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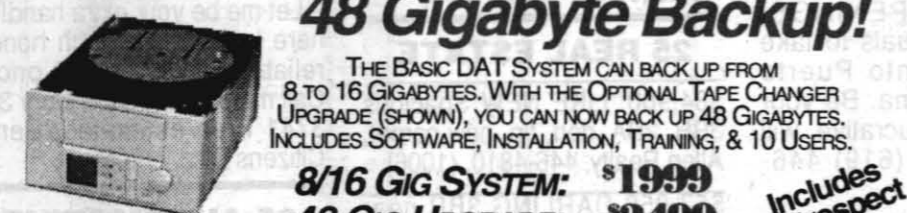
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THE ROCKETEER

THURSDAY, OCTOBER 6, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 20

Harrier destroyed after pilot punches out safely

By Barry McDonald
Editor

While the pilot, in his own words, got out "without a scratch," the tedious investi-

gation has begun into what caused the crash, Tuesday, Sept. 27, and total destruction of the AV-8B Night Attack Harrier he was flying. Maj. Brooke Paulger, executive officer of the Marine Aviation Detachment, began to experi-

ence problems a short while after taking off from Armitage Field and ejected when the aircraft reached a fairly low altitude. The crash occurred at approximately 4:40 p.m., roughly six miles southeast of the NAWS back gate.

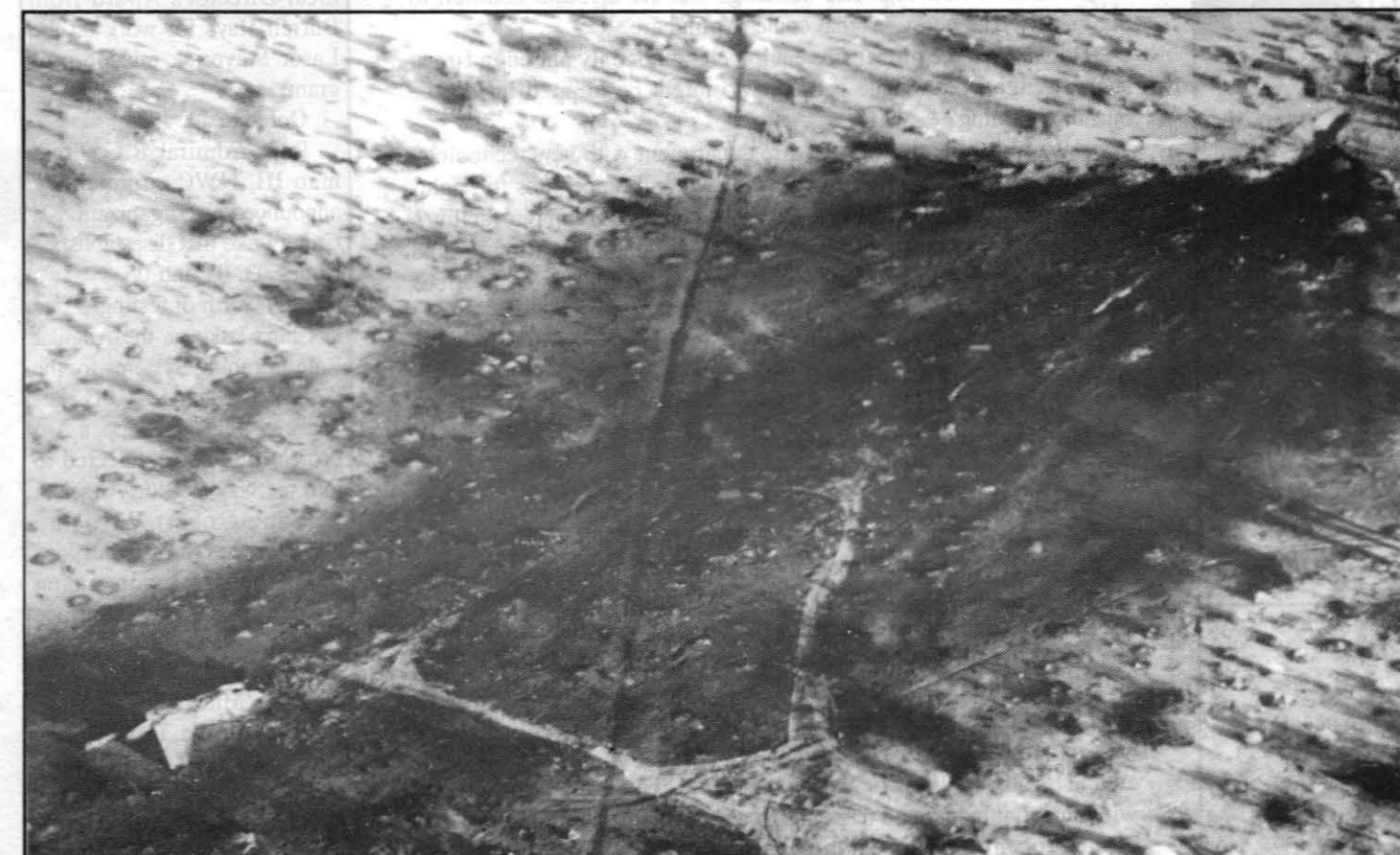
The Harrier was carrying no ordnance.

The \$23.7 million Harrier was one of six onboard the Station, three of which are assigned to Air Test and Evaluation Squadron Nine. Besides the lost aircraft, NAWS has a 2-seat trainer and a relatively new Harrier II-Plus, known as the radar Harrier. VX-9 flies one each of the Day Attack, Night Attack and II-Plus versions. Since the Harrier was completely destroyed and it was valued at more than \$1 million, the mishap qualifies as a Class "A" mishap in two categories. Permanent disabilities or fatalities also result in the Class A designation.

Those first on the scene went to the aid of the pilot (see related story), who was up and moving and in the process of sending up flares, first for the F/A-18 that was scrambled to locate him and then for the search and rescue helicopter that picked him up. He was taken to the Ridgecrest Hospital for x-rays and observation and released later that night.

The crash set off a small brush fire that was quickly extinguished by responding fire crews from China Lake and Kern County. Officers from the China Lake and Ridgecrest police departments, the California Highway Patrol and the San Bernardino County Sheriff's Department responded to help with crowd control and safety and the preservation of evidence.

Please see **MISHAP** Page 8



CRASH SITE—Aerial photo shows a furrow (upper right corner) in the desert floor where the AV-8B went in, the scorched ground resulting from the fire and the remains of the fuselage.

Photo by Dan O'Connor, TID

Vice president recognizes local Heroes of Reinvention

By Peggy Shoaf
Staff Writer

Procurement departments are usually viewed as paper-producing bureaucracies, with "Red Tape" being their middle names. They are monopolies that don't often have to scrutinize their costs for themselves or for others.

Well, members of the Procurement Department at the China Lake site of the Naval Air Warfare Center Weapons Division decided they didn't want that to be their image. So, the department formed teams, made up of customers and representatives from all the depart-

ments that had a stake in the process, to figure out why products cost as much as they do, and if the end results are worth those prices. In addition, they looked at their customers' needs to see how they could improve their processes to better serve those needs, lowering costs to themselves and their customers.

