

# FEDCOM LOW LOW LOW Pentium Prices!

## PC SPECIALS!

### 200MMX 32/3.2GB24x CD 14"

- Intel 200MMx Processor 512K CACHE
- 3.2GB WD Hard Drive • 1MB PCI Video Card
- 33.6 Modem • 14" .28 NI Color Monitor
- 104 Windows 95 Keyboard
- Windows 95 • Mouse
- 1.44 Floppy Drive
- 32MB RAM • Mini Tower
- 24x CD • 16 Bit Sound Card
- 90 Watt Speakers

**\$999**

### 233MMX 32/3.2GB24x CD 15"

- Intel 233MMx Processor 512K CACHE
- 3.2GB Hard Drive • 1MB PCI Video Card
- 56K Flex Modem • 15" .28 NI Color Monitor
- 104 Windows 95 Keyboard
- Windows 95 • Mouse
- 1.44 Floppy Drive
- 32MB RAM • Mini Tower
- 24x CD • 16 Sound Blaster
- 90 Watt Speakers

**\$1199**

### PowerMac G3 266MHz

- G3 266MHz Risc Processor
- 32MB RAM
- 4GB EIDE Hard Drive
- 24x CD ROM
- Zip Drive SCSI

**\$1998**

### Digiview 17" Monitor

- 1280x1024
- .28 dpi

**\$359**

Prices and availability are subject to change without notice. Items may vary in appearance from pictures shown.

## NEW PENTIUM IIs

### Intel P2 266 64/8.4GB 32xCD

- 512K CACHE • 8.4GB Hard Drive
- 32x CD ROM • 4MB AGP Video
- 17" .28 NI Color Monitor
- 104 Windows 95 Keyboard
- Windows 95 • Mouse
- 1.44 Floppy Drive
- 64MB RAM • Mid Tower
- Sound Blaster 16
- 56K Modem • 90W Speakers

**\$1849**

### Intel P2 300 64/6.4GB 24xCD

- 512K CACHE • 6.4GB Hard Drive
- 24x CD ROM • 4MB AGP Video Card
- 17" .28 NI Color Monitor
- 104 Windows 95 Keyboard
- Windows 95 • Mouse
- ZIP DRIVE
- ZIP IDE • 1.44 Floppy Drive
- 64MB SDRAM • Mid Tower
- Sound Blaster 16 Sound Card
- 56K Modem • 240W Speakers

**\$1949**

### Intel P2 333 64/6.4GB 24xCD

- 333MHz Pentium II Intel Processor • 64MB RAM
- 512K Cache • 6.4GB WD Hard Drive
- 17" .28 SVGA Color Monitor
- PS2 Mitsumi Windows 104 Keyboard
- 24x CD ROM • 1.44MB Floppy Drive
- ATX Mid Tower • PS2 Mouse
- 4MB AGP Video Card • Zip Drive
- Sound Blaster 16 Sound Card
- 240Watt Speakers • Windows 95

**\$2139**

### Intel P2 400 64/6.4GB 24xCD

- 400MHz Pentium II Intel Processor
- 64MB RAM • 512k Cache • 56K Modem
- 6.4GB WD Hard Drive • 17" .28 SVGA Monitor
- PS2 Mitsumi Windows 104 Keyboard
- 24x CD ROM • 1.44MB Floppy
- ATX Mid Tower • PS2 Mouse
- 4MB AGP Video Card
- Sound Blaster 16 Sound Card
- 240Watt Speakers • Windows 95

**\$2419**

## AUDIO VISUAL

### Hitachi TVs

- Top of the line
- Highest Quality
- Perfect Volume
- Black Screen
- 3D Surround
- Stereo
- On-Screen Help
- HiRes PIP



One Each Only!

- Hitachi 27cx7B.....\$499.95
- Hitachi 32cx11B.....\$799.95
- Hitachi 32ux51B.....\$829.95
- Hitachi 35cx45B.....\$1329.95

## DVD/RACKS

### KENWOOD 550AV RACK SYSTEM

- Tuner • Amplifier
- 5 CD Changer
- Double Cassette
- Front & Rear Speakers

**\$757**

\*One Only

### Pioneer DV 505

NEW MODEL!

**\$479**

## CAM REDUCTION

### Hitachi Cam Corders

Consumer Reports: The No. 1 and No. 2 Rated Camcorder on the market. From \$599 to \$2495, Hitachi Camcorders are simply the best.



- VME635 LA .....\$799.95
- .....Regular \$899
- VMH 835 LA .....\$869.95
- .....Regular \$1200

**ONE ONLY**

## RECEIVERS

### Kenwood R-9000.....\$999.95

15" Screen • 100W • 56K Modem • 5.1 Channel • 1200W SRP

### Sherwood R-500.....\$349.95

105 Watts • DSP Remote • Dolby Pro Logic • 75x3 Front

### Sherwood R-300.....\$319.95

70 Watts • Dolby Pro Logic • Full Function Remote

**We Appreciate Your Business**



# THE ROCKETEER

THURSDAY, MAY 14, 1998

NAVAL AIR WARFARE CENTER WEAPONS DIVISION CHINA LAKE

VOL. 54, No. 10

Karen Higgins excited about WD's future **5**

Strategic thrust: Hypersonic Weapons **9**

## Curry's Windows program speeds NIMIC assessments

Engineer travels to Brussels to write PC version of THAMES

By Kathi Ramont  
Associate Editor

When Dave Curry, an electrical engineer working with the AV-8B Integrated Project Team, answered a telephone call in December from Ken Chirkis, head of the Safety Systems Engineering Branch, he didn't expect to leave the desert just three months later and spend six weeks living and working in Europe.



Dave Curry

As a result of two highly successful insensitive munitions workshops in Brussels, Belgium, and Adelaide, Australia last year, Chirkis was looking for someone with experience with Windows programming and with weapons systems and their supporting documents. With a little financial help from Ron Wilson, head of China Lake's Joint Air-to-Surface Standoff Missile (JASSM) Program Office, the next thing Curry knew, he was on a

plane headed for Brussels.

He was sent there to work with the NATO Insensitive Munitions Information Center (NIMIC) at NATO Headquarters. China Lake participation in the Windows development of Threat Hazard Assessment Methodology Software (THAMES) means it will be easier to develop, track and audit safety assessment and insensitive munition programs.

Each of the hazard assessment protocols is specific to a given type of threat, so the first action to be taken when designing a munition for safety is to define the threats it is likely to meet during its life cycle. The upgraded software will have capability to include the probability of certain threats, consequences and acceptable munition response to those threats.

NIMIC is the clearinghouse for information regarding testing of munitions and helps program managers ensure that the munitions are, to a high degree, not a safety hazard to personnel and equipment during the munition's life cycle. "In the context of THAMES, the term 'threats' refers to credible life cycle environments to which a munition may be exposed," explained Chirkis. "It also means induced environments such as vibration and drop, and unplanned stimuli like a bullet or fragment impact."

Chirkis' branch at NAWCWPNs performs

threat hazard assessments for the weapons projects, as an integral part of the overall system safety program. "The Windows version of THAMES will prove to be significant cost savings to our projects in completing our goal of supplying safe weapons, which meet the insensitive munitions requirements, to our warfighters," he stated.

NIMIC reviews many documents of many types, including United States DoD military standards and NATO standards and agreements. Due to the large amount of documentation that may be needed by program managers, and to the many situations and threats that munitions

encounter during their life cycles, NIMIC developed THAMES 2.1, which runs under the Microsoft DOS operating system, to help program managers perform threat assessments.

NIMIC received numerous requests from member nations, including the U.S., the United Kingdom, France and the Netherlands, to rehost THAMES under the Microsoft Windows operating system, mainly due to the common acceptance of Windows. This is where Curry was brought in.

"This trip was the first of several attachments to NIMIC that I expect to accomplish," said Curry. "In addition to replicating existing

Please see **CURRY**, Page 8

## Weapons Symposium success



Photo by Greg Turnbaugh, TID

**EXHIBITS**—Tim Hofer, of the Avionics Systems Integration Branch (center) and Scott Paulsen, a Boeing field engineer, spoke to attendees at last week's symposium at the Naval Weapons Test Squadron. Hofer gave a demonstration on a integral head tracker and see-through heads up display for pilots. Visitors had the opportunity to see what work is presently being done at China Lake in development of weapons systems. See Page 3 for full story.

# Fedcom Computer Center

384-2000  
880 N. China Lake Blvd.

VISA/Master Card/Discover  
OPEN: 7am-7pm Mon-Fri  
Sat 10am-4pm • Flex Fri 9am-7pm

TO ASSURE WARRANTY, BUY APPLE AUTHORIZED  
VISIT FEDCOM THE VALLEY'S ONLY  
APPLE AUTHORIZED RESELLER/SERVICE CENTER

## MusicFest '98 brings big names to CL next weekend

By Kathi Ramont  
Associate Editor

Music lovers are in for an exciting three days May 21-23 when MusicFest '98, sponsored by the Quality of Life Department, presents a variety of groups that include modern and contemporary jazz, Cajun, classic rock, top 40 dance, funk, rhythm and blues, country and alternative rock.

Tickets are on sale at the Wreck Center ticket office, the Carriage Inn and Texas Cattle Co. Some of the groups performing are highlighted below. An up-to-date schedule of events can be viewed at <http://ndti.net/musicfest>.

### Zydeco Blues Patrol

Kicking off the music weekend will be the Zydeco Blues Patrol, which performs Cajun music. The group got its start on trail rides in Lafayette, La., where they started off with only an accordion and a washboard. According to promotional materials, they've been

highly influenced by Buckwheat Zydeco as well as Rockin' Doupce and Clifton Chenier.

### Midwest Coast

This group comes on as the final group for this first night, Thursday, at 9:45 p.m. Midwest Coast is a Los Angeles-based band and has five lead vocalists, a complete horn section, a rhythm section, and soloists and performers who go into the audience to sing, play and dance with the crowd. They play classic rock, top 40 dance, funk, rhythm and blues, country, 70s disco and alternative rock.

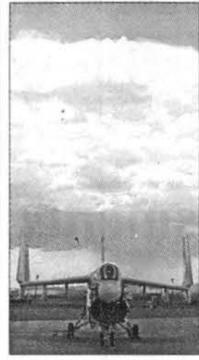
The group includes David Burns (vocals, trombone, keyboards, harmonica); Michael English (vocals, bass guitar); Mike Lynn (vocals, guitar); Skip Kubel (vocals, keyboard, trumpet); and Bill Reyes (vocals, drums, electronic percussion).

They've played at concerts, fairs, major night clubs and conventions

Please see **MUSICFEST**, Page 6

## Weather

	April 29 - May 5			
	High	Low	Gusts	Humidity
Wed	87	49	14	60-13%
Thurs	87	52	27	63-16%
Fri	81	50	30	33-20%
Sat	77	51	33	82-29%
Sun	76	53	34	80-26%
Mon	77	53	32	77-20%
Tues	66	52	33	96-53%
	May 6 - 12			
Wed	71	43	22	93-33%
Thurs	73	45	24	89-28%
Fri	—	—	21	—
Sat	—	—	39	—
Sun	—	—	30	—
Mon	—	—	30	—
Tues	—	—	28	—



## China Lake Calendar

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

### Thursday, May 21

• MusicFest '98 starts, 5:45 p.m. to midnight. This is free admission night. See story on Page 1.

### Friday, May 22

• Change of command ceremony at NWTS, 2 p.m.

### Friday, June 5

• All hands meeting, Station Auditorium, 8:30-9:30 a.m. for competencies 3.0, 4.0, 8.0; and 10-11 a.m. for competencies 2.0, 5.0, 7.0.

### Tuesday, June 9

• Michelson, L.T.E. Thompson and McLean awards, 11 a.m. Call 939-2537 for tickets.

## THE ROCKETEER

RADM. RAND H. FISHER  
NAWCWPNS Commander

CAPT. STANLEY W. DOUGLASS  
NAWS Commanding Officer

STEVEN F. BOSTER  
Public Affairs Officer

BARRY McDONALD  
Editor

KATHI RAMONT  
Associate Editor

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

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

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

This deadline also applies to submissions for the NAWCWPNNS Announcements contained herein, and the PAO Info Line.

Correspondence and material for THE ROCKETEER should be addressed to: Editor, THE ROCKETEER, Commander, Code 750000D, NAWCWPNNS, 1 Administration Circle, China Lake, CA 93555-6001; or they may be transmitted by QuickMail to Barry McDonald. (Select CL\_HQ zone, NAWSSTAFF\_MC mailcenter.) Fax information to 760-939-2796, or call 760-939-3354; DSN 437-2796 or 437-3354, respectively. E-mail address is barry.mcdonald@mail.chinalake.navy.mil. THE ROCKETEER office is located in the Headquarters Building, Room 1017.

Information intended for use in PAO Info Line should be sent to Joy Adams at Code 750000D, to her QuickMail address, or she may be reached at 927-3511. The Info Line e-mail address is http://peewec.chinalake.navy.mil/~paoinfoline.html.

Advertising is the sole responsibility of High Desert Newspapers, Inc., 224 East Ridgecrest Blvd., Ridgecrest, CA 93555, 760-375-4481.



## TSP open season starts tomorrow

The semiannual open season for the Thrift Savings Plan runs May 15-July 31. During this period, eligible federal civilian employees may enroll in the federal government's 401(k) investment fund. You must be a federal employee for at least six months before you can enroll in the plan. Current participants can change their future contributions or the way they invest their contributions.

For the 12 months ending March 31, the C fund returned 47.83 percent, the F fund returned 11.94 percent and the G fund returned 6.56 percent.

Thrift Savings Plan brochures and forms are available at civilian personnel offices and on the Internet at [www.tsp.gov](http://www.tsp.gov). The next open season runs Nov. 15 to Jan. 31.

## Satellite Town Meeting is May 19

The next Satellite Town Meeting, "Reading Partners: Teaming Up to Help Children Read Well," will be held on Tuesday, May 19, from 5-6 p.m., at the NAWS Training Center.

The America Reads Challenge calls on all Americans to support teachers and help ensure that every American child can read well and independently by the end of third grade. For more information call Bob Peoples at 939-8120.

## All-hands briefings set for June 5

Briefings to all-hands at both Point Mugu and China Lake sites will be held on Friday, June 5. These meetings are for government only. Vugraphs will be available on a server afterwards.

**China Lake at the Station Auditorium**

8:30-9:30 a.m.: Competencies 3.0, 4.0, 8.0

10-11 a.m.: Competencies 2.0, 5.0, 7.0

**Point Mugu at the Station Theater**

1:30-2:30 p.m.: Competencies 3.0, 4.0, 8.0

3-4 p.m.: Competencies 2.0, 5.0, 7.0

The briefings will include a progress report on efforts to reduce overhead spending and meet work force reduction goals — and NAVAIR headquarter's response to this progress. Other subjects are: work force management initiative progress; skills balance data; outplacement opportunities; VSIP/VERA results; separations since January; recent strategic planning efforts; new vision, mission and values; five new strategic initiatives; core capabilities; preliminary results of the activity-based costs study; strategic thrusts summary; F/A-18F is on board; and funding outlook for FY98.

## Awards luncheon is set for June 9

June 9 is the date for the annual Memorial Awards Presentation Luncheon. The Michelson Laboratory, Dr. William B. McLean and Dr. L.T.E. Thompson awards will be presented at the Wreck Center between 11 a.m. and 2 p.m.

Lunch is \$6.25 and includes either a croissant sandwich with ham, turkey or beef, or salad bar. Tickets must be purchased by June 1. Checks should be written to MWR. For tickets contact Mia Carreno at 939-3892 or Pat Oliver at 939-2537, or at Point Mugu call Nancy Stock in Building 211, at 989-3225.

## Public Affairs offers photos on-line

The newly revised Public Affairs Home Page is now on-line at <http://www.nawcwps.navy.mil/~pao>. To help keep this page up-to-date and to reflect the mission and work done at the Weapons Division, Public Affairs would like to add more photographs to its web gallery. Call Peggy Shoaf at 939-1683 for more information.

## NAWS exhibits at Josh's Spring Fair

China Lake will be represented by three exhibits at Josh's Spring Fair this year. In addition to an exhibit by the Pacific Ranges and Facilities Department, there will be an exhibit by the NAWS Land Use Management Office on the Land Use Management Plan currently being developed and its related Environmental Impact Statement, and the Environmental Project Office, showing some of the archeological finds in the new petroglyph sites discovered earlier this year.

The exhibits will be set up in Mesquite Hall from Thursday through Sunday (May 14-17). Fair hours are 5 to 11 p.m. on Thursday; 5 p.m. to midnight on Friday; noon to midnight on Saturday; and noon to 10 p.m. on Sunday.

Costs to enter the fairgrounds are \$2 for adults 65 and over; \$4 for people 13 and over; \$2 for children 5 to 12; and \$3 for military personnel with their green ID card. Children 4 and under are free.

## Pages From The Past

May 6 & 13, 1988

Dr. Terrell Vanderah and Dr. Daniel Harris each received a Technical Director's Award. . . . Charlie May received a Navy Meritorious Civilian Service Award. . . . Cleve Cooper is the new head of the Security Division. . . . Dr. Carl Austin, head Geothermal Program Office, receives the LAFEB Chairman's Special Award.

