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# THE ROCKETEER

THURSDAY, JANUARY 23, 1997

NAVAL AIR WARFARE CENTER WEAPONS DIVISION, CHINA LAKE

Vol. 53, No. 2

Three get NMCSAs 6  
Urinal tablet makers honored 10

## First tests of JDAM at China Lake prove successful

Striking within four feet of the center of the target on one of the first test drops of Joint Direct Attack Munitions (JDAM) at China Lake, Monday, Jan. 13, marked a successful kickoff to the JDAM Integrated Systems Evaluation (ISE, pronounced "ice").

The first drops were from a U.S. Air Force F-16, based at Nellis AFB, Nev., piloted by Maj. Ken Stefanek (USAF).

JDAM is an Air Force-led joint program designed to upgrade aircraft-dropped 2,000- and 1,000-pound free-fall weapons — MK-84, Penetrator BLU-109, MK-83 and BLU-110. Manufactured by McDonnell Douglas in Saint Louis, Mo., JDAM is a tail-fin retrofit providing Global Positioning System (GPS) guidance to what are currently ballistic free-fall weapons. It incorporates mid-body strakes, moveable tailfins and a GPS-aided inertial navigation system. Aircraft-dropped JDAMs acquire GPS signals and guide the warhead to a pre-programmed target coordinate.

"Unit commanders await JDAM operational capability with much anticipation," said U.S. Marine Corps Major John T. Rahm, ISE test coordinator. "JDAM will greatly enhance the warfighter's current capabilities. It is also expected to revolutionize the art of strike warfare. Aircrews will benefit from the increased accuracy of GPS guidance."

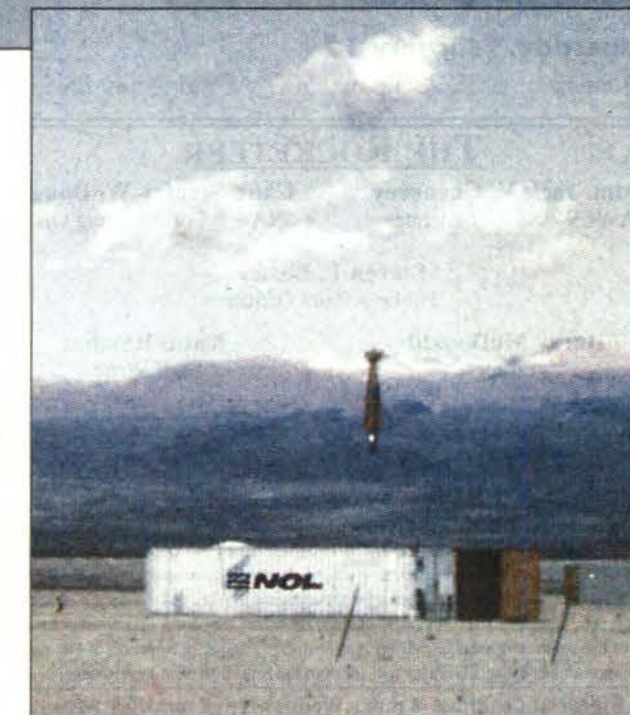
Rahm, a NAVAIR PMA-201 representative who works in the JDAM Joint Program Office at Eglin AFB, Fla., explained that since GPS guidance eliminates the need for visual targeting by aircrews, JDAM can be dropped through bad weather or target smoke. "JDAM is a low-cost, accurate weapon that gives the warfighter an adverse weather capability not found in the current inventory of precision weapons."

The Air Force currently plans to procure 62,000 JDAMs, while the Navy plans to purchase 26,000. The approximate cost of a JDAM tail kit is \$14,000.

"The JDAM ISE is an acquisition reform initiative that gives operational aircrews an opportunity to evaluate JDAM early in the developmental cycle," Rahm explained. "This operational feedback is structured to



**IT'S D'BOMB**—High-speed video and film cameras captured the early success of JDAM. An F-16 from Nellis, AFB (above), dropped a MK-84 JDAM, which used GPS guidance to deliver the bomb to within four feet of the target's center (right).



assist service acquisition officials in their decisions to grant JDAM a low-rate initial production decision."

The ISE at China Lake runs through the remainder of January. JDAMs will be dropped by operational F-16 aircrews from the 422nd Test and Evaluation Squadron from Nellis.

China Lake will also be the test facility for most of the future JDAM test and evaluation. In addition to the F-16 ISE, testing will be conducted using the AV-8B, B-1, B-2, B-52 and F/A-18. Approximately 200 JDAMs will be dropped on China Lake ranges during 1997.

Rahm credited the early success and smooth operation of the ISE to Brad Weich of the China Lake JDAM Project Office and James Lloyd, who coordinates range usage for the program.

## PW, Pacific Ranges & Facilities, Threat/Target departments Commercial activity studies to be performed at CL

Last week the Navy announced initiation of detailed studies to determine the feasibility and economy of converting various support functions to contractor performance at the Naval Air Warfare Center Weapons Division and the Naval Air Weapons Station China Lake. Currently there are 390 civilian personnel performing those functions that will be studied.

At China Lake, the positions to be studied are in the Public Works Department of NAWS and the Pacific Ranges and Facilities and Threat/Target departments of NAWCWPNS. This includes 182 public works positions, 153 range operations functions, eight target

operations billets and seven positions in the test article preparation area. An additional three military automated data processing positions in Air Test and Evaluation Squadron Nine (VX-9) will be studied as part of the commercial activity study process.

Decisions to convert the functions to contract will be made only if the detailed studies indicate that significant savings of tax dollars can be achieved. If such decisions are made, Congress and the public will be notified according to normal procedures.

Civilian employees affected will receive assistance from federal placement programs, including relocations, in

obtaining transfer reassignment to other positions in the Department of Defense or to other federal agencies at government expense, if necessary.

As a general rule, any civilian employees displaced in the event a commercial contract is awarded will be offered the right for first refusal for employment in positions for which they are qualified.

The studies will take between 12 and 36 months to complete depending on the number of functions considered in each study.

These studies will identify the cost of government performance of the work and solicit bids from the private sector for the

functions covered. A performance work statement (PWS) specifying the requirements is developed and included in the solicitation. This PWS also forms the basis for a most efficient organization (MEO) developed to perform the work in-house. The MEO is used to determine costs for the government estimate used in the cost-comparison. If the comparison shows the cost of contractor performance is at least 10 percent less than the government's personnel costs, the function will be contracted.

Work on the studies will begin in the next few days and will be primarily conducted by personnel at the Weapons Division and NAWS China Lake.

## Weather

January 8 - 14					
	High	Low	Gusts	Humidity	
Wed	60	28	13	60-22%	
Thurs	63	26	10	69-20%	
Fri	64	29	10	72-24%	
Sat	61	29	11	75-25%	
Sun	55	33	32	76-40%	
Mon	47	30	39	79-26%	
Tues	44	25	14	41-21%	
January 15 - 21					
Wed	39	31	12	100-32%	
Thurs	47	30	10	96-51%	
Fri	53	24	09	96-44%	
Sat	59	27	09	93-31%	
Sun	61	28	10	87-25%	
Mon	59	38	24	85-33%	
Tues	60	31	32	79-31%	

## China Lake Calendar

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

**Thursday, February 6**  
• National Prayer Luncheon, 11:30 a.m., East Wing of Chapel. Call 939-2873 for tickets.

**Monday, February 10**  
• Mini Safety Standdown, Michelson Lab, Room 1000D 9 a.m. and 1 p.m.

**Tuesday, February 11**  
• Mini Safety Standdown, Michelson Lab, Room 1000D 9 a.m. and 1 p.m.

**Wednesday, February 12**  
• RAB meeting, 6:30-9:30 p.m., 500 W. Ridgecrest Blvd.

## THE ROCKETEER

RAAdm. Jack V. Chenevey  
NAWCWPNS Commander

Capt. Stanley W. Douglass  
NAWS Commanding Officer

Steven F. Boster  
Public Affairs Officer

Barry McDonald  
Editor

Kathi Ramont  
Staff Writer

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



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

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNNS, 1 Administration Circle, China Lake, CA 93555-6001; or transmitted by QuickMail to Barry McDonald. (If unable to find this name: select CL\_HQ zone, NAWSTAFF\_MC mailcenter.) Fax information to 939-2796, or call 939-3354. E-mail address is barry.mcdonald@mail.chinalake.navy.mil. THE ROCKETEER office is located at Headquarters, Building 00001, 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.


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Advertising deadline is noon, the Friday before publication.

RECYCLE EVERYTHING. PROTECT THE LAKE AND YOU

## The Commanding Officer's Desktop



By Capt. Stan Douglass  
NAWS Commanding Officer

**Question:**  
Reorganization, budget cuts and the RIF have undoubtedly had a demoralizing effect on the Ridgecrest/China Lake community. Why, then, do we perpetuate low morale by the use of such names as "Wreck Center" and "Lemon Lot," which have negative connotations? These names, while colloquial and in existence for many years, just plain don't look good in print. It's unprofessional to use these names in publications (such as *The Rocketeer*) and in places (such as the sign in the traffic circle and on the car lot) that are seen by the general population. Believe me, I'm not the only one who is stung every time I see these names in print. I don't think that either negativism or apathy are the "images" we want to project. "Rec Center" and "Used Cars" are suitable, neutral designators.

**Answer:**  
The name "Wreck Center" was selected for the new recreation center in the summer of 1995. It had been suggested that the new center follow a theme of a shipwreck, such as the one portrayed in the television show "Gilligan's Island." This approach seemed very reasonable and unique, given China Lake's naval heritage and the fact that our China Lake rarely has water. The Wreck Center name came into existence with the intent of capturing our customer's interest through humor and association, a not uncommon ploy on the part of others in the highly competitive business of food and entertainment.

The "Lemon Lot" name parodied many other installations which have adopted this name for their used vehicle resale lots, and was meant to serve as a reminder of the "buyer beware" nature of these transactions.

We have no desire to create an atmosphere of depression or low morale on the station through our selection of activity names. I would like to hear if others hold your opinion on our selected names and ask that they respond by e-mail to our MWR folks at melissa\_finnell@imdgw.chinalake.navy.mil. Melissa's quickmail is Melissa.Finnell, Zone: CL HQ One, MainCenter: MWR\_MC.

## Library open Sunday to Thursday

NAWS Library, located in Bennington Plaza near the Navy Exchange, is open Sunday from 10 a.m. to 6 p.m., and Monday through Thursday from 11 a.m. to 7 p.m.

The library is closed Friday and Saturday.

For information on services, please call 939-2595.

## Obituaries

### Cecile Lloyd Dickerson

Cecile Lloyd Dickerson, wife of former Naval Weapons Center commander, Capt. Kenneth Dickerson (Ret.), died Jan. 12 at her home in Ridgecrest. She was 60. There will be a memorial service at the All Faith Chapel today, Jan. 23, at 5 p.m.

She was born Sept. 26, 1936, at Alice, Texas. Her husband served at China Lake from 1983 until he retired from the service in June 1986. While living at China Lake, she was active in the Officer's Wives Club.

In addition to her husband, Mrs. Dickerson is survived by daughter, Denise; son and daughter-in-law, Steve and Kathy; father, Frank Lloyd of Alice, Texas; granddaughter, Sarah Sorges Dickerson of San Diego; sister, Martha Ann Goldthorn of Dallas, Texas; sister-in-law, Jackie Lloyd of Alice, Texas. She was preceded in death by her mother, Mattie Belle Lloyd; brother, Frank B. Lloyd Jr.; and son, David. Funeral services were held at the First Presbyterian Church in Alice, Texas, on Jan. 17.

## Pages From The Past

Jan. 23 & 30, 1987

Tom Campbell, a biologist with the Environmental Branch, is off to India for five weeks. He has been selected to take part in a Group Study Exchange. . . . Glen Dunn's continued efforts to be able to use a better quality of paint for road striping has resulted in his suggestion being accepted DoD-wide.

Jan. 21 & 28, 1977

A safety record of one million man-hours worked without a lost time accident was presented to the Engineering Department's Burrell Hays by RAdm. R.G. Freeman III, NWC commander. . . . Dr. Carl Austin, head of the Petrodynamics Branch, is invited to speak at a Geothermal Resources Development Institute in Salt Lake City, Utah.

Jan. 20 & 27, 1967

"Very favorably impressed" was RAdm. H. B. Combs, assistant chief of the Bureau of Yards, remark on his first visit to NOTS. . . . NOTS' progress in developing advanced antenna systems is receiving a big boost with the construction of a million dollar anechoic chamber testing facility.

Jan 18 & 25, 1957

Eleven junior professionals left yesterday for a two-day orientation tour on the USS *DeHaven*. . . . The Insurance Committee stated that without the excellent cooperation and enthusiasm of the Insurance Collectors, the insurance program could not function properly. During the last week of each month, about fifteen employees collect premiums in their respective divisions.

Jan. 22 & 29, 1947

One hundred and fifty new duplexes will alleviate the local housing shortage for 300 NOTS families, while a five-and-a-half million dollar laboratory will provide additional working space for scientific research. . . . Six new babies were born at the station dispensary this last week, said Eva Donohue, nurse. . . . Dicky Mathews escaped death by drowning, after he slipped from the deck of the swimming pool and was knocked unconscious. Quick action by Harold Pierce, high school athletic coach, and the NOTS fire department saved the boy's life.

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## COMMUNITY EVENTS

Deborah Liv Johnson will hold a concert on Sunday, Jan. 26, in the Cerro Coso Community College Lecture Center at 7:30 p.m. Tickets, \$5 for ASSCC students and \$7 for all others, are available at the Village Bookshelf and the college business office. Call 384-6100 for further information.