Throughout the procurement process team members identified costs — from the original customer order to the cost of processing by the Procurement Department to the cost of vendor delivery and, finally, to the processing costs involved in payment to the vendor.

Through this self-analysis, two processes emerged — SPEDI and BANKCARD — resulting in reducing small

purchase staffing from 75 employees to 17 full time buyers and a few clerical support personnel. In addition, a Life Cycle Cost Process Study showed that the standard cost of a simplified purchase order is \$441.98, while the costs under the BANKCARD and SPEDI systems are \$106.60 and \$90.46, respectively, per order.

The BANKCARD automated program places the buying capability of commercially available off-the-shelf supplies into the hands of the customers. The system electronically interfaces with the Finance and Inventory functions. Timely payment is made to the vendors through the Rocky Mountain Bankcard System in Denver,

Please see **HEROES**, Page 10

Combined Federal Campaign kicks off

RAAdm. McKinney urges
"count your blessings," in
pledge drive videolape

6

Where do I get my travel tickets?

Disbursing will no longer
hand out airline tickets or
travel orders

12

Chemist couple creates laboratory

Tim and Donna Parr
work side by side
for more than 13 years

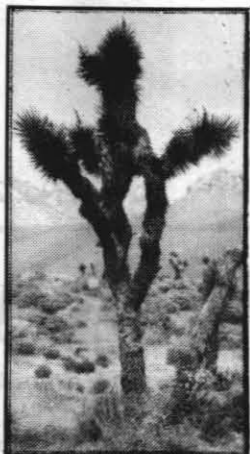
16

VPP seeks VIRT members

Virus Incident Response
Team is first line of defense
against computer bugs

20

weather



	High	Low	Gusts	Humidity
Sept. 21 - 27				
Wed	97	67	21	34-16%
Thurs	100	61	17	41-13%
Fri	101	63	23	—
Sat	96	65	20	—
Sun	98	51	17	—
Mon	101	57	16	30-13%
Tues	98	58	16	49-18%
Sept. 28 - Oct. 4				
Wed	97	63	16	45-21%
Thurs	90	56	24	84-18%
Fri	91	55	9	55-17%
Sat	—	—	12	—
Sun	96	—	16	—
Mon	86	63	29	44-15%
Tues	73	61	28	62-38%

China Lake Calendar

Thursday, Oct. 6

- Government Auction, 9 a.m., Building 1073, Warehouse 41
- Fall Information Technology Expo '94, 10 a.m. to 2 p.m., Seafarer Club

Friday, Oct. 14

- Comproller Shop Chili Cook-Off, 11 a.m. to 1 p.m., Southeast Lawn of the Administration Building

Wednesday, Oct. 19

- IEEE Video Conference, 9 a.m. to noon, Room 107, NAWCWPNS Training Center
- FIP Help Session, 9 to 11 a.m., Room 20001B, Bldg. 02466

Saturday, Oct. 22

- Navy Ball, 6 p.m., Hangar III

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAdm. Dana B. McKinney

VICE COMMANDER

Capt. Roger K. Hull

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. Charles A. Stevenson

Public Affairs Officer

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Managing Editor

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BARRY MCDONALD

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Staff

KATHI RAMONT

Photographer

MARGIE HAMMETT, TID

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The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be mailed to "CO's Desktop," C/O Code C08033 (820000D), NAWS, China Lake.

QUESTION

After reading the article in *The Rocketeer* about the mock flood, I began to think about other possible disasters that could happen on our base. We have new high-rise buildings that are a recent addition to our facility. The questions that come to mind are:

• Do we have the proper fire equipment to not only put out a fire at such a height, but rescue people who might be trapped inside the burning building?

• Have we been updating our fire department with new technology when it comes to state of the art equipment and procedures for fighting the many types of fires that might be encountered on our facility?

• Seems to me that I've seen the same old engines sitting around for a long time with just a new paint job on them. This is a serious matter if this is the case.

• Has the size of our fire department increased in portion with the addition of the new facilities? If not, why hasn't it?

I know that you will agree with me that the safety of everyone on our base is of the utmost importance and that our firefighters and their equipment should be in line with the times.

ANSWER

The fire safety of everyone on station is of the utmost importance to me. Be assured that fire safety is addressed during all phases of planning, design and construction of new buildings on station.

As to the age and condition of the fire engines, the two primary response fire engines located at the main station are approximately eight years old. The reserve engine for the main fire station has, within the past year, undergone a complete rehab. This includes a new motor and a completely rebuilt water pumping system. The fire engine located at the airfield is six years old. This engine is equipped with an aerial ladder and responds to all emergencies where the capabilities for high rise operations are encountered or additional fire fighting personnel are required.

In October of 1993, the Fire Division did receive two new CF4000L Crash Fire Trucks for protection of aircraft and personnel. Currently, a fire engine is being rebuilt and should be back on station within the next month. When completed, it will be assigned to Fire Station No. 4 at Randsburg Wash.

Although some of the new facilities on station are indeed massive in size and height, the current Fire Division equipment is adequate to perform necessary fire control and rescue operations. All new facilities are constructed adhering to strict "Life Safety" fire codes and fire prevention standards. These buildings are equipped with state of the art fire detection systems, including heat and smoke detectors throughout the buildings as well as sprinkler systems designed for the type of work space being protected.

The number of fire fighting personnel has not decreased or increased due to the construction of new buildings. Firefighter staffing is dictated by the rated "fire flow" (in thousands of gallons necessary to control fire) of the building(s) with the largest potential loss, taking into consideration its built-in fire protection systems. The area fire marshal does inspect the Fire Division every two years. The inspection includes a review of staffing, training, equipment, fire prevention program, Fire Division facilities and emergency response capabilities. The Fire Division is staffed and equipped in accordance with DoD policy.

For information, personnel may stop by Fire Station No. 1 at any time to talk to firefighters and look at their equipment. Personnel may also call the fire chief at 939-2146 if they have any questions pertaining to fire safety issues.

Pages From The Past

Oct. 5 & 12, 1984

Commander of the Naval Air Systems Command VAdm. J.B. Bussey visited NWC to fly the Cheap Night aircraft and said to, "keep up the good work". . . . Capt. Scotty Vaught, NWC's chief staff officer, retired after 24 years active duty. . . . For his role in helping flood victims in the Onyx-Weldon area, AE1 Ron Claich was the first enlisted man to earn the NWC Commander's Award. . . . Ray Blackwell received the Technical Director's Award from Burrell Hays for work on the Laser Maverick missile program.

Oct. 4 & 11, 1974

Rear Admiral R.G. Freeman III, NWC commander, announced a reorganization at China Lake that disestablished Codes 03, 04 and 05. . . . Two months worth of testing ended at China Lake on the Angular Rate Bombing Systems for the A-4 Skyhawk and AV-8B Harrier. . . . Lt. Dennis Sapp, a A-4 project pilot, was selected to join the Navy's Blue Angels. . . . Capt. Robert William, NWC executive officer 1966-69, is the first commanding officer for the Naval Surface Warfare Center.