May 5 & 12, 1978

Leroy O'Laughlin chosen for the post of deputy fire chief. . . . RADM. William L. Harris, NWC commander, to speak at Navy League installation. . . . Martin Pallas, motor vehicle operator, receives 30-year federal service pin. . . . Joseph A. Mosko receives the Public Employees Educational Self-development Award. . . . Robert E. Preul, electronics technician, is the spotlighted employee.

May 10 & 17, 1968

Robert Sewell, Weapons Systems Analysis Division, receives NWC's Superior Accomplishment Award for service in Viet Nam. . . . Dan Brown, general engineer, wins Toastmasters Club contest. . . . More than \$20,000 received from T.V. Booster fund drive. . . . Exhibition of some of the latest research and development projects underway are in Michelson Lab for Armed Forces Day visitors.

May 17 & 23, 1958

Chuck Mangold is Station's new Athletic Director. . . . Seventy business, professionals and vocational consultants from Station and Indian Wells Valley are at Burroughs High School for a two-day Career Conference for seniors. . . . China Lake Players to present "Medicine Show."

May 8 & 12, 1948

Station laboratory dedicated to Navy physicist, Dr. Albert Abraham Michelson. . . Assistant Secretary of the Navy for Air, the Honorable John Nicholas Brown, to be the principal speaker at laboratory dedication. . . . Dr. Charles C. Lauritsen, physicist, receives Medal for Merit from California Institute of Technology. . . . Navy robot plane flies 1,500 miles per hour; may range for several thousand miles.

# KIEFFE & SONS FORD

We're selling too many new cars & trucks and taking in toooooo many nice trade ins. We have over 100 ready to sell used vehicles! We're running out of places to park, so if you want an outstanding value on a late model car or truck come on in and see us!



### 1997 TAURUS GL

V-6, auto, air, cassette, tilt, cruise & more! #171920

Kelley Blue Book \$14,875 No Bull Price **\$12,997**



### 1997 MERCURY SABLE

V-6, auto, air, cassette, power seat, ABS & more! #44098

Kelley Blue Book \$16,350 No Bull Price **\$13,997**



### 1997 THUNDERBIRD

Moon roof, ABS, alloy wheels, air, cassette & more! #331708

Kelley Blue Book \$16,225 No Bull Price **\$12,997**



### 1997 ASPIRE 2DR

4cyl, 5spd, am/fm, cassette, air cond. & more! #11321

Kelley Blue Book \$8,575 No Bull Price **\$6,995**



### 1996 LINCOLN CONTINENTAL

V-8, leather, cd changer, prem. sound & more! #10314

Kelley Blue Book \$29,815 No Bull Price **\$21,997**



### 1996 THUNDERBIRD LX

V-6, auto, air, cassette, alloy wheels & more! #78705

Kelley Blue Book \$13,600 No Bull Price **\$9,900**

## ALWAYS DOZENS OF LATE MODEL TRUCKS AT THE TRUCK STOP



### 1997 MERCURY MOUNTAINEER 4X4

V-8, auto, leather, power group, alloy wheels & more! #24585

Kelley Blue Book \$28,760 No Bull Price **\$23,900**



### 1997 F-150

6cyl, 5spd, air cond., cassette, alloy wheels & more! #470185

Kelley Blue Book \$16,130 No Bull Price **\$14,497**



### 1996 AEROSTAR XLT

V-6, auto, air, cassette, 7pass. & more! #69931

Kelley Blue Book \$15,815 No Bull Price **\$12,996**



### 1996 MERCURY VILLAGER

V-6, auto, dual a/c, p/seat, full power, tow pkg & more! #13443

Kelley Blue Book \$19,330 No Bull Price **\$14,996**



### 1996 EXPLORER XLT 4X4

4.0l, V-6, auto, air, cassette, ABS, alloy wheels & more! #23951

Kelley Blue Book \$25,380 No Bull Price **\$20,996**



### 1995 AEROSTAR EXTENDED LENGTH

V-6, auto, dual a/c, tilt, cruise, cassette, privacy glass & more!

Kelley Blue Book \$17,160 No Bull Price **\$14,900**

**1-805-256-2811**  
SIERRA HWY.  
ROSAMOND

\* All prices plus doc fee, tax & lic. All vehicles subject prior to sale. Priced good through May 21, 1998.



**1-805-824-2477**  
SIERRA HWY.  
MOJAVE  
KIEFFORD@HUGHES.NET

## HSW from Page 9

weapon. A unique aspect of the Navy programs is that their goal is a single hypersonic strike weapon that will be launchable from air, surface and subsurface platforms. "This is a first-time collaboration between these three communities to develop a common weapon system for time-critical and deeply buried targets," notes Lyda. "It will result in tremendously increased operations effectiveness as well as life-cycle cost saving."

The HSW Thrust's Integration IPT, led by Mark Reynolds, is investigating the issues associated with weapon/platform integration as well as with integration of the weapon into the overall battlespace plan.

DARPA is engaged in hypersonic weapon activities through a program called the Affordable Rapid Response Missile Development (ARRMD). Emphasizing multiple launch platforms and the use of off-board sensors, ARRMD is envisioned as a multiservice weapon.

Air Force programs at Wright-Patterson and Eglin Air Force Bases are also investigating hypersonic weapons. NAWCWPNS HSW Thrust personnel have been talking with Air Force representatives in prepara-

tion for the development of a memorandum of agreement to formalize a cross-service, coordinated approach to hypersonics.

"Coordination and communication are critical," says Lyda. "We need to eliminate duplicative efforts but at the same time give fair consideration to service-unique requirements."

**New challenges in technology**

Hypersonics brings new challenges to the weapon designer. Areas that require concerted research and development are airframe design, propulsion, guidance and control, and fuzing. Systems and components must be able to withstand high acceleration loads and high altitudes (typically above 70,000 feet).

Aerothermic heating, caused by the friction of air passing the weapon body, is one area of intensive research. At Mach 4, as the hypersonic weapon passes through the lower atmosphere in the terminal phase of its flight, its surface reaches about 1,200 degrees Fahrenheit. This level is within the tolerance range of new titanium and inconel materials. At Mach 6, however, the surface temperatures exceed 2,800 F and at Mach 8 over 5,600 F; skin materials, as well as internal temperature control,

become a much larger issue.

The most concentrated effort in hypersonics to date was NASA's National Aerospace Plane (NASP) program, which began in the 1980s. Although the program was terminated in 1996, billions of dollars of research and development yielded major improvements in hypersonics technology. NASA is still involved in hypersonics with the Hyper X program, which will demonstrate hydrogen-fueled air-breathing engine technologies.

**New requirements for testing**

As hypersonic weapons mature, they will require thorough testing at each development stage. NAWCWPNS already possesses a variety of facilities, such as the Aeroheat Test Facility (T-Range), for component testing. As in the current analysis and research efforts, complementary organizations and facilities at NAWCAD and various Air Force and Army installations will also be major participants in the test programs.

Flight-testing hypersonic weapons calls for unique range capabilities. Because of the high speed and high operational altitudes, the weapons could create a large sonic-boom footprint. NAWCWPNS' Sea

Range and Land Range can accommodate these tests, and negotiations are under way with the FAA to establish a special hypersonic corridor between the two ranges.

**A major contribution to the new warrior's arsenal**

When fielded, the hypersonic strike weapon will have a major positive impact on battlespace management. The weapon's greatly decreased time-to-target will give the command, control, communications, computers and intelligence (C4I) components more time to search for and identify time-critical threats.

Powerful kinetic penetrators will defeat the enemy's tactic of burrowing deeper or building stronger bunkers. And the ability to take out threat weapons before they are launched will increase U.S. and allied survivability.

Helping to bring about a hypersonic strike capability is the primary goal of the HSW Strategic Thrust team. Through communication, coordination and networking with the entire hypersonics community, the team is striving to make the hypersonic strike weapon a reality: efficiently, cost effectively — and soon.

The Institute of Electrical and Electronics Engineers (IEEE) will present a lunchtime talk on "Battlespace Engineering Strategic Thrust Efforts" by Matt Anderson, head of the Avionics Department in the back room of El Charro Avitia in Ridgecrest, Wednesday, May 20, at 11:30 a.m. Lunch will be ordered from the menu. Contact Bob McGahern at 939-1443.

####

Friday and Saturday, May 22 and 23, from 8 a.m. to 2 p.m., St. Ann's Parish will host a sale to benefit orphans of Bosnia.

####

Pat Farris, publisher of the *News Review*, will speak to the RidgeWriters about types of writing needed for a newspaper and some of her unusual experiences. Farris will speak on Thursday, May 28, at 7 p.m., at the Maturango Museum. Call 375-6046.

## Fly-in

## Weapons symposium showcases new capabilities to fleet aviators at Naval Weapons Test Squadron

By Keith Becker  
NWTS PAO

On May 6, 7 and 8 the Naval Weapons Test Squadron (NWTS) "Dust Devils" at China Lake hosted the 1998 Developmental Weapons Symposium. Navy and Marine aviators from across the country participated in the event, as well as local civilian and military personnel.

Capt. Dane Swanson, commanding officer of NWTS stated, "We needed to do something to publicize what is presently being done at China Lake in development of weapons systems."

"We felt that involving those who actually use our products would have more of a direct effect on our future than just showcasing our capabilities in various publications." He went on to say, "Many of the participants are either in positions to make decisions regarding our weapons, or will be in the very near future."

LCdr. Dick Manski, who coordinated the event, stated, "We learned a lot from our first symposium last fall that helped in this effort. There was a tremendous amount of teamwork between military and civilians that was the main reason things went so smoothly. I want to thank everyone for the cooperation and assistance they provided. Many people contributed much of their own personal time to make this a success."

During the symposium, attendees were familiarized with weapons programs at China Lake through visual and audio displays in Hangar 3, technical briefings, actual demonstration flights of weapons systems and tours of facilities, including, F/A-18 Weapons Systems Support Activity, Weapons Survivability

Laboratory, Echo Range and the Simulation Lab.

The west bay of Hangar 3 was used for static displays of weapons development programs and related facilities with subject experts available to answer questions and present information. Displays included hardware and software on the Pacific Range and Facilities, HUUMV(ATIMS), JSOW, JDAM DAMASK, Rapid Targeting System, Crew Systems, A-6 and A-7 FMS, AIM-9X, F/A-18 Instrumentation, China Lake Propulsion Lab, Telemetry, Russian radar equipment, Combat ID, SLAM/Harpoon, JHMCS, Global Positioning System, survivability and the Tailhook Association.

An overview brief on Developmental Testing/Operational Testing was given by NWTS Chief Test Pilot Cdr. Bob Rutherford, followed by technical briefs on AH-1, AV-8B, F/A-18, JDAM, DAMASK, JSOW, Hypersonic FASTHAWK, Pacific Ranges, ATARS, SLAM ER, AMRAAM, AIM-9X, JHMCS, Combat ID, Real-Time-Info-to-the-Cockpit, HARM and EA-6B. One participant commented, "The briefs were right on target and dealt with information that was immediately useful."

One of the highlights of the event was a luncheon on Friday for local officials and dignitaries hosted by NWTS. It was part of a continuous effort by Swanson to improve the relations between the community and China Lake and to let them know that we are involved in marketing our products and services to the outside world.

Some of the "VIPs" from Ridgecrest who took time out from their busy schedules to attend included Supervisor Jon McQuiston, Mayor Bill Lator, Dr. April Jones, Bill Porter, Dr. and Mrs. Hal



Photo by Barry McDonald

**VISITORS**—Fifth graders from Richmond School toured the airfield last Thursday.

Bennett, Les Hill, Jim Lewis, Bud Biery, David Mechtenberg, Mike Metty, Dr. Jack Nebb, Steve Davis, Larry Smith and Jim Merizan, to name a few. Swanson addressed the group, along with comments from Sandy Rogers, head of the Pacific Ranges and Facilities Department.

"Sandy Rogers is not only a staunch supporter of NWTS," said Swanson, "but he works very hard in marketing the

capabilities of China Lake."

A survey taken from participants indicated that the event was very successful and accomplished its objectives of publicizing China Lake's capabilities, improving fleet support of developmental testing efforts, energizing and increasing the morale of our people.

And, Swanson said, it opens the line of communication between fleet personnel and field activities.

## COMMUNITY EVENTS

## ROCKETEER CLASSIFIEDS

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

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

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged (pre-paid), PER ISSUE, as follows:  
1-20 Words.....\$2.00 Flat  
Each additional word after 20 words.....10¢ each

CLASSIFICATIONS  
PERSONALS.....1  
LOST & FOUND.....5  
HELP WANTED.....10  
CHURCHES.....12  
SERVICES/SCHOOLS.....15  
RENTALS.....20  
REAL ESTATE.....25  
BUSINESSES.....30  
AUTOMOTIVE.....35  
MISC. FOR SALE.....40  
WANTED TO BUY.....42  
PETS & SUPPLIES.....45  
GARAGE SALES.....50

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

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

## 1 PERSONALS

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

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

Wanted - Van pool riders from Weldon to NAWTS China Lake. \$80/mo. 378-3342 (TFN)

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

## 15 SERVICES/SCHOOLS

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

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

Aerobics Instructors: Would you like to be an aerobics instructor? Cert. classes will be held 6/6 & 6/7. For more information please contact Sheri at SASS, 114 N. Balsam or call 375-1003. (5/14)

TV-VCR REPAIR. 50 years experience. Work guaranteed. FREE ESTIMATE. 1425 N. Sierra View. 446-0916. (5/28)

Classifieds Get Results!

## 20 RENTALS

MAMMOTH AREA RENTAL: 4BR 2BA house 28 mobile with laundry room, storage, maid service. Great rates 436-4870. (TFN)

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

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

Convenient to Base & Inyokern Airport. Quiet guest quarters, furnished for your comfort. Low rates Daily, Weekly, Monthly. Alien's Mountain View Motel. 446-4810. (5/14)

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

\$325. GREAT NEIGHBORHOOD. 2 bdrm, near back gate, refrigerator, dishwasher, fenced yard, water paid. 446-4810 (5/14)

\$525 Cute 3 bdrm, 2 bath, garage, fenced yard, water paid, no pets. 446-4810 (5/14)

\$555 Charming 4 bdrm, 2 full baths, 1/2 acre, water paid, new carpet. No Pets. 446-4810. (5/14)

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

## 25 REAL ESTATE

MOBILE HOMES for sale or rent in the nicest park in Ridgecrest. Close to base and shopping, rent \$400 and up plus utilities, sale \$29,900 and up for homes. Arrowhead. 446-2796. (TFN)

2 1/2 ACRES, well and power in, A-1 Agriculture, Weldon. \$29,900 Also 2 1/2 acres, \$19,000. (760) 378-3342. (TFN)

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

COLLEGE HEIGHTS: 200 W. Cleo Ave., 4 bedroom, 2.5 baths, 2380 square feet, 3 years new, north corner lot, 3-car fully finished garage, block wall, front & rear landscaping, auto sprinklers, pool, magnificent views. 3% to agent. Must Sell. \$188,000. 384-1537. (5/11)

\$1,500 TO ASSUME AND MOVE INTO A BEAUTIFUL DEETER HOME. Drive by and see! 413 Pop St. Please call 446-5969 for a walk thru. (5/28)

ASSUMABLE - Moving, must sell. 1288 sq ft, 3br 2ba. Landscaped front and back. 604 Sherwood Court. 384-2181(5/28)

## 35 AUTOMOTIVE

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

88 MAZDA RX-7 SE. Air conditioning, cruise, 5 speed, sun roof, low miles, excellent condition, \$5,000 OBO. (760) 375-7597. (TFN)

95 HONDA PASSPORT, V-6, 24 valve, automatic, air conditioning, \$19,900. 375-0307. (TFN)

92 MAZDA MVP, Auto, Power steering, power mirror, tilt wheel, low mileage. Asking \$13,500 OBO. 446-1447, or pager 1-888-863-4164. (TFN)

## 40 MISC. FOR SALE

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

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

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

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

Small Microwave, hockey gear, roller blades, basket ball hoop for garage. 371-1029 (TFN)

GOLF CLUBS - NEW Men's RH stainless steel "woods" - 1, 3, 5, 7 Graphite shafts. Heads, latest contour design. Used 3 months. \$170 OBO. 375-2418 (TFN)

KENMORE Extra Capacity Washer and Dryer, 3yrs old, xint cond. \$500/set OBO. 446-0040. (TFN)

## 42 WANTED TO BUY

WANTED TO BUY - Cruise Type Motorcycle. Must be MINT CONDITION. (760) 378-3146 (5-28)

## 50 GARAGE SALES

5 FAMILY GARAGE SALE - 430 Ashworth Pl. Fri 5/15 & Sat 5/16, 7am-1pm. LOTS of baby stuff, furn, misc. (5-14)

Let The Rocketeer Classifieds Work For You! Call 375-4481 To Place Your Ad.

