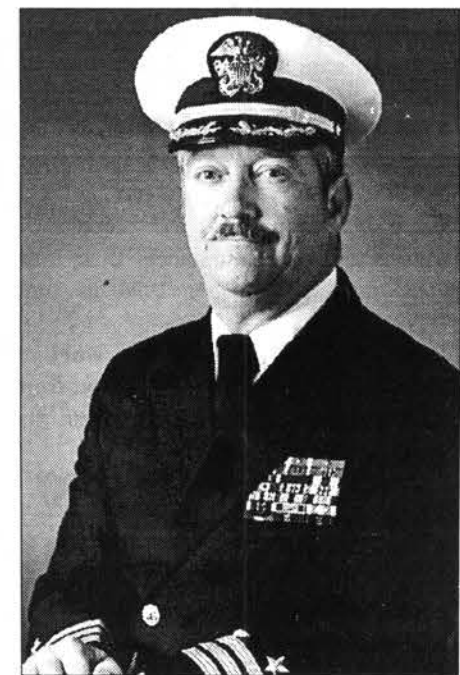
his management acumen resulted in 100 percent accurate completion of squadron audits and monitors within the Maintenance Department.”

Also receiving an NMCAM (Gold Star in lieu of second award) was AE1(AW) William D. Jensen. He served as quality assurance representative, NWTS from January to July 1997. “Demonstrating exceptional superior professional expertise in a myriad of areas,” wrote Swanson, “led to Jensen’s selection as the only full systems projects quality assurance representation in this command.” Jensen was responsible for three collateral duty inspector examinations and four job qualification requirements to bring the F/A-18F Avionics Test Bed



AE1(AW) Jensen

MILITARY NEWS



Cdr. Keith V. Chambers

CVW-14 for a second tour, this time on *USS Independence*. Shortly after reporting, he was selected for commander.

In August 1992, now Cdr. Chambers left sea duty for the last time and reported to the Navy Fighter Weapons School, Top Gun, as the maintenance officer. After two years, Chambers was sent to China Lake. On the same day he reported here, the Aircraft Department was reorganized into the Naval Weapons Test Squadron. For a period of time Chambers was also the acting executive officer and served additional duty to the commander, Naval Test Wing Pacific as the wing maintenance officer.

In addition to his varied and busy career, Chambers has been an adult coach of youth sports throughout most of his tours. Chambers and his wife have one grandson, Jordan, and have two more on the way early next year. They plan to retire to the San Diego area.

Program on-line.

Dust Devils

AZ3 Ross Saxton III was selected as Junior Dust Devil of the Month for August and as Junior Dust Devil of the Third Quarter.

Plane Captains

Plane Captain of the Month for August was AE3 Richard D. Lords. Plane Captain of the Month for September was AEAN Brannon K. Lauritzen.

ADAN(NAC) Dalyn L. Wyatt and ATAN Mace C. Riddle qualified as HH-1N Plane Captains.

AE1 Jose L. Mendoza and AMSAN Lance N. Teodecki have qualified as F/A-18 Plane Captains.



AZ3 Saxton

Please see **QUARTERS**, Page 4

QUARTERS from Page 3

Recognition
Lt. Bruce Williams received a Meritorious Unit Commendation from John H. Dalton, secretary of the navy, for service while operating in the Arabian Gulf in support of U.S. Naval Forces Central command and Commander, U.S. Fifth Fleet from November 1994 to June 1996.



AE3 Lords

AMHAR Jonathan L. Burkett received a letter of commendation from NAWS CO Capt. Stan Douglass for

work performed as Bachelor Housing maintenance assistant from June to July 1997.

Receiving their first Good Conduct Awards were A O A N Richard E. Merriman, ADAN Nancy L. Gray, ADAN Jennifer A. Foben and ADAN Kyle L. Thompson. AMS2(AW) Gamliel J. Manriquez received his second award. AT1 Cheryl Y. Hooper and AMHC(AW) John R. Carter received their fifth awards.



AEAN Lauritzen

Navy moves to a new pay system that will enhance pay delivery

WASHINGTON (NNS) — The Navy will shift to the Defense Joint Military Pay System (DJMS) in January 1998, and the Navy-wide first pay period under the system will be on Feb. 15, 1998.

According to PNCM Ernie Zarazoga, of China Lake's Personnel Support Activity Detachment, DJMS will enhance pay delivery by computing pay on a daily basis instead of twice monthly (done currently), improve electronic fund transfer by allowing EFT payments to be forwarded on dates other than payday (the current system allows EFT only on payday) and by standardizing military pay systems for the Navy, Air Force and Army (more capable of supporting joint missions in the field).

DJMS is already being tested, and training is ongoing for Navy-wide usage of the new system early next year. DJMS will improve pay delivery and reliability. "Transition from Navy JUMPS to DJMS will require patience," explained Zarazoga. "Though it will be a major change in the way that we do business, in the long run, DJMS will improve pay delivery and reliability."

For more information from the local

PSD office, call Zarazoga at 927-1002.

Sailors responsibilities

Sailors are not responsible for calculating their pay, but they are responsible for questioning anything that isn't normal, or risk being charged with larceny, according to a recent ruling handed down by the U.S. Court of Appeals for Armed Forces.

Computerized systems, equal pay periods and Leave and Earnings Statements have made budgeting your pay easy. You should be getting the same amount every payday.

But computers are only as smart as their operators and the electricity they run on. When you notice a radical difference in your pay from last payday and you aren't due for a longevity raise, promotion or the annual pay raise, any great difference in pay may be an error. You may be the recipient of more pay than you deserve. Sailors who haven't reported the difference to their Disbursing Offices have found themselves held liable for stealing. Even if you do notice and report a questionable payday — and nothing changes — you are still liable for the overpayment.

FSC Happenings

The FSC sponsors AL-ANON every Tuesday in the CAAC Conference Room from 6-7 p.m. A California Employment Development Department Veterans Employment Representative is available at the Family Service Center, Room D, on the 2nd and 4th Wednesday of the month from 1 to 3 p.m. The representative assists veterans or active duty personnel who are within 30 days of discharge in registering for job service, assists with statewide job searches and provides labor market information.

Upcoming classes

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

Nov. 13, 1-3 p.m. **Resume Writing.** You won't actually write your resume in this class, but you will learn about the different types of resumes and how to prepare the resume that will help you win the job you want. Call 939-0966 to register. This class is for military and family members only.

Nov. 13, 5:30-7:30 p.m. **Parents' University.** The FSC counseling staff is starting ongoing classes covering a variety of topics dealing with parenting. You may attend one class or all the classes. The topic for Nov. 13 will be "Thirty

Upcoming classes

Effective Solutions for 10 Common Parenting Dilemmas." For more information or to register, call Ken at 939-3743. This class is for military and family members only.

Nov. 18, 5:30-7 p.m. **Couples Communication.** This four-session class is based on an internationally acclaimed program, PREP. This program teaches couples how to team up to face and solve difficult issues instead of letting the issue become a war zone. Call Myrna at 939-3056 or Chaplain McCormick at 939-3506 to register. This class is for military and DoD members only.

Nov. 19, 3-5 p.m. **Dos and Don'ts of Successful Home Selling.** Learn about analyzing your needs, accepting offers, types of financing available and understanding mortgage contracts and closing costs. Call Karen at 939-1018 to register.

Nov. 21, 2:30-3:30 p.m. **Stress Management and Relaxation.** Learn relaxation techniques to help you manage stress. Maximum of five participants. Call 939-1018 to register.

Nov. 26, 3-5 p.m. **Sound Financial Management.** This seminar is designed to help you prepare and achieve a financially secure future. This practical knowledge will help you confidently determine the best course of action for you and your family.

Military Family Week presidential message

Warm greetings to everyone celebrating Military Family Week 1997, sponsored by the Armed Services YMCA of the USA.

Since I became president, I have seen firsthand the selflessness and dedication that characterize military families, and I join the Armed Services YMCA in thanking these families for their service and sacrifice. Family is the foundation of American life. When we have stronger families, we will have a

stronger America. Military Family Week provides a wonderful opportunity to focus on the valuable contributions that men and women in uniform and their families make to our nation. We pay special tribute to those of you who will be observing Military Family Week in distant lands, sometimes in harm's way, and far from your families and friends. Best wishes for a memorable week.

Bill Clinton

All Faith Chapel Services

Protestant

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

Jewish (371-9478 Messages)

Weekly Services, Friday, Small Chapel 7:30 p.m.
Hebrew Classes, Oct. - June, Saturday, 1902 Dibb 2-5 p.m.
Religious School, Sept. - June, Sunday, 1902 Dibb 9:30-11:30a.m.

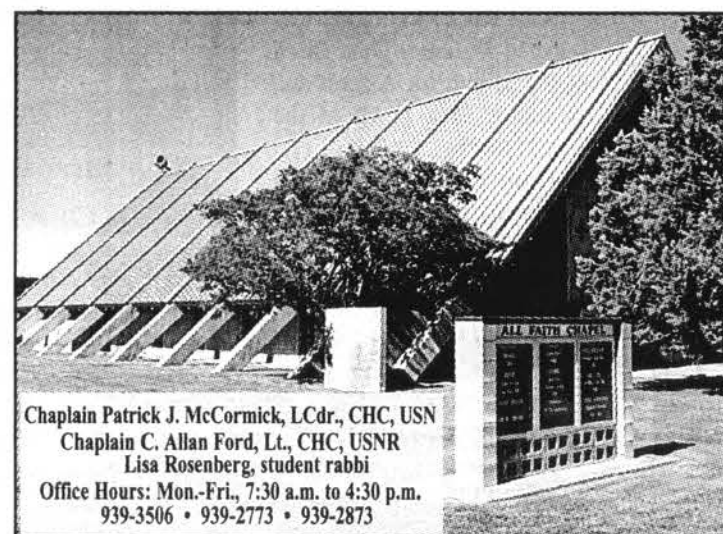
Roman Catholic

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

Islamic

Jumaa Prayer, Friday (1002 Blandly) 12 p.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

Leisure Lines

Naval Air Weapons Station, China Lake, CA

Product of Morale, Welfare & Recreation

Who Says You Can't Get Something FREE?

Active Duty Military Bowl FREE at Hall Memorial Lanes every Saturday Night from 7:00 p.m. to 9:00 p.m. MUST SHOW ACTIVE DUTY I.D. CARD.
• December 1-January 3, 1998.
• Call 939-3471.

Great American Smoke Out 1.25 Mile Lunchtime Walk

When: November 20
Time: 11:30 a.m.
Free!
Preregister (or call in) by November 14
Call 939-2334.

Weight Loss Seminar 98s New Year's Resolution

Learn how to reduce body fat.
When: December 10
Time: 6:00 p.m. - 8:00 p.m.
Military, \$5.00
DoD, \$7.00
Community, \$9.00
Call Loy Vincent at 939-2334.



Thanksgiving Eve Celebration

Remember the excitement of the night before Thanksgiving, when the cooks are in the kitchen and the kids are in the living room? Well...we've got cookies in the kitchen and instead of the living room, we'll be hanging out in the Lagoon watching six 60" tv's for all your sports and programming needs. Bring your darts for playoffs at 7:00 p.m. Food and beverages abound with a DJ at 8:00 p.m.
When: November 26
Where: Wreck Center
Ages: 18 and up
Cost: \$2.00 for Dart playoffs
Call 939-8660.

Universal Indoor Triathlon

Greece is the triathlon birthplace and we carry the tradition into the holiday season with an indoor triathlon for NTN Trivia™, billiards, darts and volleyball competition. Prizes and trophies awarded. Last years winners were from the Marine Aviation Detachment. Who will win this year?
When: November 29
Time: 1:00 p.m.
Where: Wreck Center
Ages: 18 Years and Up
Cost: FREE

Holiday Fitness Challenge

Give yourself a gift this holiday season-fitness. Customers receive a FREE t-shirt. Participate in one or all.
1. Swim 20 miles
2. Run 30 miles
3. Bike 200 miles
4. Workout in the Weight Room for 24 hours
When: November 10 - January 2
Where: Sports and Fitness Center
For Whom: All MWR customers
Military, \$5.00
DoD, \$8.00
Community, \$10.00
Call Loy Vincent at 939-2334.

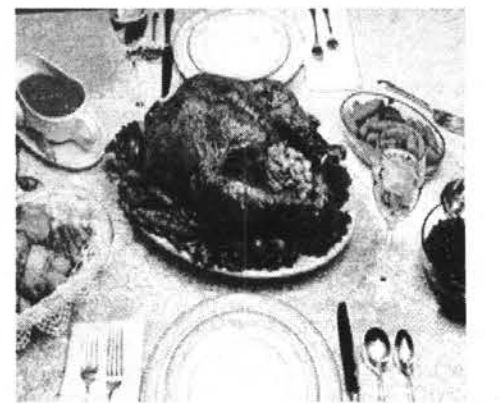
Hunters Wanted

Roll 3 balls. If you get a strike, you'll receive a ticket for a free turkey from a local grocer. One win per person.
For: Active Duty Military, E1-E6
When: November 1 to November 26
Where: Hall Memorial Lanes
Call 939-3471.



Traditional Turkey Feast

Come be catered to during a special Thanksgiving dinner at the Wreck Center. Sponsored by CPOA and All Faith Chapel.
When: November 27
Time: 1:00 p.m.-5:00 p.m.
Call 939-8660.
Reservations recommended.



	Adult	Child (6-12)
Military	\$9.95	\$4.95
DoD	\$11.95	\$6.95
Community	\$13.95	\$7.95

Old Salty's Comedy Series Wreck Center • 8:30 p.m. 939-8660

• November 28
• December 26
• January 16
• February 14
• March 3

Dancing and Door Prizes Too!

	ADVANCE	DOOR
Active Duty	FREE	FREE
Retired Military/Spouses	\$4	\$6
All Others	\$6	\$8

Auto Hobby Holiday Hours

Auto Hobby is open from 9:00 a.m. to 5:00 p.m. on November 26, December 24 and December 31. For details, call 939-2346.

Wash Me!

Has this been hand written on your car? Don't let it happen to you. Fix your car's dirty looks for only \$1.00. Stop by Auto Hobby to pamper your car with a hot wash and wax-24 hours a day and 7 days per week. Auto Hobby is located at 2630 Inyokern Road and car wash accepts tokens or quarters. Call 939-2346 today!

Color Your Holidays

939-3252

Thanksgiving Quick Craft

Make festive place mats for your Thanksgiving table. Press fall leaves on place mats. It's quick, simple and glamorous!
November 2-2:00 p.m.
November 5-1:00 p.m.
November 6-6:00 p.m.

Military, \$14
DoD, \$16
Community, \$18

Stamp Art

One session-two hour class which teaches rubber art stamps and the uses on paper and other art mediums. Learn embossing, markers and liquid applique to enhance your stamp image. Try making your own holiday greeting cards! Call for fees.

November 10, 9:00 a.m.-12 noon
November 12, 6:00 p.m.-8:00 p.m.
November 18, 1:00 p.m.-3:00 p.m.
December 25, 1:00 p.m.-3:00 p.m.

Oil Painting Masterpiece in Just a Day!

Learn the art of wet-on-wet oil painting. Theme: "Blue Run Creek." Bring your sack lunch and get creative!
Instructor: Don Banfield.

November 15
10:00 a.m. to 6:00 p.m.
Military, \$35
DoD, \$37.50
Community, \$40

Beginners Quilting

What a great way to keep busy and warm during the cold winter months! Supplies are 20% Off for students in class.
Instructor: Charlene Peterson.
November 17, 9:00 a.m. to 12 noon
Military, \$30
DoD, \$35
Community, \$40

SPORTS

1998 championships calendar announced

WASHINGTON — Military athletes, get ready. Here is the 1998 Armed Forces Championship calendar through June.

- Boxing — Port Hueneme, Calif., Feb. 10-15.
- Wrestling — Peterson Air Force Base, Colo., March 24-29.
- Women's Basketball — Pope Air Force Base, N.C., March 30-April 3.
- Bowling — Camp Lejeune, N.C., April 5-11.
- Taekwondo Invitational — Fort Carson, Colo., April 24-26.
- Volleyball — San Diego Naval Air Station, May 3-10.
- Track and Field — Coronado, Calif., June 11-14.

Here is the schedule for U.S. national championship tournaments:

- Boxing — Colorado Springs, Colo., March 15-21.
- Wrestling — Orlando, Fla., April 24-26.
- Women's Basketball — Las Vegas, April 15-19.
- Volleyball — Tucson, Ariz., May 23-30.

Explosive Ordnance Detachment declares results of 10K road race

At the Explosive Ordnance Detachment's 10K road race held Saturday, Oct. 25, 43 runners came out to help the National EOD Scholarship Fund. Co-sponsor of the race was the Over the Hill Track Club.

Ed Park, with a time of 38:42, was the first male finisher. Colleen Dunn, with a 44:09 time, was the first female finisher.

In the men's open division, ages 20-29, the finishers were: Richard Merriman, 40:57; Dave Desantis, 43:39; and Steve Kellogg, 46:04.

In the women's open division, the top finisher was Anna Atkinson at 53:33.

In the men's sub-master division, ages 30-39, the winners were: Ron Seeny, 43:00; Thomas Halley, 43:54; and Steve Boneau, 45:27.