Oct. 2 & 9, 1964

Ralph Middleton, a mathematician in the Test Department, was named Handicapped Worker of the Year for Kern County. . . . Mrs. John I. Hardy, wife of NOTS Commander, has joined the Maturation Museum board of trustees. . . . Ed Harris, United Fund president, said the goal for 1964 is \$31,000 and 100 percent participation. . . . NOTS officials learned the Station surpassed its cost reduction goal by cost-avoidance worth more than \$32 million.

Oct. 1 & 8, 1954

This week, *The Rocketeer* office was on the move and is now located on the second deck of the Housing Office Building. . . . Nine members of the British Joint Services Commission were at China Lake as part of a U.S. tour. . . . The annual Community Council election on Nov. 2 will be used to select all 20 community council members. . . . Cdr. E.E. Gibson, resident officer in charge of construction, opened bids for work planned at Michelson Laboratory and Randsburg Wash.

COMMUNITY EVENTS

On Oct. 11 WACOM will host Ken Withington, the singer from down under whose music lifts you up and over, during its October meeting at the Seafarer Club. The social hour begins at 11 a.m., with lunch at 11:30, followed by the program. Reservations are required and may be made by calling Joanie Miller, 375-5434. Everyone is invited to attend.

####

On Tuesday, Oct. 11, The Navy League will hold its October meet at Faris at the Heritage. LCdr. Lori Tanner, the guest speaker, will relate her "Experiences as a Naval Aviator." LCdr. Tanner is currently assigned as a F/A-18 project pilot. A "no host" social hour starting at 6 p.m. will precede the meeting, which

starts at 7 p.m. with an autumn buffet, featuring roast turkey with dressing and baked ham with yams. Reservations should be made by Friday, Oct. 7, by calling Cecile Biery at 446-4730 or Lynda Smith at 375-7854.

####

Low-cost pregnancy screening services will be offered by the Kern County Health Department, 250 W. Ridgcrest Blvd., Oct. 11 and 18 from 8 to 10 a.m. Services include pregnancy testing, counseling, health education and referral information on prenatal and family planning services. The test offered by the health department can determine pregnancy as early as two days after a missed menstrual period. Cost is \$5 for each pregnancy test. Medi-Cal will be accept-

ed. Credit cards, insurance forms and large bills, however, will not be accepted. #####

Benefiting the women's Shelter Network, the sixth annual High Desert Toy Run is slated for Saturday, Oct. 15. Check in will be at 8:30 a.m. in the Wal-Mart parking lot in Ridgecrest. The parade of motorcycles will leave at 10:30 a.m. for Pearsonville Park via China Lake Blvd. and highways 178 and 395. Entrance fee is one new, unwrapped toy and one can of food. Food for participants will be provided by the Apostolic Lunch Bunch and Goody's BBQ. Everyone is welcome to attend. After the toy run, participants and guests are invited to stay for the stock car races at IMI Raceway, which start at 7 p.m.

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25 REAL ESTATE

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30 BUSINESSES

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35 AUTOMOTIVE

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MWR directory

Auto Hobby Center Tuesday-Friday Open Flex Friday Saturday & Sunday Closed Mondays	11 a.m. to 8 p.m. 11 a.m. to 8 p.m. 9 a.m. to 6 p.m.	939-2346
John Pirooska, Manager		
Bowling Center Snack Bar Monday-Friday Saturday, Sunday & Holiday	10 a.m. to 8 p.m. 10 p.m. to 8 p.m.	939-3471 939-8865
John Pirooska, Manager		
Child Development Centers Monday-Friday Closed Flex Friday	6:30 a.m. to 5:30 p.m.	939-6681
Debra Oliver, Manager		
Craftech & Information, Ticket & Tour Monday-Thursday Friday (including Flex) Saturday Closed on Sunday	10 a.m. to 7 p.m. 10 a.m. to 3 p.m. 10 a.m. to 3 p.m.	939-3252
Pat Pirooska, Manager		
Family Child Care (FCC) Monday-Friday Closed Flex Friday	6:30 a.m. to 5:30 p.m.	939-6681
Janet Presley, Coordinator		
Golf Course Daily Snack Bar Sunday-Monday Tuesday-Saturday	6 a.m. to dusk 6 a.m. to 7 p.m. 6 a.m. to 8 p.m.	939-2990 939-2563
Tom Page, Manager		
Gymnasium Monday-Friday Flex Friday Saturday Sunday & Holidays Clear issue hours vary, depending upon the type of equipment being checked out.	5:30 a.m. to 9:30 p.m. 5:30 a.m. to 9:30 p.m. 8 a.m. to 9:30 p.m. 10 a.m. to 6 p.m.	939-2334
Karen Rivers, Gym Manager		
Library Monday-Thursday Friday & Saturday Sunday	11 a.m. to 8 p.m. Closed 10 a.m. to 6 p.m.	939-2595
Elizabeth Shasteler, Librarian		
Main Office Monday-Friday Closed on Flex Friday	7 a.m. to 5 p.m.	939-2018
Movies' On Up Center Monday-Friday Closed on Flex Friday	6:15 a.m. to 5:45 p.m.	939-2909
Letta Drake, Acting Manager		
Pools China Lake Community Pool Solar Park Pool Hours are seasonal. Call the gym for specific hours.		927-3721 939-3980
Wendy Burge, Coordinator		
SATO Leisure Travel Monday-Friday Flex Friday	8:30 a.m. to 5 p.m. 10 a.m. to 2 p.m.	444-7751
Sherry Clark, Manager		
Seafarers Club Office Monday-Friday Closed Flex Friday CPO Lounge Monday-Friday Closed Flex Friday Dining Room Lunch Monday-Friday Closed Flex Friday Sunday Brunch Pizza Sports Bar-Bredy's Place Monday-Thursday Friday Flex Friday Saturday Sunday	8 a.m. to 4 p.m. 3:30 to 9 p.m. 11 a.m. to 1 p.m. 9:30 a.m. to 1:30 p.m. 11 a.m. to 10 p.m. 11 a.m. to 11 p.m. 5 to 11 p.m. 10 a.m. to 5 p.m.	939-8658
Pizza/Sandwich Delivery Hours (with a minimum order of \$10) Barfoot Bar Wednesday & Friday Thursday of Flex Week	4 to 9 p.m. 4 to 9 p.m.	939-3166
Phil Madrid, Manager		
Stables Monday-Friday	8 a.m. to 5 p.m.	939-3471
John Pirooska, Manager		
Teen Center Monday-Thursday Friday Saturday Closed on Sunday	10 a.m. to 9 p.m. 10 a.m. to 11 p.m. Noon to 9 p.m.	927-TEEN
James Morrison, Supervisor		
Youth Center Monday-Friday Closed Flex Friday	7:30 a.m. to 5:30 p.m.	939-6884

Pete Rommelt, Acting Director, MWR
Pete Rommelt, Deputy Director, MWR

Trailers for rent

Want to go exploring California but don't have a trailer? The NAWS Gymnasium has trailers for rent. For more information, call 939-2334.

TRIATHLON from Page 25

Karen Rivers, NAWS China Lake Gymnasium manager, thanked all the volunteers who helped make this year's triathlon a success and gave special recognition to the triathlon committee that worked very hard to prepare for and execute this event. The committee members included David George, Phil Martin, Frank Foust and Susan Hennigan.