## CL participates in Polish military-to-military visit through JCTP

**OUTREACH**—Members of Poland's military were at China Lake last week as part of the Joint Contact Team Program. This program provides essential infrastructure information to Central European militaries while presenting United States forces as a positive role model of a capable military under effective civilian control. Meeting with Cdr. John Kindred, host and escort (far left), and NWTS CO Capt. Dane Swanson (third from right) were Col., D.Sc. Ryszard Omasta, Lt.Col., D.Sc. Leszek Loroch, Maj. Antoni Palczak, Maj., M.Sc. Tadeusz Zaworski, Col., M.Sc. Zbigniew Uchman and Cdr. David Sgro, JCTP liaison team, CINCUSNAVEUR.



Photo by Barry McDonald

# Chapel Call

By Lt. C. Allan Ford  
Assistant Command Chaplain

## Good night John Boy



Some years back a TV program aired by the name of "The Waltons," and at the very end of the program the family would say their good-nights to each other. As I write this article for *The Rocketeer*, this will be my last article. In this article I will be saying my good-byes and thanks to all whom I have come to know and love during my three and a half years at China Lake.

Being the chaplain on Station is like being a small town pastor; you get to know everyone, and you try to help everyone. I will never have a tour like this again. It is very hard for me to say goodbye to all of you who are my friends.

I would like to first thank the Protestant congregation of All Faith Chapel who, on the very first Sunday of this tour for my family and me, took us in as family. You have loved us and have blessed us, and I can proudly say that I have grown spiritually and physically because of your love. The growing in the physical area was due to your great potlucks and to some chocolate pies. You folks are "AWESOME."

Next I would like to thank the other three congregations that make up All Faith Chapel. Thank you for your friendship, prayers and love. You too have blessed my life and made me a stronger and knowledgeable chaplain. To all of the military stationed at China Lake, thank you for allowing me to be your chaplain. In a recruiting

slogan it says, "It's not a job, but it's an adventure."

Thanks for allowing me to have fun in a very demanding job. A very special thanks to the flight crews and ground crews that had to help me out of the cockpits when the pilots had a little too much fun with me in the air.

To all of the churches in Ridgecrest, thank you for inviting me to be a part of your church's life. Keep doing God's work, and never lose the faith. God bless your churches.

Now to my civilian friends who work on Station. Thank you for letting me be your chaplain. You have taught me much about this unique base, and I am now a better chaplain for it.

My last thank-you is to God. God has brought me to China Lake for many reasons, some I know about right now, but others will come in my future.

I feel the main reason was so I could be loved by a great and awesome community of folks. Thank you God for sharing China Lake with me.

China Lake, I say to you thank you for this awesome tour. Thank you and good bye. Oh yes, "Good night John Boy."

*Editor's note:*  
(Chaplain Ford's farewell party will be held on Sunday, June 7. Call 446-3928 or 939-2873 for more information.)

## Housing urges safety in work zones

Work began last week to relocate tot lots from the Capehart B area to the open field that separates the SOQs and Capehart A housing. Under the same contract, contractors will be removing some of the power poles in that field.

A portion of Nimitz Avenue (between Leyte and Blueridge) and Kelly Road will be demolished and graded. This is the first step in a large scale make-over of that area. The Resident Officer-in-Charge of Construction Office encourages residents to observe warning signs, and be aware that construction will be taking place.

Parents should warn their children not to cross through the open fields inside of the new park area (bounded by Kearsarge, Leyte, Blue Ridge and Lexington), as this is a construction zone. The contractor will put up signs and warning tape to make the area clear to pedestrians.

As heavy machinery will be used, there exists a significant safety hazard. We must ask that tenants avoid using the existing tot lot on the corner of Blue Ridge and Nimitz until the area is no longer a part of the construction zone. Please direct any questions to the Housing Office at 939-4449.

## Clinic under new command



Photo by Kathi Ramont

**REALIGNMENT**—On a beautiful morning, April 27, China Lake's Branch Medical Clinic officially realigned its organization with Naval Hospital Twenty-Nine Palms at a ceremony held in front of the clinic. As 50 state flags rippled in the breeze, Branch Medical Clinic Officer-in-Charge LCDR. Paul Connor (right) turned his 65-personnel clinic command over to Capt. Robert S. Kayler, CO, Naval Hospital Twenty-Nine Palms Medical Service Corps. MGen. Ronald G. Richard (center), commanding general, Marine Corps Air Ground Combat Center Twenty-Nine Palms, was guest speaker.

## FSC Happenings

### Upcoming classes

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

May 19, 3-5 p.m., **Sound Financial Management.** This seminar is designed to help you prepare and achieve a financially secure future. This practical knowledge will enable you to confidently determine the best course of action for you and your family. Call Karen at 939-1018 to register.

May 19, 5-8 p.m., **Introduction to the Internet.** This class includes a history of the "net," terminology, basic surfing principles and available net resources. Call ANNETte at 927-3786 to register. Military and family members only.

May 20, 3-5 p.m., **Making the Most of**

**Your Credit.** Establishing a good credit history or recovering from a damaged credit history is vital to a successful financial future. Learn to avoid costly mistakes, and feel confident that you are making wise credit decisions by attending this seminar. Call Karen at 939-1018.

May 27, 1 p.m., **DANTES Testing.** Call Joan at 939-0966 for information.

May 27, 3-5 p.m., **ABC's of Home Buying and Selling.** Buying or selling a home is probably the largest investment or sale you will ever undertake in your life. Learn about analyzing your needs; locating property; making and accepting offers; types of financing available; and understanding mortgage contracts and closing costs.

Call Karen at 939-1018 to register.

## All Faith Chapel Services

### Protestant

Men's Prayer Breakfast, East Wing, Thursday 6:00 a.m.  
Sunday School, Sept. - May, Bldg. 02298, Richmond at Blandy 9:00 a.m.  
Sunday Worship Service, Main Chapel 10:30 a.m.  
Bible Study (East Wing), Sept. - June, Wednesday 11:30 a.m.  
Youth Ministry, 1907 Mitscher, Sunday 2-3:30 p.m.  
Adult Bible Study, East Wing, Thursday 7:00 p.m.

**Jewish** (371-9478 Messages)  
Weekly Services, Friday, Small Chapel 7:30 p.m.  
Hebrew Classes, Oct. - June, Saturday, Bldg. 02298, Richmond at Blandy 2-5 p.m.  
Religious School, Sept. - June, Sunday, Bldg. 02298, Richmond at Blandy 8:30-10:30 a.m.

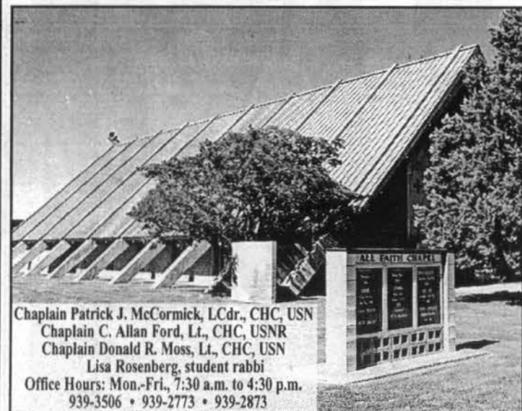
### Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.  
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.  
Confessions, Sundays 8-8:30 a.m.  
Confessions, Weekdays By appointment  
Religious Education Classes, Sept. - May, Sunday, Bldg. 02298, Richmond at Blandy 10:30 a.m.

### Islamic

Jumaa Prayer, Friday Bldg. 02298, Richmond at Blandy 1 p.m.

Equipment for the hearing impaired and nursery are available



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

# Leisure Lines

Quality of Life Department, Naval Air Weapons Station, China Lake, CA

## MTV Comes Tomorrow

Magnificent Teen Variety Showcase that is! Friday, May 15, 7:00 p.m. Variety Talent Show includes, comedy, drama skits, music instrument solos, music singing solos or groups, and bands by local youth 13-19 years of age.

## Be a Leader! Leaders in Training Student Volunteer Program

- Young adults (12-15 years) or 7th-9th grades.
- Interview for work.
- Learn valuable work experience
- Volunteer hours exchanged for valuable MWR services, i.e., bowling, swimming, golf, Castle X Teen Center memberships, trips, parties, etc.
- Program begins June 15-August 7.
- Call 939-6884 today!
- Sign-up at Castle X.

## Discover Karate or Jujitsu

Youth Activities offers karate classes for ages 10 to adult on Mondays and Wednesdays and Jujitsu on Tuesdays and Thursdays for 8 years to adult. Classes are on-going for military, DoD and community. Call 939-6884 today!

## When You Care About Your Pet

Don't miss a golden opportunity to keep your pets safe and healthy at reduced savings! Well Animal Clinic is for small domestic pets of active duty military, retirees and their family members. Sign-up today for June 4 clinic at Craftech. Space is limited. For safety, children (under 12) are not permitted in clinic. For details, call 939-3252.

## Did You Know That...

Channel 17, Navy TV Channel, moved to Channel 20?  
or...  
Auto Hobby Paint Booth Now Open for Vehicle, Wood or Metal Projects. No item too big or too small!

## China Lake Hosts Boot Camp

### Executive Boot Camp II

Begins Monday, June 1 through September 18, 6:30-7:30 p.m. at the Sports and Fitness Complex. Incentive program designed to challenge yourself to a realistic goal of losing body fat and increasing lean body mass. Staff take your body fat or circumference measurements 3 times during 14 weeks. Kickoff seminar covering motivation, staying on track, setting goals and basic fitness training is June 1 at 6:30 p.m. During the 14 weeks, boot campers are able to attend free fitness workshops. Fee: Military-\$15 DoD-\$20 and Community-\$25. Register by May 22. Limited to first 100 customers. Contact Loy Vincent, 939-2841 or 939-6542.

## Century Club

Join the newest fitness club at China Lake! Program runs from June 1-September 26. Tell Sports staff your run, bike, swim distance, and/or weight room time, and we track it for you. Running/Jogging distances accumulated in the Loft area can be used for this program. If you meet minimum goals you receive a specially designed workout t-shirt. Sign-up during normal business hours at the Sports & Fitness Complex. Call Loy Vincent, 939-2841 or 939-6542.

## Are You up to the Challenge?

"B" Mountain Challenge is set for June 6, 6:30 p.m. Come join the excitement of racing on your mountain bike. Awards and refreshments for all. Course length is 2.2 miles. Event for all ages. For details, or registration, call Michelle Archuleta at 939-2334.

## Learn from the Best!

**Cal State Northridge Softball Camp**  
Coaching staff from Cal State University come to China Lake Sunday, June 7 to teach a one day coach and player softball clinic for boys and girls ages 7-18 from 9:45 a.m. to 2:00 p.m. Northridge is a Division I National softball powerhouse and is coming to share their knowledge, skills and sportsmanship. Register by June 1 at Castle X. Call Teresa at 939-6884 or 927-8336.



## Russ Freeman & the Rippingtons Hiroshima • Yellowjackets • Norman Brown

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

Thursday, May 21	Friday, May 22	Saturday, May 23
Free Entertainment for Everyone	12:00 p.m., Hiroshima	12:00 p.m., Yellowjackets
5:45 p.m., Zydeco Blues Patrol	2:45 p.m., Navy Nautilus	2:45 p.m., Doo-Wah Riders
7:45 p.m., Navy Nautilus	5:45 p.m., Jazz Junkies	5:45 p.m., Freddie Brooks
9:45 p.m., Midwest Coast	7:45 p.m., Blue by Nature	7:45 p.m., Groove Therapy
	9:45 p.m., Russ Freeman & the Rippingtons	9:45 p.m., Norman Brown

**AT THE DOOR**

	Individual	Family (2 adults, 2 children under 15)
2 Day Pass	\$22	\$45
1 Day Pass	\$13	\$25

**Ticket Outlets:**  
Wreck Center (760) 939-8660  
Texas Cattle Co. (760) 446-6602 • Carriage Inn (760) 446-7910  
Concert Site

Contacts • (760) 939-2010  
alonzie\_scott@imgdw.chinalake.navy.mil  
charmaine\_haaland@imgdw.chinalake.navy.mil  
Show goes, rain or shine. Tickets are nonrefundable and not replaceable due to theft or loss. No Coolers.

**TICKETS ON SALE. GET YOURS TODAY!**

## Good Times & Trips Unfold!

<p><b>MAVERICK'S</b> July 5 Hard Ball Cafe Maverick's Baseball Stadium Fee for transportation and food Military-\$15 DoD-\$17</p>	<p><b>HURRICANE HARBOR</b> July 22 • August 24 Price for ticket and transportation. Bring spending money. Military-\$20 DoD-\$23</p>	<p><b>MEDIEVAL TIMES</b> August 13 Leave-Noon Price includes transportation, dinner, beverages and show. Military-\$34 DoD-\$36</p>
---	--	---

Sign-up at Wreck Center ITT no later than 2 days prior to trip. Call 939-8660.

# Look for Sierra View

## Magazine

### SUNDAY, MAY 31<sup>st</sup>



Only in



# THE DAILY Independent

Featuring Fascinating stories and articles about life in the high desert and Eastern Sierras.

## Karen Higgins ready to take on challenges of WD's executive director

By Kathi Ramont  
Associate Editor

All-hands meetings scheduled for the Station Auditorium on Friday, June 5, retiring Weapons Division Executive Director Sterling will introduce his replacement, Dr. Karen Higgins, current head of the Weapons/Targets Department, to the China Lake work force. Haaland is set to retire July 2.

"The job itself is unique because it's double hatted," Higgins explained recently. "The executive director is responsible for the business health of NAWCWPNS, and the other part of the job is the director of the Research and Engineering Competency. That means national involvement, and it involves teamwork with the Aircraft Division. It's interesting in that it integrates what are sometimes two pieces that may have different goals, but by putting those roles into one person, I think it helps integrate the thought process and priorities and help resolve some conflicts."

Higgins said she has established objectives to secure the Weapons Division's future — people and their skills; unity with the other Weapons Division sites; teaming with other Department of Defense sites and private industry; open communication with employees; and a sound business strategy.

"I'm a very positive, optimistic person, and I see so much potential as we move into the future. We have a real wealth of capa-

bilities, both in our people and our facilities, and with the size of our land and sea ranges.

"People are NAWCWPNS number one resource," she said. "Their skills will help define where the Division is heading. Their contribution to the future is critical. Unity is also important, because we must speak as one voice with common objectives."

Higgins said the Weapons Division needs to look beyond China Lake and Point Mugu. "When setting goals and looking to do business, our other Navy facilities — White Sands, Albuquerque, NAVAIR and the Training System Division in Orlando, must all be included in the overall plan." She also stressed the importance of working with the other services.

"We've also got to have a clear strategy," she said. "I see us reorienting and refocusing ourselves to be a little more flexible, and to grow as the environment changes so we maintain our close connections with the warfighter. We must continue to provide value to stabilize our business base."

She added, "I think I have a really good sense of where we ought to be going and how we're going to get there. We'll be growing by focusing more on the system level in weapons and weapons integration programs. We play a critical role in how we fit within the system we fit in — we need to be the key players in our future. Defense hasn't changed so much since the 1920s. We're in the midst of this change, and I find this is an exciting time."

Higgins plans to hold a series of all-hands meetings in which to not only talk about financial status, but what new things are going on and what successes the Division's had. "There's a lot of progress. A lot of people are working very hard establishing new business, increasing our profile in existing programs. We know there are down-turned programs, but they are cycle-oriented, this is the environment. This doesn't mean there aren't new things going on, because there are."

Higgins said we've (the Division) got to make sure people are trained and skilled in

order to meet these new challenges. "As we grow and change each individual needs to take stock of their particular skills and expertise and be saying "Where are we going? Where am I going? And move to that end."

Higgins holds a bachelor's of science degree in math and a master's degree in electronic engineering from the University of Idaho. She earned a master's degree in business administration and earned her Ph.D in executive management from the Claremont Graduate School. She became a member of the Senior Executive Service in 1997.

She came to the Naval Weapons Center as a junior professional in 1973, starting as a software engineer for various electronic warfare programs. "I wanted to serve my country," she said about her government service. "I feel I have something to offer and I want to give my energies in a positive way."

Higgins has been the recipient of the Dr. Manual Garcia Memorial Award, an EEO Recognition Award, Federal Women's Award in both 1977 and 1980, a Technical Director's Award and the Michelson Laboratory Award.

"I'm excited and pleased, and I'm really anxious to get started," she said with a big smile. China Lake competencies 3.0, 4.0 and 8.0 are scheduled to attend the all-hands meeting from 8:30 to 9:30 a.m. and competencies 2.0, 5.0 and 7.0 are scheduled from 10 to 11 a.m.



Karen Higgins

**SCION SYSTEMS**

- Electronic Engineering Support
- Prototype Assembly and Manufacturing Capabilities
- Printed Circuit Board Layout and Fabrication
- Credit Cards Accepted

Come See Our Site  
www.scion-systems.com  
456 E. Hartley • Ridgecrest • (760) 375-5596

**Across Town Or Across Country**

Truck Rental Center.  
Moving Supplies and Boxes.