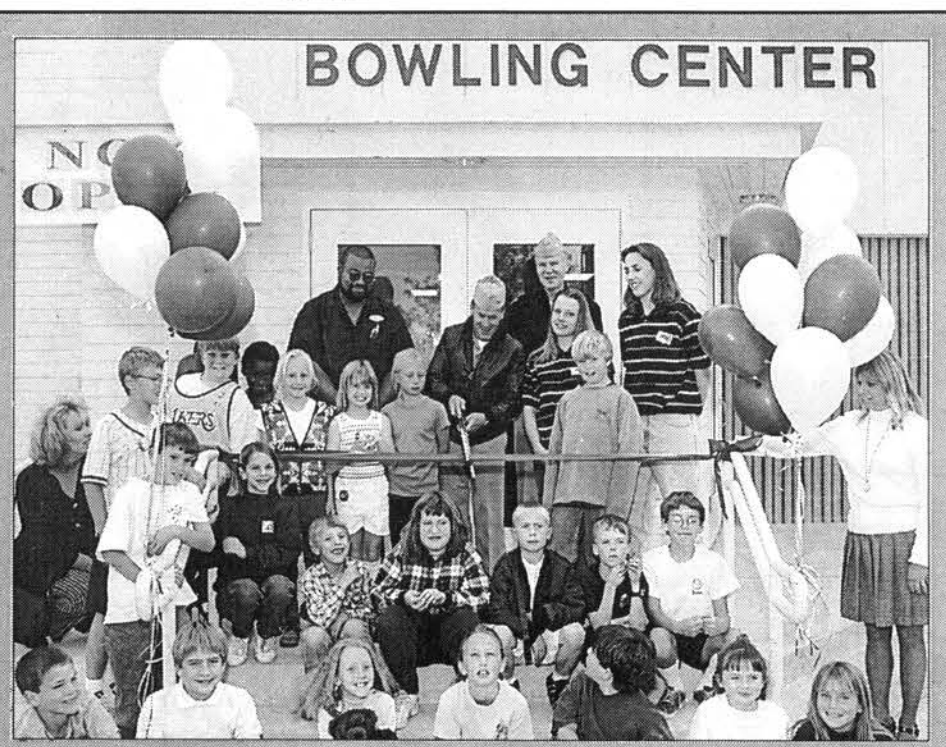
In the women's sub-master division the winners were: Christi Cavin, 57:49; Carla McDonough, 57:57; and Joy Lewis, 58:40.

In the men's master's division, over age 40, the winners were: John Shillings, 40:33; Joe Oliver, 43:16; and Chuck Lewis, 43:34;

In the women's master division the top winners were: Diana Thompson, 45:55; Teri Dalbey, 1:02:07; and Linda Rolphs, 1:04:39.

Hall Lanes reopens

REFURBISHED—Hall Lanes was recently reopened after a facility rehab. Capt. Stan Douglass, NAVS CO, and kids from the Movin' on Up Program cut the ribbon. Also attending were Maintenance Technician R.C. Jackson (left), Chaplain LCDR. Patrick McCormick (right), bowling alleys rec assistants and holding the ribbon, Debra Andersen and Barbara Jubrey. The facility restrooms are now accessible to the handicapped. A leaky roof and worn-out air conditioning system were repaired, the carpet upgraded, and the space is now more customer focused. Hours of operation are Monday and Tuesday, 3-8 p.m.; Wednesday, 3-9 p.m.; Thursday and Friday, 3-10 p.m.; Saturday, noon to 10 p.m.; and Sunday, noon to 9 p.m.



NEX plans holiday events, extends shopping hours

Coloring contest

The Navy Exchange will sponsor a Thanksgiving Coloring Contest for kids up to 12 years old. Entry forms can be picked up at the Customer Service Desk.

Deadline for entries is Nov. 24. Winners will be announced on Nov. 25. Prizes will include gift certificates and lots more. For information, call the Navy Exchange at 446-6707.

Thanksgiving Day holiday hours

NEX Mini-mart — 8 a.m. to 2 p.m.

NEX Autoport — 7 a.m. to 3 p.m.

Main Exchange — closed

Holiday hours

Effective Nov. 30, NEX store hours will be: 8 a.m. to 8 p.m. Monday through Saturday and 9 a.m. to 8 p.m. on

Sundays.

Watch for the Thanksgiving sale on Friday, Nov. 29. Store hours will be 6 a.m. to 8 p.m. There will be a one-hour special sale from 6 to 7 a.m. Highlights will include a "Balloon Mania." Pop a balloon for a chance to get discounts of five to 50 percent. There will be free gifts for every customer (while supplies last), free coffee, balloons for the kids, doughnuts and hourly specials throughout the day.

For that day, there will be free gift wrapping and a chance to pose for a picture with Santa, as well as a Simmons mattress truckload sale.

Special dates to remember

Dec. 4 — NEXtravaganza, 6 to 8 p.m.

'Budgeting for Baby' class helps expectant parents

China Lake's branch office of the Navy Marine Corps Relief Society is offering "Budgeting for Baby," a class for expectant service members, spouses and other eligible family members.

The class is planned for the first Wednesday of each month from 6:30 to 8:30 p.m. The first class scheduled for Dec. 3. It will be taught by NMCRS volunteer Ann Rutherford and NMCRS visiting nurse Trina Gardiner.

Attendees will learn how to prepare a "do-it-yourself" budget and make suggestions for adjustments. Other areas of

discussion will include what to expect when the new baby comes home. Completing a budget is an integral part of the class as it is designed to make service members aware of the increased living expenses occurring with the birth of a new baby.

Attendees at the class will qualify for an NMCRS baby seabag and layette and will not be required to come into the office to have an additional budget prepared. All ranks and paygrades are eligible to attend and receive a seabag and layette. New parents with an infant 30

Dec. 8 — Scavenger hunt.

Dec. 13 — Cookie demo and sampling.

Dec. 18 — Frosty's Frantic Frolic Sale, 6 to 8 p.m.

Dec. 23 — Last Chance Sale.

Dec. 24 — Store hours are 8 a.m. to 3 p.m.

A-OK Student Reward Program

Students in grades K-12 who are dependents of active duty or retired military and who have a 3.0 or better grade point average have a chance to win savings bonds valued at \$2,000, \$3,000 or \$5,000 at maturity.

Bring in your report card to the Navy Exchange for free coupons and entry forms.

Kick the smoking habit on Nov. 20

WASHINGTON (NWSA) — The Navy's Annual Smokeout, in cooperation with the American Cancer Society's Great American Smokeout, will be held Nov. 20.

The Navy endeavors to promote healthy lifestyles and reduce tobacco use to improve the overall health of Sailors and Navy civilians. Although Navy smoking rates continue to drop slowly, the 35 percent average still exceeds the national average of 31 percent. The Bureau of Naval Personnel has provided fleet commanders and major overseas activities smokeout materials for distribution to the fleet.

Research has determined that smoking causes heart disease, cancer, bronchitis, emphysema and other illnesses. Smokeless tobacco can lead to oral cancer, mouth sores and disfigurement. All of these maladies are preventable and have an impact on readiness.

Questions regarding the Navy's Annual Smokeout can be directed to LCdr. Evan Thorley at 703-695-4024 or DSN 225-4024 or e-mail p601@bupers.navy.mil.

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Biography:

RAdm. (select) Rand H. Fisher

Capt. Rand H. Fisher was commissioned an ensign in 1973 upon graduation from the United States Naval Academy with a bachelor's degree in physics. He reported to NAS Pensacola, Fla., where he received a master of science degree in aeronautical systems in 1974 and was awarded his wings in May 1975.

Following designation as a naval aviator, he joined the Light Attack community, reporting through Attack Squadron One Twenty-two (VA-122) to VA-147, flying the A-7E Corsair II while deployed aboard *USS Constellation*. During this tour, he was designated strike flight leader and qualified as an air wing landing signal officer. In October 1978, Capt. Fisher reported to Training Squadron Four (VT-4) at NAS Pensacola as a flight instructor in the T-2C.

Capt. Fisher was designated an aeronautical engineering duty officer in July 1980 and attended the Naval Postgraduate School in Monterey, Calif., for two years, receiving a master of science degree in physics. In October 1982, he reported to commander, Naval Air Forces, Atlantic, as the mission avionics officer. Following this tour, he was assigned to the Pacific Missile Test Center, Point Mugu, as the Unmanned Air Vehicle (UAV) Program officer. Here, he planned and executed the

successful test and evaluation of the Navy Pioneer UAV System aboard *USS Iowa*. In October 1988 Capt. Fisher reported to the Space and Naval Warfare System Command, Washington, D.C., where he served as the Research and Development Program manager; the director, Systems Program Management Division; lead systems engineer for the Naval Space Technology Program; deputy program manager, Special Systems Program Office; and major program manager, Special Systems Program Office. He is currently assigned as the major program manager, Advanced Systems Program Office.

Fisher's promotion to rear admiral was approved this past summer.

He has accumulated more than 2500 flight hours and 260 arrested landings, while qualifying in numerous aircraft, including the T-2C, TA-4J, A-7E, F-14, C-12 and C-131. His awards include the Defense Meritorious Service Medal, Meritorious Service Medal, Joint Service Commendation Medal, Navy Commendation Medal and various service medals and awards.

RAdm. (select) Fisher is married to the former Carolyn Elizabeth Githens of Haddonfield, N.J. They have two children, Mathew and Katherine.

China Lake tidies up

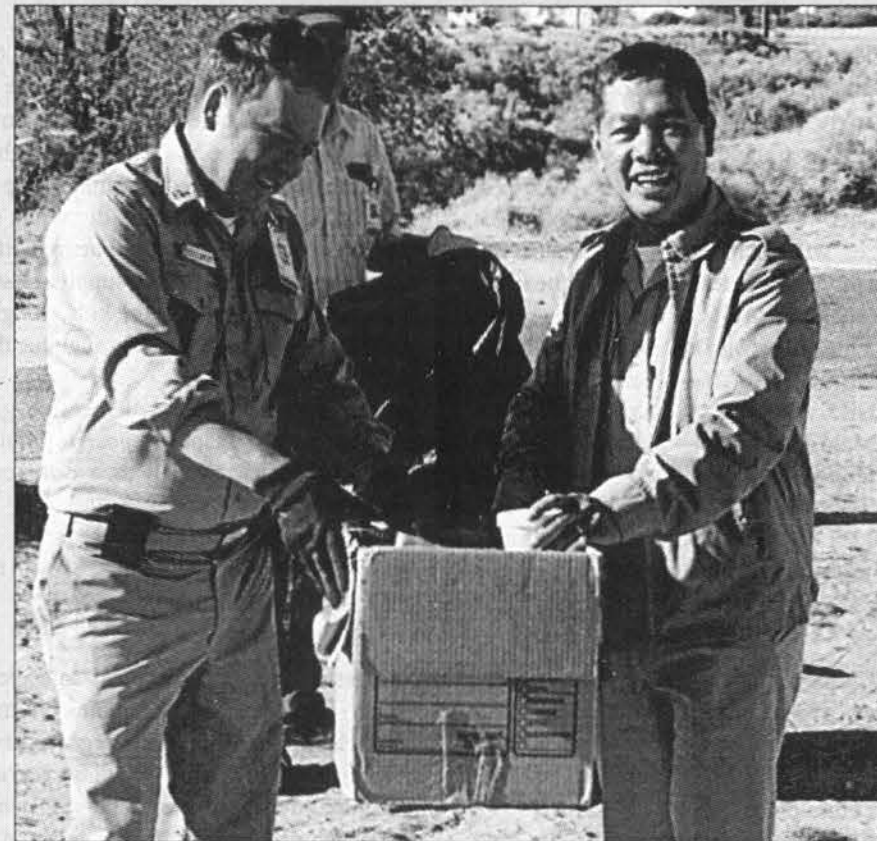


Photo by Kathi Ramont

LOOKIN' GOOD NAWs—A basewide cleanup performed by civilian volunteers and military personnel was held on Oct. 30. AKCS(AW) Jimmy Chiu, AKC(AW) Daniel Samuelson and Dennis Hatzenbuehler were part of a team working near Richmond School. The hard-working group said they were "heading for the golf course." Other areas cleaned up included runways, airfield areas, mainline, housing areas and main roadways. Public Works provided trash receptacles, plastic trash bags and gloves.

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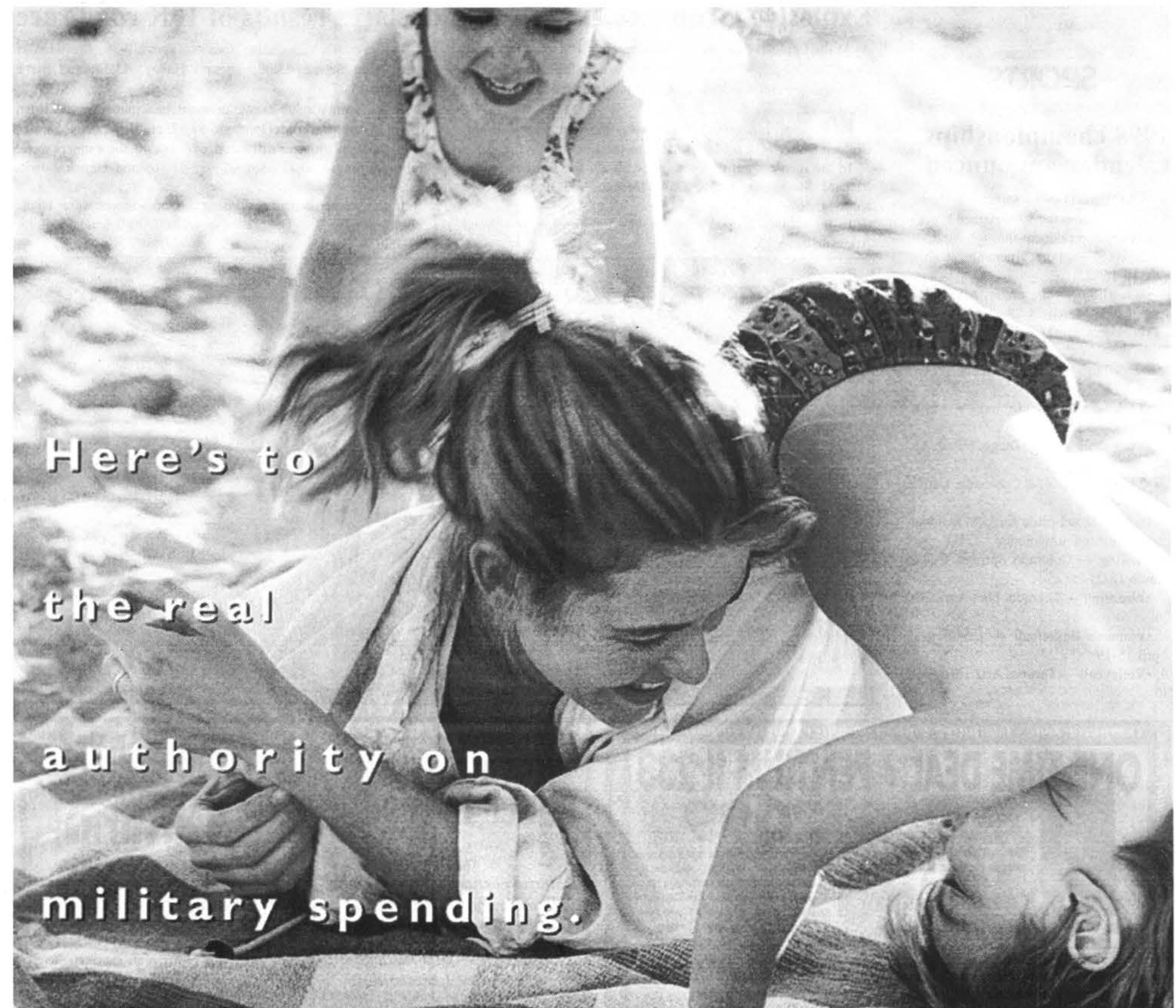
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National Museum of the American Indian: 10,000 years of native heritage

(Editor's note: The following article is published as one means of observing Native American History Month and recognizing the cultures of Native American peoples in the U.S.)

The newest of the national museums under the umbrella of the Smithsonian in Washington, D.C. is the Smithsonian's National Museum of the American Indian. It is dedicated to the preservation, study and exhibition of the life, languages, literature, history and arts of Native Americans. Established by an act of Congress in 1989, the museum works in collaboration with the native peoples of the Western Hemisphere to protect and foster their cultures by reaffirming traditions and beliefs, encouraging contemporary artistic expression and empowering the Indian voice.

The museum's collections span more than 10,000 years of native heritage, from ancient stone Clovis points to modern silkscreen prints. About 70 percent of the one million objects in the collections represent cultures in the United States and Canada; 30 percent represent cultures in Mexico and Central and South America.

The museum, when completed, will include three facilities, each designed following consultations between museum staff and native people:

The George Gustav Heye Center in Manhattan — Indians migrate to New York, now as in the past, for the same reason others do: to seek their fortunes. But beyond that, New York, an ancient place of exchange among Indians, has become a center of new thinking about native cultures.

The National Museum of the American Indian will open on the Mall in Washington, D.C., in 2002, on a site between the National Air and Space Museum and the U.S. Capitol. The new museum will be a center for ceremonies,

performances and educational activities, as well as an exhibition space for Indian arts and material culture.

The Cultural Resources Center in Suitland, Md., six miles from Washington, will replace the museum's Research Branch in the Bronx. Scheduled to open in 1998, the center will serve as home to the museum's collections, library and archives.

For the exhibition and book "All Roads Are Good: Native Voices on Life and Culture," respected singers, storytellers, artists, elders and scholars from native cultures throughout the Americas were invited to the museum to choose objects of personal meaning to them.

Insightful and intensely personal, "All Roads Are Good" weaves together a rich tapestry of old and new Indian folkways. A Crow storyteller recounts Thunderbird sightings. A Seneca museum director suggests that Indians themselves may sometimes help to perpetuate stereotypes. Laser beams and other technologies are the vehicles of a new vision, according to a Cherokee arts educator. A Navajo multimedia artist declares that his work is driven by the need to show that "our culture is not dead."