Loy Vincent, commercial sponsorship and special events coordinator, thanked all the sponsors who went out of their way to support MWR, supplying 100 percent of the prizes and food for this year's event. Sponsors included In-Touch Physical Therapy, Pizza Hut, Spring Water of Ridgecrest, Nashbar water bottles and Power Bar Inc. Vincent also gave special recognition to Chuck Bennett for the use of his timing clock and to T.J. Frisbees for the use of their flags.

With this year's event over, ideas are already being thought of for next year. Rivers said she hopes next year's event will include a special category for youth.



TEAM contenders make the switch.

Halloween bowling tournament set

It's creepy and it's spooky. It's all together kooky. It's the Hall Memorial Lanes Halloween Bowling Tournament set for Saturday, Oct. 29.

The costume judging will be at 6:30 and 9:30 p.m., with non-sanctioned bowling action slated for 7 and 10 p.m.

All military and Department of Defense personnel, DoD contractors and

their guests are invited to join the fun. Cost is \$12 per person, and costumes are not required.

Registration can be made at Hall Memorial Lanes, located on King Street, across from the ball fields.

For more information, call Barry Hileman at 375-3623.

Job seekers can find help at Community Library

In today's fiercely competitive job market, job seekers need all the help they can get. The Morale, Welfare and Recreation Department's Community Library at the Naval Air Weapons Station China Lake has a wealth of information helpful to job seekers. The library subscribes to a weekly service that compiles the "help wanted" ads from 64 cities and publishes them on microfiche. HELP WANTED USA may be used in the library during regular business hours.

Also of interest to job seekers is a new reference series called JobBank. At

present, the library's collection represents 17 areas around the nation. For example, the Los Angeles JobBank is the job hunter's guide to Southern California. This volume profiles 12,900 employers, presents advice on job hunting, resume and cover letter writing, who's hiring and more. These volumes are in the reference collection and must be used in the library.

The library's general collection includes many volumes to assist the job hunter prepare a resume that will be an eye-catching and convincing door opener to that all important interview.

These volumes will also provide you with everything you need to know to decide what kind of job you want; effectively plan your job hunting campaign; and prepare yourself for the interview, psychologically, professionally and emotionally.

Job hunters need not be registered patrons of the MWR Library. All materials may be used in the library. There is a Xerox machine available to copy pertinent information. The library's hours are from 10 a.m. to 6 p.m., on Sunday, and 11 a.m. to 8 p.m. Monday through Thursday.

Children's Center hosting parenting classes at NAWS

Parents of babies, toddlers and preschoolers are invited to take this true-false quiz.

Strained pea stains can easily be removed from shirt fronts.

Taking your toddler shopping, after she's missed her nap, is more fun than a root canal.

Toilet training an elephant would be more difficult than training your child.

Your five-year-old's new toy will remain unbroken for at least an hour.

When, for the third time, you awaken to the sound of crying in the middle of the night, it's your spouse, not your baby.

For answers to these and your real questions about parenting young children, join an Early Childhood STEP group. STEP stands for Systematic Training for Effective Parenting of

Children Under Six.

The Morale, Welfare and Recreation Department at the Naval Air Weapons Station China Lake are now hosting STEP classes. Even though the first class has already been held, it's still not too late to join. Seven more classes are scheduled for Tuesdays at the Children's Center, Building 457, from 11:30 a.m. to 1 p.m.

For more information, call Janet at 939-6683 or Debra at 939-4208.

Discount tickets to Southern California amusement parks are available

Special discount tickets for several Southern California amusement parks are available at Craftech aboard the Naval Air Weapons Station China Lake.

Military and civilian personnel can take advantage of the Military Super Saver Tickets for Sea World of California. Tickets are only \$19.15 per adult and

\$13.45 per child 3 to 11 years of age. Amid the whirlwind of activity over Halloween weekend, scary creatures from all walks of life may be seen skulking through Sea World of California. Special events are planned throughout the park Saturday and Sunday, Oct. 29 and 30.

Active duty military personnel, and

their guests, can get into Universal Studios Hollywood for only \$18.50 per person, a \$12.50 savings.

Six Flags Magic Mountain is offering a special discount to military and civilian personnel. For only \$14.95, a \$14.08 savings, discover Batman The Ride, Six Flags' newest attraction.

Cdr. Warren Seal says farewell after 32 years of service to the Navy

By Barry McDonald
Editor

Thirty-two years of Navy service came to a close Thursday, Sept. 22, when Cdr. Warren Seal, acting NAWS executive officer, formally retired in a ceremony on the lawn of the Administration Building. The event also marked a point in China Lake history, as Seal was the last officer still in service here to have arrived when the installation was known as the Naval Weapons Center.

The man who brought him here, Capt. Douglas W. Cook, NWC's last commander, was the guest speaker at the retirement ceremony. He said when he assumed command at NWC he discovered the need for a command weapons officer.

"Capt. Gene Allen was tasked to find a weapons officer who had the background, initiative, judgment and the perspective to facilitate bringing together diverse organizations into a team whose plan of action would not adversely impact the Center's unique RDT&E mission requirements, yet correct our substantiated widespread deficiencies in arms, ammunition and explosives management and additionally meet my expectations," Cook said. He went on to point out that Seal was invited to NWC because, in addition to numerous fleet assignments, his biography included assignments as weapons logistics manager to commander, Naval Air Force, Pacific Fleet; team leader of the COMNAVAIR-PAC Weapon Safety Assistance Team; and assignment as weapons officer at NAS, Fallon, Nev.

Cook said Seal's formation of the Weapons Action Group stands out in his mind as an excellent example of total quality leadership and empowering employees. That group's work eventually led to the establishment of the Weapons Department with Seal at the helm. "China Lake now speaks with one voice to various external (explosive) safety agencies," he said.

Under Seal the team deactivated 66 facilities that did not meet requirements; obtained 47 portable magazines at no cost; completed a wall-to-wall ammunition inventory, returning numerous items to service; introduced the Fleet Optical Scanning Ammunition Management System for tracking ordnance; turned in more than 19,000 used ammunition containers worth more than \$350,000; and discovered 12 containers with live ordnance.

"If you doubt the significance of what Cdr. Seal and his Weapons Action Group have achieved you might look to the former OIC at White Oak whose day was ruined when a magazine containing in excess of 4,000 pounds of explosives detonated," Cook said. "More recently the commanding officer at Indian Head, who within hours of assuming command, celebrated by watching in excess of 250,000 pounds of ordnance detonate with significant modifications to structures he hardly knew."

"Cdr. Seal's performance and contribution to China Lake clearly exceeded my expectations in every way." After conveying best wishes to Seal from Gerry Schiefer, RAdm. Wayne Smith and Cook's wife, Robin, the former NWC commander closed with a reading of the "Going Ashore Creed."