**Silers Moving Center**  
309 W. Ridgecrest Blvd • 371-1653

**Spring RV Show & Sale**

**RIDGECREST**  
May 15 & 16  
10 am-6 pm  
May 17  
11 am-4 pm  
Wal-Mart Parking Lot  
911 S. China Lake Blvd.

**NO MONEY DOWN  
UP TO 100% FINANCING!**

Premier Rates\* as low as... **7.99% APR\*\***

Each Approved Loan will receive a **FREE GIFT & have a chance to WIN 1 of 2 \$150 MOBIL GO GAS CARDS!**

Maximum Financing may vary as determined by your individual credit profile. Rates are as low as the Premier Rates & your individual rate may be higher as determined by your individual credit profile. \*\* 7.99% Annual Percentage Rate is available for New or Current Year Used up to 100% Financing, up to 144 months maximum term. Includes Sales Tax, Title Fees and Warranties/Service Contracts. Purchase Order must be dated May 13th through May 29th, 1998. Rates held through June 30, 1998 for RVs on order from manufacturer with Purchase Order dated 05/13/98 through 05/29/98. Applications through P.A.L. or Internet DO NOT receive discount on this special rate. All loans subject to approved credit. Other rates & terms available. † See NWCCFCU for details.

**NWC COMMUNITY FEDERAL CREDIT UNION** "The Communities' Choice" Established 1947

4 Locations in Ridgecrest • 371-7000

• Corporate - 701 S. China Lake Blvd. • Ridgecrest - 1323 N. Norma St. Web Site Address: www.nwccfcu.org  
• China Lake - 1115 King Ave. • Stater Bros. - 800 N. China Lake Blvd.

**The Headlines:**

**Changes to Base Housing Affects E-6's & Above...**

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

**Guild MORTGAGE COMPANY**  
**(760) 375-8724** 330 E. Ridgecrest Blvd., #B  
Ridgecrest, CA 93555

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

MUSICFEST from Page 1

throughout the United States and abroad.

Hiroshima

Hiroshima will lead off the Friday entertainment at noon. "There's a real passion, emotional strength and a certain sensuality in the music we've made," said Dan Kuramoto, leader and founder of Hiroshima. "There's an energy, a freshness, and the kind of commitment and love for music that brought us together in the first place."

With seven best-selling albums to their credit, this seven-member multicultural band has created a loyal following among music lovers. "Our newest album, *Hiroshima L.A.* isn't just Japanese music, jazz or R&B," said Kuramoto. "It's a marriage that comes from different cultures and influences we've had." The album features traditional instruments such as the koto, taiko drum and the shakuhachi that Kuramoto says "keeps the group in tune with our ancestors, loved ones who have gone on, and our heritage."

Formed originally in 1979 the group includes Kuramoto (keyboards, synthesizers, sax, flute and shakuhachi); June Okida Hiramoto (koto player); Johnny Mori (taiko drummer); Danny

Yamamoto (drums, percussion and taiko); Dean Cortez (bass); Kimo Cornwell (keyboard); and Teri Koide (vocalist).

The group has performed at many jazz festivals and toured with Miles Davis, James Brown and Joshua Redman.

Jazz Junkies

Described by reviewers as "highly skilled practitioners of contemporary eclecticism," the Jazz Junkies are a Southern California instrumental group scheduled for Friday at 5:45 p.m. The musicians who comprise the Jazz Junkies are Mark Ferguson, Phil Sanchez, Henry Rodriguez and Art Hernandez. They play traditional and contemporary jazz.

Blue By Nature

This group has been to China Lake before. This time they are scheduled to entertain on Friday at 7:45 p.m. A Southern California band, according to their press information, they are a "leading exponent of a fresh cutting edge blues-based sound that leap-frogs age barriers and delivers a powerful dose of honest passion." They play a guitar driven hybrid American roots music. Karen Lawrence is their lead singer. A songwriter, Lawrence composed the song for

the film "Eyes of Laura Mars," which was sung by Barbra Streisand.

Yellowjackets

Since 1980 the Yellowjackets, a modern jazz quartet, has recorded 13 albums. The group, including Russell Ferrante (keyboards); Jimmy Haslip (bass, shop bass); William Kennedy (drums) and

Bob Mintzer (tenor and soprano saxophones, bass clarinet), won Grammy Awards in 1986 and 1988, and in 1997 they received their ninth Grammy nomination.

Ferrante explained the diversity of musical interests each member brings to the group. "All of us have broad musical



Hiroshima

**1st MONTH FREE** with lease on approved credit

**COZY APTS WARM, FRIENDLY NEIGHBORHOOD!**

Coupon Must Be Presented.

- 1 or 2 Bedroom apts.
- Furnished / Unfurnished • Pool
- Laundry • A/C • Carports • Microwaves

**Ridgecrest Manor I Apts.**  
840 E. Ridgecrest Blvd. • 375-3725

**NEW BIRDS**

Lots to Choose From: Cages, Food & Accessories

**Exotic Tropicals**  
132 Balsam • 371-1177

**Monday Thru Saturday 11:00 - 6:00**  
Closed Sunday & Tuesday

CHECK HOLD 'TIL PAY DAY • CHECK HOLD 'TIL PAY DAY

**GAS \* FOOD \* LIQUOR**

**CHECK CASHING**

• Pay Roll • Unemployment • Disability • Tax Refund • Money Orders • Government • Cashier's Checks • Money Transfer <-> • Wire Money • Welfare • Flat Fee \$1.00 Out of state Checks Cashed

**Checks Cashed**

**1%** ASK US HOW!

PERSONAL CHECK CASH ED • CHECK HOLD 'TIL PAYDAY • PAY DAY LOANS

**Marlboro's \$16.49 a carton "Cheapest Deal In Town!" RAVE-\$9.99**

**BEST DEAL IN TOWN! MILLER BUD • COORS 18 packs \$8.99**

**ADULT ENTERTAINMENT \*\* Super Low Prices \*\* Largest Selection in Town**  
4 Hr. Videos • Toys • Lotions Oils • Dolls • Magazines • Novels • CD-ROM & More Love Materials

Buy 2 videos Get 1 video FREE \$7.99 ea. 1000's of Titles Available

**1-STOP** 1501 N. China Lake Blvd. (1 Block S. of NAW'S Front Gate) Ridgecrest, CA • 619-446-6376 Open From 5:30 a.m. to 2:00 a.m.

**E&J BRANDY 750ML. \$7.99 .TAX • TEQUILA 750ML. \$13.99 .TAX**

VISA • MC • AMEX • DINERS • TRAVELERS CHECKS • ATM W/CASH BACK MONEY ORDERS • WE ACCEPT FOOD STAMPS & MANUFACTURES COUPONS

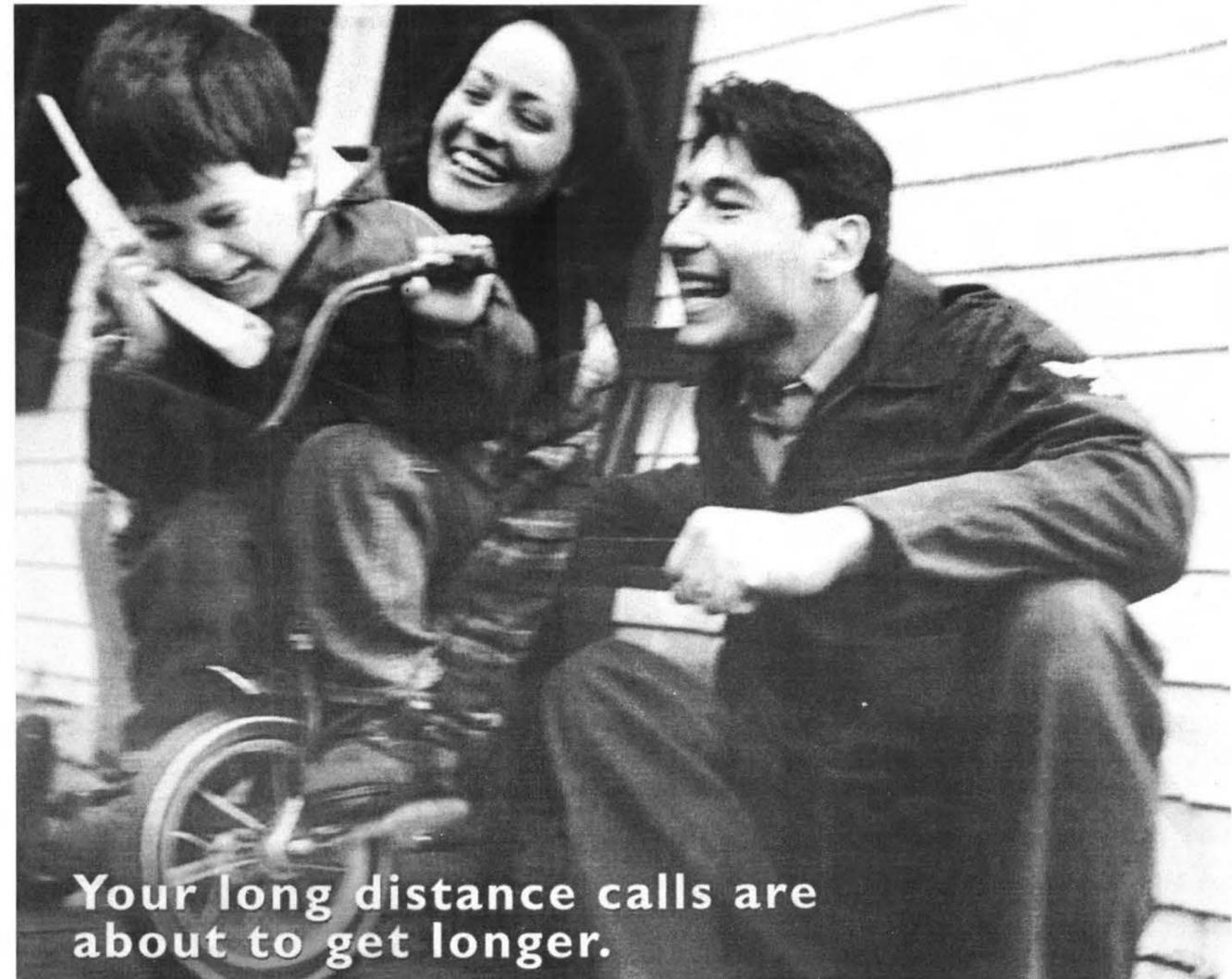
**OVERDUE BILLS?**

Get Debt Consolidation \$2,000 to \$100,000

Reduce Monthly Payments up to 50% (Unsecured debt only.)

**NO APPLICATION FEES**

**1-800-863-9006, ext. 20**



Your long distance calls are about to get longer.

ONE LOW RATE ANYTIME, ANYWHERE WITH THE AT&T ONE RATE PLUS PLAN.

The AT&T One Rate Plus Plan is perfect for military personnel who want to talk a

long time, long distance. Because you pay only 10 cents a minute on calls from

home-to anybody, anytime, anywhere in the U.S. for only \$4.95 a month.\* And you can

also get the CALL ATT<sup>SM</sup> Calling Card to use when you're away from home.\*\* So sign up

for the AT&T One Rate Plus Plan. One low rate, anytime, anywhere in the U.S. It's that simple.

To sign up for the AT&T One Rate Plus Plan, call 1 800 551-3131, ext. 53732.

It's all within your reach.



\*The AT&T One Rate Plus Plan is subject to billing availability. \*\*With the AT&T One Rate Plus Plan, your CALL ATT Calling Card calls billed to your main billed account are 30 cents per minute, with a 30-cent service charge for each calling card call. An additional 35-cent surcharge applies for calls placed from payphones. ©1998 AT&T.

## Exhibit Center now staffed by volunteers of the Museum Foundation

Through an arrangement with the Retired Affairs Office, volunteers from the China Lake Museum Foundation are now staffing the China Lake Exhibit Center — keeping the valuable historical resource open and available to the public.

The Exhibit Center is open on all working days from 10 a.m. to 2 p.m. Groups desiring to visit at other times or on non-work days can make arrangements by calling 939-3105 in advance. Docent volunteers of the Museum Foundation will be available to host groups and provide interpretive services.

Located at the east end of Blandy Avenue in the former Commissioned Officer's Mess (O Club), the Exhibit Center is a museum-class facility for the preservation of the history of the Naval Air Warfare Center Weapons Division and its predecessor organizations.

The Naval Ordnance Test Station, China Lake, was established in 1943 to support the Navy-CalTech wartime rocket program and to be a permanent post-war research, development, test and evaluation facility for aviation ordnance. The Exhibit Center captures the evolution of the

weaponry conceived and developed at China Lake, the culture of the "company town" that was built in this remote area of the Mojave Desert and the spirit of the military-civilian teamwork that prevails to this day.

Dozens of China Lake projects, old and new, are highlighted in the Exhibit Center — from the 5-inch High Velocity Aircraft Rocket and the 11.75-inch Tiny Tim used in World War II to the modern weapons of the Persian Gulf War.

The exhibition galleries contain full-scale models of Shrike and HARM anti-radiation missiles; the various free-fall weapons; the first electro-optical guided weapon, Walleye, and its successor, Maverick; the famous air-to-air Sidewinder; Harpoon; FAE (fuel-air explosive); and many others. Also on display are photographs and memorabilia from President John F. Kennedy's 1963 visit to China Lake to a time-line display showing the development of various weapons systems and major technical facilities, as well as photographs of the early years and many other relics of China Lake's history.

The China Lake Museum Foundation



**HISTORY**—China Lake Exhibit Center houses many replica weapons.

is a non-profit corporation founded in 1993 to assist the Naval Air Weapons Station in the development of an armament museum to house, preserve, exhibit and interpret the heritage of technological achievements of China Lake in particular, but also of the naval aviation armament community as a whole.

The Exhibit Center is an opportune beginning toward meeting this goal. NAWS and NAWCWPNS have endorsed

the foundation's request to the Secretary of the Navy to designate the China Lake Exhibit Center as an official naval museum.

The foundation, through its volunteer program, will assist the Station in providing receptionists and related services. The foundation also operates a gift shop on the premises, offering items of artwork, books, historical tapes, caps, t-shirts and other memorabilia.

## Sign up now for summer CPR and First Aid classes at China Lake

By Dena Christison  
Safety & Occupational Health Specialist

In the event of an emergency, quick and skillful delivery of cardiopulmonary resuscitation (CPR) or first aid could mean the difference between life and death of a family member, friend or co-worker.

Just like it sounds, "first aid" is the first help you give someone who is suddenly sick or injured. In a serious accident or in the event of cardiac arrest, beginning CPR or administering first aid could mean the difference between life and death. By knowing and practicing effective first aid techniques you can also help relieve a victim's pain, help prevent further injury and assist medical personnel that arrive on the scene by giving them vital information about the victim.

Do you know what to do in the event of an emergency? If not, it is probably time for you to register for another class.

The NAWS Safety Office is offering a series of American Red Cross Adult Cardiopulmonary Resuscitation and First Aid classes from June 9 through Aug. 13 at the Safety Office, Building 00465.

Adult CPR classes will be presented on most Tuesday's between the dates specified above. The Adult CPR class can serve as either initial or re-certification in Adult CPR. Topics covered include adult rescue breathing, how to deal with a choking victim and adult CPR.

Total class duration is four hours. Both morning and afternoon sessions are available. Certification received from the American Red Cross is current for one year.

The eight-hour First Aid/CPR Combination Course, includes the Adult

CPR segment with the addition of first aid topics, such as how to deal with bleeding emergencies, wounds and bandaging, splinting fractures, first aid for burns, poisoning, shock, etc. This class also serves as either initial certification or re-certification training. First Aid certification is current for three years. These classes will be held on Wednesday's and Thursday's.

There is no tuition cost for these classes and they are open to all NAWS and NAWCWPNS personnel. Unfortunately, due to a change in contracting procedures, this year the classes are not open to the general community or contractor personnel as they have been in the past. Contractors and other community members should contact the American Red Cross (ARC) Office directly at 939-3208. Other sources of CPR training include Ridgecrest Community Hospital and Cerro Coso Community College.

To sign up for either class:

•Sign-up on-line via the Safety Office Web Site on the NAWCWPNS intranet at <http://vulcan.chinalake.navy.mil/safety>. Click on the Safety icon to get to the Safety Office home page and follow CPR/First Aid sign-up directions given.

•If on-line registration is not available for you, call the Safety Office at 939-2315.

You will become an important part of the emergency care team as you learn the skills to render life-saving care in the event of an emergency. Even if you have been involved in our summer classes in the past, it's time again for that valuable refresher.

Through our annual summer CPR program we have the opportunity to train hundreds of people in these important skills. Don't let this opportunity go by without your participation.

tastes," he said. "No one's a purist. We're all open to pulling from acoustic and electric jazz, classical music and funk. That's what makes us so different from most jazz bands. We rebel at the idea of being categorized. Some people want to believe that acoustic jazz represents the real jazz tradition. But we feel that jazz is made richer as it takes on different musical influences."

They'll perform at noon on Saturday.

### Groove Therapy

Groove Therapy will start their show at 7:45 p.m. on Saturday, May 23. They've performed at Los Angeles clubs since 1992. Their five-piece horn section, funky rhythm section and lead vocalist claim to be reminiscent of such bands as Chicago, Tower of Power and Blood, Sweat and Tears. The band consists of 10 musicians.

They've been the opening act for Average White Band and have performed at state fairs and onboard cruise ships. They've also performed on the Mark and Brian radio show on KLOS several times. Their first album was released in 1994.