In "Stories of the People: Native American Voices," Native Americans representing six diverse culture — Northern Plains, Tuscarora, Cherokee, Makah, Quechua and Western Apache — share personal accounts of their origins, the effects of European-American settlement on their communities and their commitment to preserving cultural values for future generations.

This book unites compelling narratives with archival photographs and a rich selection of objects chosen by the authors from the collections of the National Museum of the American Indian. Pottery, baskets, textiles, beadwork and other items highlight the beauty of native artistic expression while they represent a spiritual quality that

transcends the purely aesthetic dimension.

"Wood That Sings: Indian Fiddle Music of the Americas," presented by the National Museum of the American Indian, the first-ever recorded anthology of Native American fiddle music, features performances by Indian musicians from Nova Scotia and Manitoba to North Dakota and Arizona, to Mexico, Peru and elsewhere in Latin America. Using this most popular of instruments as a way to explore the great variety and creativity of Indian musical traditions — from chicken scratch and Santiago dances to the indigenous Apache fiddle — this recording expresses the capacity of native cultures to adapt and synthesize non-native influences.

Native artists representing a range of cultural backgrounds and artistic media created "This Path We Travel: Celebrations of Contemporary Native American Creativity," an installation exhibition based on the travels of 15 Native American artists to sites representing the four cardinal directions, where they conceived works reflecting the traditions and sensibilities of indigenous peoples.

The text is written entirely by Native Americans. Anchored with essays by Lance Belanger (Maliseet) and Frank LaPena (Wintu—Nomtipom). Artists such as Pualani Kanaka'ole Kanahale (Native Hawaiian), José Montaña (Qulla), Dan Namingha (Tewa—Hopi) and others present statements about the project in their own words, accompanied by brief profiles of their lives and works.

"This Path We Travel" reflects the strong thread of cultural and artistic continuity that binds contemporary Native American artists to their artistic forebears. It is a testament to the survival of indigenous innovation and tradition, despite overwhelming historical obstacles.

Roquemoire, Mahoney earn Commander's Awards for CRADA effort

Two Commander's Awards, were recently presented by NAWCWPNS Commander RAdm. Jack Chenevey to Jeff Roquemoire and Tim Mahoney, members of the Airframe, Ordnance and Propulsion Division.

Roquemoire was recognized for his efforts in acquisition reform. According to his nomination letter signed by John M. Robbins, head of the AO&P Division, Roquemoire, as project engineer for the Standoff Land Attack Missile (SLAM) Expanded Response (ER), fos-

tered the formation of a government-industry team through a unique multi-party cooperative research and development agreement.

Working with process engineer Tim Mahoney, Roquemoire revised the loading effort cost estimate. "Teamwork starts at home," wrote Robbins, "and these men have been instrumental in forging and working with China Lake teams across organizational lines as well as with industry."

CRADA partners include members from Alliant Techsystems Inc; Atlantic Research Corporation; Thiokol Corporation; Aerojet-General Corporation; Day and Zimmerman, Inc.; and Hitech, plus the McAlester Army Ammunition Plant, participating under a memo of understanding with the Army. Working with the Technology Transfer Office, the CRADAs and the MOU were signed by Chenevey in January.

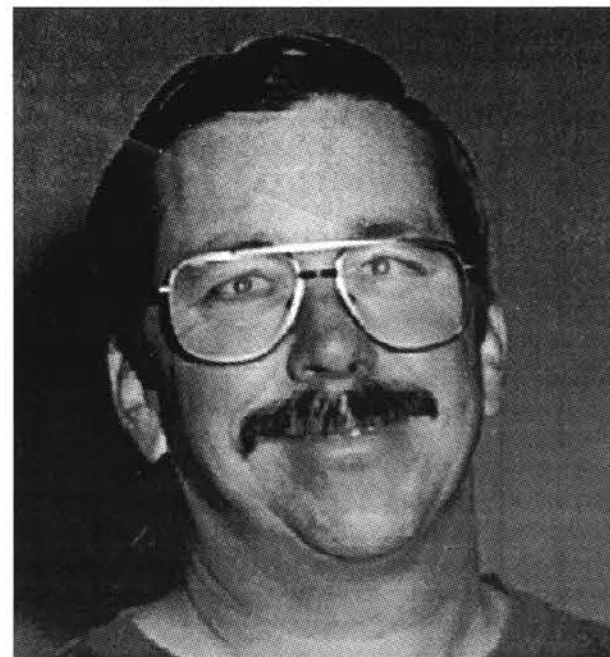
A CRADA is the vehicle by which SLAM-ER loading development is being streamlined and concurrent engineering is being applied. "By teaming with industry, upfront and throughout the development stage," explained Robbins, "both government and industry benefit. Industry gains an understanding of new process requirements, and the government gains an understanding of current commercial capabilities and practices."

The loading development effort has been streamlined by transitioning directly from the design agent to industry with no intermediate steps. "This streamlining has a positive impact on both cost, schedule and risk because of industry early involvement," wrote Robbins. "Concurrent engineering has been brought into play, because industry

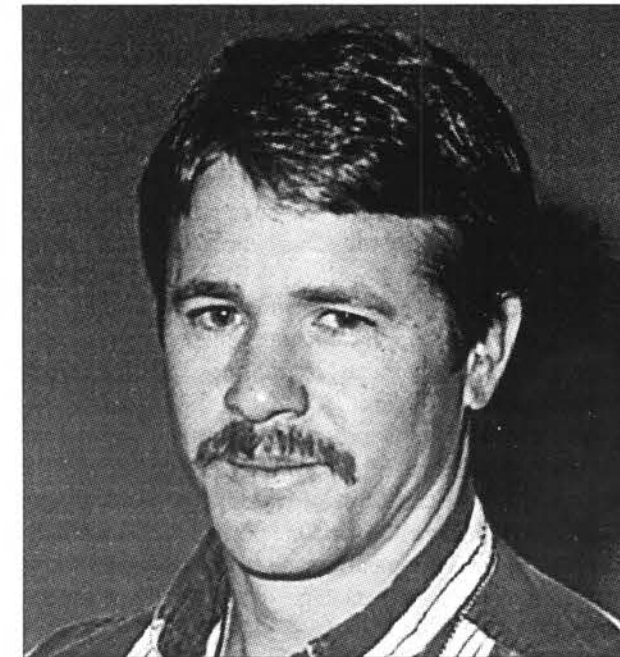
and government work together during development."

Chenevey added, "A government-industry team will enhance the delivery of quality products to the fleet. By removing antiquated steps in the development process, we will save nearly two years in the overall acquisition cycle."

The admiral added, "All of this is due to Roquemoire's and Mahoney's perseverance and dedication to a better way to do business."



Tim Mahoney



Jeff Roquemoire



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Pat Keller honored with ITEA TSPI Award for Optical Systems

By Barry McDonald
Editor

In 23 years of service at China Lake, Pat Keller, of the Metric and TSPI Division, has accumulated a long list of laurels in his career-long effort to advance the precision of time, space, position information (TSPI) for range customers. On Sept. 18 that list grew by one — a very significant one — as the International Test and Evaluation Association (ITEA) presented its TSPI Award in Optical Systems to Keller in Orlando, Fla. Given in several categories, the annual TSPI Awards are presented to individuals with long-term contributions in their fields.

Keller carved his niche in test and evaluation history in 1975 by pursuing and developing a metric video concept for TSPI as a replacement for the five-frame-per-second film TSPI process. Video brought the data rate to 60 frames per second and added the capability of real time recording and transmission and the potential for image enhancement, image tracking and more automated reading.

First used on China Lake's ranges, metric video is now the standard for range TSPI, savings range customers hundreds of thousands of dollars each year. The Air Force and Army have both applied metric video in many forms to their own ranges

and data systems.

The letter by John Denson, nominating Keller for the TSPI Award, chronicles his efforts at perfecting metric video over the years. Keller recognized that to utilize metric video, the exposure of widely separated video sources must be made simultaneous. His development efforts in such synchronization, first using IRIG timing and then GPS as the universal reference, was the basis for several successful generations of monochrome and color, video synchronizers. This work was also the basis for the Range Commanders Council (RCC) document, "Guide to Synchronization of Video Systems To IRIG Timing," which Keller wrote.

The long exposure time of video of cameras in the 1970s resulted in image smear for fast changing images. Working with George Silberberg and Rich White, Keller pioneered mechanically shuttered video cameras. They were designed and built at China Lake and widely used on major test ranges across the country. After patenting, they were commercially produced for use for clear stop-action images for sports training and televised sports events.

Keller was one of the first to electronically gate charge-coupled device (CCD) image arrays, which have replaced the mechanically shuttered cameras in most, but not all, applications. Today, electronic

gating is a common practice for exposure control.

To solve the problems of image scale change and non-linearity in tube-type cameras, Keller collaborated with Jerry Franck and Rictor Swing to laser-etch pin-point markings on the vidicon tube as fixed reference points. These became the standard angular calibration for anyone

trying to extract TSPI data, and this system became commercially available under their patent.

Keller spearheaded an effort to score air-to-ground rockets, projectiles and bombs in near real time using video. He aligned multiple synchronized video cameras and designed a video multiplexer for

Please see next page



INTERNATIONAL HONOR—John Kidder, director of business development for Contraves Brashear Systems, LP (left), presented the glass trophy of the International Test and Evaluation Association Award to Pat Keller, Sept. 18, in Orlando, Fla.

Billy C. Boatright: Life and times, Feb. 5, 1943 to Oct. 30, 1997

(Editor's note: The following is excerpted from the eulogy delivered at the Nov. 3 memorial service for Billy C. Boatright, former F/A-18 IPT lead.)

Billy Carol "Boats" Boatright, was born Feb. 5, 1943, to Norma and Otis Boatright, of Payette, Idaho. Norma had previously given birth to three sons and made a commitment to her family that this time she would have a girl. She picked the name and didn't waver from her commitment, gave birth to her fourth son and named him Billy Carol.

He grew up in Payette and Fruitland, Idaho, entering the University of Idaho as a member of the ROTC under pressure from his brother Jess, a local Navy recruiter. After a missed bid for a Naval Academy appointment, he earned a degree in accounting in 1965, along with his commission.

In his third year at college, Billy met Elaine. They married during his senior year. Boats was introduced to aviation through ROTC flight indoctrination training at the local airport.

Boats and Elaine entered the nomadic Navy life in 1965. As Elaine said, this

was the first time she had been out of her zip code. Off to Pensacola, where Boats chose props, because flying jets was dangerous, and he didn't want to subject his family to unnecessary risks. At Whiting Field, Fla., in Advanced Prop Training, his instructor recognized an aggressive, intense young aviator with real potential. He told Boats, you belong in jets, son, not props. So, as Boats recalled, soon he and Elaine and Christine (born just two weeks earlier) left for Naval Air Station Kingsville, Texas, and jet training.

Early recognition of his skills won him an F-4 seat at NAS Miramar in San Diego. In early 1968, he entered combat with VF-96 the Fighting Falcons over North Vietnam and two combat cruises aboard USS Enterprise.

During this tour, son Daniel, Billy's and Elaine's second child, entered the family. After Vietnam, Boats moved to NAS Oceana, Va., as a RAG instructor with VF-101. There, Boats and Elaine welcomed their final child, John.

Next Boats was Wing Landing Signal Officer with CAG Six, followed by a move to Monterey and the Naval Post

Graduate School. Upon graduation, it was back to Virginia, joining VF-143 flying the F-4. Next Boats transitioned from the Phantom to the new F-14 Tomcat.

Boats became infamous during this period, when he recovered aboard USS Eisenhower in a burning F-14. This fateful day, Boats and his RIO, Alex Sneed, developed a fire in the aft section of their Tomcat. Boats couldn't seem to arouse the sense of urgency from the air boss after reporting his situation, so he flew his burning F-14 down the side of the ship, in an attempt to raise the awareness of all concerned.

After his awareness fly by, the air boss asked him which aircraft he was in and to report his position, since they had lost sight of him in the tower. Boats replied, "I'm the one burning in the grove." Years later, Boats admitted that ejecting from a burning jet, but still flying, simply wasn't an option. As Billy demonstrated all the way to the end, "You never stop flying, you fly it all the way until it just won't fly any longer."

My first words to Billy, 20 years ago, were ones I'll never forget. I mistook him for a chief in the ready room. I was duty officer and Boats was talking with two lieutenants and had his back to me. I had a message for one of the lieutenants and said, "Excuse me chief." He turned and said, "You better look a little closer Ensign."

In 1980, Boats, Elaine and family left fleet life and moved to China Lake in the Weapons Department as military assistant to Dillard Bullard. Billy later told me, it was the closest Navy base to Idaho with F-4s.

When he and Elaine came to China Lake, Billy met an entirely new cadre of friends. Several were his bridge from the operational to the engineering side of the Navy. High on this list was Bullard, who Bill credits with teaching him the ways of laboratory life. Also noteworthy was Jean Printy, Bill's "work wife," as Elaine put it, and as Boats said, "The best gate guard in the business." A brief list of special souls he held in high regard includes Karen Higgins, Bill Porter, Jim Tankersley, Jon Wunderlich, Tom Hamilton, Norm Woodall, Jim Nepsheld, Joe Dyer and Darrell Maxwell. . . just a few who continually entered our conversation to the end.

Boats brought a focused intensity of fleet TACAIR to Michelson Lab and the WSSA. Boats never wavered from a deep sense of responsibility to fellow fleet aviators. If Boats engaged in a topic, program or discussion, he had an opinion and was working a solution path. He was tremendously proud of being selected to lead the F/A-18 IPT after serving in the lab for 15 years. He said he always wanted a squadron — and he finally got one at China Lake. — *Stuart O. Witt*



COMMANDER Billy C. Boatright (left) received the NWC Commander's Award from Capt. K.A. Dickerson in May 1984.



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Tech Library News 'n' Tools

By Cindy Clark

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

"When all else fails, read the directions." We know that the most efficient way to approach building a bike, installing new software or learning how to use an Internet search engine is to read the directions first, but many of us are in too much of a hurry to do so. We often find it more convenient to ask a coworker, a spouse or a teenager to show us how it is done.

The Technical Library staff wants to help you save time and money by showing you how the latest search technology works. We read the directions for you. Let us help you find the information you need, quickly, and show you some of the "bells and whistles" built in to many of the electronic databases. Call the library, and make an appointment to get one-on-one assistance for learning how to use any of the following databases. Drop-ins and telephone calls are welcome, too.

CARL UnCover

This database gives you access to the electronic table of contents of nearly 17,000 periodicals. It is used by library staff to search for citations of magazine and journal articles published since 1988. After identifying information that is

valuable to you, the staff checks to see whether the periodicals containing the articles are among the approximately 300 that are in the Technical Library's collection. UnCover is a free database that can be searched from the Library's On-line Room or from your desktop computer. Interface options are telnet or Web. A telnet link is provided from the Technical Library web site at the bottom of the Internet Resources Page. Select CARL, type "pac" at the "Enter Choice" prompt, then "5" to emulate a VT100. The URL for UnCoverWeb is <http://uncweb.carl.org/>. You can log onto both sites as a guest, so press return whenever profile or password are requested, or select "Search UnCover Now" on the Web. Library staff can talk you through searches of the database or perform a search for you at no charge.

Internet

The Internet is just one of the tools used by the library reference staff when searching for information. Search engines such as AltaVista at <http://www.altavista.digital.com> often default to a simple search option. Take a few minutes to read around a site's pre-

Save time and money by learning a few new tricks

sending page and you will often see an advanced search option. If you select the advanced option in AltaVista, you can also limit your results by a date range and rank the results by adding additional keywords. Both the simple and the advanced search pages have help buttons. It is worth a few extra minutes to print the help pages, which in AltaVista would explain to use "+" during a simple search, but to spell out "and" in the advanced option. Not everything is on the Internet, and what is there needs to be evaluated. If you don't get results from a search, let the library reference staff help you refine your search. It is amazing what can be found on the Internet when you know a few tricks of the trade.

STILAS

Since May 1996 library users have been using the STILAS (Scientific and Technical Information Library Automation System) on-line catalog to help locate reports, periodicals and books in the library's collection. The search screens are easy to maneuver once you have learned a few basics due to the user-friendly graphic interface.

Library staff can show you the added

benefits of using this system such as "Qualify" and "pubyear," which let you specify type of material or a range of years that you want to limit your search results to. The pubyear button comes in handy when trying to narrow 2,881 found records on a subject search using the word missile\$. (a truncation symbol, "\$," that allows you to search on variant endings of a root word.) By typing 1990-1997 in the pubyear window, the results list narrows to 33 items, a more manageable amount to review. STILAS is also available through the Library's web site at <http://www.nawcwpns.navy.mil/~teclib/>. A new user's guide for STILAS searching is available at the library. Call if you would like copies guard-mailed to your code.

New materials

Library staff ordered 146 books in the past three months alone. If you have not been to the library recently, stop in and check the New Books Shelf. New books are added daily. Other options include logging onto STILAS from the Technical Library's Internet web site and searching by "pubyear: 1997" or "pubyear: 1996-1997" to see what has been cataloged into the collection. The "Our Collection" icon on the Web page lists new materials by month and is another way of searching for books and reports.

For more information, call the Information HUB desk at 760-939-3389 (DSN 437-3389).

BIONIC SOUND SOURCE from Page 10

of very short duration, which results in limited range capabilities. The larger bandwidth expected from an odontocete-based bionic sound source would increase the ability to measure time and range accurately and would increase the number of channels available to carry information about target characteristics. Another benefit of such a sound generation system is that it would be "stealthy," devoid of an electronic or magnetic signature. "It is also conceivable," notes Cranford in his proposal, "that if we imitate the sperm whale signal, we could produce a mimic of the loudest naturally occurring sonar signal and yet remain

undetected or indistinguishable from sperm whales."