####

There will be a membership meeting of the Literacy Council on Saturday, Jan. 25, 9 a.m., at the Santiago Ridgecrest Estates Club House, 801 W. Ward Avenue. Guest speaker will be Nina

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**NO BULL PRICE \$12,770\***

**1994 VILLAGER GS**  
V-6, auto, air, CD player & more!  
Vin# 95400  
Kelley Blue Book ..... \$19,695  
**NO BULL PRICE \$15,900\***

**1994 AEROSTAR XL**  
V-6, auto, air & more!  
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Kelley Blue Book ..... \$15,740  
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**1993 AEROSTAR XL**  
V-6, auto, air & more!  
Vin# 72513  
Kelley Blue Book ..... \$13,970  
**NO BULL PRICE \$10,500\***

**1993 AEROSTAR XLT**  
Extended Length!  
Vin# 58514  
Kelley Blue Book ..... \$13,805  
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**1991 AEROSTAR EXTENDED LENGTH**  
XLT, V-6, dual air, auto & more!  
Vin# 04885  
Kelley Blue Book ..... \$12,395  
**NO BULL PRICE \$9,500\***

**1995 AEROSTAR XL**  
V-6, auto, air & more!  
Vin# 06963  
Kelley Blue Book ..... \$17,770  
**NO BULL PRICE \$14,900\***



## ECONOMY CARS & SPORTY CARS



**1996 MERCURY TRACER**  
Auto, air, cassette & more!  
Vin# 18556  
Kelley Blue Book ..... \$12,460  
**NO BULL PRICE \$9,900\***

**1995 ESCORT LX WAGON**  
Auto, air, cassette & more!  
Vin# 18553  
Kelley Blue Book ..... \$12,040  
**NO BULL PRICE \$9,500\***

**1995 ESCORT LX 5DR**  
Auto, air, cassette & more!  
Vin# 47403  
Kelley Blue Book ..... \$10,995  
**NO BULL PRICE \$9,900\***

**1996 CONTOUR GL**  
Anti lock brakes, alloy wheels & more!  
Vin# 18966  
Kelley Blue Book ..... \$15,375  
**NO BULL PRICE \$12,900\***

**1995 MUSTANG LX**  
V-6, 5 spd, air & more!  
Vin# 57856  
Kelley Blue Book ..... \$15,280  
**NO BULL PRICE \$13,500\***

**1995 HONDA CIVIC DX 4DR**  
Air, CD player, 5spd & more!  
Vin# 14606  
Kelley Blue Book ..... \$12,965  
**NO BULL PRICE \$9,000\***

**1995 FORD ASPIRE**  
5spd, cassette & more!  
Vin# 17871  
Kelley Blue Book ..... \$7,635  
**NO BULL PRICE \$5,800\***

**1993 GEO PRISM LSI**  
Auto, air, cassette & more!  
Vin# 57843  
Kelley Blue Book ..... \$12,450  
**NO BULL PRICE \$9,900\***

**1993 MUSTANG LX**  
Auto, air, cassette & more!  
Vin# 40558  
Kelley Blue Book ..... \$9,670  
**NO BULL PRICE \$7,500\***

**1995 PROBE SE**  
Auto, air, moon roof & more!  
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Kelley Blue Book ..... \$15,710  
**NO BULL PRICE \$12,900\***



And many more...  
**1996 Taurus GL Vin# 31391 \$13,600\***  
**1995 Thunderbird LX Vin# 05213 \$15,900\***  
**1995 Mustang Conv. Vin# 53804 \$14,900\***  
**1996 Taurus LX Wagon Vin# 16746 \$13,900\***  
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### Orthopedic surgeon takes to the skies

## Former China Laker returns to assist with medical needs of military members and families

By Dan Barber  
PAO Twentynine Palms Naval Hospital

Capt. Kenneth Koskella, Medical Corps, aka "Doc" to his naval aviator buddies, has taken to the skies above the Mojave Desert to deliver medical care to the deckplates, or in "Airdale" lingo, to the "flightline" at NAWCWPNs China Lake.

Koskella knows from personal experience that some families at China Lake have a need for additional specialty medical care. He identified that need while serving here as a safety officer and operations officer while a naval aviator with Air Test and Evaluation Squadron Five from March 1982 to December 1985.

"Young military families at China Lake don't have the TRICARE Prime option available to them," he said. "When a patient needs specialty care they either have to see a civilian doctor in Ridgecrest and pay the cost shares of TRICARE Standard, or go through the expense of buying gas to drive all the way to San Diego for a medical appointment and possibly having to rent a motel room overnight. Some of these young families just don't make enough money to survive those kinds of expenses."

During his visits to the Branch Medical Clinic (BMC), Koskella sees between 20 to 25 patients, saving the commands at China Lake, and the taxpayers, anywhere from \$4,000 to \$6,000 per month in travel money.

More importantly, his trips provide a great convenience to both patients and the line commands at China Lake. The patients can be seen by appointment and be back on the job or at home in the same day. "Because of the inconvenience and expense of specialty medical care at China Lake, some of these patients would rather just live with their pain until they transfer to another command or get out of the military. This could lead to an exacerbation of the problem, creating a need for much more extensive medical care than originally needed and, of course, much more expense either for the patient or for the government," said Koskella.

Region Nine's TRICARE contractor, Foundation Health, has yet been unable to recruit any medical groups or physicians in Ridgecrest to the TRICARE options program. According to Jeanne Hannon, provider relations manager for Foundation Health, the contractor is continuing the effort in Ridgecrest to recruit providers to the TRICARE network.

According to the health benefits advisor at the BMC, Micki Edge-Obergfell, the local medical groups and physicians do accept the assigned amount of payment from TRICARE Standard, however, the cost shares can become very expensive for junior enlisted personnel.

"The young families here get overwhelmed by large medical bills and they panic," Edge-Obergfell said. "These families can make arrangements to pay off those bills in affordable monthly installments, or they can seek

help from Navy Relief."

Koskella, a former A-6 Intruder pilot and Navy test pilot, and now an orthopedic surgeon and director of surgical services at Naval Hospital Twentynine Palms, makes monthly trips to China Lake via his homemade experimental aircraft that he started building while stationed at VX-5 and finished while attending the U.S. Navy Test Pilot School at Patuxent River, Md., in 1986.

"I started building my plane out of my garage and driveway while living at 1408 Essex Circle at China Lake... you can still see the white paint in the driveway where I painted it," he said. Koskella's plane, model "Long-EZ," was designed by Burt Rutan, who also designed and built the "Voyager" aircraft. A few years go, Rutan's brother, Dick, flew the Voyager non-stop around the world. One of the actual test engines that was used on the Voyager now powers Koskella's aircraft.

Koskella was successful in recruiting a physician brave enough to fly with him to China Lake periodically. Lt. Roxanne Macomber, Medical Corps, USNR, of Twentynine Palms, sees pediatric patients in the Well Baby Clinic, while Koskella holds an Orthopedic Clinic. According to Macomber, she doesn't mind flying with Koskella as long as he keeps the plane straight and level... no loops, dips or sharp turns.

Koskella said he would like to see services from Naval Hospital Twentynine Palms expanded to the patients assigned coverage by the BMC. "I believe that it's an easy fix for the commands at China Lake to provide active duty patients and their family members with a shuttle bus run down to Twentynine Palms once a week. I believe we could provide service in orthopedics, pediatrics, family practice, general surgery and gynecology," he said.

China Lake's current population, eligible for military medical care of CHAMPUS, is 1,000 active duty, 3,000 active duty family members and 2,100 military retirees and family members.

However, because Naval Hospital Twentynine Palms already serves a large military retiree population within its area of responsibility, the hospital could not accept any more military retirees living outside its 40-mile catchment area.

## MILITARY NEWS



Photo by Dan Barber  
**PACKING UP**—Capt. Kenneth Koskella preflights and packs his gear aboard his homemade airplane before leaving Twentynine Palms Naval Hospital to fly to China Lake where he assists local medical personnel at the Branch Medical Clinic.

RAdm. Jack Chenevey, commander NAWCWPNs, said recently, "I'm an enthusiastic supporter of the efforts by Naval Hospital Twentynine Palms in the efforts to improve the access to medical care for the Sailors and Marines at China Lake."

LCdr. Paul E. Connor, officer in charge of BMC, would like to see something happen to improve specialty care for beneficiaries at China Lake. "The service Koskella provides to our patients here was a venture initiated, not because somebody was told to do it, but because a need was recognized by my staff and Capt. Koskella. That need has been met with minimal red tape, resulting in an outstanding outcome, which has not only significantly reduced the cost of medical care, but increased patient access and satisfaction here at China Lake," he said.

One young corpsman, HN Rachelle Harvey, summed it up by saying, "By having Capt. Koskella visit patients at China Lake, it prevents the patients from enduring a lot of hassle in trying to get medical care, and it prevents a lot of administrative hassle and saves the commands here a lot of money and time."

In addition to the benefits Koskella delivers to patients in China Lake, the hospital staff at Twentynine Palms also benefits... they get a first-hand ski condition report from Dr. Koskella because his flight path has him buzzing around the slopes at Big Bear Lake.

Perhaps because of Koskella's good work, the NAWs CO will forgive him for leaving behind a white blotchy driveway on Essex Circle.

## Senior and Junior Bluejackets of the Year Award dinner is March 15

Reservations for the 28th Annual Indian Wells Valley Council of the Navy League's Bluejacket of the Year Award Dinner are now being taken.

The top senior and junior Sailors from China Lake will compete for money and prizes provided by the local community on Saturday, March 15, at the NAWs Wreck Center.

This event starts with a social period at 6 p.m.

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

Nominees for Senior and Junior

Bluejackets of the Year from NAWs are AC1(AW) Douglas M. Prestel and AZ3 Debra A. Thomas.

From VX-9 the candidates are AZ1 Angela L. Steiert and AD3 Richard J. Hatfield.

The Branch Dental Clinic candidates are DT1 Pamela R. Joe and DT3 Misty L. Provence; and from WTS, only one can-

didate, AO1 John W. Barfield.

Navy League President Warren Seal and Ridgecrest Mayor Bill Lalor will announce the winners.

Tickets are \$17.50 per person and can be purchased from the IWV Navy League, P.O. Box 2070, Ridgecrest, CA 93556, or contact your command master chief.

# Chapel Call

## Our nation needs your prayers

By Lt. C. Allan Ford, CHC, USNR  
Assistant Command Chaplain



As we entered into this new year of 1997, we made some resolutions that we will try to keep. I always make the one, "I will try to lose weight and do more exercise," and, of course, this resolution will fall apart in a short time. But, as we leave 1996 behind, I must ask the question, what did we do for our nation? We as a nation reelected a president, and we voted for some new bills that could possibly change the way some people live in our nation. But during all of the time spent listening to politicians and their agenda, did we as a nation pray for our nation?

During the year of 1996 we witnessed problems with nature. We experienced floods, tornadoes, snow storms, heat waves and many other natural disasters, but did we as a nation pray for those who lost loved ones and possessions due to nature? Have we as a nation prayed for our government that must pick up the debt that was incurred through these problems with nature?

During the year of 1996 we witnessed problems with mankind. We watched while parts of our nation were having riots, and even in our own community we had a riot. We see that drug and alcohol use are on the

increase among our teens. There is too much "bad" that is taking place in our nation to even mention, but as a nation, are we praying for the recovery of our nation in 1997?

The old year is out and the new year is in, but how can we help our nation this year? The simplest way is to pray. Pray for our leaders, pray for the government, pray for those who will suffer loss from nature and pray for the youth of today for they will be the leaders of tomorrow. Our nation needs your prayers. The God who formed this world and this nation will hear your request from your heart and He will bless this nation.

On Thursday, Feb. 6, the All Faith Chapel is hosting the 26th National Prayer Luncheon. I encourage you to come and help pray for our nation. Our nation needs your prayers. Cdr. Dane Swanson, CO of the Naval Weapons Test Squadron, will be the guest speaker. The 11:30 a.m. luncheon will be held in the East Wing of the chapel.

Tickets are \$5.50 and should be purchased from Eleanor Hartwig at the Chapel Office by Monday, Feb. 3. Her telephone number is 939-2873.



**HAPPY WINNER**—Top winner in the Christmas give-a-way drawings at the China Lake Commissary was Patricia Dill, who won a dishwasher donated by UMEC. Erica A. Farrar, won a decorated Christmas tree, Christmas stocking and a wall hanging. A Little Tikes log Cabin donated by Kraft was won by Phyllis Galloway. Movie passes donated by Frito-Lay were won by Alice Lara, Jim Elder, Carolyn Jones and Kelly Roe. Cassandra Odams won various prizes as a runner-up to the Little Tikes drawing. "It's always fun to go grocery shopping and come home with that unexpected something extra," said Dill.

## Bowling champion



**ELEVEN STRIKES** in a row won OSCS(SW) Dennis Harden, NAWS command career counselor (left), a special award from the American Bowling Congress on Sunday, Jan. 12, at Hall Memorial lanes. The award was an engraved plaque presented by Dale Bennett, president of the Ridgecrest-China Lake Bowling Association. Harden rolled the 11 consecutive strikes, scoring a 290, while bowling with his team, "The Silver Shadows," on the Sunday night mixed league. According to Bennett, this achievement is unusual considering that the Sunday league is the only organized bowling that Harden participates in each week.

## FSC Happenings

### Classes and training

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

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

Testing is free to the military. Family members can use this service, but a fee of \$40 for CLEP and \$25 for DSSTs is charged. Registration is required. Call Joan at 939-0966 by close of business one week before testing date.

Jan. 28-31 and March 25-28, 7:30 a.m.-

5 p.m. **TAP Class**. Essential class for all military leaving the service. Sign up through your Command Career Counselor.

Jan. 30, 9-11 a.m. **OF-612 Training**. This workshop is designed to give people the skills to do a dynamite OF-612/171. Please RSVP to Donna at 927-1545 by close of business on Jan. 29.

Feb. 5, 5-7 p.m. **Long Term Health Care Issues**. This workshop is designed for people who want a better understanding of long-term health care and how it relates to them. These questions will be answered: how to protect your family's inheritance; what is mental and physical capacity and how do they relate to you; what the government will and will not cover; and major changes happening to our society and health care.

Please RSVP to Karen at 939-1018 by close of business Feb. 4.

## All Faith Chapel Services

Equipment for the hearing impaired and nursery are available

### Protestant

Sunday Worship Service, Main Chapel 10:30 a.m.

Sunday School, Sept. - May, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.

Bible Study (East Wing), Sept. - June, Wednesday 11:30 a.m.

Men's Prayer Breakfast, East Wing, Thursday 6:00 a.m.

Adult Bible Study, East Wing, Thursday 7:00 p.m.

**Jewish** (375-0385 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.

Adult Education, Oct. - June, Saturday, 1902 Dibb 10 a.m. - noon

Hebrew Classes, Oct. - June, Saturday, 1902 Dibb 2-5 p.m.

Religious School, Sept. - June, Sunday, 1902 Dibb 9 - 11 a.m.

Jewish Classes (when Rabbi is here)

Four years and up: Friday, 1902 Dibb 5 - 7 p.m.

Sunday, 1902 Dibb 9-11 a.m.

### Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.

Daily Mass, Blessed Sacrament Chapel 11:35 a.m.

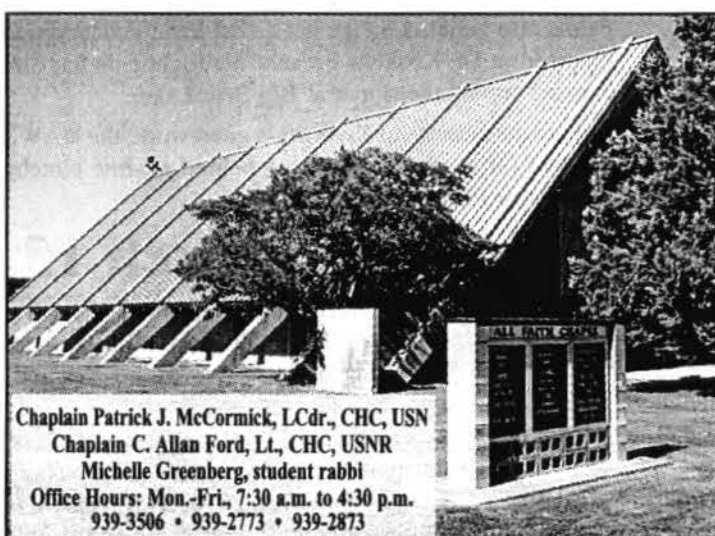
Confessions, Sundays 8:00 - 8:30 a.m.

Confessions, Weekdays By appointment

Religious Education Classes, Sept. - May, Sunday, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher 10:30 a.m.

**Islamic**

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



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

# Leisure Lines

MWR Management Team, NAWS, China Lake, CA

## How to Have the Laugh of Your Life!

Miller Lite Comics on Duty Tour stops at China Lake to offer the lowest priced entertainment within a 100 miles. Super food and beverage specials at bargain prices await! Don't miss the laugh of your life and make reservations today by calling 939-8660. Show contains adult humor. Tickets available at the Wreck Center.