### The Rippingtons featuring Russ Freeman

"One of the most exciting experiences for the band in going out on the road," said Russ Freeman, "is meeting people who love our music." This contemporary jazz group will play Saturday, at 9:45 p.m. The core group of Freeman (guitar), Jeff Kashiwa (sax), Kim Stone (bass), Mark Portmann (keyboards), Steve Reid (percussion) and Tony Morales (drums) is complemented by the "sassy" textures of a three-piece horn section (Paul Carmen, Matt Fronke and Wendell Kelly).

Freeman studied music at Cal Arts in Valencia and at UCLA. After the proverbial years of struggling while mastering his composing and studio talents, he released his first solo project in 1985. In 1986 Freeman gathered a bunch of his studio pals for a project he jokingly referred to as Moonlighting, as all the future luminaries involved had more pressing gigs on the side at the time. The name "Rippingtons" was an offshoot of a comment at an early live gig that, "This band rips!"



Norman Brown

### Norman Brown

In a press release for jazz guitarist Norman Brown, who will be the closing act on Saturday night, he's quoted as saying the general philosophy he tries to get across to music students is that they have to really love music and their instruments. Secondly they have to be very dedicated and get in as much practice as possible and be very disciplined. "I make sure they understand the technical aspects of the guitar and theory and they realize how important it is to work towards developing their own sound," he said, "but the love for the music is foremost."

He's written, performed and produced three albums on the MoJazz label, and he was the recipient of the 1995 Gavin Jazz Album of the Year and the 1995 Soul Train Award Album of the Year. Brown's played at the JVC Jazz Festival, various European jazz festivals, has toured Japan and appeared on Japanese television and has nationally toured with Patti LaBelle.

He's billed as having a creative yet accessible style that mixes together jazz with R&B. "When I picked up the guitar for the first time," he's said, "it just touched me. It felt like part of me. That feeling has continued to grow with time."

Brown started playing in clubs in his native Kansas City when he was 10, and although he spent some time playing drums, sax and upright bass, he says the guitar has always been his main ax.

## MusicFest '98 calendar of events

### Music artist schedule

**Thursday, May 21 (free night)**  
5:45 p.m. Zydeco Blues Patrol  
7:45 p.m. Navy Nautilus  
9:45 p.m. MidWest Coast

**Friday, May 22**  
noon Hiroshima  
2:45 p.m. Navy Nautilus  
5:45 p.m. Jazz Junkies  
7:45 p.m. Blue by Nature  
9:45 p.m. Russ Freeman and the Rippingtons

**Saturday, May 23**  
noon Yellowjackets  
2:45 p.m. Doo-Wah Riders  
5:45 p.m. Freddie Brooks  
7:45 p.m. Groove Therapy  
9:45 p.m. Norman Brown

MusicFest '98 tickets are now on sale at the Wreck Center, the Carriage Inn, Texas Cattle Company and The Booklet. Music events will be held at the NAWS Knox Field May 21-23. Other events will be held at various locations. An individual two-day pass is \$19 and a one-day pass is \$10. A two-day family pass is \$42 and includes two adults and two children under the age of 15. A one-day family pass is \$22. Gate prices will be higher.

Event hotel sponsor, the Carriage Inn, will give military — active, retired or reservist — a room for \$48 per night. Please give the receptionist Code CLMF98 at the time reservations are made. An up-to-date schedule can be

### Softball tournament

Saturday, May 23, 8 a.m., at Leroy Jackson Park. Must receive registration by Friday, May 15. Contact: Michelle Archuleta, 939-0754.

### Basketball tournament

Saturday and Sunday, May 23 and 24, at 8 a.m., at the China Lake Sports and Fitness Complex. Must register by May 15. Contact: Archuleta.

### Bowling tournament

Saturday, May 23, at 11 a.m., 12 p.m., 1 p.m., 2 p.m., 3 p.m. and 4 p.m. at China Lake Memorial Hall Lanes. Contact: Sue Spindler, 939-3471

### Golf tournament

Saturday, May 23, at 8 a.m., Must register by May 15. Contact: Robert Booker, 939-2990

### Grass volleyball tournament

Monday, May 25, at 9 a.m., at Schoeffel Field Complex. Must register by May 15. Contact: Courtney Yount, 939-8662

### Wacky Olympics

Saturday, May 23, 8 a.m.-3 p.m., Schoeffel Field. Events will be held at Castle X, Solar Park, rink and pool. Contact: LuChrisa White, 939-6884.

### MAD Dash

Saturday, May 23, at 8 a.m., 10K run/5K walk - mixed terrain. Contact: 1st Sgt. Arnold Pasillas, 939-8093

### Rock climbing wall

Friday, Saturday and Sunday, May 22-24. Contact: Tony Ullrich, 927-7368.

### Castle X teen activities

Thursday and Friday, May 21-22, from 2-6 p.m., video games, pool, basketball, and movies all for \$1. Contact: Teresa Cosgrove, 927-8336.

### Car show and display

May 23 at the Wreck Center parking lot. Contact: Kirk Jones, 939-2346.

**ALWAYS THE BEST PRICE**  
**ALWAYS THE BEST SELECTION**  
**ALWAYS THE BEST SERVICE**

• Wood Flooring  
• Vinyl  
• Ceramic Tile

• Window Covering  
• Custom Draperies  
• More!!

**Windows, Walls 'n Floors**  
634 S. CHINA LAKE BLVD. (Sierra Lanes Plaza) 371-2212

Computer Zone • Computer Zone • Computer Zone • Computer Zone • Computer Zone • Computer Zone

**PENTIUM II 400MMX \$2,449**

We Will Not Be Undersold\* monitor included

Every Day Low Price

• Intel Pentium II 400mmx CPU • Shuttle Pentium II Motherboard • 64 Meg SDRAM Lifetime Memory • Yamaha 16 Bit Sound Board • 17" Monitor • ATX Mid Tower Case • 56K Modem • 8.4 Maxtor UDMA Hard Drive • 1.44 Floppy Drive • ATI 4 Meg 3D Expression Video Board • 24X Panasonic CDROM • 240 Watt Speakers • Mitsumi Keyboard and Mouse • Windows 95

**Computer Zone**  
\*ITEM for ITEM on IDENTICAL SYSTEMS  
WE SPECIALIZE IN HOUSE CALLS • Open Mon - Fri, 9 a.m. - 5 p.m. • After hours by appointment  
Phone (760) 446-6711 • Fax (760) 499-6811 • 1353 Inyokern Rd., Unit P, Ridgecrest, CA  
Prices subject to change without notice.

Computer Zone • Computer Zone • Computer Zone • Computer Zone • Computer Zone • Computer Zone

**MOVING TO PAX RIVER?**  
IF NAWC-AD-PAX RIVER NEEDS YOU AND YOU NEED A HOME, CALL ROBIN COOK, A DISPLACED "CHINA LAKER" Specializing in Sales & Rentals

At  
**Century 21 Stone & Associates**  
**(O) 800-638-7734**

web address: <http://www.c21stone.com>  
email address: 103411.1501@compuserve.com

**System Includes:**  
64MB Ram, 5.1 GB HD, 2MB Video, 1.44 FDD, 32x CD Rom, 16PnP Sound, Card w/ Speakers, Windows 95, 15" Monitor, Keyboard, & MS Mouse, USR 33.6 modem.

**Other Systems:**  
Pentium II-300 Mhz \$1530 • Pentium II-266 Mhz \$1375  
Pentium II-233 Mhz \$1195 • Pentium 200MMX - \$1150

**LOOK NEW**  
SPEDI ITEMS:  
#10508 IOMEGA 2GB JAZ External Drive  
#10479 IOMEGA 2GB JAZ Internal Drive

Contact Us: Allan Celestine - Sales Manager - acelestine@gcsolution.com • Andre Hill - Senior Technician - ahill@gcsolution.com • Tom Rindt - Technical Instructor - trindt@gcsolution.com • Brad Seavey - Spedi Services - bseavey@gcsolution.com

**GEMSTONE COMPUTER SOLUTIONS**  
371-1053 • 130 GEMSTONE

**CURRY** from Page 1

functionality, THAMES is expected to grow to meet current and future needs." Working closely with Gerrit Mannessen, the NIMIC systems engineer for the project who is from the Netherlands, Curry first documented the software requirements. From there he produced designs for the system architecture and the user interface. He also assisted in the database design. "I then developed the first of several iterations of the client software, which will be used by the technical support officers to access the database and perform threat assessments."

This software, 3.0, was developed using Borland's Delphi client/server development environment. The computer language is Object Pascal, with which Curry built upon his familiarity with Pascal and with Borland's C++ Builder, a similar product that uses C++ as the computer language.

Several iterations later, a satisfactory user interface was created. "The resulting format is easy to use and meets all current requirements," said Curry. And it can be easily expanded to accommodate future needs. At the end of March, Curry was allowed to connect the client software to the database server. Previously the database had not been stable enough to attempt this. "The moment the connection was finally made, it worked just great," said Curry.

At this time, the focus was on the portion of the software that allows users to access data about the organizations and people that are important to NIMIC's members. This is called the organic package. The other modules are the documentation package, which works with data regarding the documents needed to test and assess munitions, and the assessment package, which works with data regarding assessments, including munitions, situations and threats. "It was felt that the organic package, which is quite

small, provided a good testing area for the the interface, since it doesn't depend on any other packages," explained Curry.

Curry and Mannessen then took their software package on the road — to the United Kingdom's Ordnance Board — the weapons systems safety advisors for the UK's Ministry of Defense. The Ordnance Board is one of the major users of the earlier version of THAMES. The Ordnance Board uses THAMES as a tool to assess safety and suitability for service issues on a munitions program. Safety design principles and safety test procedures are integrated into the program and the output is used to define program requirements, determine essential test requirements, develop contract specifications, track contractor bids against requirements and to track and document an audit trail.

"The programming work that Dave has done, given the short space of time he has been with us," said Jason Fitzgerald-Smith, a NIMIC project manager, "was very well received in the United Kingdom and rightly he received many compliments with regard to both his enthusiasm and involvement in the project."

JASSM is the first program to use this software, and China Lake is taking the lead in making the transition happen. According to Ron Wilson, all the weapons systems developed at the Weapons Division can use this program. "It's something that acquisition managers, project engineers and safety engineers can all use to simplify their threat assessments, eliminate redundant testing, test within the true life cycle of the weapon system and save money," he said.

The software will be offered to all services and to defense contractors. Wilson explained that the government

is providing contractors with a standardized tool that can be molded to the uniqueness of the individual weapon system.

Wilson says that in the past the Navy has been the most motivated of the U.S. services to develop safer weapon systems and find safer ways to store, transport and operate munitions. But now, Wilson says, the Air Force and Army are showing a lot of interest in safer weapons. "JASSM will be the first Air Force program to comply with insensitive munitions regardless of the Navy's participation. JASSM is being developed as a whole system," he explained. "Instead of working independently, we're pulling several disciplines — environmental, safety, logistics, insensitive munitions and operations — together. This benefits not only the weapons but the weapon platforms."

One important cost savings of the upgraded software is the short amount of time it takes to do a threat hazard assessment. "We're comparing a task that took six months to do before," explained Chirkis. "With THAMES 3.0 it could take as little as a few hours."

NIMIC will keep the database updated every six months, explained Mannessen. Currently the software is being tested by users in the U.S., England, France and the Netherlands, and in November NIMIC plans on distributing it to the current 240 THAMES users.

Curry returned to China Lake on April 6. "It has been a challenge working with a truly international team," said Curry. "Especially since I had no previous knowledge of the insensitive munitions field, but I have found both to be highly rewarding. I look forward, with some financial help, to a continued and long-term association with NIMIC."



Capt. Dane Swanson and Cdr. Robert Rutherford, the talented men and women who will make it happen."

All base employees are welcome to attend the change of command. Following the ceremony, a reception will be held at the China Lake Exhibit Center.

## NWTS change of command set May 22

Friday, May 22, at 2 p.m., at Armitage Airfield's Hangar 3, Capt. Dane C. Swanson, CO of Naval Weapons Test Squadron China Lake, will be relieved by Cdr. Robert H. Rutherford, as the new CO of the Dust Devils.

Swanson has been at the helm of NWTS since Dec. 6, 1996. When recently asked about his tour at China Lake, he said, "I leave with a real sense of pride in the accomplishments of the men and women of Weapons Test Squadron, both military and civilian. The challenges associated with flight test and organizational restructuring have been significant. On every front, the command has performed superbly and met every challenge, as well as saving the taxpayers literally millions of dollars. I will also sincerely miss the Ridgecrest community. Of all locations I have served, I have never felt more welcome or a stronger sense of camaraderie with the local community."

Swanson is transferring to Patuxent River, Md., where

he will be directing the aircraft Foreign Military Sales program.

According to Keith Becker, NWTS PAO, both military and civilians who have served under him during his command at China Lake have expressed great appreciation for the leadership he provided and the many accomplishments he was able to achieve while at the squadron. "Many said that he is truly a 'people person' who cared about the well-being of those under his command and one who continued to improve the working relationship between the civilian community and the naval base," said Becker.

Rutherford has been serving as chief test pilot for the Dust Devils. He is very enthusiastic about his new position. "This is an especially exciting time in naval developmental flight testing," he said. "It comes accompanied with its own unique and contemporary challenges. I have tremendous optimism about the command's ability to meet these challenges and look forward to working with

### Third in strategic thrust series

# Hypersonic Strike Weapons: faster is better

By Cliff Lawson  
TID

The phrase "faster than a speeding bullet" used to refer to velocities almost beyond comprehension. That bullet, however, when stacked up against today's high-tech weaponry, travels rather slowly. Compare the distance covered in one second by a standard 9-mm bullet (1,200 feet) with that covered by an F/A-18 at full power (1,900 feet); a Sidewinder air-to-air missile (2,200 feet); and a hypersonic weapon moving at Mach 6, six times the speed of sound (6,700 feet).

#### Making weapons go faster and hit harder

"Hypersonic," as used by the weapons community, generally refers to the Mach 3.5 to Mach 8 range — about 2,700 to 6,100 miles per hour. These extraordinarily high velocities offer three distinct advantages. The first is a short interval between weapon launch and target impact. The second is greater penetration and destructive power. The third is that hypersonic weapons are difficult to detect and even

more difficult to shoot down. To help the Navy and its sister services exploit these advantages, NAWCWPNS has instituted the Hypersonics Strike Weapons (HSW) Strategic Thrust.

A mobile Scud unit in the Middle East can suddenly pull out from a camouflaged concealment, set up its equipment, fire a missile and leave the area — all in less time than it takes to brew a pot of coffee. The clock starts ticking when the Scud transporter-erector-launcher (TEL) appears in the open and begins to prepare for firing. Before the vehicle leaves — ideally, before it fires — friendly forces must locate and positively identify the TEL, make the attack decision, select a platform and launch a weapon capable of taking out the TEL.

Under the best of circumstances, little time is left for the weapon to fly to the target. Minutes or less can be the difference between eliminating a valuable enemy asset or blowing a hole in the desert floor. Hypersonics make that difference.

The hypersonic weapon's immense destructive power

results from kinetic energy. An object striking a target at Mach 8 will generate 64 times the force of an object of the same mass striking the target at Mach 1. This phenomenon makes hypersonic weapons well suited to attacking hardened or deeply buried targets such as command bunkers or biological-weapon storage facilities.

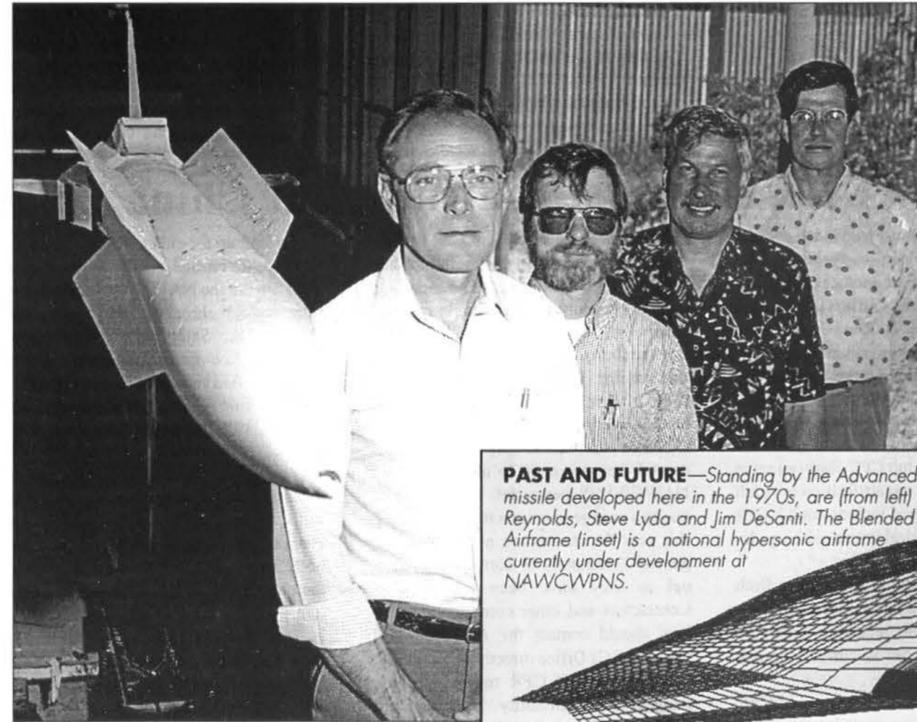
#### Coordinating the approaches

Several Navy, Air Force, NASA and Defense Advanced Research Projects Agency (DARPA) programs are studying technologies, designs and concepts of operations for hypersonic weapons. One purpose of the Hypersonic Weapons Strategic Thrust is to facilitate a coordinated approach to hypersonic weapons, not only across the Navy but throughout DoD. "We're building the framework for a collective-agreement approach to future DoD weapon systems," says Steve Lyda, leader of the HSW Strategic Thrust.