Besides the application of such a system to operational submarines, Cranford sees a significant potential application to small unmanned subs, which could be used for hunting and locating mines. "We already have dolphins trained to do that," he said, "but in a war zone you wouldn't have to retrieve an autonomous submarine, but the highly trained dolphins are too valuable to abandon."

The Navy will never have a bionic whale, but owing to Ted Cranford's efforts, it may be able to reap some of the benefits of whales' remarkable capabilities.

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KELLER from Page 8

splitting and mixing their images. One operator can see several images of the impact area on a single screen. By entering the position in the image of the impact into a computer, the operator gets a solution back to the pilot long before the aircraft can line up for another shot.

Two different encoding schemes for putting machine readable supplemental data, such as time, azimuth and elevation angles, in the picture are also in Keller's bag of accomplishments. After considerable investigation and development at China Lake, he was the principle author of specifications and standards adapted by the RCC Optical Systems Group for this encoding. Most test ranges now use off-the-shelf commercial hardware that follow these standards to encode and decode supplemental data.

During the late 1980s, with Dave Stone and Phil Martin, Keller developed a real-time color-classifier. Used in conjunction with a video tracker, the system can automatically track targets of preselected colors. Working with engineers at Edwards AFB, Jerry Taylor and others in Optical Data Reduction Branch at China Lake and TAU Corporation (now Televere), he developed an image processor tailored to quickly identify and measure target information in image sequences consisting of many thousands of images. A commercial product, the TAU Eagle, resulted from this work. TAU Eagles are used at China Lake and other ranges to make TSPI data

products available in hours at a cost of hundreds of dollars and not days for thousands of dollars.

In an attempt to extend the useful range test time to include twilight conditions, and to provide image sequences faster than the 60 per second of standard video, Keller joined with Jon Rogerson, who was working to develop a video camera with high speed and high light sensitivity for X-ray videography of firing rocket motors. Rogerson had conceived how to build a compound intensifier that could supply the very high light levels required by the high speed video cameras available then. Rogerson and Keller, working with Varo, an intensifier manufacturer, and Spin Physics, a high-speed video camera manufacturer, developed a practical working system. Commercial products based on this work were developed by Spin Physics, which became a division of Kodak. When used with typical long-focal-length lenses in the test range inventory, intensified video cameras could extend the workday and even produce some useful images in moonlight.

A gray scale corrector that automatically scales video levels on a pixel-by-pixel basis and substitutes neighboring gray level averages for pixel defects in real time for intensified CCD cameras was also developed. This not only improved the visual appeal but was critical to video tracker performance. However, new requirements were emerging that could

not be supported with intensifier technology. Full night testing was becoming more frequent for cruise missile development, and tracking the new, long-stand-off, aircraft-launched, weapons was proving a serious problem. On most days, at medium distances, the area haze causes moderate image degradation. However, on many days it makes long-range optical tracking impossible. Even the instrumentation radars rely on optical tracking at weapon separation. Keller headed a study to apply infrared technology to solve these problems. The conclusion was that, if suitably applied, infrared could provide suitable images at night and in haze, but that there were no suitable products commercially available to do the job.

Haze and night operations problems occur at many other test ranges. In conjunction with Bob Harrimann, Keller wrote a development proposal to solve this problem. The metric IR camera project, Metric Infrared Imaging System (MIRIS), a \$4.2 million test technology, development and demonstration (TTD&D) project, is still in process. MIRIS is intended to provide a nighttime and reduced visibility metric TSPI capability for uncooperative test items. It involves development of a sensitive IR focal plane array and the electronics necessary to produce video at variable frame rates, development of a digital recording capability for variable frame rates and high gray scale accuracy, and the develop-

ment of a low-cost, long-focal-length, lightweight IR telescope. Now in final development, the project will field three complete MIRIS systems at China Lake.

Keller's technical expertise is recognized by his peers at every major range nationwide. Actively involved in the Range Commanders Council, which operates at the national level to coordinate and communicate between test ranges, he has served multiple terms as chairman of the Video Committee of RCC/OSG. As such he is involved in standardizing range technologies, processes and data formats. He has written or been involved in writing many standards and specifications.

Keller is also an active member of the Society of Photographic Instrumentation Engineers, ITEA, and has held offices in the local chapter of the Institute of Electrical and Electronics Engineers.

His other awards include the Technical Director's Award, March 1979; Hack Wilson Awards (for patents of significant benefit to the government), 1981 and 1983; Chief of Naval Material Productivity Fellowship Award, July 1982; William B. McLean Award, 1984; and he was named a Naval Weapons Center Fellow in 1990 and Naval Air Warfare Center Weapons Division Senior Fellow in 1995.

He is the holder of four patents, and he has authored or co-authored more than a dozen publications.

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BIOSONAR from Page 1

the reflected echos to determine their whereabouts or detect prey and predators — much the same as Navy submarines use sonar signals for their navigation and tracking systems.

"I've used CT scanning systems in medical facilities before to scan dolphins and other species," said Cranford, "but this baby sperm whale's head is 48 inches long and 41 in diameter. No one in the civilian world had a CT scanner big enough or powerful enough to handle it."

Through his Navy connections at SPAWAR, Cranford learned about China Lake's large rocket motor CT scanner and visited Moody and the facility to discuss his initial plans to scan a gray whale's head.

"But getting this sperm whale was a very pleasant surprise and offered a great opportunity I just couldn't pass up," he said. He explained that the sperm whale is an enigma. According to his project proposal, "They are the largest toothed whale, possess the largest brain of any animal on earth, hold the underwater diving record and produce the loudest sound from the largest and most asymmetric nose (the right side is seven times the size of the left) that has ever existed . . . it has also been reasonably conjectured that these sounds might also be used to debilitate prey."

Two colleagues from Santa Cruz, where he attended the University of California, surprised him with the fact that they had collected the head of a newborn sperm whale. The baby died after coming ashore near Santa Cruz, before rescuers from the Stranding Network could rescue and rehabilitate it. They had immediately frozen the head in anticipation of giving it to Cranford for his studies.

"Very little is known about sperm whales," he said.

"They live in all regions of the world, but only a few anatomic descriptions have ever been published. First, because they are so immense it's hard for the biologist to have a sense of perspective when dissecting the animal. And secondly, many of the specimens have been decaying at sea for days before anyone gets a chance to examine them. But this one was frozen within hours of its death. It's a very fresh specimen and it's the first time anyone has had the chance to observe the undisturbed geometry of the sound apparatus that comprises most of the huge forehead."

The biologist explained that the anatomy of the forehead is complex and difficult to make sense of in the context of the whale's natural history. The forehead contains fatty material that cannot be metabolized, because it is poisonous to the whale. "This is important, because there is an immense energetic investment in these fatty structures that can't be used otherwise," he said. "So the structures must serve a very important function. I suspect it

has to do with their sound generation abilities."

Cranford said no one thought he could really get a good scan of the large whale's head, and no one would fund the effort. So he paid for the scan at China Lake with funds from his own consulting business.

"But they were wrong," he said of the naysayers, as the tedious process continued into its third day. In all he got 161 cross-section image "slices," each a quarter of an inch thick. "I'm getting better images than I expected, and Bettye, Tim and George and all of the people out here have been great. Nothing we encountered was insurmountable for them. We had to stay here around the clock Wednesday night to keep on schedule to get it done before there was much decomposition. I couldn't have expected that kind of cooperation, but everyone kept a great attitude and has been very helpful and personable."

The next step for Cranford will be to use the CT scan slices to build a 3-D image of the head.

The NASA-Ames Biocomputation Center at Moffett Field, Calif., has awarded Cranford a grant to conduct the segmentation and 3-D reconstruction effort. Besides giving biologists the first look at the sperm whale's dramatically asymmetric nose, Cranford's project will provide a computational model,



Photo by Joy Lewis, TID
WHALE'S head was packed in dry ice during CT scanning at CLPL's Non-Destructive Test Facility.

Rescue effort, quick thinking lead to research opportunity

When Bud and Lud McCreary and Frank Hutchinson saw a whale stranded on the beach 100 feet below the bluffs near Big Creek Lumber Company, they weren't thinking about improving future Navy sonar systems. Their only thoughts were about how they might rescue the whale.

From their vantage on the cliff they could see the whale was alive when it first stranded on the isolated and difficult-to-reach beach. It died before they could get to it. There was no mother whale in sight, so they called the UC Santa Cruz Joseph Long Marine Lab. Drs. Dave Casper and Frances Gulland, veterinarians from the lab, and Sean Van Sommeran, director of the Pelagic Shark Research Foundation, responded.

According to Casper, the McCrearys, who own Big Creek Lumber, have always been willing to help the marine lab. Ano Nuevo Island, just off the coast at Big Creek, is a breeding rookery for elephant seals, sea lions and sea birds. It is a research reserve that is intensively studied by the scientists at the lab. When scientists are living on the island, the radio connections to the marine lab are often cut off due to bad weather and the rough nature of the coastline. The crew at Big Creek often relays radio messages from the island to the lab. In addition, the McCrearys have often used their heavy equipment to help with whale strandings.

When the decision was made to save the whale's head for Dr. Ted Cranford, the McCrearys offered their help to get it to the lab.

"Frank Hutchinson (who works at the lumber company) drove a loader down a narrow

switchback on the cliff face," explained Casper. Hutchinson, in fact, maintains the switchback as the only vehicular access to that section of the coastline. "Frank gently moved the whale for us using a six-inch wide truck tie-down webbing tied around the tail stock. The whale was pulled above the tide line so we could work away from the surf of the rising tide. When the head was removed, Fred gently picked it up with the bucket of the huge loader, normally used for moving huge redwood logs. It was an amazing thing to watch as the dinosaur-sized machine so gently moved the whale."

As Frank expertly maneuvered the four-wheel-drive loader with the precious cargo in its bucket up the switchbacks of the cliff face, Casper and he chatted about past whale strandings on this part of the coast. Humpbacks and Gray whales are the most common strandings. It's unusual to have a sperm whale, and a baby at that, the vet said.

"It was Ted Cranford (then a graduate student at the marine lab)," he said, "who dissected the last immature sperm whale that stranded on this section of the coast seven or eight years ago. It stranded right in the middle of Capitola, a popular tourist beach town south of (Santa Cruz) and right in the mid-

which will allow him to simulate sound propagation in the sperm whale's head and eventually to test hypotheses about their hearing, sound production and acoustic prey debilitation capabilities.

This work could eventually lead to naval applications of the technology. Of particular value to the Navy is the broad bandwidth of the sonar signals produced by odontocetes. The piezoelectric elements that comprise many Navy sound sources operate efficiently within a narrow bandwidth and other types of impulsive sources are ineffective, either because of narrow bandwidths or because

Please see **BIONIC SOUND SOURCE**, Page 12

dle of the holiday season. It's kind of funny to think of how the marine lab, Ted and I had to negotiate with the Capitola Police, the mayor, the National Marine Fisheries Service and even the Coast Guard over the terms of the dissection. The town did not want its beach to become a gory spectacle at the height of the tourist season. In the end everyone was happy, and Ted had his first opportunity to study a sperm whale."

Once they reached the top of the bluff, Fred neatly dropped the whale head on the bed of a waiting truck and off it went to one of the walk-in freezers at the lab.

Cranford was notified of the size of the head. It was too big to be scanned in even the largest human scanner and that's when the China Lake story began. — **Barry McDonald**



VETERINARIAN Dave Casper called for help in removing the infant sperm whale's head.

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Location: Commander, Operational Test and Evaluation Force, Norfolk, VA (UIC: 57023), Duty Location: VX-9, China Lake, CA

Opening Date: 10-29-97
Closing Date: 11-19-97
Hours: Monday-Friday 7:30 a.m. - 4:00 p.m.
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Duties: Incumbent functions as a LAN administrator for two LANs. Maintains LAN management and system support software. Coordinates work with others developing related test procedures to ensure the proper hierarchical test and evaluation of LAN software. Responsible for monitoring, managing, troubleshooting, and maintaining all network servers and peripherals; analyzes specific requirements of the functional Banyan Vines and Windows NT LANs and/or application systems; studies related work processes and develops suited for the design of comprehensive and efficient automated programs.

Notes: (1) If a selection is made below the full-performance level, selectee may be promoted without further competition. (2) Selectee will be required to participate in direct deposit/electronic transfer as the standard method of payment. (3) Position is located at VX-9, China Lake, Calif. Permanent change of duty station costs will not be paid.

Qualification Requirements: To be eligible applicants must have the amounts of experience required by published Qualification Standards Manual. Applicants must have one year of specialized experience equivalent to at least the next lower grade level and/or rating factors relevant to this vacancy.

Evaluation Method: Applicant's experience, pertinent education, and self-development will be considered in the rating and ranking process. All eligible applicants will be ranked on the element factors below. These factors, which are assigned values and defined by a crediting plan, are the knowledge, skills, and abilities (KSAs) essential for satisfactory employee performance.

Note: Applicants should list each element factor and answer separately on supplemental sheets of paper and attach to the application/resume.

Knowledge, Skill, and Ability: It is to the applicant's advantage to provide detailed descriptions/examples of their work experience and education which provided them with the following knowledge, skills and abilities: (a) Knowledge and experience in the installation, testing, and evaluation of Banyan Vines and Windows NT hardware and LAN peripherals. (b) Knowledge of LAN management to include Banyan Vines, Windows NT, and single-user application software. (c) Knowledge of Banyan Vines and Windows NT operating and analysis techniques to serve as monitor and operations trouble-shooter. (d) Knowledge of Federal, DOD, and Naval policies, rules, and regulations regarding information Systems (IS) and IS Security.

Additional Information:

1. Applicants for the position should ensure that the following guidelines are adhered to as appropriate:

a. It is essential when completing the application/resume that applicants specify for each position held the accurate title (series and grade if Civil Service), the exact beginning and ending dates, and the number of hours worked per week. An applicant otherwise qualified may be rated ineligible due to failure to provide proper information.

b. Credit will be given for unpaid experience or volunteer work such as community, cultural, social service, and professional association activities on the same basis as for paid experience. To receive proper credit, applicants must show the actual time (number of hours per week) spent in such activities.

2. Applicants should be aware of the following procedures regarding the position and the processing of applications:

a. Filing of the position is subject to requirements of the DOD Program for the Stability of Civilian/Employee.

b. HRO Norfolk does not have facilities to duplicate applications. By regulation, applications submitted under this bulletin become the property of HRO Norfolk and cannot be returned.

3. Forms to file:

• SF-171 or Optional Form 612, Optional Application for Federal Employment.

• Resume

• Answers to Element Questions (Knowledge, Skills, Abilities (KSAs))

• Veteran's Preference. The required documentation specified on the reverse side of the SF-15 must be submitted with your application to support your claim for or 10-point Veteran's Preference.

4. Filing Instructions:

• Faxed applications will not be accepted.
• To ensure proper consideration, applicants should put the announcement number of the position applied for on their application/resume.

• Submit completed forms to be received or postmarked by close of business on the closing date to

Director
Human Resources Office
487 East C Street, Code 20
Norfolk, VA 23511-3997

5. For further information regarding the position, contact:

• Britt Hartzell, VX-9 Information Resource Manager, (760) 939-4978
• Kim Rusk, VX-9 Operations Research Analyst, (760) 939-5762

Human Resources Office, Norfolk, Virginia Merit Promotion Program Vacancy Announcement

Position: Operations Research Analyst, GS-1515-12/13 (PD No. 4532A/B)

Hours: Monday-Friday 0730 to 1600.
Telephone: (757) 444-7542, Recording: (757) 444-7541

Location: Commander, Operational Test and Evaluation Force, Norfolk, VA (UIC: 57023)
Duty Location: Point Mugu, Calif.

Closing Date: 21 November 1997.

Position Designation: Critical

Security Clearance: Top Secret

Area of Consideration: Appointable employees of Federal Activities Nationwide and spouses with appointable status of relocating active-duty military members and DOD civilian employees during the 30 days preceding through the 6 months following sponsor's relocation to the commuting area, ICTAP (Interagency Career Transition Plan) eligible employees within the commuting area of Point Mugu, Calif. Announcement No. NB/1992/BK/C7.

An applicant tentatively selected for this position will be required to submit to unanalysis for illegal use of drugs prior to a final selection. (Exception: if the applicant currently occupies a Department of Defense testing designated position (TDP)). The selection is contingent upon a negative drug test result and, thereafter, the employee will be subject to drug testing on a random basis as the incumbent of a TDP. All individuals will have an 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 the servicing human resource office before a final selection is made. A verified positive drug test result of a current Department of Navy employee will also be provided to the employing activity/command.

Selectee will be required to participate in direct deposit/electronic fund transfer as the standard method of payment.

Notes: (1) No relocation expenses will be paid. (2) If selection is made below the full performance level (GS-13), selectee may be promoted without further competition. (3) Attach a copy of college transcripts for verification of education requirements. (4) Employee may be required to travel up to 25% of the time.