When: January 31 and February 1

Where: Wreck Center

Time: 8:30 p.m.

Cost: Military-\$5.00, DoD/Community-\$8.00

Get your discount coupon from the Swap Sheet.



## Neil Simon Comes to China Lake

Not really but his bright, literate and irresistibly funny play, *Barefoot in the Park* does. Don't miss this dinner theater show and it's featured menu of crisp Caesar salad, hot garlic bread and assorted pasta and sauces. All for only \$13.00 per person. Military retired and reserves receive a \$2.00 discount if tickets are purchased by February 4, 1997. For details or reservations, call 939-8660.

When: February 8

Where: Wreck Center

Cocktails-5:00 p.m. Dinner-6:00 p.m. Show-7:00 p.m.



## Need a Lift?

Ski lift that is! Active duty military have the opportunity to ski exciting snow country up north.

When: February 22

Where: Mammoth

Cost: \$8.00 per person.

Equipment and tickets not included.

Reserve your spot by February 18, 1997.

For details, call Charmaine at 927-4386.

## Crimes we Commit Against our Minds

China Lake Community Library has new hours until further notice.

Hours are:

Sundays, 10:00 a.m. to 6:00 p.m.

Mondays, 11:00 a.m. to 7:00 p.m.

Tuesdays, 11:00 a.m. to 7:00 p.m.

Wednesdays, 11:00 a.m. to 7:00 p.m.

Thursdays, 11:00 a.m. to 7:00 p.m.

Fridays & Saturdays, Closed

Hours are subject to change.

## How to Save Money

Wouldn't you like to save over \$500.00 on MWR services and program? Of course you would! Stop by any MWR facility and purchase our new coupon book filled with incredible specials. For details, call 939-2602.

## What's up Craftech?

Call 939-3252

### Creation of the Month

Make a Valentine's Day Bouquet of candy roses.

Sunday, February 2, 2:00-4:00 p.m.

Wednesday, February 5, 6:00-8:00 p.m.

Thursday, February 6, 1:00-3:00 p.m.

Where: Craftech

Cost: Military-\$10.00, DoD-\$12.00, Community-\$14.00

### How to do Ceramic Wonders!

Learn greenware cleaning, design, coloring and firing. Students responsible for tools.

When: February 6-27, Thursdays, 6:00-8:00 p.m.

Where: Craftech

Cost: Military-\$15.00, DoD-\$17.00, Community-\$19.00

## Super Sundays

WIN Just by Being at the Wreck Center!  
For details, call 939-8660.

## Free Exercise Heart Rate Clinics

Hey Gym customers! Learn how to do your exercise heart rate from our professional staff.

When: 11:30 a.m. or 5:30 p.m.

Mondays and Wednesdays

Where: Sports & Fitness Complex

Cost: FREE for military and gym members.

To schedule an appointment, call 939-2841.

## Two Things You Need to Get in Shape... First-Read This Note!

The second thing is letting our certified personal trainers write and oversee an exercise prescription especially for you.

Where: Sports & Fitness Complex

Cost:

Military-\$13.00, DoD-\$19.00 and Community \$25.00.

Multiple sessions decrease hourly rate.

To make an appointment, call either Loy, Carla or Daryl at 939-2841.

## Throw Away Your Oars

Swimming skills are taught to all ages at different skill levels according to the American Red Cross guidelines.

Classes vary from water introduction to stroke refinement. Water safety is taught in each class level. Minimum of two required to run the class and a maximum of six. Two instructors provide training for a ratio of one to three students per instructor. Sign-up in advance at the Sports & Fitness Complex front counter to reserve your spot.

When: Mondays, Wednesdays & Fridays, 5:00-5:30 p.m.

February 3-21 Register by January 30

March 3-21 Register by February 27

April 7-25 Register by April 3

May 5-23 Register by May 1

Where: 3 week sessions in the Indoor Pool.

Cost:

Military-\$20.00, DoD-\$25.00 and Community-\$30.00.

For details, call 939-2334.

## Paint Your Oil Masterpiece in Just a Day!

Get ready for an all day oil painting workshop with our renown Don Banfield. This month's theme is *To the Summit*.

When: February 22, 9:00 a.m. to 4:30 p.m.

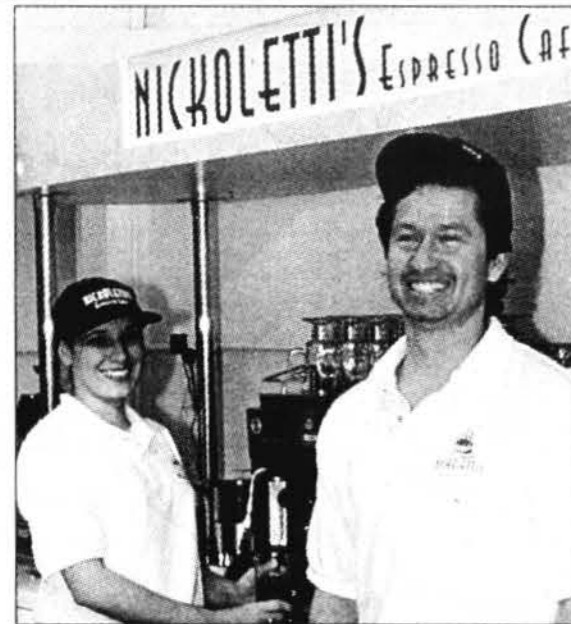
Where: Craftech

Cost: \$35.00 per person. Students are responsible for some tools.

**How to Make Your Spouse Happy!**

Send a balloon bouquet of 1 mylar, 12 latex, novelty balloon weight; all in a great Valentine's Day theme for only \$9.00. Come by Craftech and place your order by February 12 for a February 14 pickup.

**OPEN FOR BUSINESS**— Nick Young (right), co-owner with brother Dan Young of Nickoletti's Espresso Cafe, is shown with employee Kelly McCoy. The new restaurant, located at the corner of Blandly Avenue and Richmond Road, has a dining room in the rear of the restaurant that seats up to 50 people. Call 499-6425 for reservations. Featuring an espresso bar, sandwiches, salads, soups and bakery goods from the IVV Bakery, the new Nickoletti's is open for business Monday through Friday 6 a.m. to 7 p.m., Saturday 11 a.m. to 7 p.m. and Sunday 10 a.m. to 3 p.m.



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- 200MHz, 2.4GB HDD \$2,222

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**African Americans and Civil Rights: A reappraisal**  
**Black History Month Schedule of Events**

- Jan. 31 6 p.m. Second Annual Gospel Workshop, "Voices United In Praise," at Victory Baptist Church, 242 W. Panamint Ave. Point of contact is Deanna Ellsworth at 384-4416.
- Feb. 1 1 to 6 p.m. Kick-Off Celebration — An afternoon of food, socializing and merriment to celebrate Black History Month. Arts and crafts, fashions, beauty supplies and other items will be available for purchase from African-American entrepreneurs at the Heritage Inn. Sponsored by the Black Employment Program of NAWCWPS. Point of contact is Catherine Rogers at 939-8125.
- Feb. 12-13 9-11 a.m. Film Festival, "Tuskegee Airmen and Separate But Equal," at Room 205, NAWS Training Center.
- Feb. 14 7 p.m. Valentine Dinner at Carriage Inn. Sponsored by Victory Baptist Church. Call Mary Davis at 384-4416.
- Feb. 15 10 a.m. Church dedication sponsored by New Beginnings Baptist Fellowship, 1465 E. Bowman Road. Point of contact is Rev. A. Cleveland at 371-1121.
- Feb. 22 8 a.m. Positive Black Men's Breakfast, 1465 E. Bowman Road. Point of contact is Rev. A. Cleveland at 371-1127.
- Feb. 23 4 p.m. Black History Church Program, 242 W. Panamint Avenue. Point of contact is Rev. E. Benjamin Thomas at 384-4416.
- Feb. 28 Black History Play, "The Melting Pot." Time and place to be announced later. Call Wendy Murrain at 939-1570.

**Housing Says**

Another contract has begun, located mainly in Capehart A, with minor work in Capehart B. Your Housing Office will strive to communicate the most up-to-date information on the construction schedule. However, please watch for approaching work and individual notices placed at your home, indicating more precise operations and dates. We will try to minimize inconvenience, but we must all work together on this improvement project.

Capehart A can expect some periodic street closings, one lane traffic and parking restrictions while the contractor installs new gas and water distribution piping in the roadway and to your homes. We will strive to minimize driveway blocking. You can help expedite the work by cooperating with momentary parking restrictions. Roads will be open nights and weekends.

The main piping will extend along one side of each road in the housing area. The first step has been to grind up the pavement where trenches will be opened. Next, the contractor will open these trenches, install pipe and backfill. Repaving will follow. Any vehicles left over the trench line will be moved. Towing of vehicles to avoid contract delays can become expensive. After piping is placed in the roadways, gas and water service pipes will be connected

**More construction coming your way**

to each residence. At this time we will check for and repair, only once, any sprinkler damage to restore previous function.

This week Capehart A construction work is proceeding on the "Leyte Meter Vaults" off the west side of Leyte Road, south of Nimitz, and the "Barefoot Bar Meter Vaults," which are near the Tot-Lot at the Community Pool parking lot. Capehart B work will focus along Rowe Street, east of Knox Road, to a crossing at the east end of the housing area. Vehicle signage will be installed on the pathways during January.

As always, a reminder that construction of any kind is a magnet for children. Please remind your younger folks to view from a safe distance.

If you have questions please call David Orland at 939-0006.

**Tree limbs**

Due to the high winds we have had recently, there are tree limbs and debris scattered throughout the housing areas. Tree limbs must be bundled in three-foot lengths and placed on the curb for garbage pick-up on regular garbage pick-up days. Large tree limbs more than three inches in diameter will be picked up by calling the Trouble Desk at 375-9522 or the Housing Office at 939-4450.

**Reserve unit looking for ADs/AMs**

Naval Reserve Unit Naval Air Weapons Station 0176 is looking for ADs and AMs to join the local unit at China Lake.

NAWS 0176 performs aircraft maintenance and professional training one weekend a month and two weeks a year at China Lake. Unit personnel work side-by-side with their active duty counterparts repairing Naval Weapons Test Squadron aircraft, enabling the test squadron to meet its mission goals.

Currently the reserve unit needs additional personnel in the Aviation Mechanist Mate (AD) and Aviation Structural Mechanics (AM) rating. Civilian personnel with military aircraft maintenance experience and veteran military personnel may call the Naval Reserve Recruiter at 446-4217.

Reserve personnel earn a monthly paycheck, have use of the base facilities and may qualify for educational benefits. Selected reserve personnel currently drilling with another unit, but who would like to affiliate with the local unit are asked to call NR NAWS 0176 quarterdeck and leave a message at 939-5321.

**Recognition**

At the Jan. 5 quarters for Naval Reserve NAWS Support Unit 0176, AE1 Paul E. Miller was selected as unit Sailor of the Year for 1996. "While assigned to the Maintenance Control

workcenter, your expertise in managing and directing the reserve maintenance effort has resulted in a 12 percent increase in NWTs readiness," said CO Capt. Barry Douglas.

AC2 Sandra M. Szynda was selected as unit Sailor of the Quarter for the Fourth Quarter 1996.



AE1 Paul E. Miller



AC2 Sandra M. Szynda

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# Krakowiak, Herrington and Manson receive Navy's third highest award

Three China Lakers recently received the Navy Meritorious Civilian Service Award (NMCSA), the third highest Navy honorary award. It recognizes meritorious civilian service or contributions that have resulted in high value or benefits to the Navy.

### Anthony Krakowiak

While in Washington, D. C. on travel last October, Anthony Krakowiak, F/A-18 field support program coordinator, attended an F/A-18 all-hands meeting during which he became the recipient of an NMCSA. It was presented by NAVAIR Commander VAdm. John A. Lockard.

RAAdm. J. A. Cook, program executive officer, Tactical Aircraft Programs, nominated Krakowiak for the award for the work he performed for the NAVAIR Program Executive Office.

Said Cook, "The field activities involved in providing the complete spectrum of F/A-18 life cycle maintenance and support are numerous and require extensive interface with headquarters and field personnel to ensure all funding requirements are correctly identified and all appropriated funds are properly administered. As field support program coordinator, you have been a critical member of the team by demonstrating sound business judgement in compiling, tracking and reporting field activity

requirements and funding."

"I was pleased, pleasantly surprised," said Krakowiak. "Actually, I was completely taken off guard." He manages a \$230 million budget, people and tasking for 16 field activities.

Krakowiak helped design and implement the program office's new financial management information system. According to his nomination letter, this system provides senior managers and product team leaders a greater insight into program requirements, better visibility concerning status of allocated funds and more detailed financial information needed for making sound business decisions.

"Greater understanding of total product costs is obtained and better accountability of program funds is maintained,"



Anthony Krakowiak

said Cook about the system.

### Lois R. Herrington

Lois Herrington began her career at the then Naval Weapons Center as a GS-4 clerk-typist in the Supply Department in January 1968. At a recent site meeting Herrington, now head of the Small Business Program Office, was presented with the NMCSA by Capt. Doug Henry, NAWCWPNS vice commander.

"Your guidance and foresight have resulted in our small business program being widely recognized as one of the best in Navy field contracting," said Henry.

From the clerk-typist position, Herrington was promoted to purchasing agent, then contract negotiator and finally procurement analyst in February 1981. Along the way she was assigned the collateral duty of small business specialist.