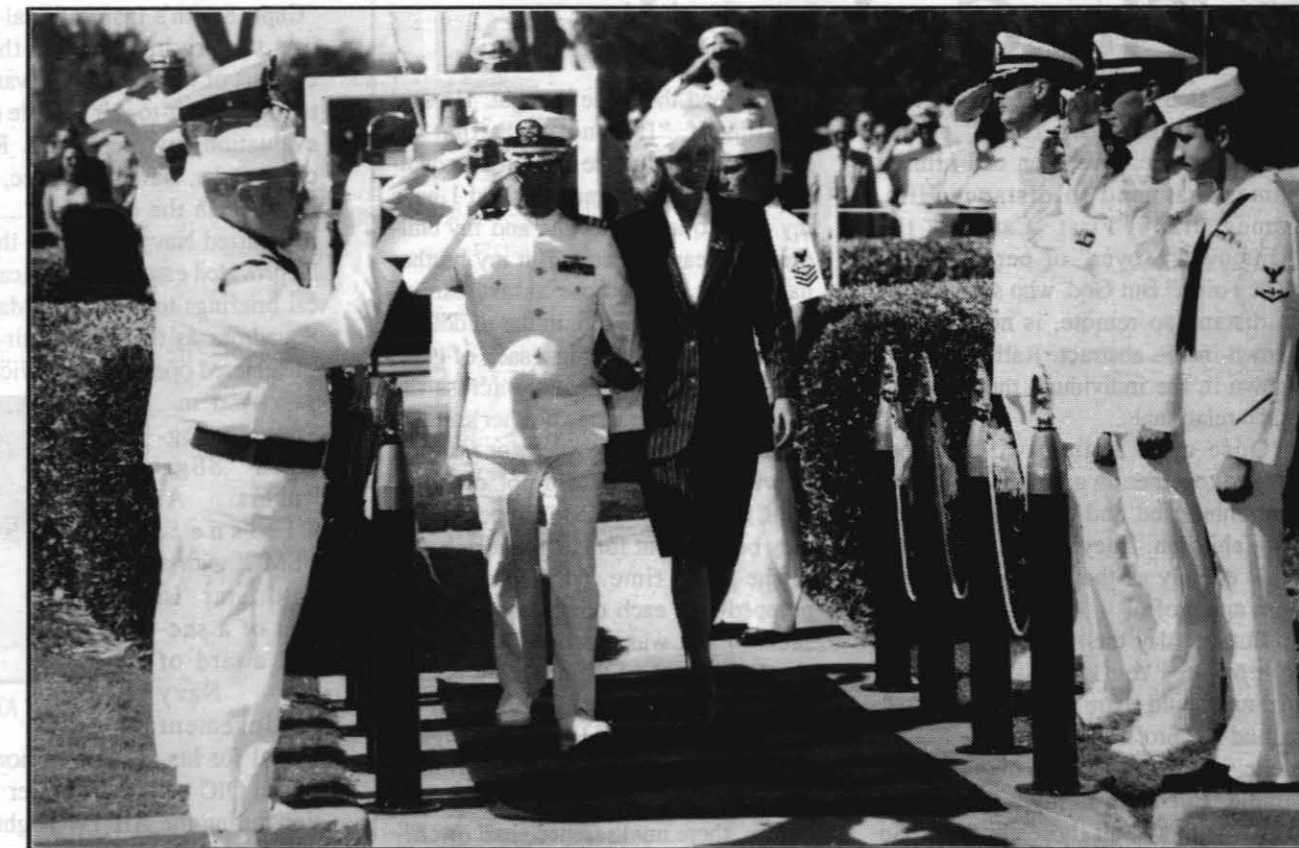


Photo by Tim Tyson, TID

FAREWELL—Cdr. Warren Seal and his wife, Joani, are piped ashore for the last time.

Next up was NAWS CO, Capt. Charles A. Stevenson. "Yesterday while practicing for the ceremony," Stevenson began his address, "I asked Warren what he would like me to say...So here it is—Warren Seal is a really good guy."

Noting Seal's long length of service, Stevenson said, he thought it would be appropriate to give the crowd a snapshot of what life was like in April of 1962, when Seal joined the Navy. "Of course, most of us here today, including Warren's lovely bride, Joani, weren't even born in 1962," Stevenson said.

John F. Kennedy was president at that time; the Cuban Missile Crisis and Ranger IV, the first rocket to the moon, were making headlines; Gregory Peck and Anne Bancroft were best actor and actress; Marilyn Monroe died at 36; "Wagon Train," "Bonanza," and "Hazel" were the best TV shows; gas was 36 cents a gallon and a postage stamp cost 4 cents.

In the Armed Forces, USS Enterprise began its first flight operations; John Glenn became the United States' first man in space; and due to the Cuban crisis all service tours were extended indefinitely.

Locally, a one way ticket to Los Angeles from Inyokern was \$10.40; Burroughs High School was dedicated; the CPO club burned down; VX-5 was the first squadron to receive the new A-4E aircraft; and the Matranglo Museum officially opened on Station.

Stevenson then recounted Seal's career, noting that he joined on his 17th birthday, enlisted as an E-1, made chief petty officer, spent two years as a warrant officer, was commissioned a chief warrant officer two and was retiring as a limited duty officer commander.

Stevenson then handed out the standard certificates

of appreciation and presented Seal with a large shadow box on behalf of the wardroom, before turning the mike over to his outgoing XO.

After thanking friends for attending, handing out gifts and flowers to his female relatives and two of his secretaries, Cdr. Seal explained why he was leaving.

"When I started in this career, I managed to progress fairly rapidly through the ranks and was usually one of the youngest among my peers," he said. "Somewhere along the line I told myself that I would not work for someone younger than I. Most recently I have found that not only have most of my bosses been younger, but even the admirals are becoming younger...It doesn't take much imagination to envision the difficulty I might find myself in if I were to inadvertently refer to Admiral McKinney as 'sonny...' So in the interest of self preservation it is probably best I move on."

Seal vehemently urged the gathering, in not so few words, to exercise their constitutional rights to vote and dialogue with their elected representatives.

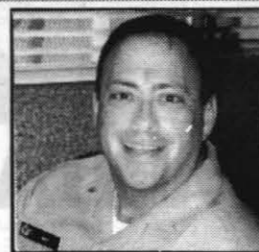
Then, referring to the frustration and stress that BRAC issues and drawdown exercises have brought, he told a story from his military past.

"When I was assigned to Project Muddy Hill...in northeastern Thailand, we were the only Navy unit aboard, had one significantly modified P-2 aircraft on the ramp next to Air America and relied on the Air Force for all our support," Seal said. "This was during the time when the Air Force and the Navy had not quite yet embraced jointness. Needless to say, we did not enjoy the number one priority on a TACAIR base."

Seal explained that in searching for a unit motto they "opted for *illegitimus non carborundum*, which loosely translates to 'don't let (them) get you down.' So my advice to you, my China Lake friends, as I leave today is *illegitimus non carborundum*."

Chapel Call

Submitted by LCdr. T.F. Mele, CHC, USN
Command Chaplain



The God up there

Often we think of God as being distant, "up there" somewhere. We even call him by names that tend to distance Him, names like "First Cause," the "Unmoved Mover" or perhaps even "The Force." But God, who seems to be so distant, so remote, is never really known in the abstract. Rather, God is known in the individual, the personal, in the relational....

Once upon a time two brothers worked together on a family farm. One was unmarried and the other married with children. They shared what they grew equally as they always did, produce and profit.