If you are a displaced Federal employee, you may be entitled to receive special priority selection under the ICTAP. To receive this priority consideration you must

a. Be a displaced Federal employee. The following categories of candidates are considered displaced employees:

1. Current or former career or career condition (Tenure Group I or II) competitive service employee who: (a) received a reduction-in-force (RIF) separation notice; or (b) separated because of a compensable injury whose compensation has been terminated and whose former agency certifies that it is unable to place them, or (c) retired with a disability and whose disability annuity has been or is being terminated; or (d) upon receipt of a RIF and submits a Standard Form 50 that indicated "Retirement in lieu of RIF"; or (e) retired under the discontinued service retirement option; or (f) was spirited because she/he declined a transfer of function or directed reassignment to another commuting area. or

2. Former Military Reserve or National Guard Technicians who are receiving a special Office of Personnel Management (OPM) disability retirement annuity under Section 8337 (h) or 8456 of Title 5 USC. (Include a copy of your eligibility letter from National Guard or Military Reserve.) or

b. Be applying for a position at or below the grade level of the position from which you are being separated. The position must not have greater promotion potential than the position from which you were separated.

c. Have a current (or last) performance rating of record of at least Fully Successful or equivalent. This must be submitted with your application package.

d. Occupy or be displaced from a position in the same commuting area of the position for which you are requesting priority consideration.

(e) File your application by vacancy announcement closing date and most all the application criteria. You must submit a

copy of the appropriate documentation, such as a RIF separation notice, a letter from OPM, or your agency documenting your priority consideration.

(f) Be rated well-qualified for the position. An eligible ICTAP applicant is determined to be well qualified if he/she meets the following: OPM qualification standards for the position is physically qualified with reasonable accommodations, where appropriate, to satisfactorily perform the duties of the position upon entry and is rated by the organization at least the middle of a 3-level rating system on all ranking factors.

Duties: Provide consultative services to Operational Test Directors (OTDs) on projects requiring analytical studies using scientific methods, design analysis, and reporting requirements of operational testing. Provide advice and guidance on the selection, acquisition, and application of computer simulations. Assist OTDs with developing and writing data analysis reports, test plans, and other documentation associated with operational testing. Conduct analytical studies using methods involving statistics, operations research, or reliability. Perform analysis and evaluations of the performance of complex systems including aircraft and weapons systems. Perform test planning, planning test geometries and profiles, exercise reconstruction, data collection, reduction and analysis, and computer simulation analysis. Plan and execute radar effectiveness tests, air-to-ground weapon effectiveness tests, missile effectiveness tests, and operational testing of electronic warfare systems.

Qualifications: To be eligible, applicants must have the amounts of general and/or specialized experience required by the published qualifications standards. For General Schedule positions, such experience must be at a level sufficient to satisfy time-in-grade and quality-level stipulations as of the closing date of the announcement. The following experience and/or rating factors are relevant to this vacancy: must have completed 4 years or more in an accredited college leading to a bachelor's degree, which included 24 hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science or subject matter courses requiring substantial competence in college level mathematics or statistics. At least 3 of the 24 semester hours must have been in Calculus. Rating Factors: The knowledge, skills, and abilities of the following are of critical importance: (1) Knowledge of F-14 software development process, AWG-9/AGP-71 radar modes, AWG-9/AGP-71 ECCM modes, AIM-7, AIM-9, AIM-54 and AIM-120 air-to-air missiles, and a wide range of other aircraft and weapons systems. (2) Knowledge of the statistical methodology, operations research techniques, and reliability analysis. (3) Skill in programming, verification, validation, and accreditation of computer simulations of complex systems primarily aircraft and weapons systems. (4) Knowledge of the current Navy and Marine Corps tactical aircraft, software, weapons systems, avionics, and upgrades.

Instructions for Application: Unless otherwise noted above, applicants MUST submit a completed SF-171 (list your current performance rating record and, if rating is not available, submit a statement to the effect and the reason. Mail documents to "ATTN: Code 20, HRO Norfolk, 487 East C Street, Norfolk, VA 23511-3997". All applicant information must be received by 4:00 p.m. on the closing date of the announcement.

Position: Operations Research Analyst, GS-1515-12/13 (PD No. 4531A/B) (more than one vacancy).

Announcement No: NB/1993/BK/C7.

Location: Commander, Operational Test and Evaluation Force, Norfolk, VA (UIC: 57023).

Duty Location: China Lake, Calif.

Closing Date: 21 November 1997.

Position Designation: Critical

Security Clearance: Top Secret

Area of Consideration: Appointable employees of Federal Activities Nationwide and spouses with appointable status of relocating active-duty military members and DOD civilian employees during the 30 days preceding through the 6 months following sponsor's relocation to the commuting area, ICTAP (Interagency Career Transition Plan) eligible employees within the commuting area of China Lake, CA.

Note: An applicant tentatively selected for this position will be required to submit to unanalysis for illegal use of drugs prior to a final selection. (Exception: if the applicant currently occupies a Department of Defense testing designated position (TDP)). The selection is contingent upon a negative drug test result and, thereafter, the employee will be subject to drug testing on a random basis as the incumbent of a TDP. All individuals will have an 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 the servicing human resource office before a final selection is made. A verified positive drug test result of a current Department of Navy employee will also be provided to the employing activity/command.

Selectee will be required to participate in direct deposit/electronic fund transfer as the standard method of payment.

Notes: (1) This position is located in China Lake, Calif. No relocation expenses will be paid. (2) If selection is made below the full performance level (GS-13), selectee may be promoted without further competition. (3) Attach a copy of college transcripts for verification of education requirements. (4) Employee may be required to travel up to 25% of the time.

If you are a displaced Federal employee, you may be entitled to receive special priority selection under the ICTAP.

To receive this priority consideration you must:

a. Be a displaced Federal employee. The following categories of candidates are considered displaced employees:

1. Current or former career or career condition (Tenure Group I or II) competitive service employee who: (a) received a reduction-in-force (RIF) separation notice; or (b) separated because of a compensable injury whose compensation has been terminated and whose former agency certifies that it is unable to place them, or (c) retired with a disability and whose disability annuity has been or is being terminated; or (d) upon receipt of a RIF separation notice, retired on the effective date of the RIF and submits a Standard Form 50 that indicated "Retirement in lieu of RIF"; or (e) retired under the discontinued service retirement option; or (f) was spirited because she/he declined a transfer of function or directed reassignment to another commuting area. or

2. Former Military Reserve or National Guard Technicians who are receiving a special Office of Personnel Management (OPM) disability retirement annuity under Section 8337 (h) or 8456 of Title 5 USC. (Include a copy of your eligibility letter from National Guard or Military Reserve.) or

b. Be applying for a position at or below the grade level of the position from which you are being separated. The position must not have greater promotion potential than the position from which you were separated.

c. Have a current (or last) performance rating of record of at least Fully Successful or equivalent. This must be submitted with your application package.

d. Occupy or be displaced from a position in the same commuting area of the position for which you are requesting priority consideration.

e. File your application by vacancy announcement closing date and most all the application criteria. You must submit a copy of the appropriate documentation, such as a RIF separation notice, a letter from OPM, or your agency documenting your priority consideration.

f. Be rated well-qualified for the position. An eligible ICTAP applicant is determined to be well qualified if he/she meets the following: OPM qualification standards for the position is physically qualified with reasonable accommodations, where appropriate, to satisfactorily perform the duties of the position upon entry, and is rated by the organization at least the middle of a 3-level rating system on all ranking factors.

Duties: Provide consultative services to Operational Test Directors (OTDs) on projects requiring analytical studies using scientific methods, design analysis, and reporting requirements of operational testing. Provide advice and guidance on the selection, acquisition, and application of computer simulations. Assist OTDs with developing and writing data analysis reports, test plans, and other documentation associated with operational testing. Conduct analytical studies using methods involving statistics, research, or reliability. Perform analysis and evaluations of the performance of complex systems including aircraft and weapons systems. Perform test planning, planning test geometries and profiles, exercise reconstruction, data collection, reduction and analysis, and computer simulation analysis. Plan and execute radar effectiveness tests, air-to-ground weapon effectiveness tests, missile effectiveness tests, and operational testing of electronic warfare systems.

Qualifications: To be eligible, applicants must have the amounts of general and/or specialized experience required by the published qualifications standards. For General Schedule positions, such experience must be at a level sufficient to satisfy time-in-grade and quality-level stipulations as of the closing date of the announcement. The following experience and/or rating factors are relevant to this vacancy: must have completed 4 years or more in an accredited college leading to a bachelor's degree, which included 24 hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science or subject matter courses requiring substantial competence in college level mathematics or statistics. At least 3 of the 24 semester hours must have been in Calculus. Rating Factors: The following knowledge, skills, and abilities are of critical importance: (1) Experience with FA-18 with FA-18 software development process, APG-65/73 radar modes, APG-65/73 ECCM modes, AIM-7, AIM-9 and AIM-120 air-to-air missiles, semi-active and active missile guidance techniques, current ECCM techniques of air-to-air missiles, and the APG-65/73 radar systems. (2) Knowledge of the full realm of electronic warfare techniques and capabilities including current radar warning receivers, current defensive electronic countermeasures (DECM) systems, airborne and ground-based search and tracking radar and airborne radar jammers. (3) Skill in programming, verification, validation, and accreditation of computer simulations of complex systems, primarily aircraft and weapons systems. (4) Knowledge of the current Navy and Marine Corps tactical aircraft, software, weapons systems, avionics, and upgrades.

Instructions for Application: Unless otherwise noted above, applicants must submit a completed SF-171. (List your current performance rating record and the date it was issued.) If rating is not available, submit a statement to the effect and the reason. Mail documents to "ATTN: Code 20, HRO Norfolk, 487 East C Street, Norfolk, VA 23511-3997". All applicant information must be received by 4:00 p.m. on the closing date of the announcement.



NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS



ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

FALL 1997 SECURITY REFRESHER

The Fall 1997 security refresher is now available on the NAWCWPNS Intranet. All employees who have a security clearance are required to read the brief. To access the refresher, use your internet browser, and at the address line type:

vulcan/security OR http://129.131.102.118/security/.

If you did not take the last electronic refresher, it is also available at the same site. Point of contact is Linda Hall, China Lake: 939-0985, Point Mugu: 989-5466.

FACSIMILE (FAX) MACHINE, TYPEWRITER, AND SHREDDER MAINTENANCE CONTRACTS

The Acquisition Support Branch (Code 721200D) of the Information Management Department has contracts for maintenance and repair of fax machines, typewriters, and shredders at the China Lake and Point Mugu sites. These are "per call" contracts providing remedial and preventative maintenance. These are NOT MANDATORY contracts, but they have been initiated to provide primary or alternative service support for fax machines, typewriters, and shredders regardless of manufacturer or model. Machines do not need to be on the contracts to be serviced.

For service at China Lake, contact the Customer Service Center at 939-1200 (DSN 437-1200). At Point Mugu, the Customer Service Center can be reached at 989-8083 (DSN 351-8083). The following information is required to initiate a trouble call: make, model number, serial number, bar code/minor number, job order number, point of contact, code, telephone number, location, and a brief description of the problem. If prior arrangements are required for the contractor to gain access to the work site, this information should be provided also.

Questions/problems may be directed to Linda Dailey, Code 721200D, 939-7283 (DSN 437-7283).

FREE SCREENING FOR DEPRESSION

Employees and their families can access a confidential depression screening program by calling a toll-free number (800) 692-3858. The Employee Telephone Access Program is an interactive computerized system that administers a self-test for depression via the telephone through a series of prerecorded questions. Callers respond by using the buttons on their push-button phone. This service is available 24 hours a day. The program supplies callers with immediate feedback as to the results of their test and also provides information about the Civilian Employee Assistance Program. This service is free and confidential. For more information on CEAP, call 989-8161 or 989-3225 at Point Mugu or 939-2480 or 939-0880 at China Lake.

HEALTH BENEFITS OPEN SEASON

The Federal Employees Health Benefits (FEHB) Program is having its annual open season from 10 November through 8 December. The changes you make during open season will take effect on 4 January 1998. During open season, you can enroll if you are not currently enrolled or change from one plan or option to another.

Point Mugu is having a Health Fair at Bldg. 366 on 18 and 19 November from 1000 to 1400 both days.

China Lake is having a Health Fair at the Training Center Annex on 20 November from 0800 to 1600.

Booklets for the different plans and enrollment forms will be available at the health fairs, and afterwards in the lobby of Bldg. 211 at Point Mugu and in Room 100 of the HRD Bldg. at China Lake.

If you have any questions about the health fairs or the open season, call Peggy Topham at 989-3323

UNIVERSITY OF TENNESSEE (UTSI) MASTERS DEGREE PROGRAM

UTSI announces its tentative schedule for Spring 1998. Students receive graduate credit for courses taken. A price increase will be effective beginning Fall 1997. The new cost of a class is \$749 per 3-hour course. This will be a change of the southern United States, you may be eligible for in-state tuition. All 3-hour courses listed are provided on videotape for students to view in their homes. This program is designed for engineering and science majors. Prospective students can enroll as either degree or nondegree candidates. Graduates of either the Navy and Air Force Test Pilot School receive graduate credit for 12 hours. The program leads to a master of science degree in aviation systems from UTSI. Spring semester begins 14 January. Application fees, forms, and transcripts must be completed before midterms.

Spring Schedule

AS 504	Airports and The Community - Dr. Hansen
AS 506	Aircraft Design - Dr. Solies
AS510A	Special Topics: Helicopter Stability and Control - Dr. Lewis
*AS 522	Experimental Flight Mechanics: Stability and Control - Dr. Kimberlin
AS 589	Measurement Science II - Dr. Paludan
IE 518	Advanced Engineering Economy - TBD
IE 521	Human Factors Methodology - Dr. Hungerford (UTK)

*Only offered on videotape this term. Requires AS 521

To obtain more information, admission requirements, registration forms, or text titles, contact the area representative at (760) 927-8874 or (760) 499-9101. You can also stop by the Family Service Center, 610 Blandy Ave., Office U, on Tuesdays and Wednesdays from 0900 to 1200.

1997/2000 PROPERTY MANAGEMENT PERPETUAL INVENTORY FOR NAWCWPNS/NAWS

The 1997/2000 Property Management Perpetual Inventory for NAWCWPNS/NAWS will begin on 1 October and end 30 September 2000. During this time period, all plant and minor equipment will be physically sighted and scanned electronically. This inventory process is done to reconcile the general ledger and to provide assistance to the codes in tracking their equipment.

Approximately 2 months prior to the scheduled start date of a competency's inventory, the inventory team will contact the Level 3 competencies requesting them to designate an inventory focal point. This individual will be critical to the inventory process and will be contacted by the inventory team to coordinate scheduling and training for your competency.

For additional information, contact Dava Maples at 927-3072.

Perpetual Inventory Schedule

Competency	Physical Inventory Sighting	Close-Out Date
5.0	September 1997 - July 1998	October 1998
8.0	September - November 1998	February 1999
0.0/1.0/2.0	December 1998	March 1999
3.0	December 1998 - January 1999	April 1999
7.0	February - March 1999	June 1999
4.1	April - May 1999	September 1999
4.5	June - July 1999	October 1999
4.0 (balance)	August 1999 - June 2000	September 2000

(DSN 351-3323). At China Lake, call Leora Fields at 939-2018.

Note: FHP has merged with PacifiCare. If you are currently enrolled in FHP, your enrollment will automatically change to PacifiCare but your enrollment code will stay the same. If you are currently enrolled in PacifiCare, your enrollment code will change to CY1 (self only) or CY2 (self and family).

Foundation Health has merged with Health Net, but the merger will not be final until 1998. Therefore, both Foundation and Health Net will continue to be offered to Federal employees in 1998. However, Foundation members will be encouraged to change to Health Net, which has comparable benefits and slightly lower rates. Health Net is in the process of contracting with Foundation providers who are not yet in the Health Net network.

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).

TSP OPEN SEASON

TSP Open Season in nearly here. It will be from **15 November 1997-31 January 1998**. To enroll or change your deductions or change your future allocations, use the TSP-1 "Thrift Savings Plan Election Form," which is available from anyone in Ops Division at HRD or in the lobby of Bldg. 211 at Point Mugu or in Room 100 at the HRD Bldg. at China Lake. Forms received by 2 January 1998 will be effective 3 January 1998. Forms received between 5 January and 31 January will be effective at the beginning of the pay period after the one in which they are received. You should receive a TSP Update brochure in the guard mail. For questions on TSP, call Peggy Topham at 989-3323 (DSN 351-3323) or your PMA.

BARCODED EQUIPMENT DISPOSAL (WAREHOUSE 41) INFORMATION

The next available appointment to turn in equipment to Warehouse 41 at China Lake is **9 December**. The following is the schedule for Barcoded Equipment Disposal/Reutilization:

Tuesday, 0800-1600—Turn in equipment, appointment only

Wednesday 0800-1600—viewing available equipment no appointment necessary

Monday, Thursday, and Friday—Closed

FERS OPEN SEASON VETOED

On 16 October, the President exercised his authority under the Line Item Veto Act to cancel Action 842 of H.R. 2378 which would have given employees covered by CSRS a new opportunity to move into FERS. The President issued the following statement—

"This line-item veto will save \$854 million over five years by preventing a hastily-conceived, undebated provision from becoming law. In addition, my action will keep agencies from having to reallocate another \$1.3 billion in limited discretionary resources to pay higher retirement benefits, rather than spend it on other priorities, such as pay increases, or essential agency needs.

CHINA LAKE

CHINA LAKE TOASTMASTERS COMMUNICATIONS AND LEADERSHIP PROGRAM

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

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

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

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

"I did not propose this provision in my 1998 budget, it was not the subject of public hearings, and it was not considered by either the House or the Senate. Instead, it was added at the end of the legislative process, in a House-Senate conference committee. I believe that by cancelling this provision, I am using my line-item veto authority in an appropriate manner.

I am committed to ensuring that the Federal Government can recruit and retain the quality individuals we need to administer Federal programs. I will work with Congress to ensure that our Federal civil servants are compensated for the essential work they do for the American people."

CSUB ADVISING

Advisors for the California State University, Bakersfield (CSUB) programs offered at China Lake (bachelor of science degree in Business Administration and master of science degree in Administration) will be at China Lake on **18 November**. To schedule an appointment, call (805) 664-3396.