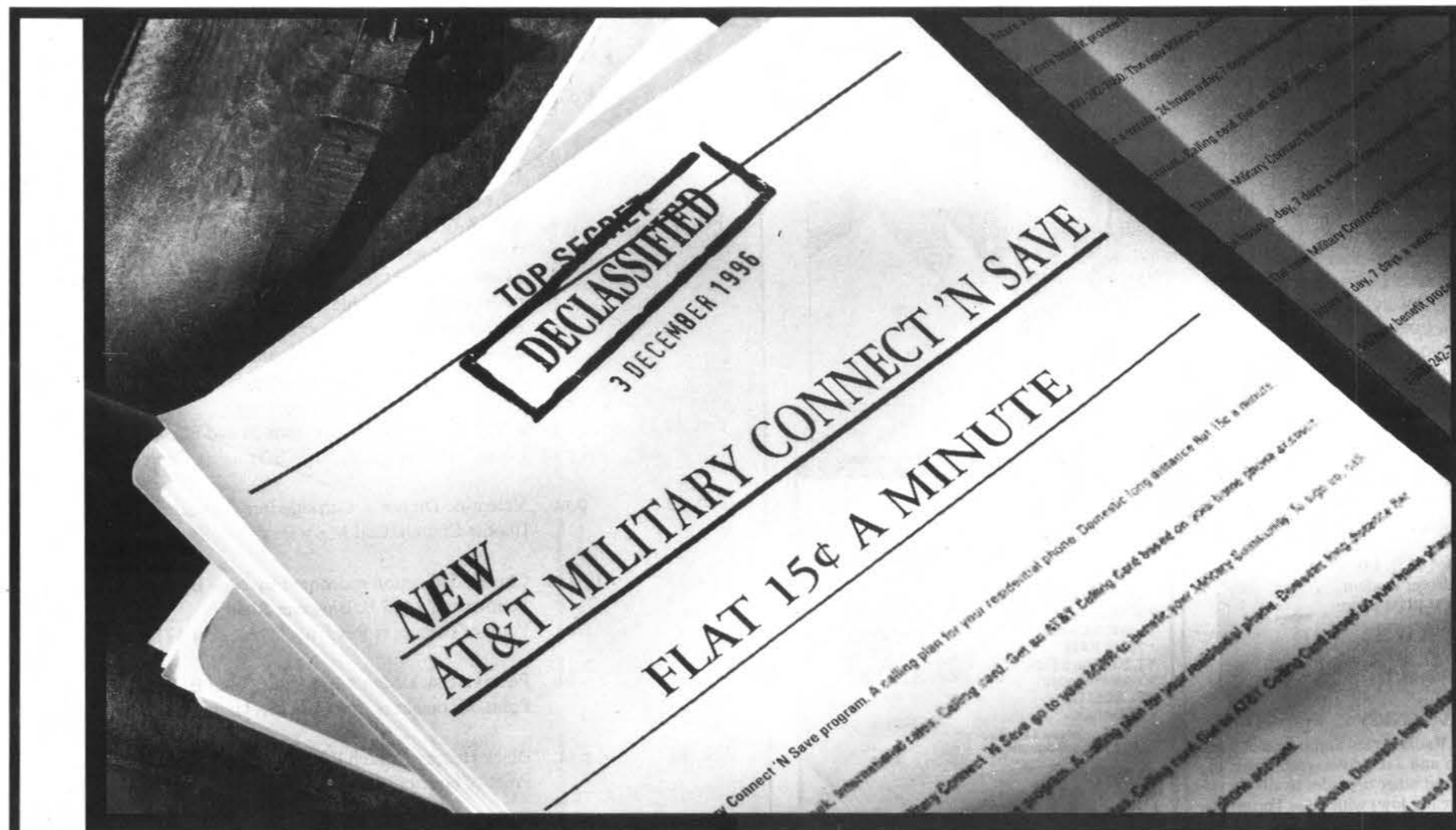
Lois Herrington

This was at a time when the Center had only \$100K of contracting authority. Herrington became the command's full-time deputy for small business, and now the command has unlimited contracting authority.

According to her nomination letter, Herrington has developed and managed the command's small business program through the education of contract specialists and technical personnel; by bringing new initiatives to the Station; by developing an effective outreach program; and "most of all, by never losing sight of the mission of the command."

"In this latter area," said Jeff Meriam, associate director for contracts, "her expertise ensured that the suggested small business can perform the work, the contractual actions set-aside for small businesses are suitable to be set-aside, and the set-aside will result in successful mission accomplishment."

Highlights for the small business program have included the first NWC small business set-aside and first contract award in excess of \$1 million awarded to Hi-shear for Walleye fuses for \$2.4 million in 1981. In 1982, the Small Business Innovation Research Program began with a few awards in the \$50,000 bracket to a peak of \$9.9 million by 1990 and leveling off to an average of \$3-5 million. In 1984 the largest DoD contract for high technology was awarded to a minority



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Monday - Thursday 7:30 a.m. - 9 p.m. Friday 7:30 a.m. - 4:30 p.m.

See the Spring 1997 Class Schedule for additional Short-Term Classes 384-6100

# New product in Navy ships has China Lake origin

By Steve Boster  
Public Affairs Officer

Virtually every ship in the U.S. Navy today carries and uses a product invented by researchers at the NAWCWPNS China Lake site. The product isn't very big and it isn't very expensive, but it saves millions of dollars a year. In the years ahead, use of this product may spread to cruise ships, freighters and other navies. After winning a major Navy award, the inventors are \$5,000 richer for their ingenuity.

Geoffrey Lindsay and Mike Hasting of the Research and Technology Division at China Lake and Mike Gustavason, with the Naval Sea Systems Command, have patented "extended-release plaque preventing and dissolving compositions." In layman's terms, this invention is a citric acid tablet used in urinals aboard ships that prevents the formation of calcium buildup in the ship's sewage systems. Since the cure for pipes clogged by calcium deposits is expensive and time-consuming hydroblasting, the new tablets save the Navy at least

\$4 million a year.

Recently the trio of inventors were honored by winning the first Vice Admiral Harold G. Bowen Award for Patented Inventions. The award, named for the first chief of naval research, is given for patented inventions that have had a significant impact on the operation of the Navy.

In 1988, the Navy Science and Assistance Program (NSAP) manager became aware of the need to reduce the costs and labor associated with cleaning the pipes and urinals, and preventing the calcium deposits from forming in the first place. With China Lake scientists working in the forefront of the effort, the research led to development of a polymer-bound, water-soluble citric acid tablet that is placed in the urinal and slowly releases citric acid with each use.

Most aircraft carriers used adopted the new technology by 1990 because they have 200 or more urinals per ship. By 1994 the use of citric acid tablets had spread to the entire Navy except for submarines.

The tablets are nontoxic, biodegradable and safe to handle. Each tablet is good for

about 300 flushes and, in actual use, have proven more effective than originally expected. Not only did the tablets prevent the buildup, but their use softened the calcium deposits enough to be removed by flushing with a fire main, not the expensive hydroblasting. In fact, aboard the *USS Independence*, urinals that had been plugged were back in service about an hour after a citric acid tablet was placed in the standing water.

Until the tablets were developed, the standard method of slowing, but not preventing the calcium buildup had been to put sulfamic acid powder in perforated plastic bags that were then placed in plastic dispensers for each urinal.

In addition to not being very effective, since aircraft carriers needed hydroblasting of the pipes every 12 to 18 months at a cost of \$150,000 each time, it was difficult to tell when the acid powder was depleted.

Finally, the invention is a morale booster. No longer do sailors have the onerous task of removing urine soaked bags for disposal and, the incidence of clogged urinals on Navy ships has dropped more than

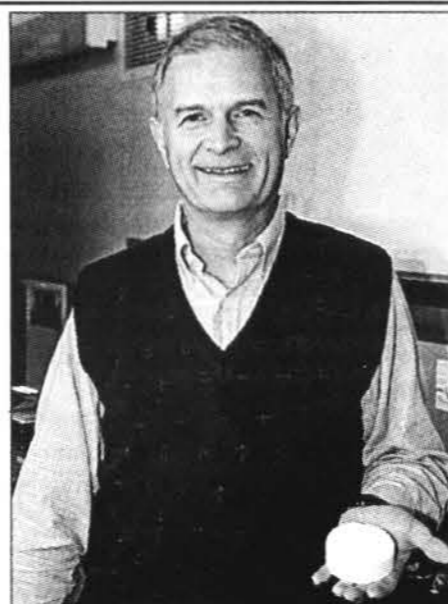


Photo by Kathi Ramont

**AWARD WINNER**—Geoffrey Lindsay is one of a trio who received the first Bowen Award for their invention of the citric acid urinal tablet.

90 percent since the citric acid tablets became standard equipment.

This year the Navy will use more than a million tablets, and a lot of Sailors will enjoy an improved quality of life aboard ship.

## Voluntary Separation Incentive Pay and Voluntary Early Retirement Authority being examined

Another opportunity for Voluntary Separation Incentive Pay (VSIP) and Voluntary Early Retirement Authority (VERA) is here. The first step is to determine which employees want to take an VSIP/VERA. Then studies will determine which series and grades can be authorized VSIP/VERA.

Deadline for the application form is Friday, Jan. 31. All separations will be effective no later than May 3. If you want to take a VSIP during FY97, please complete and return the form to your PMA team at Code 731000D or Code 731000E.

If you are interested, but the command cannot afford to

reduce the number of employees in your occupation and grade level, your name will be placed in the new Expanded VSIP Program. If an employee from another activity is identified to take your place, you will be allowed to separate with a VSIP. Dates for these VSIP/VERA separations will be determined on a case-by-case basis.

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owned small business. The award went to CTA for WSSA support for \$95.6 million. In 1990 the secretary of the Navy presented the Navy Small and Disadvantaged Business Utilization Omnibus Award to China Lake. This award was in recognition for the overall success of program and goal attainment, quality of program and outreach efforts.

Herrington has been involved in Congressionally-sponsored, DoD, state and local business conferences including the annual High Desert Vendor's Day and the Navy Gold Coast Procurement Conferences.

**Blaine Manson**

Blaine Manson was nominated for the NMCMA based upon his significant contributions to the overall Navy mission with particular emphasis on the contracting function during his 24-year career, said Jeff Meriam, associate director for contracts, in Manson's nomination letter.

Manson served in the Navy from 1963 to 1972. He served as a fuel supply officer in the Viet Nam conflict and was a charter member of the Defense Contract Audit Agency. Lt. Manson left the Navy and became a civilian contract specialist in the Supply Department at NWC in July 1972. Since then he has supported Sidewinder, Sparrow, AGILE, Low Cost Seeker, the new Range Control Center, Walleye, DSU-28/B Fuze, Air-to-Surface Supersonic Tactical Conventional Missile Program and many



Blaine Manson

other programs.

"Manson brought a unique depth of knowledge to this position," said Meriam. "His Navy career afforded him the fleet perspective of the user, his degree and experience in accounting and economics added the strengths of the auditor and business analyst."

Capt. Henry added that Manson's familiarity with the full spectrum of aerospace efforts such as research, weapons development, production and engineering services allows him to "speak the speak" with the technical community including support contractors.

Manson received the Michelson Lab Award in April 1994. He also has been a member of three Special Act Team Awards for WSSA support, ADP contract and procurement improvement.

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### 1997 Rocketeer deadline schedule

Deadline	Publication
January 2	January 9
January 15	January 23
January 29	February 6
February 12	February 20
February 26	March 6
March 12	March 20
March 26	April 3
April 9	April 17
April 23	May 1
May 7	May 15
May 21	May 29
June 4	June 12
June 18	June 26
July 2	July 10
July 16	July 24
July 30	August 7
August 13	August 21
August 27	September 4
September 10	September 18
September 24	October 2
October 8	October 16
October 22	October 30
November 5	November 13
November 19	November 26
December 3	December 11

The Rocketeer is not published the week of Christmas.



TMC & SEC GRADS—China Lake graduates of two training and development programs were recognized in graduation ceremonies on Dec. 9. Above, Sterling Haaland, NAWCWPNS executive director (above left), joined Technical Managers Certificate Program graduates Don C. Castleberry, Catherine M. Rivera, Daniel R. McGauley, Steven A. Sievert and Kenneth L. Morton. Robert O. Hoffman and Martin O. Montemayor were unavailable for the photo. Below, Systems Engineering Certificate Program graduates included (back row, l-r) Julie Meeks Zerbins, Ba L. Duong, Gregory L. Bell, Michael W. Benton and Larry F. deFluiter and (front row) Youngja P. Lee, Dennis W. Linck, Thomas A. Pearl and Paul A. Barney. David W. Jackson was unavailable for the photo. Any questions pertaining to the programs should be addressed to Ronald Rogers at (805) 989-3997 or DSN 351-3997.



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### Earn training credit and learn emergency preparedness

Being safe is not a goal that we can forget once it is attained. To be safe, whether at work or at home, we have to think safe and act safe as a part of everything we do.

Many of us have to be reminded from time to time to make safety a priority. Should an emergency arise, being prepared, is part of that safety priority.

Every day we all wake up, go to work, take the kids to school, etc., and go through our daily routines. But every so often, the unexpected can happen — an earthquake, a fire, a chemical spill or some other emergency. When routines are changed dramatically because of an emergency, we often become quickly aware of how fragile our lives can be.

People who are prepared can reduce the fear, inconvenience and losses. People who are prepared are ready to evacuate workplaces or homes, make any stay in temporary shelters more comfortable and know how to take care of their basic medical needs. People who are prepared can even save each others' lives.

In an effort to increase education and awareness about disaster preparedness, the Safety and Physical Security Department (Code 840000D) in cooperation with the facility coordinator for Michelson and Lauritsen laboratories will be providing several training opportunities at China Lake.

The purpose of this training is primarily to act as a "mini-safety-standdown" focusing on emergency preparedness for personnel working in Michelson and Lauritsen laboratories at China Lake, but classes are open to all personnel at the Station.

The training will be held on Feb. 10 and 11. Classes will be presented at Michelson Laboratory, Room 1000D, at 9 a.m. and again at 1 p.m. each of these two days. Each class will last approximately two hours.

Each of the four presentations will be identical, so select one that works with your schedule and plan on attending. There is no pre-registration required for these classes. Two hours of training credit will be given. You will need an "M" designator on your badge to access Michelson Laboratory.

Presentations will be made by personnel of the China Lake Fire Division and Safety Office. The class will basically be an abbreviated training following the nationally recognized Neighborhood Emergency Response Team (NERT) program outline.

Topic areas to be discussed include: disaster preparedness, emergency supplies and supply kits, utility controls and shut-off requirements in an emergency, simple fire fighting techniques, disaster medicine (first aid and CPR overview),

hazardous materials, light search techniques, evacuation, safety considerations and other topics.

The focus of all of these topics will be preparedness and implementation of the emergency response plan at Michelson and Lauritsen laboratories. The discussions, lectures and hands-on training

opportunities provide valuable information about emergency preparedness.

Are you prepared in the event of an emergency either at home or at work? If a disaster should strike, local officials may be overwhelmed and emergency response personnel may not be able to reach you right away.

This is a very valuable training opportunity you can't afford to miss. Mark your calendar and bring a friend.

For additional information about the training, contact Dena Christison at 939-0729, Glen Chambers at 939-2146 or Barbara Gallagher at 939-1213.

### Still looking for a job out of the area?

The Defense Outplacement Referral System (DORS) has returned to its former home, the Priority Placement Office, Room 107 in the Human Resources Department building on Blandly Avenue.

For those who would like to register, please contact program coordinator Monica Hewston at 939-1156 or Jean Simoneau at 939-1159.



Lockheed Martin Technical Operations (LMTO) designs systems that control satellites, trains the space shuttle crews, and creates software involved in space-ground data processing. The universe really is your playground with Lockheed Martin Technical Operations.

We develop innovative and cutting-edge technology involving C/C++, GUI and JAVA network design. In an environment that's very down to earth. We offer a highly creative, entrepreneurial setting enhanced by the vast resources and financial support of an industry powerhouse, Lockheed Martin.

We give you a chance to get involved with some of the most futuristic technology this world has ever seen. Apply now! Opportunities like these don't fly by everyday.

Opportunities exist in Sunnyvale, CA; Denver and Colorado Springs, CO for the following positions:

- SOFTWARE ENGINEERS
- SATELLITE SYSTEMS ENGINEERS
- SCIENTIFIC PROGRAMMERS/ANALYSTS
- SYSTEMS PLANNING ENGINEERS

These positions are available at all levels and require a BS/BA in engineering, mathematics, physics, related fields or equivalent.

- SECURE DATA COMMUNICATION TECHNICIANS
- SATELLITE OPERATIONS CONTROLLERS

These positions are available at all levels and require an AS/AA in engineering technology, computer operations, related fields or equivalent.

To apply, please send your resume INDICATING POSITION AND AREA OF INTEREST to: Attn Employment Dept. nmbn1296, Lockheed Martin Technical Operations, P.O. Box 61687, Sunnyvale, CA 94088-1687. Fax: (800) 457-1049. Email: employment@ltoe.lockheed.com.