But one day the single brother said to himself, "You know, it's not right that we should share the produce equally, and the profit too. After all, I'm all alone, just by myself and my needs are simple. But there is my poor brother with a wife and all those children." So in the middle of the night he took a sack of grain from his bin, crept over the field between their houses and dumped it into his brother's bin.

Meanwhile, unknown to him, his

brother had the same thought. He said to himself, "It is not right that we should share produce and profit equally. After all, I am married and I have my wife to look after me and my children for years to come. But my brother has no one, and no one to take care of his future." So, he too, in the middle of the night, took to taking a sack of grain from his bin and sneaking across the field to deposit it in his brother's.

And both were puzzled for years as to why their supply did not dwindle. Well, one night it just so happened that they both set out for each other's house at the same time. In the dark they bumped into each other carrying their sacks. Each was startled, but then it slowly dawned on them what was happening. Suddenly the dark sky lit up and a voice from heaven spoke, "Here at last is the place where I will build my Temple. For where brothers meet in love, there my Presence shall dwell."

And so it is! The Absolute God is known now, not in the abstract, but in the personal. Wherever we find genuine love and compassion in the heart of man, we will find the heart of God.

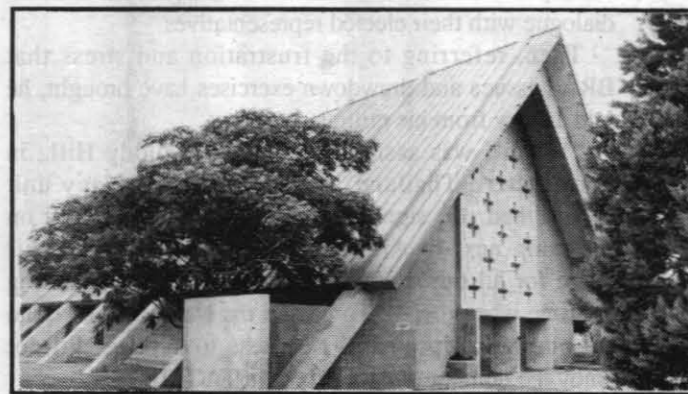
Military members invited to free luncheon

Dr. Harry W. Lewis, pastor, and the congregation of Immanuel Baptist Church have extended an invitation to lunch to all members of the military.

This military appreciation luncheon is

set for 11:30, Wednesday, Oct. 19, at the church at 201 Graaf Ave. in Ridgecrest. Those attending the luncheon will have the opportunity to meet visiting evangelist Jim Atkins.

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Chaplain Steve Leppman, Lt., CHC, USNR

Office Hours Monday-Friday, 0730-1630; Flex Fridays, 0730-Noon
939-3506, 939-3507, 939-2773, 939-2873

Air Test and Evaluation Squadron Nine presents seven major awards at quarters

At quarters for Air Test And Evaluation Squadron Nine (VX-9) Sept. 1, Capt. Russell M. Smith, USMC, topped the list of awardees, receiving the Navy Commendation Medal for services with VX-4 from July 1992 to April 1994. "Capt. Smith's inspirational leadership was the driving force in the flawless conduct of the AIM-20 Advanced Medium Range Air-to-Air Missile operational evaluation," wrote VAdm. R.J. Spane, commander, Naval Air Force, U.S. Pacific Fleet, in the citation. "...As the the recognized Navy expert on the AIM-20, he provided essential technical and tactical briefings to Navy and Marine Corps Squadrons as this newest air-to-air missile entered operational service."

VAdm. Spane recognized SSgt. Robert A. Kleisner, USMC, with a gold star in lieu of a second award of the Navy Achievement Medal for his service as non-commissioned OIC of VX-5's Power Line Division during the AH-1W Night Targeting System Chief of Naval Operations Project 1244 from October 1992 to February 1994. "SSgt. Kleisner worked tirelessly to provide a safe working environment, while accomplishing four aircraft phase inspections and training subordinates on the intricacies of replacing two AH-1W tail booms," the admiral wrote, in the citation. "During preparation for the (evaluation), he conducted the predetachment planning for five remote sites and performed acceptance inspections on (an aircraft) while deployed to White Sands..."

Sgt. Lance Bills received the NAM for service with VX-5 as AH-1W Cobra avionics technician from April 1992 to February 1994. "During this period, Sgt. Bills' meticulous efforts were pivotal to successful completion of the Night Targeting System operational evaluation,"

VAdm. Spane wrote. "Under his leadership, the Avionics Division maintained 100 percent mission capable aircraft while supporting 266 flight hours and 23 missile firings while deployed at seven remote sites. His technical expertise and leadership was demonstrated when two Night Targeting Systems were removed and replaced at two remote sites."

The NAM also went to Lt. Gregory B. Prentiss for his service from January 1991 to February 1994 as Avionics/Armament Division officer and air-to-air ground weapons training officer with Strike Fighter Squadron 86. "As the acknowledged air wing expert on the FLIR/LTDR and ALR-67 systems, Lt. Prentiss insured these new and complex weapons systems were fully integrated into both squadron operations and maintenance," wrote VAdm. R.C. Allen, U.S. Atlantic Fleet. "This training program culminated in the successful delivery of 14 or 14 GBU-12 Laser Guided Bombs with all bombs scoring direct hits."

Also recognized with the NAM (gold star in lieu of a third award) was AEL Kevin T. Hurtt for service as leading petty officer of VX-5's F/A-18 Branch from December 1993 to March 1994. "Petty Officer Hurtt's exceptional leadership skills and unwavering dedication to duty were the cornerstone of a flawless transition to type aircraft work centers during the Maintenance Department reorganization," wrote VX-9 CO, Capt. Scott C. Ronnie. "His sound judgment and unsurpassed management abilities



Sgt. Bills



Lt. Prentiss



SSgt. Kleisner

All Faith Chapel Services

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Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
(September thru May)
Bible Study (East Wing), Wednesday 9:00 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 11:30 a.m.
Adult Bible Study, East Wing, Thursday 6:30 a.m.
Jewish (446-3613 Messages) 7:00 p.m.
Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dibb 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday 10:30 a.m.
(September thru May)
1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher
Adult Education Classes, Thursdays 10:30 a.m.
(September - May)
St. Ann's School Library 7:00 - 8:00 p.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.

MWR

More than 100 people participate in triathlon

David George, Pam Harris, Mathew Roberts and Lisa Hansen were the top overall winners in the competition

In its largest turnout in recent history, more than 100 individuals took part in China Lake's 13th annual Triathlon. Capt. Charles A. Stevenson, Naval Air Weapons Station China Lake commanding officer, served as the official starter, aided by his executive officer, Cdr. Gregg Howard.

This year's triathlon was divided into two parts. The long course consisted of an 800-meter swim, a 40-kilometer bicycle ride and a 10-kilometer run. The short course consisted of a 200-meter swim, a 13-kilometer bike ride and a 5-kilometer run.

Overall male winners in the long course were David George with a time of 2 hours, 13 minutes and 17 seconds; David Dunaway, 2:15:03; and Ivan Wright, 2:15:39. Overall female winners in the long course were Pam Harris, with a finishing time of 2:30:41; Susan Henni-

gan, 2:39:12 and Lori Tanner, 2:44:29.