RETIREMENTS AND FAREWELLS

FAITH DABBS

Faith Dabbs, Code 763100D, is leaving NAWCWPNS after 18 years of service. A luncheon will be held in her honor at John's Pizza on **5 December**. For reservations, presentations, or donations, call Judy or Linda on 939-3917/3605 by **25 November**.

PAUL REAGON

Paul Reagon, R&E Contracts Department, Code 210000D, is retiring. A retirement party will be held in his honor at Santa Fe Grill on **9 December** from 1100 to 1300. A buffet luncheon will be served. For further information or reservations, contact Rena Jacobson at 939-3382.

DORIS LAFFOON

Doris Laffoon, Code 4JD000D, is retiring after 91 years of federal service. A retirement party will be held in her honor at the Carriage Inn on **8 January**. A no-host cocktail hour will be held from 1800 to 1900, followed by a western barbecue buffet. Tickets are \$17 per person. To purchase tickets, schedule a presentation, or make a donation, contact Lorree Bosworth at 939-8565, Suzi Gerrard at 939-8621, or Cathey O'Connell at 939-3802 by **5 January**.

HERB RICHTER

Herb Richter, Head of the Trident Program Office, will be retiring after more than 30 years of civil service at China Lake. A retirement luncheon will be held in his honor at Farris' at the Heritage on **13 January**. Tickets for the luncheon are \$10 per person, including tax and gratuity. To purchase tickets, make a gift donation, or make a presentation, contact Maryann Hiser at 939-1122 or Freddie Perry at 939-1081. Tickets must be purchased in advance no later than **8 January**.

POINT MUGU

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

Getting help when you have a problem can be a problem. Do you know there is someone you can talk to if you or someone in your family is having difficulties? CEAP services are free and may be used before, during (on administrative leave), or after working hours. Family

members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 211 (first floor). The CEAP has a separate exterior entrance on the Wood Road gate at the end of Bldg. 211. All interviews are confidential. For further information, call Paul Sanchez at 989-8161 or Colleen Smith at 989-3225.

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive labor representative for the bargaining unit employees of NAWCWPNS Point Mugu is the National Association of Government Employees. 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.

interfacing. Experience is necessary in maintaining weapon readiness test equipment, safe operation of test facilities, and assembly, preparation, and functional testing of weapons in support of flight and ground tests. **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. **Note:** This position will be filled from either Merit Announcement Number 486-318-TSTA or 486-318-T57B. **Notes 2 and 4 apply.**

No. 486-318-TSTA, (1) Supervisory Interdisciplinary (Mechanical/Electronics Engineer/Computer Scientist) DP-830/855/1550-3, Targets and Mechanical Engineering Branch, Weapons & Targets Support Equipment Division, Support Equipment Department, Code 486400E. Opening Date: 11-13-97. **Closing Date:** 11-26-97. **Area of Consideration:** Current appointable civilian employees at Point Mugu. **Selecting Official:** Phil Brown, (805) 989-0002. **HRD Contact:** Terry Smith, (805) 989-3322. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as first-line supervisor, providing technical, managerial, and administrative oversight to personnel in the Targets and Mechanical Engineering Branch. These responsibilities include, but are not limited to, position and organizational management, facility and equipment utilization, staffing and workload execution, training, and financial and budget management. Selectee will provide comprehensive technical support for peculiar and common support equipment (PSE/CSE) required for Fleet Target systems, Target Augmentation and Auxiliary systems, and ancillary systems and equipment. The incumbent must have knowledge of and experience in acquisition support, design and development support, product improvement, and test and evaluation support for all target peculiar support equipment. Provides technical guidance and assistance in the identification of support equipment operational requirements and the development of studies, plans, procedures, statements of work (SOWs) and other technical initiatives to meet goals. It is the incumbent's responsibility to provide technical and management support to ensure optimum effective utilization and distribution of acquired and developed PSE assets. Provides oversight and exercises process control to ensure proper ordnance handling and munitions safety. The incumbent must be proactive in communicating with team leaders in developing and describing the support requirements for peculiar and common support equipment. The incumbent is a member of the 4.8 Competency Team and is responsible for documenting work processes and for performance of continuous process improvement. **Quality-Ranking Factor:** Incumbent must have knowledge of ordnance handling and munitions safety regulations, processes and requirements. The incumbent must also have experience with various weapons and target support systems including system design, function and operation, and weapon and target system interfacing. Experience is necessary in maintaining weapon readiness test equipment, safe operation of test facilities, and assembly, preparation, and functional testing of weapons in support of flight and ground tests. **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. **Note:** This position will be filled from either Merit Announcement Number 486-318-TSTA or 486-318-T57B. **Notes 2 and 4 apply.**

No. 41-025-RF7, Supervisor Interdisciplinary (Engineering Technician/Electronics Technician), DP-802/856-3, Systems Engineering Department, Systems Engineering Management Division, AH-1W IPT, 411400D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake. **Opening Date:** 11-13-97. **Closing Date:** 12-1-97. **Selecting Official:** Steve R. Underwood, (760) 939-3197. **HRD Contact:** Robert Fitzpatrick, (760) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is assigned from the Systems Engineering Management Competency to the AH-1 Integrated Program Team as the NAWCWPNS Site IPT Leader. He/She leads a team of technical and business support personnel covering all aspects of assigned life-cycle technical support for the AH-1 platform weapon system. He/She receives programmatic direction from and is directly accountable to the AH-1 Program Manager for cost, schedule, and performance of assigned tasks. The incumbent works in close partnership with NAWCWPNS competencies to identify and supply the appropriate personnel and facility resources. IPT products include new system capabilities (e.g., major upgrades), weapon integration (new and upgrades), fire control/targeting system upgrades, and integration of electronic warfare systems, as well as coordination with common avionics, trainers, ground support engineering, and corporate thrust activities. Specific duties include serving as the central point of contact for AH-1 IPT financial and technical operations 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-1 tasks; and monitoring cost, schedule, and performance and taking corrective actions as needed; and exercising direct supervision of Systems Engineering Management Division personnel assigned to the AH-1 IPT. **Technical Quality-Ranking Factors:** (1) Skill in engineering and engineering management of complex naval aircraft avionics/weapons integration projects such as avionics integration, weapons integration, OPF software development and integrated T&E. (2) Knowledge of USMC operations, particularly close-in fire support and close-air support. (3) Knowledge of NAWCWPNS, Naval Air Systems Team, and AH-1 Strategic goals. **Supervisory Quality-Ranking Factor:** Knowledge of affirmative action principles including a willingness to implement EEO practices. **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory experience, education, and training requirements of the Career Development Program for Level III of the Systems Planning, Research, Development, and Engineering Field (Category S) in accordance with DOD Manual 5000/52M within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. The full-performance level of this position is DP-4. **Notes 2 and 4 apply.**

INFORMATION MANAGEMENT DEPARTMENT/CURRENT EMPLOYEES

No. 7322-1R-97, (1) Computer Specialist, GS-334-13 or DP-334-13, Corporate Operations Group, Information Management Department, IM Engineering Division, Infrastructure Systems Branch, Code 723200D—Area of Consideration: Current employees of the Information Management Department. **Opening Date:** 11-13-97. **Closing Date:** 11-20-97. **Selecting Official:** Randy Blackburn, DSN 351-4713. **HRD Contact:** Rosalie Sommer. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Serves as a key team leader for Information Management (IM) network application projects. This work requires substantial knowledge of computer systems, and scheduling across broad organizational lines with top management, sponsors, IMD customers, and representatives of private industry. Plans, schedules, budgets, coordinates, and directs detailed phases of IM network applications. Plans and conducts research projects concerning problem areas related to complex issues. Serves as principal analyst concerning IM programs. Serves as a technical staff specialist and consultant. Gathers requirements for and develops specifications for the procurement or design of IM network applications equipment and systems. **Quality-Ranking Factors:** Knowledge of state-of-the-art in network applications including electronic data interchange, or Windows NT Server; knowledge of local- and wide-area networking; and experience as a team leader in coordinating the efforts of many technical personnel across NAWCWPNS and/or NAVAIR organizations; ability to work effectively with management; and ability to develop and deliver formal technical presentations to non-technical managers.

No. 76-008-NRT, Senior Office Manager/Executive Office Manager, DG-0303-34, Comptroller/Financial Management Department, Code 760000D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake. **Opening Date:** 11-13-97. **Closing Date:** 12-01-97. **Selecting Official:** Jerry Macy, (760) 939-3605 (DSN 437-3605). **HRD Contact:** Nancy Robinson, (760) 939-8106 (DSN 437-8106). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent functions as the NAWCWPNS 7.6 Department Office manager and personal assistant to the Department Head. Is the key person responsible for originating and processing various administrative actions in addition to performing research and making decisions on complex administrative issues. Is responsible for documenting Department Office processes and training other department personnel in each process; reviewing, prioritizing, and coordinating actions coming into the department; directing them to the appropriate manager(s); and ensuring follow-up to meet deadlines. Effectively manages Department Head's decisions to subordinate organizations, independently coordinates office management support efforts across both sites, and maintains contact with all levels of management and employees within NAWCWPNS as well as other government representatives (e.g., NAVARDOAGSA). In many cases, the person in this position is the first contact for others trying to reach Comptroller management and employees. **Quality-Ranking Factor:** Knowledge of administrative policies and procedures;

assigned life-cycle technical support for the AH-1 platform weapon system. He/She receives programmatic direction from and is directly accountable to the AH-1 Program Manager for cost, schedule, and performance of assigned tasks. The incumbent works in close partnership with NAWCWPNS competencies to identify and supply the appropriate personnel and facility resources. IPT products include new system capabilities (e.g., major upgrades), weapon integration (new and upgrades), fire control/targeting system upgrades, integration of electronic warfare systems, as well as coordination with common avionics, trainers, ground support engineering, and corporate thrust activities. Specific duties include serving as the central point of contact for AH-1 IPT financial and technical operations 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-1 tasks; and monitoring cost, schedule, and performance and taking corrective actions as needed; and exercising direct supervision of Systems Engineering Management Division personnel assigned to the AH-1 IPT. **Technical Quality-Ranking Factors:** (1) Skill in engineering and engineering management of complex naval aircraft avionics/weapons integration projects such as avionics integration, weapons integration, OPF software development and integrated T&E. (2) Knowledge of USMC operations, particularly close-in fire support and close-air support. (3) Knowledge of NAWCWPNS, Naval Air Systems Team, and AH-1 Strategic goals. **Supervisory Quality-Ranking Factor:** Knowledge of affirmative action principles including a willingness to implement EEO practices. **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory experience, education, and training requirements of the Career Development Program for Level III of the Systems Planning, Research, Development, and Engineering Field (Category S) in accordance with DOD Manual 5000/52M within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. The full-performance level of this position is DP-4. **Notes 2 and 4 apply.**

No. 41-025-RF7, Supervisor Interdisciplinary (Engineering Technician/Electronics Technician), DP-802/856-3, Systems Engineering Department, Systems Engineering Management Division, AH-1W IPT, 411400D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake. **Opening Date:** 11-13-97. **Closing Date:** 12-1-97. **Selecting Official:** Steve R. Underwood, (760) 939-3197. **HRD Contact:** Robert Fitzpatrick, (760) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is assigned from the Systems Engineering Management Competency to the AH-1 Integrated Program Team as the NAWCWPNS Site IPT Leader. He/She leads a team of technical and business support personnel covering all aspects of assigned life-cycle technical support for the AH-1 platform weapon system. He/She receives programmatic direction from and is directly accountable to the AH-1 Program Manager for cost, schedule, and performance of assigned tasks. The incumbent works in close partnership with NAWCWPNS competencies to identify and supply the appropriate personnel and facility resources. IPT products include new system capabilities (e.g., major upgrades), weapon integration (new and upgrades), fire control/targeting system upgrades, and integration of electronic warfare systems, as well as coordination with common avionics, trainers, ground support engineering, and corporate thrust activities. Specific duties include serving as the central point of contact for AH-1 IPT financial and technical operations 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-1 tasks; and monitoring cost, schedule, and performance and taking corrective actions as needed; and exercising direct supervision of Systems Engineering Management Division personnel assigned to the AH-1 IPT. Selectee must meet the DAWIA mandatory training, experience, and education required for Level III 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. Full-performance level is DP-4. Selectee must be able to obtain and maintain a Secret clearance. **Note:** Interested candidates should send an updated application directly to Steve Underwood, Code 411000D.

***Redeviselement—Applicants who previously applied need not reapply.**

Notes 1, 2, 4, and 5 apply.

***No. 560E-014-PDS-97B, Redeviselement Supervisory Interdisciplinary Electronics, Mechanical, Aerospace, Engineer, DP-855/830/861-3/4; Test and Evaluation Competency, Naval Test Wing Pacific, Weapons Test Squadron, Point Mugu, California, Code 56C000E—Area of Consideration:** NAWCWPNS. **Opening Date:** 11-13-97. **Closing Date:** 11-26-97. **Selecting Official:** Clark McKay, (805) 989-8763. **HRD Contact:** Pam Stafford, (805) 989-3308. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as the Deputy Commanding Officer of the Naval Weapons Test Squadron, Point Mugu, California. The incumbent, in joint capacity with the Commanding Officer, provides management, supervision, and leadership of the Naval Weapons Test Squadron, Point Mugu (NWTSPM). The Squadron is comprised of a mix of personnel including 450 military, 150 civil servants, and 68 contractors and is responsible for operating and maintaining all NAWC Weapons aircraft sited at Point Mugu as well as providing all contractor air services, including logistics and operational support for the NAWC Weapons at Point Mugu. The Squadron provides RDT&E and Fleet aircraft services for NAWC Weapons on a local and world-wide deployment basis. The Squadron is also responsible for providing project pilots, including Test Pilot School graduates and Fleet-trained pilots, to the Integrated Program Teams, Externally Directed Teams, and Product Support Teams, and provides formal test plan approval and local Aircraft Configuration Control Board management. The incumbent is responsible for planning, organizing, proposing to upper management, directing, and executing the budget, personnel, and business structure for the organization. Responsible for continually improving customer service and efficiency as well as developing and improving the customer base. The incumbent will lead and participate in a variety of study groups containing a variety of complex features being performed by an engineering team, and formulate and guide analytic studies impacting programs across broad organizational lines. The incumbent represents the project and interacts closely with on and off-station project managers/sponsors, technical experts representing Army, Navy, and Air Force organizations and multiple weapon/sensor system contractors. **Quality-Ranking Factors:** Comprehensive knowledge of Army, Navy, and Air Force weapon and sensor systems and demonstrated ability to apply systems engineering principles; ability to manage complex technology efforts; ability to provide technical oversight and direction to contractors; and the ability to communicate both orally and in writing with personnel at all levels. **DAWIA Quality-Ranking Factors:** Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Top Secret clearance. Full-performance level is DP-4.

***Redeviselement—Applicants who previously applied need not reapply.**

Notes 1, 2, 4, and 5 apply.

skill with the Macintosh computer; ability to compose correspondence and/or to prepare non-technical reports; and ability to communicate effectively with Warfarer at all organizational levels. The full performance level of this position is DG-4. **Note 1 applies.**

***No. 560E-013-PDS-97A, Redeviselement (1) Supervisory Electronics/Engineering Technician, DP-856/802-3/4; Test and Evaluation Competency, Naval Test Wing Pacific, Weapons Test Squadron, Point Mugu, California, Code 56C000E—Area of Consideration:** NAWCWPNS. **Opening Date:** 11-13-97. **Closing Date:** 11-26-97. **Selecting Official:** Clark McKay, (805) 989-8763. **HRD Contact:** Pam Stafford, (805) 989-3308. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as the Deputy Commanding Officer of the Naval Weapons Test Squadron, Point Mugu, California. The incumbent, in joint capacity with the Commanding Officer, provides management, supervision, and leadership of the Naval Weapons Test Squadron, Point Mugu (NWTSPM). The Squadron is comprised of a mix of personnel including 450 military, 150 civil servants, and 68 contractors and is responsible for operating and maintaining all NAWC Weapons aircraft sited at Point Mugu, as well as providing all contractor air services, including logistics and operational support for the NAWC Weapons at Point Mugu. The Squadron provides RDT&E and Fleet aircraft services for NAWC Weapons on a local and world-wide deployment basis. The Squadron is also responsible for providing project pilots, including Test Pilot School graduates and Fleet-trained pilots to the Integrated Program Teams, Externally Directed Teams, and Product Support Teams and provides formal test plan approval and local Aircraft Configuration Control Board management. The incumbent is responsible for planning, organizing, proposing to upper management, directing, and executing the budget, personnel, and business structure for the organization. Responsible for continually improving customer service and efficiency as well as developing and improving the customer base. The incumbent will lead and participate in a variety of study groups containing a variety of complex features being performed by an engineering team, and formulate and guide analytic studies impacting programs across broad organizational lines. The incumbent represents the project and interacts closely with on and off-station project managers/sponsors, technical experts representing Army, Navy, and Air Force organizations and multiple weapon/sensor system contractors. **Quality-Ranking Factors:** Ability to plan conferences for senior-level managers and communicate, meet, and deal with staff from all levels of the organization. Full-performance level is DG-4.