Applicants selected will be subject to a security investigation and must meet eligibility requirements for access to classified information. Lockheed Martin is an Equal Opportunity Employer.

See the Lockheed Martin Home Page on the World Wide Web at: http://www.lmco.com/





excavators, road rollers, soil compactors, air compressors, concrete mixers, firefighting crash trucks, and other similar equipment. Must have previously worked at a journeyman mechanic level, and possess a practical knowledge of vehicle maintenance to completely understand the various systems of which vehicle, light and heavy trucks, trailers and all construction equipment, firefighting equipment and material equipment are composed of. Must be capable of inspecting and passing professional judgment on work performed by others. Possess a working knowledge of mathematics, be able to read and understand blueprints, specifications, rough sketches and work layout. Must have knowledge of which parts and materials to use, and their proper application. Must know the use of the hand tools, set up and use of power tools safe and satisfactory manner. **Screen out element:** Ability to inspect.

**No. 830-088JS7, (1) Crane Operator Supervisor, WS-5725-11, Shore Station Management, Commanding Officer, Public Works Department, Transportation Division/Engineering Equipment/Rigging Shop (Code 839200E)—Area of Consideration:** NAWCWPNs. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Oliver Holder, 989-8200. **HRD Contact:** Julie Simental, 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent must plan sequence of operations and work steps for group supervised. Interprets blueprint accompanying job orders, and as required, prepares layout, patterns, and sketches. Must have a working knowledge of all types of construction equipment and tools of the rigging trade, lifting equipment, and trucks of all types that are normally used on construction and rigging. Assigns work to subordinates, either by oral or written instructions. Trains subordinates in work methods and procedures, proper use of tools and equipment, safe practices, operation of new equipment, safety regulations, and other regulations and policies established by Federal government, department, bureau, or installation. Participates in a wide field of personnel matters concerning subordinates, including performance rating, leave requests, disciplinary and commendatory action, promotions, demotions, transfers, separations, grievances, and beneficial suggestions. Acts for supervisor, or for supervisors of other groups, when required. Performs such additional supervisory duties as may be administratively assigned to by high levels of supervision. Responsible for Equal Employment Opportunity policies and communication of those policies to subordinates personnel. **Screen-Out Element:** Ability to supervise.

**No. 830-089JS7, (1) Boiler Plant Equipment Mechanic, WG-5309-8/10, Shore Station Management, Commanding Officer, Public Works Department, Maintenance Division/HVAC, Asbestos Shop (Code 837220E)—Area of Consideration:** NAWCWPNs. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Rudy Alcantar, 989-7081. **HRD Contact:** Julie Simental, 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent must install, service, and repair oil- and gas-fired heating equipment, oil feed pumps, electric and pneumatic heating equipment, air ducts, piping, air ducts, motors, and blower fans. Tests and adjusts oil or gas pressure, craft mechanisms, safety cut-offs, relief valves, automatic regulating controls, gas regulators, and thermostats. Must be able to perform duties as assigned by supervisor. Will be required to work alone at times from drawings, brief sketches, or verbal instructions. Assumes

responsibilities of material, equipment, tools, or test equipment that may be associated with and protects them from loss or damage. **Screen-Out Element:** Ability to do the work of the position without more than normal supervision.

**No. 830-090JS7, (1) Boiler Plant Equipment Mechanic, WG-5309-8/10, Shore Station Management, Commanding Officer, Public Works Department, Maintenance Division/SNI Maintenance Shop, San Nicolas Island (Code 8371F0E)—Area of Consideration:** NAWCWPNs. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Rudy Alcantar, 989-7081. **HRD Contact:** Julie Simental, 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent must install, service, and repair oil- and gas-fired heating equipment, oil feed pumps, electric and pneumatic heating controls, such as protecto relays, wall thermostats, modulating-type control motors, gas valves and water regulators, and circulation pumps. Installs and/or aligns, adjusts, and repairs oil and gas burner assemblies and related equipment, fuel tanks, piping, air ducts, motors, and blower fans. Tests and adjusts oil or gas pressure, craft mechanisms, safety cut-offs, relief valves, automatic regulating controls, gas regulators, and thermostats. Must be able to perform duties as assigned by supervisor. Will be required to work alone at times from drawings, brief sketches, or verbal instructions. Assumes responsibilities of material, equipment, tools, or test equipment that may be associated with and protects from loss or damage. **Screen-Out Element:** Ability to do the work of the position without more than normal supervision.

#### NAWCWPNS/DOD WIDE

**No. 82-069-SP7, Supervisory Firefighter, DG-081-4, Fire Station Captain, Fire Division, Safety and Physical Security Department, Code 842100D—Area of Consideration:** NAWCWPNs/DOD wide. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Wil Simoneau, (619) 939-2146. **HRD Contact:** Sharon Page, (619) 939-8105. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Supervises a large crew of firefighters, makes decisions under emergency conditions, and develops and provides training. **Quality-Ranking Factors (QRFs):** (1) **Technical QRF:** Knowledge of all phases of structural and aircraft firefighting including maintaining firefighting apparatus and equipment. (2) **Supervisory QRF:** Ability to perform as first-line supervisor including ability to apply affirmative action principles, willingness to implement EEO practices, ability to motivate and influence others, and ability to communicate orally and in writing. Position is at the full performance level. **Note:** Previous applicants need not reapply. **Notes 2 and 3 apply.**

#### NATIONWIDE/CURRENT DOD EMPLOYEES

**No. 75-001-RS-97, (1) Supervisory Public Affairs Specialist, DP-1035-03, Public Affairs Office (Code 750000E)—Area of Consideration:** Current DOD employees. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Milt Burford. **HRD Contact:** Rosalie Sommer, DSN 351-3231. **Permanent Change of Duty Station Authorized:** Negotiable. **Summary of Duties:** Incumbent conducts and supervises the NAWCWPNs overall public affairs program, consisting of public information, internal information, community relations, and government affairs. Provides counsel to the Commander and senior staff members on all matters related to

#### DETAIL FOR DEVELOPMENTAL OPPORTUNITY

**Executive Assistant to the DRMB, Division Resource Management Board Executive Assistant for Strategic Planning and Execution. Interdisciplinary DP-4. Area of Consideration:** NAWCWPNs, Point Mugu or China Lake sites; current DP-4s only. **Opening Date:** 1-9-97. **Closing Date:** 2-6-97. **Selecting Official:** Sterling Haaland. **Permanent Change of Duty Station Authorized:** No.

The Division Resource Management Board (DRMB) is responsible for the development, execution, tracking, and sustaining of strategic and tactical business planning, and for the allocation of NAWCWPNs resources in consonance with this planning and higher directives. This announcement identifies a 2-year developmental rotational assignment to be located at Point Mugu or China Lake. This position is to be filled on a detail basis as the Executive Assistant for Strategic Planning and Execution. Interviews and selection for this assignment will occur in February 1997.

**Duties and Responsibilities:** The incumbent will work in conjunction with the Executive Director and DRMB and is responsible for the operational aspects of implementing and executing NAWCWPNs strategic and tactical plans at the command and DRMB level. Specific duties include:

- Function as focal point for all DRMB strategic planning and execution.
- Track and analyze all strategic goals, objectives, and metrics.
- Coordinate and track all Command strategic thrusts.
- Conduct/coordinate market research.
- Assist thrust leaders in business development and cross competency integration.
- Provide sustaining focus, and periodic review and adjustment of strategic/tactical plans.
- Develop and execute the DRMB strategic communications plan.

#### Factors considered for candidate selection include the following:

1. Ability to deal effectively with high-ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy, and sound judgment.
2. Familiarity with the Naval Systems Commands, OPNAV, and other Navy and DOD laboratory and operational requirements communities.
3. Ability to organize, manage, and lead personnel across broad and diverse organizational boundaries.
4. Business and systems analytical skills.
5. Resourcefulness in researching new areas and identifying business opportunities.
6. Skill in strategic and/or tactical long range planning and execution.
7. Demonstrated potential for future advancement.

The selectee for this rotational detail will continue to encumber his/her current position for the duration of the assignment. Apply by submitting a data package including a summary of qualifications or resume, plus a concise data sheet describing skills and accomplishments related to the factors noted to Code 731000D (Gail Bigelow, Bldg. 2335, Room 114, (619) 939-8113) or Code 731000E (Ed Vicuna, Bldg. 211, (805) 989-3310) by COB 7 February. **Note:** Closing date extended from 23 January 97 to 6 February 97.

public affairs. Responds to news media as the official command spokesperson and clears and releases scientific and technical information to the public. **Quality-Ranking Factors:** (1) Ability to communicate orally and in writing. (2) Ability to effectively interact with personnel both internal and external to the Command. (3) Knowledge of the NAVAIR mission as it relates to the Weapons Division. (4) Skill in leading employees within the PAO components.

#### REASSIGNMENT COLUMN

**No. 52-004-DWE97, Interdisciplinary (Electronics/Computer Engineer/Computer Scientist/Physicist/Mathematician), DP-855/854/1310/1520/1550-3, Pacific Ranges and Facilities Department, Data Processing and Displays Division, Electronic Combat Range Data Products Branch, Code 525700D—Area of Consideration:** NAWCWPNs. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Permanent Change of Duty Station Authorized:** No. **Selecting Official:** Nancy Burton, (619) 939-0453 **HRD Contact:** Diana Eggleton, (619) 939-8111. **Summary of Duties:** The EC Range Data Products Branch is responsible for development, maintenance, and improvement of post-test and real-time data analysis and reduction systems and weapons models/simulations systems. The incumbent will be the lead project engineer for a new post-test

upgrade system. The incumbent will be responsible for project planning and coordination including schedules, budgets, staffing/tasking, requirements, risk management, and conducting project reviews. The incumbent will lead a team of professionals and provide systems engineering support for all phases of a system development effort. The incumbent will work with both contractor and government personnel within and outside of NAWC who are familiar with range data-processing applications. The incumbent will also be responsible for engineering analysis associated with data product requirements and range system data accuracy. Other duties include: prior experience with FORTRAN, C, C++, and Ada languages and Windows NT, UNIX and Silicon Graphics systems environments; experience in team/project leadership and project planning and tracking; experience in requirements definition, systems analysis/design, and software applications development; ability to communicate orally and in writing. Ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Resource Development, and Engineering Career Field within 18 months of entering this position. This position requires a Top Secret clearance. **Note:** Each interested applicant should submit an updated application (e.g., resume, OF-612, SF-171, etc.) to Nancy Burton, Code 525700D, and also call her at 939-0453 to inform her that the application has been sent. **Note 3 applies.**



## NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS



### ALL NAWCWPNs SITES GENERAL ANNOUNCEMENTS

TSP RATES OF RETURN			
TSP rates of return were			
	C Fund %	F Fund %	G Fund
December 1996	(1.97)	(0.93)	0.53
Last 12 months:	22.85	3.66	6.76
1991	30.77	15.75	8.15
1992	7.70	7.20	7.23
1993	10.13	9.52	6.14
1994	1.33	(-2.96)	7.22
1995	37.41	18.31	7.03

Percentages in parentheses are negative.

**OPEN SEASON:** TSP Open Season will close 31 January. TSP Open Season is your chance to start or change contributions to your TSP account. You can also change the way your future payroll contributions are invested in the three TSP funds.

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

#### BULK SOFTWARE PURCHASES PLANNED

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

Although use of these contracts is not mandatory, we strongly recommend that you use them to save NAWCWPNs money. In most cases, you will get (and help others get) bulk pricing and better maintenance than

#### UNIVERSITY OF TENNESSEE MASTERS DEGREE PROGRAM

There is still time to register for the spring term at the University of Tennessee Space Institute (UTSI) master of science (MS) degree program in aviation systems. This flexible videotaped program allows for the erratic schedules that often accompany the workforce, especially at China Lake and Point Mugu.

If you are interested in a degree with emphasis in research and development or administration specialization in Aviation, this program is for you. Graduates of Test Pilot School (TPS) receive 9 to 15 hours of credit enabling them to complete their degree sooner.

**Note:** If you are located at Point Mugu, all video tapes and exams are available to you there. You do not need to travel to China Lake to enroll in or participate in this program.

For more information, contact the area representative at (619) 927-8874 or (619) 499-9101. You may also stop by our office at the Family Service Center, Suite C, on Tuesday and Wednesday from 1030 to 1330.

available via standard retail bankcard buys. These contracts also avoid the costs of placing and processing bankcard purchases.

1. Web browser with maintenance
2. Microsoft Office 4.2 with maintenance \*\*\*
3. MS Windows and Windows NT operating systems with maintenance
4. Macintosh operating system with maintenance
5. Macintosh hard disk utilities

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

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

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

### CHINA LAKE

1000D, at 0900 and again at 1300 each of these two days. Each class will last approximately 2 hours. Each of the four presentations will be identical, so select one that works with your schedule. Topic areas that will be discussed include disaster preparedness, emergency supplies and supply kits, utility controls and shut-off requirements in an emergency, simple fire-fighting techniques (fire-extinguisher types and operation), disaster medicine (first-aid and CPR quick overview), hazardous materials, light search techniques, evacuation, safety considerations, and other issues regarding emergency preparedness. Being safe is not a goal we can forget once attained.

For additional information about the training, contact Dena Christison at 939-0729, Glen Chambers at 939-2146, or Barbara Gallagher at 939-1213.

#### 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.

#### NETSCAPE NAVIGATOR 3.0 SOFTWARE LICENSE WITH MAINTENANCE AVAILABLE TO ALL NAWCWPNs SITES

The Acquisition Support Branch (Code 721200D/E) has procured new copies of Netscape Navigator Version 3.0 software licenses with 1 year of major and minor upgrades along with 1 year of technical support. Code 721200D/E has a total of 560 Netscape Navigator licenses available. The total cost for each license is \$35. If you are interested in obtaining a Netscape Navigator 3.0 license, send a QuickMail message to Sharon Biesadecki (CL ADMIN zone, IMD1\_MC mailcenter) or call her at 939-3165 (DSN 437-3165). Provide your name, code, phone number, and a job order number.

The Acquisition Support Branch (Code 721200D/E) is also taking a survey to determine how many individuals who own any version of Netscape Navigator (i.e., 1.1, 2.0, or 3.0) would be interested in obtaining maintenance. If you are interested in obtaining maintenance for your Netscape Navigator send a QuickMail message to Sharon Biesadecki (CL ADMIN zone, IMD1\_MC mailcenter) or call her at 939-3165 (DSN 437-3165). Provide your name, code, and phone number by 14 February.

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

Embry-Riddle Aeronautical University (ERAU) offers programs leading to a master's degree in aeronautical science with a management specialization or a bachelor's or associate's degree in professional aeronautics. Classes are held on evenings and weekends at the China Lake Training Center and are open to everyone. ERAU offers generous transfer credit to military and former military members for work experience and military training.

The next of our five yearly terms begins the week of 17 March.

**Undergraduate level:**  
Organizational Behavior  
Aviation Regulation

**Graduate level:**  
Aviation Law and Insurance

A representative is available on Mondays, Tuesdays, and Wednesdays from 0900 to 1630 for registration and counseling at the Family Service Center, Office B. For more information, call 927-3649 or email: [China\\_Lake\\_Center@cts.db.erau.edu](mailto:China_Lake_Center@cts.db.erau.edu)

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).