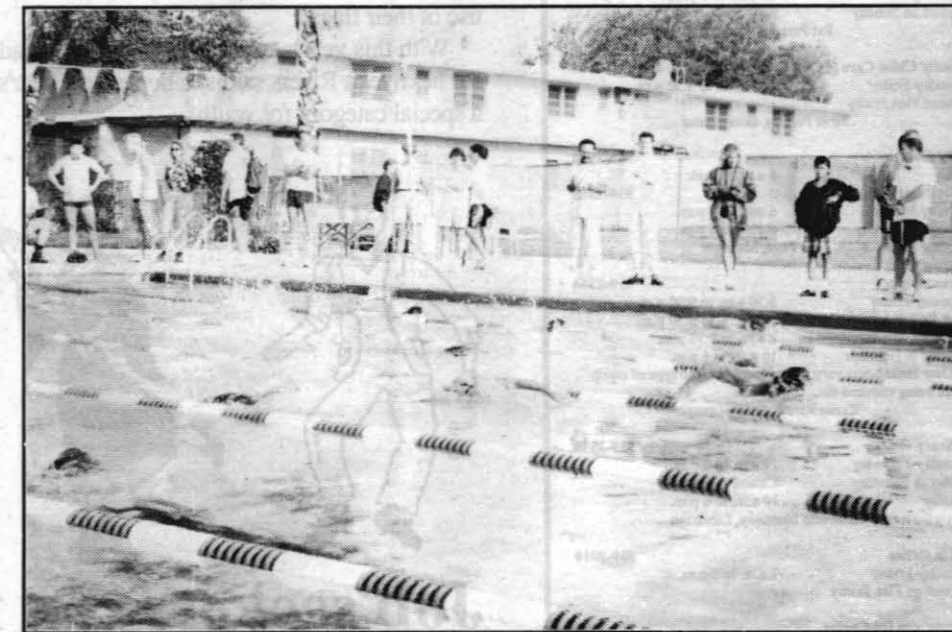
The overall male winners in the short course were Mathew Roberts clocking in at 0:54:50; Charles Bechtel, 0:54:54 and Rick Miller, 0:55:28. The overall female winners in the short course were Lisa Hansen, who tallied a time of 1:05:19, Erin Beal, 1:07:41 and Kelly Hastings, 1:07:41.

The top team winner in the long course, male division was Spigatits, Kernhe and Nievelstein, with a time of 2:20:04. The top female team was Watkins, Lemmonier and Freeman, who clocked in at 2:07:33.

In the short course, the top male team was Rein, Skowion and Thulhammer, who tallied a 0:53:16 finish. The top female team was Lytell, Dysart and Quashnock, who crossed the finishing line in 1:03:03.

The day-long event ended with a post event celebration party sponsored by In-Touch Physical Therapy. During the party,

Please see **TRIATHLON**, Page 26



Photos by Loy Vincent, MWR

THEY'RE OFF — Viewers watch as competitors swim their laps.

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Tarantulas are migrating

Desert tarantulas only look fierce. They are remarkably docile and harmless creatures.

Fall is the time tarantulas migrate. They can be seen marching across the desert in search of a mate. The ones seen are usually males, the females staying snug and safe in their burrow.

The migration is fraught with peril. Many birds, lizards and snakes are glad to dine on the tasty tarantula. And, there's the large blue-black wasp with orange wings, often called the tarantula hawk, that is the most fierce enemy. Its sting paralyzes the spider. The wasp then drags the tarantula to a prepared burrow, deposits its egg on the abdomen and seals the victim in. When the egg hatches, the larval wasp feeds on the paralyzed tarantula.

Still they march on. Upon finding a female burrow, he taps the ground with his leg to announce his arrival. Like other spiders, he might consume him at the time of courtship. The following May or June, the female will lay 500 to 1,000 eggs and place them in a silken cocoon. She will watch over the eggs until they hatch, in about six weeks. The young spiders stay close to their mother for several days before leaving her burrow.

The tarantula is a useful member of the desert fauna and should not be persecuted or killed. If their presence is not wanted, they should be placed in a container and moved to some area where they can continue their useful lives.

(Reprinted from the fall issue of the Red Rock Canyon State Park newsletter.)

U.S. enters into 12th year of sexual equality

The United States has entered its 12th year of sexual equality in space.

On June 18, 1983, Sally Ride rode into American history aboard the space shuttle Challenger. The physicist and pilot, who was 32 when she became the first American woman in space, returned to earth at Edwards Air Force Base six days later.

Ride missed being the first woman in space by two decades and two days. That honor went to Valentina Tereshkova of the then-Soviet Union, who was 26 when she blasted off aboard Vostok-6 on June 16, 1963.

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were key factors in the (department) achieving all planned goals and objectives ahead of schedule."

Capt. Ronnie also recognized AMH1 John A. McMurray with the NAM for service as LPO for VX-9's First Lieutenant Division from February to June 1994.



AMH1 McMurray

"From the hangar lighting upgrade to the parking lot re-stripping project, squadron spaces have never looked better," the CO wrote. "Displaying total team effort, Petty Officer McMurray's spirit, determination and enthusiasm were the driving force in the division's success."

AZ1 Angela L. Steiert received a gold star in lieu of a third award of the NAM for service as Patrol Section leader, training petty officer and career counselor on board Naval Air Station Bermuda



AZ1 Steiert

from February 1991 to March 1994. "Petty Officer Steiert exhibited extraordinary dedication by researching, drafting and implementing numerous Personnel Qualification Standards and training improvements that significantly contributed to department morale and mission accomplishment," wrote RAdm. Kevin F. Delaney, commander, Naval Shore Facilities, U.S. Atlantic Fleet. "A security expert, she designed, organized and directed realistic security drills dramatically improving the Security Department's response to a variety of situations."

Recognition

A number of other kudos were handed out at the Sept. 1 quarters as well as those on Sept. 22.

AD1 John E. Bastin was recognized as VX-9 Sailor of the Quarter for the second quarter of 1994.

AO2 Bret L. Rideout was named VX-9 Sailor of the Month for July.

AD1 Jerry A. Welsh was named VX-9 Sailor of the Month for August.

AMS3 Stuart W. Funk was named VX-9 Vampire of the Month for July.

AD3 Stanley D. Seiber was named VX-9 Vampire of the Month for August.

Good Conduct Medals were presented to AO3 Kenyetta Wells, AO2 William T. Brown, AO3 Lawrence M. Montoya, AO3 Russell E. Combs and AO3 Melissa A. Wiley.

Corporate Ops Competency wins MAD chili cook-off on Sept. 29th

Capt. Bum Gouge (aka Charles A., aka Mr. Bojangles) Stevenson, NAWs CO, did indeed tap dance at the Hail and Farewell/3rd Annual MAD Western Chili Cook-Off last Wednesday at the Barefoot Bar. Whether his abilities are "infamous" is a matter for the opinion page.

A panel of purported expert judges — Capt. Roger Hull, Bud Biery and John Goettig — gave the nod for best chili to Milt Burford, head of the Corporate Operations Competency, and his wife, Jane. The Burfords received a gift certificate for a pair of Ray Bans valued at up to \$70 from Goettig's Sports Oasis, who provided all chili awards.