The Office of Naval Research sponsors the Hypersonics Weapons Technology (HWT) Program and the Low-Cost Missile (LCM) Program. The HWT Program is investigating technologies necessary for effective weapon-system operation in the hypersonic realm. The LCM Program — commonly known as Fast Hawk — is developing an entry-level capability for a Mach 4 hypersonic weapon. Much of this technology is being developed and tested at NAWCWPNS. The Technology IPT for the HSW Thrust, under the direction of Mike Mumford, ensures that research and development efforts — including the Air Force, NASA and DARPA technology programs — are efficiently aligned.

Both of these ONR programs will feed into the Hypersonic Strike (HyStrike) Program sponsored by the chief of naval operations (Capt. Robert Taylor, N88; Capt. Conrad Donahue, N87; and Capt. Dennis Stokowski, N86). At a recent Industry Information Day, RAdms. Dennis McGinn and Carlos Johnson, OPNAV N88, stated that HyStrike will begin the development of an operational hypersonic weapon that will be fielded in the 2005 to 2012 time frame. The HSW Mission Analysis IPT, under Jim DeSanti's lead, is helping to define the requirements for the

Please see **HSW**, Page 14



**PAST AND FUTURE**—Standing by the Advanced Low-Volume Ramjet, a Mach 3.5 missile developed here in the 1970s, are (from left) Mike Mumford, Mark Reynolds, Steve Lyda and Jim DeSanti. The Blended Body Airframe (inset) is a notional hypersonic airframe currently under development at NAWCWPNS.

Photo by Terry Pascarella, TID

**Don't Let Your Carpets Ruin Your Home's Appeal**

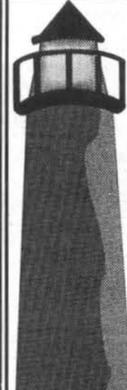
**We Do Carpet Repair!**

**Clean your entire home for \$79.95\***

\*800 sqft • Residential only • Some restrictions apply • See store for details

**138 Balsam St. 371-2255**  
Lic# 678094  
<http://ndti.net/abbeyman>

**Abbey Carpet**  
America's choice in floor fashions since 1958.



## SEEKING LOCAL ENTREPRENEURS:

1. Do you have an exceptional business idea?
2. Want to develop a winning business plan?
3. Need to energize your existing business?
4. Curious about SBIR proposals?
5. Require funding sources?
6. Interested in a Balsam St. Conference Room?
7. Internet access/500K Ethernet.
8. Local manufacturing display open to public.

**CALL RBTC\***  
You may be eligible for Ridgecrest's **BUSINESS INCUBATOR!**

**384-1118**  
or visit us at  
**139 N. Balsam St.**  
\*Ridgecrest Business Technology Incubator Center  
"We'll Help You Open Those Doors!"

## Do You Require Assisted Living?

You don't have to leave the comfort and security of your own home to receive the best in assisted living. These are some of the reasons why we can be of assistance to you.

- Grocery Shopping • Cooking and Light Housekeeping
- Nutritional Guidance • Meal Planning • Running Errands
- Companionship • Medication Control

**We're trained, and we're here to help.**

**Sanderson's Assisted In-Home Care**  
139 N. Balsam • (760) 375-4511

## The Women's Clinic

**DR. (MRS.) BANSI N. VORA, M.D. F.A.C.O.G.**

Antelope Valley's Only Female OB-GYN  
Diplomat of the American Board of Obstetrics & Gynecology • Fellows of the American College of Obstetrics & Gynecology

Complete care for all Women's special needs...  
Normal & High Risk Obstetrics • Gynecology • Infertility  
• Female Urology • Family Planning • Ultrasound  
**NO ABORTIONS PERFORMED AT OUR FACILITIES**

1535 N. China Lake Blvd. #B • Ridgecrest, CA 93555 • (760) 446-2776  
44241 N. 15th St. West #305, Lancaster, CA 93534 (805) 949-5899



Dr. Banshi N. Vora  
M.D., F.A.C.O.G.

Standards for Flight Termination Receivers 313-89. Knowledge of telemetry systems, and their design and operation is also a requirement. The incumbent interacts closely with on- and off-station sponsors and technical experts representing Navy, Air Force, Army, and NASA organizations and multiple weapon/component contractors. He/she is also a member of the Range Safety Group of the Range Commander's Council and will interact with the personnel in this cross-service organization. Selectee must be able to obtain and maintain a Secret clearance. This is a DAWIA-coded position in the Systems Planning, Research, Development and Engineering Field (Category S, Level 3). The full performance level of this position is DP-3. Send applications to Fred Hartwell, Code 543400D, call (760) 939-1194 to indicate that you have sent your application.

**No. 54-011-DWE98, Electronics Engineer, DP-855-3, Test Article Preparation Department, Weapons Instrumentation Division, Telemetry Systems Branch, Code 543400D—Area of Consideration:** NAWC-WPNS. **Duty Station:** China Lake. **Opening Date:** 5-14-98. **Closing Date:** 5-28-98. **Selecting Official:** Fred Hartwell, (760) 939-1194. **HRD Contact:** Diana Eggleton, (760) 939-8111. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as a design engineer for telemetry systems used in weapons under test. Telemetry systems, RF transmitters, and antennas, as well as their design and operation. The incumbent interacts closely with on- and off-station customers and technical experts representing Navy, Air Force, Army, and NASA organizations and multiple weapon/component contractors. Selectee must be able to obtain and maintain a Secret clearance. This is a DAWIA-coded position in the Systems Planning, Research, Development and Engineering Field (Category S, Level 3). The full performance level of this position is DP-3. Send applications to: Fred Hartwell, Code 543400D. Please call (760) 939-1194 to indicate that you have sent your application. **Note 4 applies.**

**NSAP POSITIONS**

**Naval Science and Technology Advisors, Interdisciplinary, DP-801, 861, 1310, 1520, 1550 (Multiple Vacancies); DP-III or above.**  
**Area of Consideration:** NAWCWPNS, All Sites  
**Opening Date:** 5-14-98  
**Closing Date:** 5-21-98  
**Selecting Official:** Frank Markarian, (760) 939-3241 (DSN 437-3241)  
**Permanent Change of Duty Station Authorized:** Yes.

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

This announcement identifies Science and Technology Advisor vacancies that will be filled between August and September 1998. NAWCWPNS applicants will be interviewed, and selections will be made the week of 25 May 1998. The candidates nominated by the Division will then compete with nominees from the Navy laboratories, warfare centers, and other NAWC Divisions. This process will take place during interviews tentatively scheduled to be held at the NSAP office, Office of Naval Research, Arlington, Virginia in early June 1998. The NSAP Director will make the final selection for all positions. The Science and Technology Advisor positions scheduled to be filled during this recruitment cycle are listed below. These positions are being readvertised; previous applicants need not apply.

- **Commander, Third Fleet (COMTHIRDFLT), San Diego, CA**
- **Commander, Special Warfare Command (COMNAVSPECWAR), Coronado, CA**

Information on the duties, responsibilities, and required technical background for each of these positions may be obtained from Frank Markarian, (760) 939-3241 (DSN 437-3241). Additional information on NSAP can be obtained on the internet at "http://www.onr.navy.mil/nsap/".

Factors considered for candidate selection include the following:

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

A Top Secret Security clearance is required for both positions. Applicants must pass a physical examination for some positions. Science Advisor positions are lateral reassignments for current DP-4s. If a senior DP-3 (above step 13) is selected, the employee may be given a temporary promotion for the duration of the assignment.

Interested applicants should file a data package with a single-page summary of qualifications and biographical information and detailed information of the type normally found in the Standard Form 171. Total package size may not exceed 10 pages. Applications should be delivered to Code 730000D (Saundra Wydra, Building 2335, Room 202, 939-2434) or Code 731000E (Lillian Cabello, Building 211, 989-3347) by COB 21 May 1998.

Questions concerning these positions should be directed to Frank Markarian (Code 4BT000D) at (760) 939-3241 (DSN 437-3241) or Carroll Watson (Code 522100E) at (805) 989-8148 (DSN 352-8148).

**PERSONNEL MANAGEMENT ADVISORS CONTACT LIST**

Location	Name	Phone	Location	Name	Phone
<b>China Lake</b>	3.0, 4.1, 4.2, 4.5, 4J, 4K	Kitty Reeve, PMA 939-8364	4.3, 5.4, 5.6	Pam Stafford, PMA 989-3308	
	4.0, 4.6, 4.7, 4.73, 4.74, 4B	Bob Peoples, PMA 939-8120	7.0, 7.6	Gina Weatherford, Asst. 989-3301	
	4.71, 4.72	Gail Bigelow, PMA		Theresa Whipp, PMA 989-3238	
	3.0, 4.0, 4.5, 4.7, 4.73, 4.74, 4B	Julie Rodriguez, Asst. 939-2693	7.2, 7.4, 8.4, 8.5, 8.8	Julie Simental, Asst. 989-3306	
	4.1, 4.2, 4.6, 4.71, 4.72, 4J, 4K	Kay Behrmann, Asst. 939-2736		Theresa Whipp, PMA 989-3238	
	2.0, 7.0	Nancy Robinson, PMA 939-8106	2.0	Bob Washington, Asst. 989-3316	
	5.0 China Lake/White Sands	Diana Eggleton, PMA 939-8111	3.0	Susan Ellis, PMA 989-3319	
		Joaquin Rivier, PMA 939-8101		Mary Lou Gutierrez, Asst. 989-3230	
	0.0, 8.0 China Lake	Jean Johanboeke, PMA 939-8135	7.5, 7.7	Rosalie Sommer, PMA 989-3231	
		Pat Ward, PMA 939-2218		Mary Lou Gutierrez, Asst. 989-3230	
2.0, 5.0, 7.0, White Sands	Earlene Mouldenhauer, Asst. 939-2359	8.6	Ed Vicuna, PMA 989-3310		
	Jean McLain, Asst. 939-2925		Letty Solano, Asst. 989-3302		
8.0	Shirley Hauser, Asst. 939-2883	8.7	Ed Vicuna, PMA 989-3310		
			Bob Washington, Asst. 989-3316		
			Theresa Whip, PMA 989-3238		
			Letty Solano, Asst. 989-3302		
<b>Point Mugu</b>					
0.0, 7.3, 8.0, 8.2, 8.3	Ed Vicuna, PMA 939-3310	NAVSOC	Rosalie Sommer, PMA 989-3231		
	Julie Simental, Asst. 989-3306		Mary Lou Gutierrez, Asst. 989-3230		
4.1, 4.5, 4.7, 4.8, 4J	Terri Smith, PMA 989-3322	NARU, VXE-6	Susan Ellis, PMA 989-3319		
	Lillian Cabello, Asst. 989-3347		Mary Lou Gutierrez, Asst. 989-3230		
4K, 5.0, 5.2	Jan Meadows, PMA 989-3261				
	Rafael Avila, Asst. 989-3320				

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).



**NAVAL AIR WARFARE CENTER WEAPONS DIVISION**

**ANNOUNCEMENTS**



**ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS**

**COMPTEK AND CTA**

COMPTEK and CTA vacancies will be available for an indefinite period of time. NAWCWPNS personnel interested in applying with either company should contact Ron Rogers at 989-3997 (DSN 351-3997).

**DIFMS ISSUE PROCESS REPRESENTATIVES**

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

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

**WORKFORCE MANAGEMENT ENTERPRISE TEAM (WMET) MEMBERS**

Name	Team Function & Role	Code	Phone
Col William Bain	Director	4A0000D	939-6603
Jim Kneppshield	Program Manager	4JA000D	939-8570
Eva Bien	Human Resources Management	730000E	939-2434/989-3271
Karen Buehler	Communications Manager	76C000D	939-3109
Bryan Hill	Corporate Operations	7F0000D	939-5975
Don Hilliard	Mid Level Supervisor/Manager	471430E	989-9370
Dr. Neil McCarthy	Corporate Reserve (ATP) Program	529100E	989-9201/939-4882
Ron Rogers	Human Resources Management	733000E	989-3997
Terry Mitchell	Organizational Development Advisor	00AC00D	939-2534
Debby Young	First Line Supervisor/Supervy Network	331000E	989-0285

**CHINA LAKE**

**BLUE CROSS/BLUE SHIELD**

The Blue Cross/Blue Shield (BC/BS) service representative will be at China Lake on Thursday, **21 May**. Bring all relevant documentation if you have specific questions regarding your BC/BS coverage. The representative will be available at the Training Center from 0800-1100 and 1230-1430. Call Leora Chapman at 939-2018 for additional information.

**CPR/FIRST AID-CLASSES OFFERED AT CHINA LAKE**

The China Lake Safety Office will be offering CPR and first-aid courses beginning on **9 June**. For a complete list of dates and times and enrollment information, see page 5B of the *Announcements*.

**NWC PLAQUES**

NWC plaques are no longer available from the Exhibits and Awards Branch of TID. We still engrave the nameplates for them; however, the plaques themselves must be obtained from the China Lake Museum Foundation. For further information, call Jeanne at 939-3530.

**LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES**

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

**UNIVERSITY OF TENNESSEE (UTSI) MASTERS DEGREE PROGRAM**

UTSI's summer session begins on **4 June**. The UTSI program, designed for engineering and science majors, leads to a masters of science degree in aviation systems. Prospective students can enroll as either degree or nondegree candidates and receive graduate credit for courses taken. Graduates of either the Navy and Air Force Test Pilot School receive graduate credit for 12 to 15 hours.

The cost is \$749 per 3-hour course. Residents of southeastern California may be eligible for in-state tuition fees (\$550 for courses with tapes and \$450 for courses without tapes) as part of the academic common market. All 3-hour courses listed are provided on videotape for students to view in their homes. Application fees, forms, and transcripts must be completed before midterm.

For more information, contact the area representative at (760) 927-8874. The UTSI office is in the Family Service Center, Office U, 610 Blandly. Office hours are by appointment only.

The deadline for enrollment form completion is **30 June**. The following courses are being offered:

**Summer Schedule**

AE 422	Aerodynamics - Dr. Collins
AE 599B	Special Topics in Aerospace Engineering: Aircraft Structures - Dr. Solies <b>Note:</b> Also listed as AS 510C
AS 500	Masters Thesis
AS 510A	Special Topics in Aviation Systems: GPS/GIS and Its Applications - Dr. Paludan
AS 510B	Special Topics in Aviation Systems: Fundamentals of Radar and Radar Cross Section Reduction - Dr. Paludan
AS 510D	Special Topics in Aviation Systems: Aviation Human Factors - Dr. Solies
EM 536	Project Management - Dr. Claycombe
EM 540	Labor Relations - Dr. Steinle
IE 405	Engineering Economy - Dr. Crest
IE 494	Engineering Fundamentals I - Dr. Collins
IE 495	Engineering Fundamentals II - Dr. Collins
IE 591	Special Topics in Industrial Engineering: Systems Engineering - Dr. Hailey

**POINT MUGU**

Projected future employer days.

19 June	Point Mugu
17 July	Point Mugu
24 July	Port Huene
28 August	Point Mugu
25 September	Port Huene

For more information, contact the Family Service Center at 982-6251 or 989-1022.

**CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)**

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

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

#### 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 at nager1233@earthlink.net.

### CHINA LAKE RETIREMENTS AND FAREWELLS

#### SAMMIE "RFO" FORD

Sammie R. Ford, Land Range Air Operations Section (Code 521130D), is retiring after 3 years of federal service. A retirement dinner will be held in his honor at the Elks Lodge on **15 May**. Doors open at 1800. Beer is on the house and a deep-pit barbecue dinner will be served, in addition to a no-host bar. Dress is casual. To purchase tickets, make a gift donation or a presentation, contact Leslie Brown at 939-6883 or Rob Kruse at 939-6814.

#### JOANNE BOESSOW

Joanne Boessow, Code 413100D, is retiring after 18 years of federal service. A retirement luncheon will be held in her honor at John's Pizza on **19 May** at 1115. The High Noon Special will be served. For reservations, gift donations, and presentations, contact Patricia DeJohn at 939-5976 by **14 May**.

#### DEONE CRECELIUS

Deone Crecelius, Code 41300D, is retiring after 20 years of federal service. A retirement luncheon will be held in her honor at John's Pizza on **19 May** at 1115. The High Noon Special will be served. For reservations, gift donations, and presentations, contact Patricia DeJohn at 939-5976 by **14 May**.

#### CHARLIE HILL

Charlie Hill, Code 41300D, is retiring after 25 years of federal service. A retirement luncheon will be held in her honor at John's Pizza on **19 May** at 1115. The High Noon Special will be served. For reservations, gift donations, and presentations, contact Patricia DeJohn at 939-5976 by **14 May**.