## RETIREMENTS AND FAREWELLS

### DONALD C. IWAMURA

Donald C. Iwamura retired after 39 years of federal service, 2 of which were military. A retirement luncheon will be held in his honor at Santa Fe Grill on **23 January** at 1100. A buffet will be available for \$8.40 per person, including tax. For reservations or presentations, contact the AV-8B Program Office at 939-5551 or 939-5578.

### GARY THOMPSON

Gary Thompson, Pacific Ranges and Facilities Department (Code 525400D), has retired. A retirement luncheon will be held in his honor at Texas Cattle Company on **27 January** at 1115. For reservations, presentations, and gift donations, contact Cathy Riggs at 939-6045/6925 by **23 January**.

### RICHARD E. FRYER

Richard E. Fryer has retired after 31 years of federal service. A retirement luncheon will be held in his honor at Santa Fe Grill on **30 January** at 1100. A buffet will be available for \$8.40 per person, including tax. For reservations or presentations, contact the AV-8B Program Office at 939-5551 or 939-5578.

### DAVE SEIBEL

Dave Seibel is retiring after 30 years of federal service. A farewell luncheon will be held in his honor at Santa Fe Grill on **30 January** at 1130. For further information, contact Diane at 939-1445/1524.

### PAUL AND JEAN AMUNDSON

Paul Amundson, Code 471420D, is retiring after 34 years of federal service and Jean Amundson, Code

529220D, is retiring after 24 years of federal service. A joint retirement party will be held in their honor at the Carriage Inn on Friday, **31 January** at 1800. Heavy hors d'oeuvres will be provided and a no-host bar will be available for \$9. To purchase tickets, make presentations, or gift contributions, contact Ruth Malik (Range Headquarters) at 939-6035 or Claudent Meyers (Sim Lab) at 927-1077. Checks may be made out to the Carriage Inn. RSVP by **28 January**.

### JOHN DOLLMAN

John Dollman, Facility Management Specialist, Pacific Ranges and Facilities Department (Code 529220D), is retiring after 28 years of federal service. A retirement luncheon will be held in his honor at The Great Wall (next to Ridgecrest Cinemas) on **3 February** at 1115. A Chinese buffet will be available. For reservations, presentations, and gift donations, contact Ruth Malik at 939-6035. **Note:** Location has been changed.

### GEORGE "OTIS" MAYER

George "Otis" Mayer is moving to Eglin AFB, Florida. A farewell dinner will be held in his honor at the Homestead on **4 February** at 1800. For dinner reservations and presentations, contact Annette at 939-1187 by **31 January**.

### FRED ZARLINGO

Fred Zarlingo, propulsion guru, has retired after more than 36 years of civil service. A farewell party will be held in his honor at the Carriage Inn on **6 February**. Hors d'oeuvres and a no-host bar will be available for \$10 per person. For reservations or presentations, call Barbara at 939-7206. RSVP by **3 February**.

### HAROLD CUMMINS

Harold Cummins, Code 543B00D, is retiring after 30 years of federal service at China Lake. A retirement party will be held in his honor at the China Lake Wreck Center on **6 February** at 1800. Heavy hors d'oeuvres will be served, along with a no-host bar. Presentations will be from 1930 to 2100. Tickets are \$10 per person. For presentations or to purchase tickets, call Lynn Becker at 939-6010 or Linda Salser at 939-6012. RSVP by **23 January**.

### ALAN VOKOLEK

Alan Vokolek, Code 42C000D, is retiring after 17 years of service. A retirement dinner will be held in his honor at the Carriage Inn on **15 February**. Social hour will begin at 1800, followed by a Polynesian buffet at 1900. The cost is \$16.50 per person. For reservations, presentations, or gift donations, contact Marty Zielke at 939-3303 by **12 February**.

### SANDI DERR

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

## POINT MUGU GENERAL ANNOUNCEMENTS

### NEW CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

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

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

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

### LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

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

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

## HUMAN RESOURCES DEPARTMENT INFORMATION

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

## LABOR/EMPLOYEE RELATIONS TEAM NEWS

### LEAVE DONORS NEEDED

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

### CHINA LAKE

#### Lori Watts, Code 543300D

Lori is recovering from reconstructive foot surgery.

#### Carol Jones, Code 220000D

Carol has medical problem.

#### Nathan "Stu" Hannah, Code 834400D

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

#### Dick Nickles, Code 473330D

Dick is suffering from pneumonia and a heart condition.

#### Tempeste Schardt, Code 720000D

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

#### Chris Sutton, Code 455320D

Chris is recovering from a relapse of an autoimmune disease.

#### Mary Schmierer, Code 471300D

Mary is recovering from reconstructive ankle surgery.

#### Dianne Murray, Code 240000D

Dianne is caring for her husband, who had quadruple bypass surgery.

#### Dave Green, Code 455310D

Dave is currently being treated for complications of ulcerative colitis.

#### Brenda Allen, Code 473110D

Brenda is recovering from major surgery.

#### Nancy Rodgick, Code 725100D

Nancy has a medical problem.

#### Sandy Watson, Code 335000D

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

policy guidance, and assistance on personnel/training matters. Coordinates utilization and maintenance of facility and equipment requirements. **Quality-Ranking Factors:** (1) Ability to plan, gather, and analyze financial data. (2) Knowledge of NAWCWPNS budgeting processes (A-11, IT, CPP, etc.). (3) Ability to implement administrative requirements.

**No. 72-004-RS-97, (1) Administrative Officer, DA-341-02 (with promotion potential to DA-03), Information Management Department (Code 72D000E)—Area of Consideration:** Point Mugu. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Laura Brown, 989-7575. **HRD Contact:** Rosalie Sommer, 989-3231. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Serves as the primary point of contact between personnel located within the department and external offices regarding position management, personnel actions, employee benefits, awards, retirements, pay setting, facilities, security, safety, and training. Gathers and analyzes administrative data and evaluates and interprets findings. Conducts management studies pertaining to organizational structures. **Quality-Ranking Factors:** (1) Knowledge of personnel policies, requirements and procedures. (2) Knowledge of administrative procedures.

**No. 836-006JS7, (2) Educational Aide, GS-1702-04, Shore Station Management, Commanding Officer, Morale, Welfare and Recreation Department, Child/Youth Services Division (Code 836500E)—Area of Consideration:** Point Mugu. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Maureen Wilson, 989-7481. **HRD Contact:** Julie Simental, 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent must ensure that care provided is in compliance with child development and youth standards as outlined in applicable regulations. Assists in planning and conducting an effective child development program to meet the physical, social, emotional, and intellectual needs of each child based upon stated goals and curriculum plan provided by the supervisor. Reviews and implements daily schedules and activity plans and briefs lower-graded employees. Arranges room

and play materials to accommodate the daily schedule. Sets up displays and bulletin boards. Completes and submits required reports in an accurate and timely manner. **Quality-Ranking Factor:** Knowledge of child development principles and techniques.

**No. 850-003-SE7, (1) Supervisory Firefighter, DG-081-04, Shore Station Management, Air Operations Department, Fire Division (Code 854100E)—Area of Consideration:** Current Appointable NAWCWPNS employees at the Point Mugu site only. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Dave Winkler/Clyde Davis, 989-7034. **HRD Contact:** Susan Ellis, 989-3319. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will serve as Fire Captain and will exercise direct supervision over fire fighting crews located at the Fire Station 4 at San Nicolas Island (SNI). The incumbent will be responsible for providing fire protection services for personnel and structures at SNI. On a regular basis, will serve as Battalion Chief (SNI) in his/her absence. **Quality-Ranking Factors:** Knowledge of firefighting tactics on drills and actual emergencies concerning both crash and structural fire operations.

### HUMAN RESOURCES DEPARTMENT EMPLOYEES

**No. 73100-EV-9, (1) Employee Relations Specialist, DA-230-02 (Promotion Potential to DA-03), Corporate Operations Group, Human Resources Department, Civilian Personnel Division (ER/LR) (Code 731000E)—Area of Consideration:** Employees within the Human Resources Department. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Ed Rockdale. **HRD Contact:** Ed Vicuna. **Permanent Change of Duty Station:** No. **Summary of Duties:** The incumbent will serve as the program manager for the NAWCWPNS Awards system, Drug-Free Workplace Program, and the Performance Appraisal Review System (PARS). In this capacity, the employee will administer the programs, provide advice to management and ensure compliance with all

applicable regulations. **Quality-Ranking Factors:** (1) Ability to administer the NAWCWPNS awards systems. (2) Knowledge of DOD Drug-Free Workplace Program. (3) Knowledge of Department of Navy PARS System.

### ALL NAWCWPNS SITES

**No. 45-005-PW7, Supervisory Interdisciplinary (General Engineer/Physicist/Mathematician, DP-801/1310/1520/-3, Real-Time Targeting Section, Tactical Information Management Branch, Information Warfare Systems Division, Avionics Department, Code 452250D)—Area of Consideration:** NAWCWPNS. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** R. T. Hintz, (619) 939-2890. **HRD Contact:** Pat Ward, (619) 939-1346. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will perform as Head of the Real-Time Targeting (RTT) Section and will be responsible for approximately six scientists and engineers, forming the RTT Business Team. This team develops and demonstrates the utility of Real-Time Targeting and Real-Time Information in the Cockpit (RTIC) technologies, enhancing Naval Tactical Air Strike missions, survivability and operational flexibility for air combat operations; providing efficient sensor-to-shooter acquisition, processing, coordination, fusion, and display; and utilizing offboard data for aircrew, UAV, and weapon operations. The incumbent will also serve as the chairman of the Warfare Planning Science and Technology Network, serving as a communications conduit between the Network and collaborative R&D programs, agencies, and contractors—acting as a broker to enhance the Network's effectiveness and productivity. The incumbent will exercise and maintain through the Section the NAWCWPNS strike planning facilities consisting of the Strike Technology Laboratory (Bldg. 02475), the Mobile Intelligence Strike Support Team van, the RTT cell at Fallon, Nevada, and the Intelligence Exploitation Laboratory (Intelligence Vault, Mich Lab, Wing 8). These assets will be focused on image exploitation capabilities to allow for the collection, archiving, and dissemination of national resources

for use in precision targeting programs and others requiring manipulation and processing of multi-sensor data. The incumbent is expected to be the NAWCWPNS focal point for R&D efforts in imagery exploitation for target mensuration, Autonomous Target Recognition and Battle Damage Assessment, inflight rapid retargeting, database fusion, and utilization for mission planning and mission rehearsal. In this capacity, the incumbent is also responsible for technical management of major projects and the conception, organization, planning, and direct mission planning strategy development for NAWCWPNS management and the formulation and direction of the Capital Procurement Program for Warfare Planning to develop laboratories for imagery exploitation and custom targeting materials preparation. **Quality-Ranking Factors:** (1) knowledge of image exploitation techniques, systems, and programs; (2) knowledge of Research and Development and Science and Technology funding agency procedures; (3) knowledge of affirmative action principles, including a willingness to implement EEO practices; (4) ability to deal with all levels of technical management and contractor personnel; (5) ability to plan, organize, coordinate, and manage technical programs; (6) ability to meet the mandatory DAWIA requirements for training, experience, and education for level III of the Systems Planning Resource Development and Engineering Acquisition Career Field within 18 months of entering position. Incumbent must be able to obtain and maintain a Top Secret SCI/TK clearance. Promotion potential: DP-4. **Notes 1, 2, 3, and 4 apply.**

**No. 71-001-NR7, Resource Systems Analyst (DP-301-4), Corporate Resources Information Office (Code 711000D)—Area of Consideration:** NAWCWPNS. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Mike Chan, (619) 939-2334. **HRD Contact:** Nancy Robinson, (619) 939-8106. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** This position is located in the NAWCWPNS Corporate Resources Information Office (CRIO) (Code 711000D). Functional responsibilities of the position include development of planning solution for the NAWCWPNS and NAVAIRHQ. Duties include the design/development of resource planning/analysis/management processes and systems and assessment of deployment and integration options with external and internal systems/processes. Responsibilities include the development/presentation/deployment of rapid prototype solutions for dynamic planning requirements; surveying and evaluating of emergent technologies and requirements to offer cost-effective deployable solutions that maximize organic opportunities for efficient resource management; and providing support corporate/competency/program management requirements for development of plan/actual reporting. A moderate amount of travel is required. **Quality-Ranking Factors:** Ability to develop, prepare, and present resource information products/options and communicate/function at the local and national organizational levels; ability to deploy national level enterprise-wide solutions, develop 4th Dimension or Oracle client-server relational database applications and meet critical deployment milestones; skill in resource analysis/allocation problem solving and customer support; and knowledge of DOD/Naval/acquisition/financial management/budgeting processes and NAWCWPNS/NAVAIR/DOD organizational and functional structures. A Secret clearance is required for this position. The full performance level of this position is DP-4.

**No. 830-087JS7, (1) Heavy Mobile Equipment Repair Inspector, WG-5803-11, Shore Station Management, Commanding Officer, Public Works Department, Transportation Division (Code 839000E)—Area of Consideration:** NAWCWPNS. **Opening Date:** 1-23-97. **Closing Date:** 2-6-97. **Selecting Official:** Oliver Holder, 989-8200. **HRD Contact:** Julie Simental, 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent must inspect equipment and component parts to determine required maintenance. This includes a variety of vehicles and equipment, such as heavy diesel trucks, crawler tractors, mobile cranes, crawler crane,

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. Submit 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 accepted Schedule (A) appointment, VRA employees, and temporary employees within reach on an OPM certificate (or equivalent). If a tentative selection is made from tenant, VRA, or temporary applicants, the selection process cannot be completed until a waiver to the hiring freeze is approved by COMNAVAIR. Appointable persons include those with reinstatement eligibility, those within reach on an OPM certificate, and those eligible for noncompetitive permanent appointment (e.g., VRA, handicapped).	
NOTES	
1. 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.	
2. 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.	
3. Drug Testing Designated Position. An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a DOD testing designated position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP. Further, all DON employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current DON employee will also be provided to the employing activity/command.	
4. This is a DAWIA (Defense Acquisition Workforce Improvement Act) Designated Position. P.L. 101-510 requires that all applications for DAWIA designated positions which are advertised be evaluated utilizing a quality ranking factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants wishing more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields may contact the DAWIA representative within their Competency.	
NOTE: Applicants selected for Critical Acquisition Positions will be required to sign a Tenure Agreement to remain in that position for at least a 3-year period.	
5. Merit Promotion Positions for Point Mugu Site Vacancies. Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcement.	
GENERAL INFORMATION	
The Naval Air Warfare Center Weapons Division is an equal opportunity employer. Selection will be made on a fully equal basis without discrimination. Selection will not be made on non-merit reasons such as race, color, religion, sex, national origin, age, politics, marital status, physical handicap, or membership in an employee organization.	
All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP). Incumbent must hold or be able to obtain the appropriate security clearance.	
As of 1 August 1992, mandatory direct deposit/electronic funds transfer (DD/EFT) became the standard payment method with DOD for pay of certain civilian personnel. Newly hired civilian personnel and employees (not currently enrolled) who are selected for competitive promotion, reassignment, transfer, etc., will be required to enroll in DD/EFT within 60 days. An asterisk (*) preceding an announcement number indicates a modification has been made to the vacancy advertisement; please note indicated changes.	

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

#### ADMINISTRATIVE POLICIES AND PROCEDURES (32 hrs.)

4-5 and 11-12 March; Tuesday-Wednesday, 0800-1600; Training Center, China Lake. By: In-house experts  
2-3 and 8-10 June; Monday-Tuesday; 0800-1600, Bldg. 366, Point Mugu.