REASSIGNMENT

No. 41-024-RF7, Supervisor 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, 411400D—Area of Consideration: NAWCWPNS. **Duty Station:** China Lake. **Opening Date:** 11-13-97. **Closing Date:** 12-1-97. **Selecting Official:** Steve R. Underwood, (760) 939-3197. **HRD Contact:** Robert Fitzpatrick, (760) 939-8117. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is assigned from the Systems Engineering Management Competency to the AH-1 Integrated Program Team as the NAWCWPNS Site IPT Leader. He/She leads a team of technical and business support personnel covering all aspects of assigned life-cycle technical support for the AH-1 platform weapon system. He/She receives programmatic direction from and is directly accountable to the AH-1 Program Manager for cost, schedule, and performance of assigned tasks. The incumbent works in close partnership with NAWCWPNS competencies to identify and supply the appropriate personnel and facility resources. IPT products include new system capabilities (e.g., major upgrades), weapon integration (new and upgrades), fire control/targeting system upgrades, integration of electronic warfare systems, as well as coordination with common avionics, trainers, ground support engineering, and corporate thrust activities. Specific duties include serving as the central point of contact for AH-1 IPT financial and technical operations 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-1 tasks; monitoring cost, schedule, and performance and taking corrective actions as needed; and exercising direct supervision of Systems Engineering Management Division personnel assigned to the AH-1 IPT. Selectee must meet the DAWIA mandatory training, experience, and education required for Level III 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. Full-performance level is DP-4. Selectee must be able to obtain and maintain a Secret clearance. **Note:** Interested candidates should send an updated application directly to Steve Underwood, Code 411000D.

Notes 2 and 4 apply.

NAVY-WIDE

No. 472-021-GB7, Interdisciplinary (Mechanical/Electronics/Aerospace Engineer), DP-830/855/861-3/4, Advanced Technology Applications Office, Code 472G10D—Area of Consideration: Navy-wide. **Duty Station:** China Lake. **Opening Date:** 11-30-97. **Closing Date:** 11-30-97. **Selecting Official:** Carl Lindsey, (760) 939-0846. **HRD Contact:** Kay Behrmann, (760) 939-2736. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as the systems engineer for the Advanced Technology Applications Office and is responsible for defining, applying, and evaluating the operational utility of advanced concepts in satisfying the requirements of emerging technical issues. This shall include such items as requirements definition/analysis, evaluating advanced technologies, providing recommendations on technical feasibility, preparing technical proposals, contract and program management, and conducting system performance trades. The systems engineer will serve as technical specialist in advanced weapons system studies and will be responsible for identifying system deficiencies and areas for further analysis; review work containing a variety of complex features being performed by an engineering team; and formulate and guide analytic studies impacting programs across broad organizational lines. The incumbent represents the project and interacts closely with on and off-station project managers/sponsors, technical experts representing Army, Navy, and Air Force organizations and multiple weapon/sensor system contractors. **Quality-Ranking Factors:** Comprehensive knowledge of Army, Navy, and Air Force weapon and sensor systems and demonstrated ability to apply systems engineering principles; ability to manage complex technology efforts; ability to provide technical oversight and direction to contractors; and the ability to communicate both orally and in writing with personnel at all levels. **DAWIA Quality-Ranking Factors:** Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Top Secret clearance. Full-performance level is DP-4.

Notes 3 and 4 apply.

contracting offers Federal acquisition managers a creative and flexible way to meet mission objectives and provide maximum customer support. When administered properly, task and delivery order contracting is often a source of wasted program dollars and adverse notoriety. This course is designed for acquisition and contracting professionals taught by acquisition and contracting professionals experienced in the practice of contract management. Topics covered are (1) Implications of Recent Law and Regulatory Changes in Task Order Contracting—How They Affect You, (2) Circumstances Appropriate for Task and Delivery Order Contracting, (3) Key Features of Task and Delivery Order Contracting, (4) Pricing and Funding Issues, (5) Source Selection Issues, (6) Post-Award Contract Administration, (7) Role of Contracting Officer's Representative, and (8) Case Studies. To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Nogle, Code 733000E. For further information, call 939-3159 (DSN437-3159).

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY98 SEMINARS		
NAEI courses are designed for GS-13/Lieutenant Commanders/Majors (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and have priority for available billets. Program costs, travel costs, and per diem expenses are funded by each participant's competency. Nominations are submitted on a NAEI form that must include a Job Order Number to cover program costs. A DD Form 1556 is not required. To obtain a nomination form, contact Mary Glasmann, Program Coordinator, Code 733000E, Point Mugu, (805) 989-3982 (DSN 351-3982). Nominations must be submitted to China Lake by the deadline dates listed below.		
COURSE TITLE	COURSE DATES	DEADLINE DATE TO 733000D
Creating and Sustaining the High-Performance Organization	9-14 Aug 98	28 May 98
Contemporary Management Issues and Practices	16-27 Feb 98 17-28 Aug 98	5 Dec 97 11 Jun 98
Managing Individual and Organizational Change	26-30 Jul 98	14 May 98
The Politics of National Security	3-8 May 98	19 Feb 98
The Washington Arena	9-13 Mar 98 27-31 Jul 98	18 Dec 97 14 May 98
Capitol Hill Workshop	20-23 Apr 98 22-25 Jun 98	5 Feb 98 10 Apr 98

CIVILIAN PERSONNEL DIVISION NEWS

MERIT PROMOTIONS

CHINA LAKE

No. 473-003-RP8, Mechanical Engineering Technician, DT-0802-2/3, (Multiple Vacancies), Ordnance Support Section, Propulsion Branch, Airframe, Ordnance, and Propulsion Division, Code 473250D—Area of Consideration: China Lake. Duty Station: China Lake. Opening Date: 11-13-97. Closing Date: 11-27-97. Selecting Official: Gordon Fawkes, 927-2702. HRD Contact: Julie Rodriguez, 939-2693. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent is responsible for the fabrication, recondition, and installation of specialized ordnance development and formulations equipment. This includes independent analysis and solution; analysis of drawings and specifications; evaluation of test data; and preparation of cost estimates and procurement of materials required. Participates in the development and management of a comprehensive computer-based preventive maintenance program for the Salt Wells energetic materials plant area. Quality-Ranking Factor: (1) Knowledge of the design and fabrication, installation of one-of-a-kind ordnance development and formulations equipment; (2) ability to analyze technical data; (3) ability to work in a team concept environment; and

(4) ability to prepare and submit cost estimates and procurement actions for assigned projects. The incumbent must be able to obtain and maintain a Secret clearance. Full-performance level of the position is DT-3. Note 1 applies.

No. 473-004-RP8, Electrical Engineering Technician, DT-0802-2/3, (Multiple Vacancies), Ordnance Support Section, Propulsion Branch, Airframe, Ordnance, and Propulsion Division, Code 473250D—Area of Consideration: China Lake. Duty Station: China Lake. Opening Date: 11-13-97. Closing Date: 11-27-97. Selecting Official: Gordon Fawkes, 927-2702. HRD Contact: Julie Rodriguez, 939-2693. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent is responsible for the planning, design, layout, and maintenance of electrical systems in plant equipment, buildings, and structures. Incumbent is responsible for planning and conducting electrical tests on buildings, structures, and associated plant equipment. The position requires independent analysis and solution, including analyzing drawings and specification, evaluating electrical data, and preparing plans, procedures and cost estimates. Investigates failures and develops plans to correct deficiencies, often requiring unique or one-of-a-kind electrical plans. Prepares and plans estimates for new construction or

major modification involving both interior and exterior electrical services. As needed, installs process control equipment and electrical/electronics panel with interlock and wiring. Quality-Ranking Factor: (1) Knowledge of industrial power distribution for Class 1 and Division 1 electrical areas; (2) ability to originate and develop special test setups, procedures, and electronic devices to facilitate the testing process; (3) ability to analyze technical data; and (4) ability to prepare and submit cost estimates and procurement actions for assigned projects. The incumbent must be able to obtain and maintain a Secret clearance. Full performance level of the position is DT-3. Note 1 applies.

No. 56-0025-DWE97, Environmental Protection Specialist, DS/DP-028-3, (Organizational Title: HAZMAT/OSH Coordinator), Aviation Safety Office, Naval Weapons Test Squadron, Code 563000D—Area of Consideration: China Lake. Duty Station: China Lake. Opening Date: 11-13-97. Closing Date: 11-20-97. Selecting Official: Mark Backes, 939-5094. HRD Contact: Diana Egleston, 939-8111. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent serves as coordinator of the Hazardous Material/Occupational Safety Program (HAZMAT/OSH) for Naval Weapons Test Squadron China Lake (NWTSC). Geographic area of responsibility is Armitage Airfield complex. Responsible for managing and coordinating the HAZMAT/OSH Program for NWTSC; management of collection and disposal of all hazardous waste to include pickup, packaging, labeling, and preparation of documentation for tracking and disposal; inspection of all operations for compliance with environmental, industrial safety/hygiene, and explosive safety regulations; conduct site surveys, makes field observations, and prepares environmental documents after consideration of economic and operational impacts; keeps current documents and records for inspection by Federal, State, county and local HAZMAT/OSH inspectors; develops training programs for airfield personnel dealing with HAZMAT/OSH; represents NWTSC in all matters relating to HAZMAT/OSH. Quality-Ranking Factors: Ability to apply collection and disposal of hazardous material and waste regulations as stated in the Resource Conservation and Recovery Act, and Comprehensive Environmental Response, Compensation and Liability Act, and other related Federal regulations in planning, preparing, and coordinating an effective HAZMAT/OSH program.

Consideration: Current appointable civilian employees at Point Mugu. Opening Date: 11-13-97. Closing Date: 11-26-97. Selecting Official: Phil Brown, (805) 989-0002. HRD Contact: Terry Smith, (805) 989-3322. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as first-line supervisor, providing technical, managerial, and administrative oversight to personnel in the Electronic and Automated Systems Branch. These responsibilities include, but are not limited to, position and organizational management, facility and equipment utilization, staffing and workload execution, training and financial and budget management. Selectee will provide expertise in design, development, interface, production, evaluation, verification, upgrade, integration, and modification of electronic and electrical hardware and software. Provide technical guidance and assistance in the identification of support equipment operational requirements and the development of studies, plans, procedures, statements of work (SOW), and other technical initiatives to meet goals. Provides the engineering guidance required to develop, review or process SOWs, engineering change proposals, engineering investigations, test strategy reports, test requirements documents, technical manuals, software engineering changes, software description documentation, and other tasks in support of teams. The incumbent must be proactive in developing and documenting the support requirements of aircraft avionics and weapons systems. The supervisor negotiates specific tasking with team leaders and is responsible for timely execution of tasking. Incumbent is a member of the 4.8 Competency Team and is responsible for documenting work processes and performance of continuous process improvement. Quality-Ranking Factor: Incumbent must have knowledge of weapons, electronic warfare, and target support equipment systems with specific knowledge of electronics, built-in-test, automatic test system technology, and support philosophy, aircraft integration, and other supporting disciplines such as reliability, maintainability, and logistics. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Incumbent must be able to obtain and maintain a Secret clearance. Notes 2 and 4 apply.

No. 486-318-TS7B, (1) Supervisory Interchangeable (Engineering/Electronics Technician/Computer Specialist) DP-802/856/334-3, Targets and Mechanical Engineering Branch, Weapons & Targets Support Equipment Division, Support Equipment Department, Code 486400E—Area of Consideration: Current appointable civilian employees at Point Mugu. Opening Date: 11-13-97. Closing Date: 11-26-97. Selecting Official: Phil Brown, (805) 989-0002. HRD Contact: Terry Smith, (805) 989-3322. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent serves as first-line supervisor, providing technical, managerial, and administrative oversight to personnel in the Targets and Mechanical Engineering Branch. These responsibilities include, but are not limited to, position and organizational management, facility and equipment utilization, staffing and workload execution, training, and financial and budget management. Selectee will provide comprehensive technical support for peculiar and common support equipment (PSE/CSE) required for Fleet Target systems, Target Augmentation, and Auxiliary systems and ancillary systems and equipment. The incumbent must have knowledge of and experience in acquisition support, design and development support, product improvement, and test and evaluation support for all target peculiar support equipment. Provides technical guidance and assistance in the identification of support equipment operational requirements and the development of studies, plans, procedures, statements of work (SOWs) and other technical initiatives to meet goals. It is the incumbent's responsibility to provide technical and management support to ensure optimum effective utilization and distribution of acquired and developed PSE assets. Provides oversight and exercises process control to ensure proper ordnance handling and munitions safety. The incumbent must be proactive in communicating with team leaders in developing and describing the support requirements for peculiar and common support equipment. The incumbent is a member of the 4.8 Competency Team and is responsible for documenting work processes and for performance of continuous process improvement. Quality-Ranking Factor: Incumbent must have knowledge of ordnance handling and munitions safety regulations, processes, and requirements. The incumbent must also have experience with various weapons and target support systems including system design, function and operation, and weapon and target system

POINT MUGU/CURRENT APPOINTABLE CIVILIAN EMPLOYEES

No. 473-228-TS7, (1) Engineering Technician, GS-802-7/9/11, Reliability Engineering Section, Airframe, Ordnance & Propulsion Division, Weapons/Targets Department, Code 473150E. Opening Date: 11-13-97. Closing Date: 11-26-97. Area of Consideration: Current appointable civilian employees at Point Mugu. Selecting Official: Greg Babcock, (805) 989-0732. HRD Contact: Terry Smith, (805) 989-3322. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent of this position operates the AN/MSM-127B Missile Subsystem Test Set (MSTS) test set for Harpoon/SLAM/SLAM-ER missiles. Serves as test conductor and team leader responsible for conducting tests and feasibility studies, collecting missile test data, designing, and making significant improvements to the system. Selectee must also analyze missile test data and determine if an indicated missile failure is the result of test set malfunction or a failed missile component. Incumbent is responsible for the maintenance, calibration, and alignment of the test stand. Works with manufacturer representatives to convert/modify the existing test set programs. Incumbent serves as alternate test conductor and team leader for the AMRAAM for the Production Reliability Acceptance Test (PRAT) of the AMRAAM. Serves as team leader and Ordnance Safety Monitor (OSM) for the AMRAAM and Harpoon/SLAM/SLAM-ER handling teams. Quality-Ranking Factor: Incumbent must be certified at the test conductor level to operate/troubleshoot the DSM 127 Harpoon/SLAM/SLAM-ER Missile Subsystem Test Set (MSTS). The incumbent must be certified in explosive ordnance handling in accordance with the OP-5 (Ammunition and Explosives Ashore). Note: Shift work is involved. Incumbent must be able to obtain and maintain COMSEC and Secret clearance.

No. 486-328-TS7, (1) Supervisory Interdisciplinary (Mechanical/Electronics Engineer/Computer Scientist) DP-830/855/1550-3, Electronic and Automated Systems Branch, Weapons & Targets Support Equipment Division, Support Equipment Department, Code 486200E—Area of



HUMAN RESOURCES DEPARTMENT INFORMATION

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

LABOR/EMPLOYEE RELATIONS TEAM NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 24 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a **completed OP Form 630-A (Request to Donate Annual Leave to Recipient)** and a **copy of current Leave and Earnings Statement**. OP-Form 630-A is available at Administration Offices at Point Mugu and Telmart at China Lake. Completed forms for Point Mugu may be mailed to Estela Padilla, Code 731000E; forms for China Lake may be mailed to Leora Fields, Code 731000D. For additional information, call Estela Padilla at (805) 989-3222, or Leora Fields at (760) 939-2018.

CHINA LAKE

Frank O'Baker, Code 416000D

Frank is recovering from heart bypass surgery.

Linda Currington, Code 4731B0D

Linda is under a doctor's care.

Sandee Roberts, Code 418100D

Sandee has had complications as a result of her pregnancy.

Denise Ritchie, Code 457A00D

Denise is recovering from surgery.

Debra Heflin, Code 457160D

Debra is on maternity leave.

Dave Green, Code 455310D

Dave is suffering from a relapse of colon problems.

Dan Nelson, Code 834400D

Dan is recovering from open heart surgery.

Shirley Carroll, Code 455300D

Shirley is under a doctor's care.

Mary Jo Martin, Code 761400D

Jo is undergoing a bone marrow transplant.

John Knie, Code 475100D

John is recovering from open-heart surgery.

Carol Crump, Code 526210D

Carol is recovering from reconstructive surgery.

Jane Crow, Code 471160D

Jane is suffering from severe chronic bronchitis, asthma, and allergies.

Anita Becker, Code 821100D

Anita is recovering from severe complications from surgery.

Leuis Lowe Jr., Code 332100D

Leuis is recovering from back surgery.

Pat Hamlin, Code 761100D

Pat suffered a stroke and is undergoing extensive physical therapy.

Elena Bartholic, Code 725200D

Elena is suffering from bronchitis and pneumonia.

Judy Post, Code 761100D

Judy is recovering from surgery that required the removal of a disk and a bone spur.

Bill Sutherlen, Code 473A10D

Bill is undergoing cancer treatment.

Sandy Watson, Code 335000D

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

Barbara Snyder, Code 240000D

Barbara is caring for her infant daughter, who has had medical complications.

Arthur Owens II, Code 471250D

Art is recovering from surgery as a result of a degenerative spinal disease.

Denise Pincham, Code 763100D

Denise is recovering from surgery.

POINT MUGU

J. Fay Blunt Ingersoll, Code 529110E

Fay is undergoing chemotherapy and cancer-treatment procedures at UCLA.

Patricia Pennington, Code 220000E

Patricia suffered a stroke and is on extended sick leave.

Virginia Johnson, Code 854000E

Virginia is undergoing treatment for cervical disk excision.

Lucia Nava, Code 473150E

Lucia is on maternity leave.

Judith Barron, Code 522J10E

Judith is under a doctor's care.

Beth Lou Shapiro, Code 562G00E

Beth Lou has complications from pregnancy.

Richard A. Czebatol, Code 457300E

Richard is undergoing cancer treatment.

Anita Retome, Code 455330E

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

James Skiffington, Code 724400E

James is under a doctor's care for surgery, radiation, and chemotherapy.