#### AMY FOSHEE

Amy Foshee, Code 833300D, is retiring after 9 years of federal service at China Lake. A retirement luncheon will be held in her honor at Texas Cattle Company on **20 May**. For reservations, gift donations, and presentations, contact Willie Johnson at 939-0088 or Carol Accurso at 939-9418 by **18 May**.

#### MIKE PIERCE

Mike Pierce, Code 833300D, is retiring after 32 years of federal service at China Lake. A retirement luncheon will be held in his honor at Texas Cattle Company on **20 May**. For reservations, gift donations, and presentations, contact Willie Johnson at 939-0088 or Carol Accurso at 939-9418 by **18 May**.

#### RON RYAN

Ron Ryan, Code 833600D, is retiring after over 32 years of federal service at China Lake. A retirement luncheon will be held in his honor at Texas Cattle Company on **20 May**. For reservations, gift donations, and presentations, contact Willie Johnson at 939-0088 or Carol Accurso at 939-9418 by **18 May**.

#### RUTH WESCHE

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

#### LIZA DIMARANAN

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

### POINT MUGU RETIREMENT

#### HARRY FRANZ

Harry Franz, Electronic Warfare Division, is retiring after 30 years of federal service. A farewell luncheon will be held in his honor at Sal's Inn, Oxnard, on **22 May** at 1130. Orders will be taken from the menu. For reservations, gift donations, or presentations, contact Ann Bourden at 989-7836 or Kay Sams at 989-1347.

#### TOM BOYD BILL ERWIN

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

#### NEIL LAFORTUNE JERRY MORRISON

Neil LaFortune and Jerry Morrison, Quality of Life Department, Housing Division (Code 863000D), are retiring after 66 years of combined federal service. A retirement luncheon will be held in their honor at Santa Fe Grill on **28 May** at 1115. Orders will be taken from the menu. For reservations, gift donations, and presentations, contact Carol Andrew at 939-4456.

#### DON DANIEL RASHID KHAN

Don Daniel and Rashid Khan, Proximity Fuze Development Section, Code 472A30D, are retiring. A retirement luncheon will be held in their honor at Farris' at the Heritage on **27 May** at 1130. A chicken cacciatore buffet will be served for \$9.50 per person, including tax and gratuity. For reservations, tickets, gift donations, and presentations, contact Enda Gregerson at 939-1217.

#### ROBERT "BOB" REBER

Bob "Bubba" Reber, Exhibits and Awards Branch (Code 474500D), is retiring after 28 years of federal service. Join us for "Reber's Retirement Rendezvous" at the Elks Lodge on **29 May**. The no-host bar will open at 1800, with a buffet Mexican dinner catered by Santa Fe Grill at 1900. Tickets are \$12; dress is casual. To purchase a ticket, make a gift donation, or "get Bob's goat," contact Patti Horton at 939-0951, Rose Lathrop at 939-3428, or Susan Haynes at 927-2844 by **22 May**.

#### FREDDIE PERRY

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

#### MEL SLIWKA

Mel Sliwka is retiring after 27 years of federal service, 10 of which were served at China Lake. A buffet dinner will be held in his honor at Farris' at the Heritage on **3 June** at 1800. The cost of the buffet is \$15 (including tax and gratuity). Spouses and significant others are welcome. Reservations are required. For information, reservations, and gift donations, call Denise Kirchner at 939-1834 or Meichelle McGuire at 939-8143 by **28 May**.

#### LARRY W. STRUTZ

Larry Strutz is retiring after 34 years of federal service, with more than 25 years here at China Lake. His retirement celebration will be held on **11 June** at El Charro Avitia. The no-host bar starts at 1730, followed by presentations at 1830, with dinner to be ordered from the menu. A keg of beer and a cake will be provided. For reservations, gift donations, and presentations, contact Nanette Neider at 939-2824 by **4 June**.

developmental, and operational missile systems; modeling and evaluation of missile guidance including development of detailed models of seeker platforms, signal and image processors, tracking algorithms, aerodynamics, control systems/autopilots; and target and background signatures, all as they relate to system performance. The Section is also responsible for pre- and post-flight data reduction and analysis of missile systems; development and maintenance of hardware-in-the-loop simulations; and application and investigation of advanced control techniques, to missile weapons systems. **Quality-Ranking Factors:** Knowledge of advanced control theory, modeling and simulation techniques and theories. **Supervisory Quality-Ranking Factor:** Knowledge of affirmative action principles, including a willingness to implement EEO practices. **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory DAWIA requirement for experience, education, and training for Level 3 of the Systems Planning, Research, Development and Engineering Acquisition Career Field within 18 months of entering the position. Applicants must be able to obtain and maintain a Top Secret clearance. Full performance level of this position is DP-4. **Notes 1, 2, 3, and 4 apply.**

**No. 52-009-DWE98, Supervisory Test Management Specialist, DS/DP-301-3, Test Operations Branch, Electronic Combat Range, Pacific Ranges and Facilities Department, Test and Evaluation Competency, Code 529410D-Area of Consideration:** NAWCWPNS. **Duty Station:** China Lake. **Opening Date:** 5-14-98. **Closing Date:** 5-28-98. **Selecting Official:** Ronald Stepp, (760) 939-9197 (DSN 437-9197). **HRD**

**Contact:** Diana Eggleton, (760) 939-8111 (DSN 437-8111). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent heads the Test Operations Office. In this capacity, he/she is responsible for managing all test programs and practicing bombing activities and range configuration. The office provides test planning, cost estimating, budgeting, coordinating, and scheduling services. In addition, the organization is responsible for conducting and controlling real-time tests. Other Test Operations Branch services include frequency coordination and scheduling, test data quality assurance review, and transmittal and bomb scoring. The incumbent directs, coordinates, and manages office activities and performs general administrative tasks as well. The work schedule is four 10-hour days, Monday-Thursday, 0630-1630. Incumbent must be able to obtain and maintain a Top Secret clearance with special access approval. **Quality-Ranking Factors:** (1) **Technical Quality-Ranking Factor:** Knowledge of air-borne tactics and weapons systems, surface-to-air missiles, fire control systems and range operations. (2) **Supervisory Quality-Ranking Factor:** Ability to manage and motivate a technically complex and diversely populated organization, interface with top-level NAWCWPNS and external officials and apply personnel policies and procedures and EEO and affirmative action principles in making employment decisions. (3) **DAWIA Quality-Ranking Factor:** Ability to meet the mandatory experience, education, and training requirements for Level 3 of the Program Management Career Field within 18 months of entering the position. Full performance level is DP-3. **Notes 1, 2, 3, and 4 apply.**

### NATIONWIDE/CURRENT APPOINTABLE DOD CIVILIANS

**No. NSCD00-005-RS8, (1) Engineering Technician, GS-802-11/12, Naval Satellite Operations Center, Detachment DELTA, Colorado Springs, CO, Code NSCD00—Area of Consideration:** Current appointable DOD civilians nationwide. **Opening Date:** 5-14-98. **Closing Date:** 6-11-98. **Selecting Official:** LCDR Rosengarn, (719) 567-5390. **HRD Contact:** Rosalie Sommer, (805) 989-3231. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Schedules, coordinates, and directs detailed operations of FLTSAT UHF follow-on and polar EHF satellite programs. Assists in preparing project plans, schedules, and detailed phases of technical work concerning satellite command and control, computer operations, telemetry analysis, and satellite power, thermal, altitude, timing, and communication systems. Coordinates, monitors, and provides technical guidance to others in the day-to-day satellite and ground station operations. Prepares data packages and documentation for new or improved systems and equipment. Serves as an expert consultant for the FLTSAT and UHF follow-on programs. **Quality-Ranking Factor:** Detailed technical understanding of FLTSAT-COM, polar EHF or Molniya orbiting spacecraft. **Notes 1 and 5 apply.**

**No. NSCD00-006-RS8, (1) Engineering Technician, GS-802-11/12, Naval Satellite Operations Center, Detachment DELTA, Colorado Springs, CO, Code NSCD00—Area of Consideration:** Current appointable DOD civilian employees nationwide. **Opening Date:** 5-14-98. **Closing Date:** 6-11-98.

### APPLICATION PROCEDURES

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

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

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

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

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

### AREA OF CONSIDERATION INFORMATION

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

### NOTES

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. PL 101-510 requires that all applications for DAWIA designated positions, which are advertised by evaluating 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 or non-membership in an employee organization.

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

**Selecting Official:** LCDR Rosengarn, (719) 567-5390. **HRD Contact:** Rosalie Sommer, (805) 989-3231. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Schedules, coordinates, and directs detailed operations of FLTSAT UHF follow-on and polar EHF satellite programs. Assists in preparing project plans, schedules, and detailed phases of technical work concerning satellite command and control, computer operations, telemetry analysis, and satellite power, thermal, altitude, timing, and communication systems. Coordinates, monitors, and provides technical guidance to others in the day-to-day satellite and ground station operations. Prepares data packages and documentation for new or improved systems and equipment. Serves as an expert consultant for the FLTSAT and UHF follow-on programs. **Quality-Ranking Factor:** Detailed technical understanding of FLTSAT-COM, polar EHF or Molniya orbiting spacecraft. **Notes 1 and 5 apply.**

### REASSIGNMENT

**No. 472-006-GB8, Supervisory Multidisciplinary (Mechanical Engineer/Electronics Engineer/Physicist/Mathematician), DP-830/855/1310/1520-4, Dynamics and Controls Section, Control and Midcourse Guidance Branch, Guidance and Control Systems Division, Code 472300D—Area of Consideration:** NAWCWPNS. **Opening Date:** 5-14-98. **Closing Date:** 5-28-98. **Selecting Official:** Jim McCalester, (760) 939-3338. **HRD Contact:** Gail Bigelow, (760) 939-8113. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent is the supervisor for the Dynamics and Control Section. Duties will include monitoring the technical tasks of the personnel being supervised, developing and expanding the technology and product base of the section, managing personnel for the section, and continuously interfacing with IPTs/EDTs/ETs. The incumbent will also interface with and make presentations for NAWCWPNS management and sponsors. The work performed by the Section includes design and performance trade-off investigations related to conceptual, developmental, and operational missile systems; and modeling and evaluation of missile guidance, including development of detailed models of seeker platforms, signal and image processors, tracking algorithm, aerodynamics, control systems/autopilots, and target and background signatures, all as they relate to system performance. The Section is also responsible for pre- and post-flight data reduction and analysis of missile systems; development and maintenance of hardware-in-the-loop simulations; and application and investigation of advanced control techniques to missile weapons systems. Applicants must be able to obtain and maintain a Top Secret clearance. Full performance level of this position is DP-4. To apply, send updated application to Gail Bigelow, Code 731000D.

**No. 54-010-DWE98, Electronics Engineer, DP-855-3, Test Article Preparation Department, Weapons Instrumentation Division, Telemetry Systems Branch, Code 543400D—Area of Consideration:** NAWCWPNS, Duty Station: China Lake. **Opening Date:** 5-14-98. **Closing Date:** 5-28-98. **Selecting Official:** Fred Hartwell, (760) 939-1194. **HRD Contact:** Diana Eggleton, (760) 939-8111. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent serves as a systems engineer for flight termination systems (FTS) used in weapons under test. He/she serves as a technical specialist in all areas of FTS design, qualification, and operation and is responsible for identifying system deficiencies and potential solutions to the range safety community, including application of expertise to identify areas for technological improvements and to correct problems. This requires a knowledge of the Range Commander's Council Flight Termination Systems Commonality Standard 319-92 and Design, Performance and Test

## HIGH-LEVEL ARCHITECTURE TRAINING OFFERED AT CHINA LAKE

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

Note: Check-in begins at 0730

2-3 June; 2 June, 0815-1600; 3 June, 0800-1200; Heritage Inn, Flight Deck, 1050 N. Norma St., Ridgecrest. Sponsored by: The Defense Modeling and Simulation Office (DMSO)

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

## Agenda Update for Regional Training

## Day 1

I.	Introduction Welcome and Acknowledgments DOD HLA Process and Policy	Sponsor/AEgis D. Cutts	0815 0830
II.	HLA Specifications HLA Rules Break HLA OMT Version 1.3 Fundamental HLA Interface Specification Version 1.3 Lunch	J. Schandua J. Schandua D. Cutts	0915 0945 1000 1100 1200
III.	Technical Details Time Management in the HLA Break Tutorial on HLA RTI 1.3	D. Cutts D Cutts	1300 1415 1430

## Day 2

IV.	Supporting Process Guidance HLA Object Model Development Process and Supporting Tools Federal Compliance Testing Process Break	J. Schandua J. Schandua	0800 0930 1015
V.	Experience and Lessons Learned Results of an Investigation of Architecture Issues for DIS-HLA Conversion The NSS HLA-Integration Framework	D. Paterson L. Yu	1030 1115

This HLA Training Event is open to NAWCWPNS China Lake, Point Mugu, Edwards Air Force Base, and Nellis Air Force Base.

To register for the HLA Training Event by DMSO, the website address is [http://hla.dmsi.mil/hla\\_edu\\_trng/](http://hla.dmsi.mil/hla_edu_trng/). In addition to registering with DMSO website, e-mail a response to Lily Horton (lhorton@mugu.navy.mil) on the type of simulation you are involved with and whether you are a program manager, project manager, or implementor. Limited spaces are available, so register early. On-line registration is encouraged by 22 May. The agenda may change. The update will be published on the DMSO website and NAWCWPNS newsletters and Intranet.

Reservations can be made at the China Lake Combined Bachelor Quarters at (760) 939-3146 (DSN 437-3146); Heritage Inn, 1050 North Norma St., (760) 446-6543; or Carriage Inn, 9901 North China Lake Blvd., (760) 446-7910.

For additional information, contact Lily Horton, Code 733000E, at (805) 989-3987 (DSN 351-3987) or Alice Campbell, Code 535300D, at (760) 939-0268 (DSN 437-0268).

## CIVILIAN PERSONNEL DIVISION NEWS

## MERIT PROMOTIONS

## POINT MUGU/CURRENT APPOINTABLE DOD CIVILIAN EMPLOYEES

No. NSC360-004-RS8, (1) Electronics Technician, GS-856-09/11/12, Naval Satellite Operations Center, Operations Directorate, Satellite Communications Department, Code NSC360—Area of Consideration: Current appointable DOD civilian employees at Point Mugu. Opening Date: 5-14-98. Closing Date: 5-28-98. Selecting Official: Bob Carrillo, 989-4253. HRD Contact: Rosalie Sommer, 989-3231. Permanent Change of Duty Station Authorized: No. Summary of Duties: Performs preventive and corrective maintenance on all data-communication equipment and systems. Designs, develops, and programs digital communication systems and assorted subsystems for use in command and control of satellites from NAVSOC headquarters and remote ground stations located worldwide. Develops detailed installation plans and schedules to achieve timely and orderly integration of new or modified ground system equipment. Performs life-cycle project management, including logistics, planning, configuration control, design, development, testing, installation, budgeting, technical support, long-term maintenance management analysis, training,

documentation, and maintenance planning for the life of data-communication systems. Analyzes data-communication systems performance and develops improved methods and procedures. Writes configuration documents and site installation plans. Quality-Ranking Factor: Knowledge of general data communication definitions and concepts. Notes 1 and 5 apply.

## NAWCWPNS

No. 41-009-KR8, Interdisciplinary (General Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/1310/1515/1520/1550-3, Systems Engineering Department, Carrier-Based Tactical Aircraft Division, F/A-18 IPT, Code 411100D—Area of Consideration: NAWC-WPNS. Opening Date: 5-14-98. Closing Date: 5-28-98. Selecting Official: Barry Douglas, (760) 927-4500. HRD Contact: Kitty Reeve, (760) 939-8364. Permanent Change of Duty Station Authorized: No. Summary of Duties: As the F/A-18 Weapon System Support Activity (WSSA) 17C/18E Block Manager, this position is responsible for all aspects of assigned life-cycle technical support for the F/A-18C/D and E/F model aircraft weapon

system associated with the -17C and -18E System Configuration Sets (SCS). The position receives programmatic direction from and is directly accountable to the F/A-18 WSSA IPT Chief Engineer for cost, schedule, and performance requirements associated with the -17C and -18E SCSs. IPT post-deployment support products include new system capabilities (e.g., aircraft system upgrades), fire control/targeting system upgrades and integration of updated electronic warfare systems, as well as coordination with common avionics, trainers, and ground-support engineering activities. Duties include planning, controlling, evaluating, and coordinating the technical efforts of diverse functional task teams, multidisciplinary product teams, and systems integration teams needed to satisfy customer requirements; developing plans and schedules with defined milestones and metrics for assigned F/A-18C/D/E/F tasks; cost, schedule, and performance monitoring; and implementing and tracking corrective actions as required. Technical Quality-Ranking Factors: Skill managing research and development and test and evaluation programs and/or activities associated with naval aircraft. DAWIA Quality-Ranking Factor: Ability to meet the mandatory DAWIA requirement for experience, education, and training for Level 3 of the Systems Planning, Research, Development and Engineering

Acquisition Career Field within 18 months of entering the position. Applicants must be able to obtain and maintain a Top Secret clearance. Full performance level of this position is DP-4. Notes 1, 3, and 4 apply.