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

This course is mandatory for probationary supervisors. The following topics will be discussed: organizational structure, role of the PMA, staffing and employment, labor/employee relations, training and development, formal and informal complaint process, workers compensation, security, safety, property management level transfer, PARS, demo, awards program, drug free workplace, etc.

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

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

#### INTRODUCTION TO MACINTOSH (8 hrs.)

5-6 March; Thursday, 0800-1200; Training Center, China Lake  
This class is designed for people with little or no experience using the Macintosh computer.

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

#### CUSTOMER SERVICE WORKSHOP (8 hrs.)

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

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

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

#### BUDGET EXECUTION (24 hrs.)

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

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

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

#### TRAIN THE TRAINER (24 hrs.)

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

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

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

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

#### CONTRACT MANAGEMENT FOR NAVAIR ACQUISITION WORK-FORCE PERSONNEL (40 hrs.)

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

This 5-day course is designed to acquaint technical personnel with the DOD acquisition process and to emphasize the importance of engineers, quality personnel, specification writers, and requirements determinators in procurement and contract administration. This course reinforces the role of technical personnel both before and after the contract is awarded and meets the requirement for certification as a Contracting Officer's Representative. Note: The cost of this class is \$300 per person. Provide a job order number when registering.

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

#### INFRARED WINDOWS AND DOME MATERIALS (8 hrs.)

26 March; Wednesday, 0800-1700; Conference Room B/C, Mich Lab, China Lake. By: Dr. Daniel C. Harris

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

Deadline: 5 March

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

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

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

3 April; Thursday, 0800-1600; Training Center, China Lake.  
Intended Audience: CORs who have not had refresher training in the last 3 years.

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

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

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

#### TASK AND DELIVERY ORDER CONTRACTING (16 hrs.)

14-15 April, Monday-Tuesday, 0800-1600; Training Center, China Lake.

This course covers when to use task and delivery order contracts and how to use them effectively. Topics include implications of recent law and regulatory changes in task order contracting—how they affect you; circumstances appropriate for task and delivery order contracting; key features of task and delivery order contracting; pricing and funding issues; source selection issues; post-award contract administration; and the role of Contracting Officer's Representative.

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

#### FACILITATION SKILLS (8 hrs.)

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

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

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

## POINT MUGU

#### Vivian Almaguer, Code 836100E

Vivian is on maternity leave.

#### Francis Martinez, Code 454330E

Francis is under a doctor's care.

#### Lillian Cabello, Code 731000E

Lillian has medical problems.

#### Anita Retome, Code 455330E

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

#### Lisa Sherwood, Code 314410E

Lisa has undergone surgery.

#### Roberta Sonderman, Code 764100E

Roberta is recuperating from major surgery.

#### Robert Chaney, Code 543200E

Robert is caring for a family member recovering from surgery.

#### Marion O'Brian, Code 4KL500E

Marion's daughter is undergoing a lung transplant.

#### Ronald Murphy, Code 870000E

Ronald is recovering from a mild heart attack.

#### Michael T. Dang, Code 522K00E

Michael is under a doctor's care.

#### Cynthia Torrez, Code 452100E

Cynthia is on maternity leave.

#### Norma Lavin, Code 52911EE

Norma is under a doctor's care.

#### Sally Rodriguez, Code 56CD00E

Sally is under a doctor's care due to complications from a herniated disk.

#### Sonia Sotelo, Code 332200E

Sonja is undergoing major surgery.

#### Darlene Morrison, Code 761200E

Darlene is undergoing extensive chemotherapy and radiation treatments over the next 3 months.

#### Mikki McCully, Code 454930E

Mikki is recovering from major surgery.

#### Juanita Faye Blunt, Code 529110E

Juanita has been diagnosed with lymphoma.

## EMPLOYEE DEVELOPMENT DIVISION NEWS

### ON-BOARD TRAINING COURSE SCHEDULE

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

#### PERSONAL SOFTWARE PROCESS (PSP) (112 hrs., 4 sessions)

21-23 January; 3-6, 24-27 February; and 10-12 March, 0800-1600; Training Center, China Lake.

8-10, 21-24 April; 19-22 May; 3-5 June, 0800-1600; Point Mugu. By: Jeff Schwalb

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

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

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

To enroll, submit an On-Board Training Request (NAWCWPNS 12410/2) to Renee Riga, Code 45000D, (619) 939-7092 (DSN) 437-7092. For further information on course content and outline, call Jeff Schwalb at (619) 939-6226 (DSN 437-6226).

#### MATLAB (32 hrs.)

27-30 January; Monday-Thursday, 0800-1600; Training Center, China Lake. By: Evolving Technology Institute (Dale Green)

**Intended Audience:** Engineers, scientists, and other professional staff who want to understand how MATLAB can be used on their own personal computers to solve matrix algebra problems.

**Prerequisites:** An interest in learning how to use MATLAB and working knowledge of matrix algebra. It is assumed that students taking this course have completed mathematics or engineering courses that thoroughly covered various operations in matrix algebra notations, operations, and manipulation.

This course is an introduction to MATLAB. MATLAB has become the de facto standard in advanced mathematical analysis by engineers and scientists throughout the world. The course will review the basic concepts of matrix algebra, matrix, and vector manipulation. MATLAB commands, logical operator, and other functions will be discussed. Topics include MATLAB overview, matrix review, simple matrix manipulations, MATLAB help facility, quitting and saving work; graphing; array operations; vector and matrix manipulation; matrix functions; factorization and decomposition; applications on data analysis, signal processing, control systems, and application problems. The principle objective of this hands-on class is to understand the application of MATLAB's capabilities in solving matrix equations.

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

#### BASIC SUPERVISION (40 hrs.)

27-31 January; Monday-Friday, 0800-1600; Training Center, China Lake. By: Teri Mahaney

In this course, students will learn the basics of effective supervision and how to accomplish more with and through people. Learn your own leadership motivation and communication styles and how they

affect your supervisory style. Practice both positive and corrective styles. Students will develop usable skills in everyday working and living.

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

#### LEADING TEAMS (8 hrs.)

27 January; Monday, 0800-1600; Bldg. 366, Room 100, Point Mugu. By: J. D. Hodson and Associates

This course is designed to teach team leaders how to turn their teams into high-performing groups. Because the level of team performance is directly related to how well the leader develops and empowers the group, team leaders need to have a framework for understanding their role and how that role changes over time. This course gives them a framework for evaluating what stage of development their group is at, how to get their teams to a higher level of performance, and their role in facilitating that transition.

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

#### SIMPLIFIED ACQUISITION PROCESS (16 hrs.)

27-28 January; Monday-Tuesday, 0800-1600; Training Center, China Lake.

30-31 January; Thursday-Friday, 0800-1600; Bldg. 366, Room 104A, Point Mugu.

This 2-day course covers the following subjects: Political and Legal Environment; Initiating the Purchase—review of purchase requests, acquisition planning, and market research; Analyzing the Requirement—common problems, specifications, SOWs, commercial items, and services; Competition—sources, socio-economic policy, mandatory sources, set-asides, use of GSA, and NAFTA; Source Selection—evaluation factors, price analysis, multiple awards, best value, and micro purchases; Soliciting Offers—obtaining maximum competition, synopsis, non-competitive approvals, and use of BPAs; Evaluating Offers—what to evaluate, considering late offers, and protests prior to award; Selection for Award—responsibility determination, preaward surveys, and small business issues; Preparing Orders—IDIQs, federal survey schedules, BPSAs, unpriced POS, forms 347 and 1449 and purchase cards; and Simplified Acquisition Files—general documentation, contents offices, and data support purchase.

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

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

#### SYSTEMS ENGINEERING (40 hrs.)

27-31 January; Monday-Friday, 0730-1630; Training Center, China Lake. By: Robert Olson, Code 419000D

**Note 1:** This class meets the SYS 201 DAWIA Training requirement for DP IIs. This class will also meet the system engineering class requirement for enrollees in the SEDP program and the formerly titled TMC/TMDP and SEC programs.

**Note 2:** At the completion of this class, students desiring SYS 201 credit must complete DD Form 2518 (fulfillment form) and return it to Code 733000E.

This course provides an overview of systems engineering, addressing what a system is, why systems engineering is needed in the development and change of complex systems, the DOD acquisition system, the basic elements of the systems engineering process (in general and as the process is implemented within the DOD acquisition system), the engineering speciality area interfacing with systems engineering, and how systems engineering must interface with the engineering specialties to form an effective interdisciplinary technical team. Included are discussions on need definition,

#### CSUN SPRING COURSES AT CHINA LAKE

California State University, Northridge (CSUN) offers master's degree programs in electrical engineering and mechanical engineering via its Continuing Education Television Network (CETN) (microwave link). The schedule of the courses being offered in the spring, along with course descriptions and book order forms, may be obtained in Room 105 of the Training Center between 0830-1130 and 1230-1600, Monday through Thursday. Information regarding registration for CSUN courses may be obtained by calling the CETN office at (800) 882-0128. Information regarding tuition support for NAWCWPNs civil service employees may be obtained by calling Cecil Webb at 939-0878. Classes for the semester begin 27 January and end 23 May. Employees taking one of the courses must sign a statement at the time of registration, promising to reimburse the government if a satisfactory grade (i.e., "C" or better) is not obtained. For additional information, contact Cecil Webb at 939-0878.

#### DALE CARNEGIE TRAINING PROGRAM

An information session to determine potential interest in the Dale Carnegie Training Program will be held at the China Lake Training Center on 30 January.

The Dale Carnegie Program is designed to strengthen communications skills including listening, decision making, thinking on your feet and communicating clearly, improving self-confidence, responding to problems, replacing reactions with effective actions and much more. Participants will meet one afternoon a week for 12 weeks.

Cost of the program is \$1,000 and must be provided by the employee's cost center.

A 1-hour overview of the program will be presented at both sites beginning at 1200. Brown bag lunches are welcome.

For further information, contact Helen Casteel at DSN 351-3003 or Pati Burges at 989-3998 (DSN 351-3998)

#### OFFICE OF CIVILIAN PERSONNEL MANAGEMENT WESTERN REGION

The following courses are available to all NAWCWPNs employees. For more information, call the San Diego OCPM Course Registrar Staff at (619) 532-3880 (ext. 430) or DSN 522-3880 (ext. 430) or FAX (619) 532-3886.

#### San Diego, CA

13 February	EEO for Mid-Level Managers
24-28 February	Basic Instructor Training
25 February	Preventing and Resolving EEO Complaints
11-13 March	Advanced PPP Qualifications Workshop

identification, and definition of alternative solutions and their associated system concepts, system requirements definition, system design (requirements allocation/system architecture definition), detail design, system integration, and system/subsystem verification and validation.

## CIVILIAN PERSONNEL DIVISION NEWS

#### MERIT PROMOTION

#### CHINA LAKE SITE ONLY

No. 82-075-SP7, Lead Firefighter, DG-081-3, Naval Air Weapons Station, Safety and Security Department, Fire Division, Code 842100D—Area of Consideration: China Lake only. Opening Date: 1-23-97. Closing Date: 2-6-97. HRD contact: Shirley Hauser, 939-2883. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent is crew chief of a major piece of motorized firefighting apparatus and its crew. Duties include answering fire alarms; instructing crew in operation of fire equipment and in all phases of firefighting; and directing firefighting operations in the absence of supervisors. Quality-Ranking Factors: Ability to motivate, train, and work effectively with subordinates; plan work for crews and carry out assignments; plan initial attack, control, and extinguishment of fires; and knowledge of all phases of firefighting involving weapons, aircraft, structures, flammable liquids, and explosives. This ad establishes a register from which Lead Firefighter vacancies will be filled through February 1998. Applicants who do not meet the statutory (time-in-level) requirements but will meet those requirements during the term of this list may apply, but will not be placed on the list until those requirements are met. Potential selectees may be required to obtain and maintain a Secret security clearance. Note 3 applies.

#### POINT MUGU SITE ONLY

No. 830-083JS7, (2) Housing Management Assistant, GS-1173-577, Shore Station Management, Commanding Officer, Public Works Department, Housing Division/Assignment/Termination Branch (Code 835200E)—Area of Consideration: Point Mugu. Opening Date: 1-23-97. Closing Date: 2-6-97. Selecting Official: Michael Pedone, 989-3031. HRD Contact: Julie Simental, 989-3306. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent must perform a variety of housing inspections including maintenance/contract inspections and coordinates necessary maintenance and repair work. Follows up to ensure that deficiencies are corrected. Conducts housekeeping and sanitation inspections during occupancy. Performs quality assurance inspections on maintenance service contracts. Monitors the assignment of tenants to available quarters and schedules pre-termination, termination, make-ready, and check-in inspections. Determines authorized allowances and issues nonavailability certificates as required. Provides information on privately owned housing availability. Performs other duties as assigned. Quality-Ranking Factor: Knowledge of the basic principles and methodology of housing management.

No. 72-001-RS-97, (1) Telecommunications Specialist, GS-391-09, Information Management Department (Code 725200E)—Area of Consideration: Point Mugu. Opening Date: 1-23-97. Closing Date: 2-6-97. Selecting Official: Marie Gutzman, DSN 437-2455. HRD Contact: Rosalie Sommer, 989-3231.

Permanent Change of Duty Station Authorized: No. Summary of Duties: Provides software/hardware instruction and training. Assists in the development of training plans in support of organizational requirements. Applies new and improved software/hardware instruction and training techniques, methods, practices, and strategies. Monitors the Message Distribution Center's operations to ensure compliance with established policies and guidelines. Prepares Statements of Work for contract NAWCWPNs message center operations; provides in-depth analysis to identify increased efficiency; manages the Message Center Operations budget; provides data to management for project/budget planning; and provides contractor technical evaluations. Quality-Ranking Factors: (1) Ability to use the Navy Message Center and to provide support in the area of software/hardware instruction; (2) experience in administering Center Operations; (3) experience in preparing Statements of Work and providing in-depth analysis to identify increased efficiency.

No. 72-002-RS-97, (1) Administrative Assistant, GS-341-07 (with promotion potential to GS-11 grade level), Information Management Department (Code 72D000E)—Area of Consideration: Point Mugu. Opening Date: 1-23-97. Closing Date: 2-6-97. Selecting Official: Laura Brown, 989-7575. HRD Contact: Rosalie Sommer, 989-3231. Permanent Change of Duty Station Authorized: No. Summary of Duties: Coordinates short- and long-range financial and administrative requirements of the department and plans for control and utilization of assigned resources in accordance with overall

resources management guidelines. Coordinates/originates, as appropriate, responses to requests for data, information, and reports. Ensures that responses are accurate and represent the department's positions and needs. Plans, gathers, and analyzes information concerning project and competency budgets; and tracks financial expenditures. Provides advice, policy guidance, and assistance on personnel/training matters. Coordinates the utilization and maintenance of facility and equipment requirements. Quality-Ranking Factors: (1) Ability to plan, gather, and analyze financial data; (2) knowledge of NAWCWPNs budgeting process (A-11, IT, CPP, etc.); (3) ability to implement administrative requirements.