Dionisio Gaona, Code 543200E

Dionisio is recovering from eye surgery.

Michael Radonich, Code 486100E

Michael is under a doctor's care.

Norma Lavin, Code 52911EE

Norma is under a doctor's care.

Marcie Watanabe, Code 457310E

Marcie has complications of pregnancy.

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.

PRINCIPLES OF NAVY BUDGETING (24 hrs.)

17-19 November; Monday-Wednesday, 0900-1600; Channel Islands Inn, Oxnard. By: NFMCC, Pensacola

Prerequisite: None.

Audience: Civilians GS-5 through GS-11 in the GS-500/GS-340 series; Military enlisted E-4-7; Military Officers O1-03

This course provides general and detailed information on Navy budgeting procedures; processes, and terms, as well as several exercises that will allow the student to practice selected budgetary procedures. Class includes identification of budgetary responsibilities; key players in the process and their roles; the planning, programming, and budgeting and budget execution overview information. The course stands alone, but is a part of the DON Civilian Financial Management Training Program.

To enroll, send an On-Board Training Request (NAWCWPNS 12410/2) to Mary Glasmann, Code 733000E.

MIL-STD-1553 PROTOCOL (24 hrs.)

17-19 November; Monday-Wednesday, 0800-1600; Training Center, China Lake. By: Test Systems, Inc.

This seminar is designed to provide a solid base for interpreting and understanding the requirements of MIL-STD-1553. Students will be taught MIL-STD-1553

from the design through testing phases to help them understand a 1553 system in part and in whole. Students will gain practical experience with 1553 messages in the lab sessions and will also be introduced to currently available 1553 products.

The seminar uses a well-rounded approach of lecture, lab sessions, visuals, question and answer, and 1553-manufactured samples to communicate concepts in a clear and dynamic manner. Unlike a simple demonstration, the lab sessions give students "hands-on" experience in analyzing 1553 communication and troubleshooting 1553 remote terminal problems. Personal assistance by the instructor is provided during the lab sessions. However, the greatest value of these lab sessions lies in the personal involvement of the student with the concepts being taught. Interaction is accomplished by providing students with a view of the messages being sent on the 1553 data bus and allowing them to manipulate the messages. Using an oscilloscope, students can move from words on paper to actually seeing how bits are encoded, how word formats differ, and what a message sequence looks like. Students also gain experience in troubleshooting problems in remote terminals.

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

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 TRANSITION AND PLACEMENT CENTER

Need help with 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 Placement Center (CTPC) 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 CTPC or to schedule an appointment, call 989-3997 (Point Mugu) or 939-2359 (China Lake).

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 extended 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 COMNAVIAIR. 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/commands.
- This is a DAWIA (Defense Acquisition Workforce Improvement Act) Designated Position. PL 101-510 requires that all applications for DAWIA designated positions, which are advertised by evaluating utilizing a quality ranking factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants wishing more information on 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.

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, management, 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.

CONTRACT MANAGEMENT FOR NAVAIR ACQUISITION WORKFORCE (40 hrs.)

17-21 November; Monday-Wednesday, 0800-1600; Training Center, China Lake.

This 5-day course is designed to acquaint technical personnel with the DOD acquisition process and to emphasize the importance of engineers, quality personnel, specification writers, and requirements determinators in procurement and contract administration. The course reinforces the role of technical personnel, before and after the contract is awarded. This course also meets the requirements for certification as a Contracting Officer's Representative.

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

FILEMAKER PRO 3.0 FOR WINDOWS, BEGINNING (8 hrs.)

20 November; Thursday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Students must be able to use the Windows operating system.

This class is designed for people who have little or no experience using the FileMaker Pro 3.0 for Windows program.

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

FILEMAKER PRO 3.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

20 November; Thursday, 0800-1600; Training Center, China Lake.

Prerequisite: Experience using FileMaker Pro 3.0 for Macintosh program.

This class is for users who want to further develop their skills and knowledge of the FileMaker Pro 3.0 for Macintosh program.

To enroll or obtain further information, contact Tammy Berry, Code 733000D, at 939-2451 (DSN 437-2451).

WINDOWS 3.1 INTRODUCTION (8 hrs.)

24 November; Monday, 0800-1600; Training Center, Point Mugu.

This class is designed for people with little or no experience using an IBM or compatible computer, and the Windows 3.1 operating system.

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

SURFING THE INTERNET INFORMATION SUPER-HIGHWAY (8 hrs.)

24 November; Monday, 0800-1600; Training Center, China Lake.

Prerequisite: Students must be proficient in using a Macintosh computer.

This is an opportunity to become familiar with the Internet Information Superhighway and the available resources the "net" has to offer.

To enroll or obtain further information, contact Tammy Berry, Code 733000D, at 939-2451 (DSN 437-2451).

C++ INTRODUCTION (40 hrs.)

1-5 December; Monday-Friday, 0800-1600, Point Mugu (2360 Oxnard Blvd., Oxnard). By: Professional Computer Training (William Corley, (805) 983-0855)

Prerequisites: Attendees should have a working knowledge of C or be fluent in ANSI C or other block-structured language. Individuals should either have a year or experience programming in C or have completed the series of programming courses.

This course will provide the attendees with a working knowledge of C++ and object-oriented design and programming techniques. Topics include an overview, comparison between C and C++ memory allocation, overloaded functions, and C++ structures. This class is aimed primarily at programmers. The class consists of lectures and lab sessions. Attendees are expected to complete several programming lab assignments.

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

MENTORING WORKSHOP (8 hrs.)

2 December; Tuesday, 0800-1600; Training Center, Point Mugu.

By: Suzanne Hard

Note: Priority will be given to employees who are willing to mentor participants in the Civilian Leadership Development framework and/or the JP development program.

Ensuring that an individual can and will succeed within the organization may involve connecting them in a special relationship with others who have already made their way up the ladder. This mentoring relationship has helped individuals learn the ropes, allowed for introductions to top management, and allowed the mentee access to areas, knowledge, and information that would otherwise be unknown to them. Government workers have had a greater difficulty

finding mentors for a variety of reasons. One way to deal with this problem is for the organization to take an assertive approach and train men and women in how to form mentoring networks. Participants will practice coaching skills, identify key elements of the mentoring process, identify the responsibilities of being a mentor, and develop solutions for common mentoring problems.

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

NAVY WORKING CAPITAL FUND (24 hrs.)

2-4 December; Tuesday-Thursday, 0800-1600; Training Center, China Lake. By: Leon Mantou

This is a comprehensive review of (a) the working capital fund, (b) accounting for assets, (c) basic cost accounting, (d) cost accounting and billing, and (e) budgeting for the working capital fund. A highlight of the course is preparation of an operating budget by attendees, with instructor assistance. The course includes lectures on stabilized rates used for billing to customers, labor acceleration, and overhead rates preparation. Attendees will be provided a workbook "Financial Glossary of Abbreviation and Acronyms."

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

POWERPOINT 4.0 FOR MACINTOSH BEGINNING (8 hrs.)

2 December; Tuesday, 0800-1600; Training Center, Point Mugu.

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

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

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

FILEMAKER PRO 3.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

3 December; Wednesday, 0800-1600; Training Center, China Lake.

Prerequisite: Experience using FileMaker Pro 3.0 for Macintosh program.

This class is for users who want to further develop their skills and knowledge of the FileMaker Pro 3.0 for Macintosh program.

To enroll or obtain further information, contact Tammy Berry, Code 733000D, at 939-2451 (DSN 437-2451).

EXCEL 5.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

3 December; Wednesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using Excel 5.0 for Macintosh program.

This class is for users who want to further develop their skills and knowledge of the Excel 5.0 for Macintosh program.

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

WORD 7.0 FOR WINDOWS 95, BEGINNING (8 hrs.)

3 December; Wednesday, 0800-1600; Training Center, China Lake.

Prerequisite: Students must be able to use the Windows 95 operating system.

This class is designed for people who have little or no experience using the Word 7.0 for Windows 95 word processing program.

To enroll or obtain further information, contact Tammy Berry, Code 733000D, at 939-2451 (DSN 437-2451).

POWERPOINT 4.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

4 December; Thursday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using PowerPoint 4.0 for Macintosh program.

This class is designed for users who want to further develop their skills and knowledge of the PowerPoint 4.0 for Macintosh program.

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

CONFIGURATION/DATA MANAGEMENT (8 hrs.)

Note: This course has been rescheduled for the second quarter of FY98

By: Mike Byrne, Code 332200D

Note: SEDP required course. Replaces the former class title of "Acquisition of Technical Data."

Configuration Management (CM) is a discipline that is applied over the life cycle of a product to provide visibility and control of its functional and physical characteristics. Emerging industry standards will be discussed as because replacements available to existing MIL specs and standards to met Acquisition Reform Requirements.

RETIREMENT PLANNING SEMINARS

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

PRE-RETIREMENT PLANNING WORKSHOP (16 hrs.)

3-4 March; Tuesday-Wednesday, 0800-1600; Training Center, Point Mugu.

10-11 March; Tuesday-Wednesday, 0800-1600; Training Center, China Lake.

7-8 July; Tuesday-Wednesday, 0800-1600; Training Center, China Lake.

14-15 July; Tuesday-Wednesday, 0800-1600; Training Center, Point Mugu.

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

MID-CAREER RETIREMENT PLANNING WORKSHOP(8 hrs.)

10 February; Tuesday, 0800-1600; Training Center, Point Mugu.

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

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

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).

INTEREST SURVEY FOR "INTERMEDIATE SOFTWARE ACQUISITION MANAGEMENT" COURSE

The Employee Development Division is looking into the possibility of on-siting a software acquisition management course. Employees who work in the areas of software development/management or information technology (those who must apply new software development standards) can call Tomma Bersie at 939-1064 to obtain more information or to indicate interest. This course provides an excellent overview of software engineering practices and acquisition reform. The course description follows:

Intermediate Software Acquisition Management is targeted to the software professional, using in-depth studies of real and hypothetical software cases from within DOD which includes C4I, AIS, and MCCR. Students will extend their knowledge of current best practices and critical success factors for software development and acquisition by actively applying concepts and tools of risk and project management. Course material includes plans for defining procurement requirements, vendor qualification, methods for proposal evaluation criteria, acquisition reform topics, software development methods, software cost estimating, software metrics, and creation and evaluation of documentation relevant to software acquisition.

Course Length: 10 days

FINANCIAL SUMMARY DATABASE (FSDB) BUSINESS OBJECTS

The FSDB Project Office will be presenting the following 8-hour course at China Lake and Point Mugu. The course will introduce participants to the Financial Summary Database (FSDB), which provides a streamlined, flexible, and powerful tool for querying and reporting financial information from the NIFMAS financial system. Participants will learn how to use the Business Objects query and reporting software to obtain the financial information they need. The class will also cover defining, organizing, and using the financial information available from FSDB.

Intended Audience: Administrative Officers, Business Managers, Budget/Financial Analysts, or anyone requiring summary financial data.

Prerequisites: Proficient in Microsoft Excel; experience in requesting and analyzing financial reports. It is also highly recommended that participants purchase the Business Objects client software prior to attending the class. For purchasing assistance QuickMail a request to the "FSDB Help Desk" or contact Jessica Vincent at 927-1500 (DSN 469-1500).

Note: All classes are from 0800-1600 and will be held in the Mac Labs at the China Lake and Point Mugu Training Centers.

China Lake	Point Mugu
11-17-97*	11-20-97
11-18-97*	12-16-97
12-16-97*	01-13-98
12-18-97*	01-29-98
01-15-98	02-10-98
01-27-98	02-26-98
02-12-98	03-10-98
02-24-98	03-26-98
03-12-98	
03-24-98	

*These classes are full.

To enroll, QuickMail your request to the "FSDB Help Desk" providing your name, code, and phone number, or contact Laura Brown at 989-7575 (DSN 351-7575).

FILEMAKER PRO 3.0 FOR WINDOWS, INTERMEDIATE (8 hrs.)

8 December; Monday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using FileMaker Pro 3.0 for Windows program.

This class is designed for users who want to further develop their skills and knowledge of the FileMaker Pro 3.0 for Windows program.

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

POWERPOINT 4.0 FOR WINDOWS 3.1, BEGINNING (8 hrs.)

9 December; Tuesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Students must already be able to use the Windows 3.1 operating system.

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

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

MANAGING IN A CHAOTIC ENVIRONMENT (16 hrs.)

9-10 December; Tuesday-Wednesday, 0800-1600; Training Center, China Lake.

By: William Chiat, Center for Excellence in Government

The world around us is changing every minute: new technologies continue to become available that affect the workplace; 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 downsized and close; and cutback and outsourcing loom on the horizon. How is a manager supposed to manage effectively in this kind of chaotic environment?

This fast-paced course focuses on enhancing a manager's leadership skills for a chaotic workplace and building their capabilities to understand and manage change in the workplace.

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

MANUFACTURING TECHNOLOGY (12 hours, China Lake; 8 hrs, Point Mugu)

9-10 December; Tuesday (0800-1600), Wednesday (0800-1130); Mich Lab, Wing 8, Room 122, China Lake.

12 January; Monday (0830-1600), Bldg. 366, Point Mugu.

By: In-house instructors.

Note: This is a required course for SEDP personnel who entered the program in 1996 and is a highly recommended elective for SEDP personnel who entered the program prior to 1996.

This course explores the wide range of the latest manufacturing practices, materials, equipment, tooling, and techniques applicable to product development, prototype, and production projects. The overall objective is to generate an awareness of modern industrial capabilities and to provide the participants with sufficient reference information to allow for informed selection of materials and processes, with consideration for the associated costs, schedules, and labor demands. Selected materials, including composites, and related processes are described in sufficient detail to allow for comprehension of the relative characteristics and manufacturing trade-offs. Related metrology topics are also covered. The course will be comprised of lectures, slide presentations, and selected laboratory facilities tours.

To enroll at the China Lake site, submit an On-Board Training Request (NAWCWPNS 12410/2) to Dorothy Wiederhold, Code 733000D. For further information, call 939-2359 (DSN 43-2359).

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

PERFORMANCE-BASED STATEMENTS OF WORK (16 hrs.)

9-10 December; Tuesday-Wednesday, 0800-1600; Training Center, Point Mugu. By: Don Parsons

In its efforts to reform acquisition processes and to comply with federal policy, the DOD has adopted performance-based contracting as its standard. The ability of DOD personnel to write performance-based statements of work (SOWs) is critical to the success of performance-based contracting. Historically, SOWs have either been poorly or overly restrictive, thwarting both DOD and its contractors in ensuring quality products and services. The goal of this course is to improve the SOWs produced by DOD personnel by teaching them to write SOWs in a performance-based manner. Because this is a skill-based course, participants are given ample opportunity to practice the skills taught. When they leave the course, participants will feel confident of their ability to return to their jobs and actually write a performance-based SOW.

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

EXCEL 5.0 FOR WINDOWS 3.1, BEGINNING (8 hrs.)

10 December; Wednesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Students must already be able to use Windows 3.1 operating system.

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

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

FILEMAKER PRO 3.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

10 December; Wednesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using FileMaker Pro 3.0 for Macintosh program.

This class is designed for users who want to further develop their skills and knowledge of the FileMaker Pro 3.0 for Macintosh program.

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

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Prerequisite: Experience using FileMaker Pro 3.0 for Macintosh program.

This class is for users who want to further develop their skills and knowledge of the FileMaker Pro 3.0 for Macintosh program.

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

WORD 6.0 FOR MACINTOSH, INTERMEDIATE (8 hrs.)

11 December; Thursday, 0800-1600; Training Center, China Lake.

Prerequisite: Experience using Word 6.0 for Macintosh program.

This class is designed for users who want to further develop their skills and knowledge of the Word 6.0 for Macintosh program.

To enroll or obtain further information, contact Tammy Berry, Code 733000D, at 939-2451 (DSN 437-2451).

C++ INTRODUCTION (40 hrs.)

15-19 December; Monday-Friday, 0800-1600, Training Center, China Lake. By: John Francis, Code C535100D

Prerequisites: A basic understanding of the programming language of C and/or a working knowledge of address pointers in another language.

This class is a short overview of C (time dependent on class knowledge of C). C++ data types, overloading, templates, C++ class objects, inheritance, polymorphism basic-class derivation, and virtual-abstract classes will be used as class examples and projects. With the subject of class-objects member virtual, friend, constructors, and destructors function will be discussed. Object-oriented analysis and design will be part of every lab. Concepts and methods on OOA and OOD will be discussed, and there will be at least one lab project. This is a hands-on class. There will be 40% lecture and 60% lab. Time permitting, there will be three labs devoted to window-type programs using C++.

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).

EXCEL 5.0 FOR WINDOWS 3.1, INTERMEDIATE (8 hrs.)

Note: This course is rescheduled from 4 November.

15 December; Monday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using Excel 5.0 for Windows 3.1 program.

This class is for users who want to further develop their skills and knowledge of the Excel 5.0 for Windows 3.1 program.

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

WORD 6.0 FOR WINDOWS 3.1, BEGINNING (8 hrs.)

Note: This course is rescheduled from 23 October.

16 December; Tuesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Students must be able to use the Windows 3.1 operating system.

This class is designed for people who have little or no experience using the Word 6.0 for Windows 3.1 word-processing program.

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

WORD 6.0 FOR FOR WINDOWS 3.1, INTERMEDIATE (8 hrs.)

Note: This course is rescheduled from 30 October.

17 December; Wednesday, 0800-1600; Training Center, Point Mugu.

Prerequisite: Experience using Word 6.0 for Windows 3.1 program.

This class is designed for users who want to further develop their skills and knowledge of the Word 6.0 for Windows 3.1 program.

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