No. 472-005-GB8, Supervisory Multidisciplinary (Mechanical Engineer/Electronics Engineer/Physicist/Mathematician), DP-830/855/1310/1520-3, Dynamics and Controls Section, Control and Midcourse Guidance Branch, Guidance and Control Systems Division, Code 472300D—Area of Consideration: NAWCWPNS. Opening Date: 5-14-98. Closing Date: 5-28-98. Selecting Official: Jim McCalester, (760) 939-3338. HRD Contact: Gail Bigelow, (760) 939-8113. Permanent Change of Duty Station Authorized: No. Summary of Duties: The incumbent is the supervisor for the Dynamics and Control Section. The incumbent's duties will include monitoring the technical tasks of personnel being supervised, developing and expanding the technology and product base of the section, managing personnel for the section, and continuously interfacing with IPTs/EDTs/ETs. The incumbent will also interface with and make presentations for NAWCWPNS management and sponsors. The work performed by the Section includes design and performance trade-off investigations related to conceptual,



## HUMAN RESOURCES DEPARTMENT INFORMATION

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

## LABOR/EMPLOYEE RELATIONS TEAM NEWS

## LEAVE DONORS NEEDED

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

## CHINA LAKE

Leon Biesiadecki, Code 525220D Leon is recovering from spinal fusion surgery.	Carol Crump, Code 526210D Carol is recovering from reconstructive surgery.	Martha Harrington, Code 4BY100D Martha is receiving chemotherapy treatments.	Jeanie Salyer, Code 734000D Jeanie is receiving kidney dialysis while awaiting a transplant.
Jimmy Walston, Code 84E000D Jimmy is recovering from a total hip replacement.	Susie Park, Code 525210D Susie is recovering from surgery.	Linda Currington, Code 4731B0D Linda has undergone major surgery.	Sandy Watson, Code 335000D Sandy is caring for her husband, who is waiting for a kidney and pancreas transplant.
Marvin Kennedy, Code 526220D Marvin is awaiting lower back surgery.	Dawn Haddock, Code 418100D Dawn is on maternity leave.	Shirley Carroll, Code 455300D Shirley is under a doctor's care.	

## POINT MUGU

Brenda Johnson, Code 522J00E Brenda has undergone surgery and is under a doctor's cares.	Stephen McCombs, NMC Stephen is caring for a family member.	Debby Casillas, Code 562E00E Debbie is hospitalized with ulcerative colitis.	Norma Lavin, Code 52911EE Norma had surgery and is under a doctor's care.
Frank White, Code 525120E Frank is recovering from major surgery and is undergoing therapy.	Carolyn Lee Jordan, Code 7GC000E Carolyn has undergone lumbar spinal surgery.	Vida Nunez, Code 763400E Vida is under a doctor's care following a severe auto accident.	Benjamin Asuncion, Code 531200E Benjamin is undergoing chemotherapy and other cancer-related treatment.
Lillian Cabello-Razo, Code 731000E Lillian is recovering from injuries sustained in an auto accident.	Richard A. Czebatol, Code 457300E Richard is undergoing chemotherapy and a bone marrow transplant.	Charles Ball, Code 532120E Charles is undergoing cancer radiation therapy.	Anita Retome, Code 455330E Anita is caring for her daughter, who is under a doctor's care.

## EMPLOYEE DEVELOPMENT DIVISION NEWS

## ON-BOARD TRAINING COURSE SCHEDULE

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

## CLEANROOM SOFTWARE ENGINEERING BRIEFING (1-4 hrs.)

18 May; Monday, 0800; Training Center, China Lake. By: Software Engineering Technology

This is an introduction to Cleanroom engineering and management processes and practices. The goal is the economical production of high-quality software. Cleanroom software engineering is a theory-based, team-oriented process that yields software that is corrected by mathematically sound design and is certified by statistically valid testing. Cleanroom software engineering embeds software development and testing within a statistical quality control framework. Development by increments with statistical testing of each increment provides feedback to management that the product development process is under control (i. e., meeting statistical norms). Cleanroom's discipline of statistical quality control provides management with objective visibility into all aspects of the software development process. The Cleanroom processes can be applied to development of new software systems and to the evolution of legacy systems. Cleanroom is independent of language, environment, and application. It has been used to develop and evolve a variety of systems, including real-time, embedded, host, distributed, workstation, client-server, and microcode systems. Cleanroom supports prototyping and object-oriented development and enables reuse through precise definition of common services, component functional semantics, and certification of component reliability. Cleanroom software engineering has been applied successfully in many commercial and government software development projects. Experience has shown substantial improvement over traditional results.

To enroll, submit an On-Board Training Request (NAWC-WPNS 12410/2) to Lily Horton, Code 733000E. For more information, call (805) 989-3987 (DSN 351-3987).

## PRACTICAL SOFTWARE MEASUREMENT (8 hrs.)

18 May; Monday, 0800-1700; Training Center, China Lake. By: PSM Support Center

Practical Software Measurement (PSM) can help program managers do a better job. PSM is designed to identify issues and objectives important to a program's success, help implement a measurement program focused on those issues, and provide objective insight into those issues throughout the program's life. PSM applies to both weapons systems and automated information systems.

This is a 1-day course that describes the PSM issue-driven measurement process and includes practical hands-on tailoring and application exercises. This course teaches the basic skills needed to select and apply software measures at the program level.

To enroll or obtain further information, contact Ruth at 939-7086 (DSN 437-7086).

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

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

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

This 1-day course builds a firm foundation of marketing R&D projects within the Navy bureaucracy in Washington, D.C. This seminar will touch upon a full spectrum of marketing-related topics, including significant global, national,

## CAREER TRANSITION AND RESOURCE CENTER

Need help formulating future career plans? Unsure of how to prepare a resume or complete an SF-171? Confused about the demand for your skills and educational background in today's work environment? Visit the Career Transition and Resource Center (CTRC) at Point Mugu or China Lake for assistance with all your career planning needs. Both sites offer full-service career transition assistance daily and personal career counseling by appointment. Center resources include periodicals, brochures, and books on many topics including career planning, job search strategies and techniques, and retirement. IBM-compatible and Macintosh computers with laser jet printers and software are available to help you write your SF-171 or OF-612 and resume, determine your interests and values, or search available job listings via bulletin boards. For more information about the CTCR or to schedule an appointment, call 989-3997 (Point Mugu) or 939-2359 (China Lake).

and budget trends and their implications for R&D; the DOD R&D structure and its terminology; relevant organizations in obtaining R&D funding; the significance of organizational relationships; the role of the political environment; developing a marketing plan and strategy; persuasion techniques; and presenting a project for maximum impact. Although focusing primarily on early R&D for the Navy,

much of the class is applicable to the later phases of R&D and other government organizations.

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

To enroll, at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Nogle, Code 733000D. For further information, call 939-3159 (DSN 437-3159).

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

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

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

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

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

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

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

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

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

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

#### PERSONAL SOFTWARE PROCESS (PSP) CLASS

9, 11, 16, 18, 23, 25 June; 14, 16, 21, 23, 30 July; 0800-1600; Training Center, Point Mugu. Instructors: Brad Clark & Jeff Schwalb

**Note:** Students will need to be present at a majority of these 12 sessions, and structured lessons from the 12 sessions must be complete to receive a certificate from the course.

The Personal Software Process (PSP) class presents a process-based method that software engineering can use to apply software engineering principles to their work. The course shows engineers how to plan and manage their work and how to apply process definition and measurement to their personal tasks. It uses quality management principles and the Capability Maturity Model (CMM) framework to demonstrate the benefits of using sound engineering principles in software development and maintenance work.

The PSP uses a structured sequence of defined processes—10 software-development and five data-analysis exercises—to demonstrate the methods introduced during the course. From analyzing data on their own work, engineers better understand how these

methods work for them and gain the conviction to more consistently use the methods they find most effective. Engineers finish the course with a better understanding of their own capabilities and an appreciation of the ways in which they can improve personal performance. The PSP thus provides a powerful mechanism for individual and personal growth.

The data on the PSP introduction at several universities and companies show that engineers significantly improve the quality of their work, learn how to plan their projects, and improve their productivity.

To obtain more information or enroll in this class, contact Ruth at 939-7086 (DSN 437-7086).

#### BASIC SUPERVISION (40 hrs.)

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

**Intended Audience:** Probationary supervisory personnel.

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

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

#### INTRODUCTION TO PROCESS DEFINITION (8 hrs.)

19 June; Friday, 0800-1700; Training Center, Point Mugu.

This class is designed to assist students in documenting and defining processes and is excellent for organizations to start their process definition efforts. However, anyone who defines and documents processes will find this part of the course useful. This course will provide students hands-on experience designing, documenting, and evaluating processes. Feedback mechanisms and measurements will be introduced as a vehicle to process improvement.

To enroll or obtain further information, contact Ruth at 939-7086 (DSN 437-7086).

#### INTRODUCTION TO NAVY WORKING CAPITAL FUND (24 hrs.)

23-25 June; Tuesday-Thursday, 0800-1600; Training Center, China Lake.

By: Navy Financial Management Career Center

This course provides an introduction to the Navy Working Capital Fund (NWCF), how a revolving fund is managed, industrial fund accounting and budgeting within the DON with emphasis on cost accounting, billing and cost control analysis, and unit cost. Concepts covered include general revolving funds, accrual accounting, financial statements, unit cost, cash management, and budget analysis.

To enroll at China Lake, submit an On-Board Training Request (NAWCWPNS 12410/2) to Pat Nogle, Code 733000D. For further information, call 939-3159 (DSN 437-3159).

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

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

This 1-day course presents an overview of the optical, Thermal, and mechanical characteristics of infrared-transmitting window and dome materials, with a special section on chemical-vapor-deposited diamond technology. Other topics include thermal shock response, rain and particle erosion, protective coatings, antireflection coatings, and electromagnetic shielding. Single-crystal growth, ceramic hot pressing, chemical vapor deposition, and optical finishing will be described in addition to the latest advances in dome and window design and testing. The course is directed at engineers, scientists, and managers

#### CSUB SUMMER COURSE

The following course is being offered this summer at China Lake for the Cal-State University, Bakersfield (CSUB) bachelor's degree program in business administration and master's degree program in administration. To obtain a course description, tuition support/cost information, and registration forms for this course, call Cecil Webb, 939-0878. Classes will be held at the Training Center, 1610-2110, on the days indicated. The course is 5 quarter units (40 hours).

ADM577: Human Resources Management, Tuesdays and Thursdays, 16, 18, 23, 30 June and 7, 9, 14, 21, 23, 28 July.

#### TRAINING COURSE SCHEDULE AVAILABLE ON THE WEB

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

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

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

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

#### CPR COURSES OFFERED AT POINT MUGU

CPR, HEARTSAVER II (7 hrs.)  
0800-1500; Training Center, Point Mugu

4 June (Thursday)  
9 June (Tuesday)  
24 June (Wednesday)  
25 June (Thursday)  
9 July (Thursday)  
23 July (Thursday)

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

#### NAVAL SURFACE WARFARE CENTER (NSWC) COURSES

Listening and Memory Development	19-20 May
Effectively Working With People	16-17 June
Laser Technology Systems and Applications	16-19 June
Troubleshooting Electronic Equipment	22-26 June
Electronic Communication Principles	18-20 August
Digital Communications	14-18 September
Digital Devices	22-24 September

These courses are sponsored by NSWC and offered to NAWCWPNS employees on a space-available basis, and there is no cost. Supervisory permission is required to attend these courses. To register, contact Helen Casteel at (805) 989-3003 (DSN 351-3003) or via e-mail, or call Ron Rogers at (805) 989-3997 (DSN 351-3997).

who need an introduction to properties, performance, and manufacture of windows and domes. The textbook, *Infrared Window and Dome Material*, by Daniel C. Harris (SPIE Press, 1992), is included with the course materials.

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

#### FSDB COURSES

Do you need financial summary reports that provide the data and format you need? If so, enroll now in one of our FSDB courses.

The Financial Summary Database (FSDB) Project Office will be presenting the following courses from 0800 to 1600 in the Training Center Macintosh Labs at China Lake and Point Mugu.

#### BASIC FSDB COURSE

**Prerequisites:** Students should be proficient in Microsoft Excel. Experience in requesting and analyzing financial reports is desired. It is also highly recommended that students purchase the BusinessObjects client software prior to attending the class. To purchase the software, QuickMail your request to the FSDB Help Desk giving your full name, code, phone, and job order number. Request that they purchase and install the software for you. Immediately after completing the training course, contact Jessica Vincent at 927-1500 (DSN 469-1500) to request an FSDB account. With the software and an account, you can immediately start practicing what you have just learned in class.

**Intended Audience:** Administrative Officers, Business Managers, Budget/Financial Analysts, and anyone requiring financial summary data to create reports.

The FSDB v1.1 Basic Training course will introduce participants to the FSDB, which provides a streamlined, flexible, and powerful tool for querying and reporting financial information from the NIFMAS financial system. Participants will learn how to use the BusinessObjects query and reporting software to obtain the financial information they need. The class will also cover defining, organizing, and using the financial information available from FSDB. When NAWCWPNS converts to a new financial accounting system in 1998, FSDB will be one of the primary financial summary reporting tools for field users. Students are allowed to attend this course more than once.

#### ADVANCED FSDB COURSE

**Prerequisite:** Completion of the FSDB Basic Training course, plus additional time actually using FSD.

**Intended Audience:** Administrative Officers, Business Managers, Budget/Financial Analysts, and anyone requiring summary financial data to create reports.

The FSDB v1.1 Advance Training course will cover more advanced tools within BusinessObjects. The Reports Repository and Library will be discussed; we will show you how to download some of the Command's standard reports, in addition to special reports already created by various Competencies.

#### FSDB CLASS SCHEDULE

To enroll, QuickMail your request to the FSDB Help Desk with your name, code, and phone number, or contact Carol Anderson at 939-1157 (DSN 437-1157).

#### CHINA LAKE

(B) 19 May, Tuesday  
(A) 21 May, Thursday  
(A) 2 June, Tuesday  
(B) 4 June, Thursday  
(B) 16 June, Tuesday  
(A) 18 June, Thursday  
(A) 30 June, Tuesday  
(B) 16 July, Thursday  
(A) 28 July, Tuesday

(B) = Basic FSDB Course  
(A) = Advance FSDB Course

#### POINT MUGU

(B) 19 May, Tuesday  
(B) 4 June, Thursday  
(B) 16 June, Tuesday  
(A) 18 June, Thursday  
(A) 30 June, Tuesday  
(B) 14 July, Tuesday  
(A) 30 July, Thursday

#### NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY98 SEMINARS

NAEI courses are designed for GS-13s/Lieutenant Commanders/Majors (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and have priority for available billets. Program costs, travel costs, and per diem expenses are funded by each participant's competency. Nominations are submitted on a NAEI form that must include a **Job Order Number** to cover program costs. A DD Form 1556 is not required. To obtain a nomination form, contact Mary Glasmann, Program Coordinator, Code 733000E, Point Mugu, (805) 989-3982 (DSN 351-3982). Nominations must be submitted by the deadline dates listed below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO 733000D
Creating and Sustaining the High-Performance Organization	9-14 August	28 May
Contemporary Management Issues and Practices	17-28 August	11 June

#### CPR/FIRST AID CLASSES AT CHINA LAKE

The following CPR (4 hrs.) and CPR/First Aid (8 hrs.) classes are schedule at China Lake. All classes will be held at the China Lake Safety Office, Bldg. 00465, Training Room "A."

To enroll, use the on-line registration address <http://vulcan/safety/index.html> or call 939-2315.

9 June (Tuesday)	CPR (0730-1130)	14 July (Tuesday)	CPR (1230-1630)
9 June (Tuesday)	CPR (1230-1630)	15 July (Wednesday)	CPR/First Aid (0730-1630)
10 June (Wednesday)	CPR/First Aid (0730-1630)	16 July (Thursday)	CPR/First Aid (0730-1630)
11 June (Thursday)	CPR/First Aid (0730-1630)	21 July (Tuesday)	CPR (0730-1130)
16 June (Tuesday)	CPR (0730-1130)	21 July (Tuesday)	CPR (1230-1630)
16 June (Tuesday)	CPR (1230-1630)	22 July (Wednesday)	CPR/First Aid (0730-1630)
17 June (Wednesday)	CPR/First Aid (0730-1630)	23 July (Thursday)	CPR/First Aid (0730-1630)
18 June (Thursday)	CPR/First Aid (0730-1630)	4 August (Tuesday)	CPR (0730-1130)
23 June (Tuesday)	CPR (0730-1130)	4 August (Tuesday)	CPR (1230-1630)
23 June (Tuesday)	CPR (1230-1630)	5 August (Wednesday)	CPR/First Aid (0730-1630)
24 June (Wednesday)	CPR/First Aid (0730-1630)	6 August (Thursday)	CPR/First Aid (0730-1630)
25 June (Thursday)	CPR/First Aid (0730-1630)	11 August (Tuesday)	CPR (0730-1130)
14 July (Tuesday)	CPR (0730-1130)	11 August (Tuesday)	CPR (1230-1630)