No. 72003RS97, (1) Administrative Officer, GS-341-09 (promotion potential to GS-11), Information Management Department, (Code 72D000E)—Area of Consideration: Point Mugu. Opening Date: 1-23-97. Closing Date: 2-6-97. Selecting Official: Laura Brown, 989-7575. HRD Contact: Rosalie Sommer, 989-3231. Permanent Change of Duty Station Authorized: No. Summary of Duties: Coordinates short- and long-range financial and administrative requirements of the department and plans for control and utilization of assigned resources in accordance with overall resources management guidelines. Coordinates/originates, as appropriate, responses to requests for data, information, and reports. Ensures that responses are accurate and represent the department's positions and needs. Plans, gathers, and analyzes information concerning project and competency budgets; and tracks financial expenditures. Provides advice,

In addition, the following topics will be addressed: (1) the context diagram, hierarchy diagram, system description, and work breakdown structure and their interrelationship; (2) the service use profile and its purpose and use; (3) the concept of operations document and its role in the evolving definition of the system; (4) measures of effectiveness; (5) cost and operational effectiveness analysis; (6) requirements analysis; (7) states and modes; (8) the different types of diagram tools available to the systems engineer; (9) selecting the best specification for the system/system element to be specified; (10) government/industry teaming; (11) systems engineering's role in the RFP preparation; (12) system design/system architecture design, including functional analysis and requirements allocation; (13) interface definition and control; (14) defining and leading an integrated interdisciplinary team; (15) risk identification, assessment, and control; (16) establishment and implementation of a technical performance measurement system; (17) technical reviews; (18) systems engineering planning; and (19) acquisition reform and its impact on system engineering. This course is based on practical experience rather than textbook theories and uses examples from actual programs to illustrate the pros and cons of particular approaches. This class consists of a reading assignment that is to be completed prior to the beginning of the class, 40 hours of classroom instruction, videos, two workshop sessions, and four short evening assignments. (Note: The Navy Acquisition System Management course should be completed prior to taking this course.)

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).

#### SOFTWARE PROJECT MANAGEMENT (16 hrs.)

28-29 January; Tuesday-Wednesday; 0800-1600; Training Center, Room 104A, Point Mugu.

12-13 February; Wednesday-Thursday; 0800-1600; Family Service Center, Room G (on Blandly), China Lake.

By: SPIO (Keith Page, Renee Riga, Code 4F000D, and Bob Page, Code 471ABOD)

**Prerequisites:** Have some familiarity with SEI's Software CMM Version 1.1

This course is about developing and documenting processes, which are important for an organization to achieve a method of doing business that is repeatable. Documenting processes also allows for the evaluation and improvement of existing processes. This is a 2-day class covering the concepts and principles of the Software Project Planning (SPP) and Software Project Tracking and Oversight (SPT&O) Key Process Areas (KPA's) as described for a Level II organization in SEI's Capability Maturity Model (CMM) for software Version 1.1. The knowledge gained from this class will give working group members a basis for beginning their journey towards developing, documenting, and improving their Software Project Management processes. Although this class is targeted towards working groups developing and documenting processes for KPAs, practitioners and managers of software projects will benefit from the principles and concepts taught in this class. Training Method: Classroom lectures and discussions; students are encouraged to participate and bring in real-world examples/problems for discussion; two instructors; individual and group exercises throughout the course.

To enroll, call Rene Riga, Code 4F000D. For further information, contact Rene at 939-7092 (DSN 437-7092).

#### ETHERNET (24 hrs.)

28-30 January; Tuesday-Thursday, 0800-1600; Training Center, Point Mugu. By: Evolving Technology Institute (Larry Owens, Ph.D)

**Intended Audience:** People responsible for planning and implementing Ethernet-based network planners, data processing managers, and data communications managers and analysts.

**Prerequisite:** This course assumes approximately 2 years of experience in data-processing systems. A degree in mathematics, engineering, or other sciences is assumed.

This course lays the foundation for networks in general and local area networks in particular. With this groundwork, the details of Ethernet are studied, including the plethora variants (different speeds, media, etc.). Lastly, a comparison of Ethernet-based networks to other local area networks is provided. Topics include evolution of networking; network architectures; transmission facilities; local area networks; and Ethernet history, standards, topology, physical layer, performance, comparison with other LANs, and recent developments.

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

#### ORACLE 7 BACKUP AND RECOVER (24 hrs.)

29-31 January; Wednesday-Friday, 0800-1600; Training Center, Point Mugu. By: Oracle Corp.

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

**Prerequisite:** Oracle 7 Database Administration.

The participants will explore the critical area of planning and implementing database backup and recovery strategies. In the hands-on exercises, the participants will practice backup methodologies based on business requirements in a mission critical enterprise. The participants will use multiple strategies to recover from different types of failures. A full day of interactive workshop gives the participants an opportunity to walk through a real-world backup and recovery case study. In the process, they will apply advanced recovery strategies, review Oracle 7 architecture, explain recovery theory, practice recovery methods, optimize 24-hour operations, explore incomplete recovery, describe logical backup and recovery, use Oracle export/import utilities, troubleshoot a problem recovery scenario, and implement a standby database.

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

#### WINDOWS '95 INTRODUCTION (8 hrs.)

31 January; Friday, 0800-1600; Training Center, China Lake.

This class is designed for people with little or no experience using an IBM or compatible computer and the Windows '95 operating system.

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

#### PERFORMANCE-BASED STATEMENT OF WORK (16 hrs.)

3-4 February; Monday-Tuesday, 0800-1600; NAWC Conference Center, China Lake.

5-6 February; Wednesday-Thursday, 0800-1600; Training Center, China Lake.

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

The goal of this 2-day course is to improve the Statements of Work produced by DOD personnel by teaching how to write Statements of Work in a performance-based manner. Students are given ample opportunity to practice the skills taught.

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

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

#### WORD 5.0 FOR MACINTOSH UPGRADE TO 6.0 (8 hrs.)

3 February; Monday, 0800-1600; Bldg. 366, Room 103, Point Mugu.

**Prerequisite:** Must be proficient with Word 5.0 for Macintosh.

This class is designed for people familiar with Word 5.0 for the Macintosh program who now have Word 6.0.

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

#### FIBER DISTRIBUTED DATA INTERFACE (16 hrs.)

3-4 February; Monday-Tuesday, 0800-1600; Training Center, China Lake. By: Technology Symposium, Inc. (Wayne Ward)

**Intended Audience:** This course is designed for people responsible for evaluating network alternatives, network design and implementation. Communications managers, and network administrators, support personnel, technicians, designers, operations personnel, and planners.

This course provides the students with a thorough understanding of FDDI network components, operations, and applications; and FDDI specification status. In FDDI Overview, the basic FDDI concepts are covered to provide a common background. The OSI seven-layer model is reviewed to show how and where FDDI fits within this architecture; FDDI concepts, what is FDDI, what are its limits, and what are the benefits of FDDI. FDDI facilities will show you what make up the FDDI architecture. Other topics are FDDI device power-on procedures, ring start up, ring operation, and ring recovery procedures.

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

#### INTERMEDIATE SYSTEMS ACQUISITION COURSE (80 hrs.)

3-14 February; Monday-Friday, 0730-1600; Training Center, China Lake.

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

By: Acquisition Management Institute (AMI)

**Note 1:** This course may be taken to fulfill the ACQ 201 DAWIA course for Level II employees who are in career fields with this requirement or employees requiring this course for certification in a subsidiary career field. Employees taking this course to meet a DAWIA training requirement must also have acquisition experience, education and/or additional training to use the Fulfillment Program for meeting the ACQ 201 requirement. ACQ 201 course competencies listed in the Fulfillment Guide should be referred to. (This guide is available in hard copy from department offices or via Internet address for DAU documents: <http://www.acq.osd.mil/dau/daudocs.html>)

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

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

China Lake Deadline: 20 January

Point Mugu Deadline: 28 April

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

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

#### GLOBAL POSITIONING SYSTEM (GPS) (BEGINNING) (8 hrs.)

3 February; Monday, 0800-1600; Training Center, China Lake.

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

By: QED Educational Services (Dr. Daniel Biezad)

For the beginning course, the student will understand history and principles of operation of the three segments of the GPS, including a

thorough knowledge of the earth and its geodesy. The student will also learn the fundamental error sources associated with GPS and how they are handled in practice. Aerospace applications especially suited for flight and flight testing will be emphasized. Integration with other avionics systems and advanced state-of-the-art applications will be discussed. Differential and Carrier Tracking GPS concepts will be covered in a general sense. At the end of this course, the student will understand the fundamentals of GPS and how GPS is being applied and combined with other avionics systems throughout the aerospace industry.

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

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

#### GLOBAL POSITIONING SYSTEM (GPS) (INTERMEDIATE) (8 hrs.)

4 February; Tuesday, 0800-1600; Training Center, China Lake.

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

By: QED Educational Services (Dr. Daniel Biezad)

For the intermediate course, the student will learn and practice the mathematical principles upon which the GPS is based. The student will learn state-space modeling techniques and matrix manipulations necessary to solve the navigation problem using GPS. The Kalman Filter algorithm as it applies to GPS error modeling will be presented and applied to practical integration problems with other aircraft systems, especially the Inertial Guidance System. Flight test applications of GPS and Differential GPS will be presented. The student will understand the advanced applications of GPS for aircraft guidance and control to landing and for attitude control of spacecraft and unarmed vehicles. At the end of this course, the student will be able to model as well as understand the GPS and will know how it can most effectively be employed in an avionics suite or in a flight test program.

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

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

#### INTRODUCTION TO MACINTOSH (8 hrs.)

4 February; Tuesday, 0800-1600; Bldg. 366, Room 103, Point Mugu.

**Prerequisite:** Students must be able to use a Macintosh computer. This class is designed for people with little or no experience using the Macintosh computer system.

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

#### NAVY WRITING SKILLS (16 hrs.)

4-5 February; Tuesday-Wednesday, 0800-1600; Bldg. 366, Point Mugu. By: Natalie Reid

This course provides the foundation for the writing standards specified in chapter one of the Navy Correspondence Manual and gives participants an understanding of those standards. Students will develop skills in applying those standards in a variety of ways, from simplifying language, writing concisely, and editing for brevity, to using the active voice and editing for grammatical accuracy and clarity.

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

#### GLOBAL POSITIONING SYSTEM (GPS) (ADVANCED) (8 hrs.)

5 February; Wednesday, 0800-1600; Training Center, China Lake.

12 February; Wednesday; 0800-1600; Training Center, Point Mugu.

By: QED Educational Services (Dr. Daniel Biezad)

The advanced course will enable the student to understand and to simulate the GPS using matrix calculus. Comprehensive error models and error budgets for the GPS integrated with INS and other avionics systems will be presented. The student will know enough probability theory to derive the Kalman Filter and to apply it to the GPS error model. The mathematical foundations for advanced applications of Differential GPS and Carrier Tracking GPS will be understood and practiced by the student. Simulation and navigation algorithms associated with piloted and autonomous flight will be derived. Advanced avionics integration schemes involving the GPS will be presented in detail. At the end of this course, the student will understand the latest developments in GPS aerospace applications.

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

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

#### EXCEL 5.0 FOR MACINTOSH, INTRODUCTION (16 hrs.)

5-6 February; Wednesday-Thursday, 0800-1600; Bldg. 366, Room 103, Point Mugu.

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

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

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

#### LEADERSHIP SKILLS (16 hrs.)

10-11 February; Monday-Tuesday, 0800-1600; Training Center, China Lake. By: David Silver

This workshop depends upon the facilitator's ability to work with participants through each module of the program. There is a limited

amount of lecture material presented. Examples and principles presented will be consistent with those put forth in John Kotter's book "A Force For Change."

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

#### Ada: INTRODUCTION (40 hrs.)

10-14 February; Monday-Friday, 0800-1600; Point Mugu (760 Las Posas Rd., Suite A-4, Camarillo. By: Technical Research Associates, Inc.

The student will learn how to use the major features of this DOD developed language with an Ada (DOD standard) compiler. The student will be able to make an informed decision about how well a particular application is suited for implementation in Ada. The course will begin with an overview of the major capabilities of Ada. The language will be presented as a series of stepwise refinements covering, but not limited to, the following topics: Ada and software engineering, overall Ada style, types, control statements, subprograms and parameter passing, packages, timing, exception, generics, separate compilation, concurrent programming, and Rendezvous. This is a hands-on course.

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

#### PRO ENGINEERING (3 hrs.)

11 February; Tuesday, 0830-1130; Training Center, Bldg. 366, Room 104A, Point Mugu. By: John Hutchins, Ph.D.

**Intended Audience:** Engineers, Design Engineers, Test and Measurement Engineers who deal with analysis of stress, displacement, dynamics, buckling, heat transfer, dynamic response, fatigue, fluid flow, and electromagnetics.

This briefing will present a new generation of PC-based tools for thermal and structural analysis. Dr. Hutchins will discuss and demonstrate structural research and analysis and COSMOS software in conjunction with PTC's mechanical design software "PT/Modeler." You will learn that a new conceptual design analysis and optimization can be completed quickly. COSMOS' Fast Finite Element (FFE) analyzes problems up to 100 times faster than other programs and reduces disk storage requirements by over 20 times. FFE lets you take advantage of ultra-fast "what if" scenarios without having to build multiple prototypes to understand how a design behaves. Dr. Hutchins will demonstrate a variety of analysis capabilities for structural and thermal analysis.

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

#### WORD 6.0 FOR MACINTOSH, INTRODUCTION (16 hrs.)

11-12 February; Tuesday-Wednesday, 0800-1600; Training Center, China Lake.

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

This class is designed for people who have little or no experience using the Word 6.0 for Macintosh.

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

#### EXCEL 5.0 FOR WINDOWS, INTRODUCTION (16 hrs.)

19-20 February; Wednesday-Thursday, 0800-1600; Bldg. 366, Room 103, Point Mugu

**Prerequisite:** Students must 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.

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

#### FILEMAKER PRO 2.1 FOR MACINTOSH, INTRODUCTION (16 hrs.)

19-20 February; Wednesday-Thursday, 0800-1600; Bldg. 366, Room 102, Point Mugu.

**Prerequisite:** Students must be able to use a Macintosh computer. This class is designed for people who have little or no experience using Filemaker Pro 2.1 for Macintosh.

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

#### TEAM SKILLS TRAINING (8 hrs.)

19 February; Wednesday, 0800-1600; Training Center, China Lake.

27 February; Thursday, 0800-1600; Bldg. 366, Room 100, Point Mugu.

By: Participative Management Systems

In this course, students will learn to identify the characteristics of a high-performing team, recognize the benefits that occur from a team that is cooperative rather than competitive, build an empowered team, create a collaborative environment, assume the role as a leader as well as a team player, and identify specific action steps that can be taken to improve teamwork.

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

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

#### FIBER-OPTIC CABLE REPAIR (24 hrs.)

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

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

#### NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY97 SEMINARS

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

Course Title	Course Dates	Deadline Date to 733000D
Capitol Hill Workshop	9-12 June 97	24 March 97
Contemporary Management Issues and Practices	18-29 August 97	29 May 97
The Washington Arena	23-27 June 97	3 April 97
The Politics of National Security	24-29 August 97	6 June 97

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

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

#### EXPERT SYSTEMS (8 hrs.)

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

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

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

#### MENTORING FOR PERFORMANCE (8 hrs.)

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

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

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

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

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

#### TRANSIENT TESTING (UPDATED WITH NEW CONTENT) (8 hrs.)