A questionable second place went to MAD CO Col. John Moyer and his wife, Paula, who received a \$60 certificate for hiking boots. Third place and a \$50 certificate for a fleece jacket went to Skip Bennett and the Ordnance Systems Department. "Most unique" (sic) chili was that prepared by LCdr. Dave Dunaway for the F/A-18 WSSA. He received a certificate for a unique ball cap.

The Rocketeer's "special edition" poster was ridiculed by Col. Moyer for having the wrong date, an error he attributed to his ongoing persiflage with Capt. Stevenson over the event. The newspaper's chili tied for fourth place with twelve other entrants.

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Take the time to count your blessings...

China Lake begins this year's Combined Federal Campaign

"Take time to count your blessings, the gifts we share do make a difference," RADM. Dana B. McKinney said in this year's Combined Federal Campaign tape. The Naval Air Warfare Center Weapons Division commander noted that China Lakers contributed more than \$350,000 last year, with many codes having a 50 percent or higher participation rate.

The tape was shown to this year's key workers during the annual CFC kickoff, which was held in Room 1000D of Michelson Laboratory last Tuesday. Through Nov. 17, these key workers will be contacting every civilian and military employee at China Lake and its tenant commands, asking them to "make a difference," by pledging in this year's campaign.

Mike Farrell, who played B.J. Hunnicutt in the "M.A.S.H." television series, opened the tape, noting that the Ridgecrest/China Lake community has proven its ability to care by shipping tons of supplies to the recent earthquake victims.

Children from the local Youth Center also took part in the tape, noting that

contributions do make a difference. "Five hundred dollars provides food, clothing and shelter for three people after a disaster," noted one youngster. Another one reminded watchers that \$200 provides school books and supplies for eight children.

Other examples that make a difference included local rescue groups who reported two dozen rescues last year. Bob and Lucille Beecroft, former China Lakers, who are suffering from life-threatening illnesses, noted that they wouldn't be able to live in their own home without CFC-sponsored agencies. Other agencies provide needed insulin and supplies to diabetics who couldn't afford the life-saving medicine. One agency received 925 calls last year from youngsters who just needed someone to talk to. And the list goes on...

During the next six weeks, every employee at China Lake and its tenant commands should be contacted and have a chance to view this tape. Anyone who isn't contacted is asked to call Nina Lane, this year's chairperson, at 939-9555.

Take time to count your blessings and take the time to care.

To the rescue...



Photo by Peggy Shoof

RESCUING puppies from a culvert on Blandy Street across from the PSD Building are Public Works employees. With threatening weather looming, workers in nearby buildings were afraid the puppies would drown if it started to rain. Kirk Swasey from Construction Shop #3 in Public Works had the dirty job of climbing in the culvert to carry the puppies to safety. "It was a dirty job," he said, "but one of the more fun ones."

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•Monday-Friday, October 10-14
5:30 p.m.: Navy News
5:55 p.m.: Bicycle Safety Helmet Law
6:00 p.m.: Marine Multi-Commodity Maintenance Center, MC3
6:06 p.m.: Reverse Engineering
6:11 p.m.: Leading the Way
6:16 p.m.: Machine Shop, Co-use Plan
6:24 p.m.: Hopper's Silencer
•Monday-Friday, October 17-28
5:30 p.m.: Navy News
5:55 p.m.: Morale, Welfare and Recreation
6:15 p.m.: Survivability — Live
6:26 p.m.: CFC 1994

New driver's license makes it easier to spot those under age

Underage drinkers, smokers and graffiti vandals have a new roadblock to contend with that began in late spring.

Their California magnetic stripe driver license will be marked with a red bar for those under 21 and a blue bar for those under 18.

The changes were requested by the grocery, liquor and restaurant industry to make it easier to identify underage drinkers and smokers. The blue bar will make it easier for the hardware/hobby industry to enforce laws against selling spray paints and some glues to minors.

"We hope this will slow down the underage drinking and driving that is killing or injuring thousands of teenagers per year," said DMV Director Frank S. Zolin. He added that the revised DMV license complements the tough new zero alcohol tolerance for teenagers law supported and signed by Governor Pete Wilson. The law went into effect Jan. 1, 1994.

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94 Geo Tracker 4x4 Hardtop.

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Auto., Split Bench Seats, Cass. ID #316349

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Deadline for photo contest is Dec. 31



The Naval Institute invites entries for its 33rd annual Naval and Maritime Photo Contest. The contest is open to both amateur and professional photographers. The Naval Institute will award cash prizes of \$500, \$350 and \$250 to the photographers of the top three entries. In addition, 15 Honorable Mention winners will each receive \$100.

All photos submitted for the contest must pertain to a naval or maritime subject and must be black-and-white prints, color prints or color transparencies. The minimum acceptable print size is 5" x 7". Transparencies must be in 35-mm format. Entries must include a caption and the photographer's name, telephone number, social security number and address printed or typed on a separate sheet of paper.

Photos are not limited to those taken during this calendar year. However, entries may not have been previously published, and winners may not be published prior to publication in *Proceedings*. There is a limit of five entries per person. Entries must be postmarked on or before Dec. 31, 1994. The Naval Institute will publish the winning photos in the April 1995 *Proceedings*. It may purchase some photographs not awarded prizes but will not return any photos unless accompanied by a stamped self-addressed envelope.

Mail all entries to: Naval and Maritime Photo Contest, U.S. Naval Institute, 118 Maryland Avenue, Annapolis, Maryland 21402-5035.



Photo by Mike Johnson, TID

GERMANS HIT THE 100 MARK — Aircraft maintenance personnel surround pilot LCDr. Guido Liebchen and weapons systems officer LCDr. Rainer Stuwe, who flew the 100th Tornado flight in the FRG HARM Campaign at China Lake. Liebchen and Stuwe were also the ones who flew the first Tornado flight at the beginning of the campaign July 19.

How much is *your* life worth?

By Ross Davidson
Fire Prevention Chief

How much money do you commit each year to a life insurance policy? How about your family members, are they insured? For that matter how much are you committing to homeowners, renter's or auto insurance each year? If you are like most of us, it is more than you would like. But isn't it worth it to know that there would be some compensation for your loss?

Insurance is great, but it only compensates you after a loss. No amount of money can really replace the loss of you or a loved one. What if there was an insurance policy that would help prevent or minimize the potential for that loss? Would you consider enrolling in this plan? What if it cost only \$2.80 per year? That's right, \$2.80 per year to help prevent the loss of you or your loved ones! Would you invest in this plan? I would. As a matter of fact, I already have, and hopefully so have you.

So what is this spectacular insurance policy? A smoke detector. A working smoke detector cuts the risk of dying in a home fire by half by providing an early warning and critical extra seconds to escape.

If you are in the minority of households that don't have a smoke detector,

don't you think that it's worth the investment of \$2.80 a year?

If you currently have a smoke detector, don't stop reading just yet! New information is showing that smoke detectors do not have an indefinite life span. Most experts now agree that if your smoke detector is over ten years old, it's time for it to be replaced. An aging smoke detector, both battery operated and hardwired, may appear operational because they sound when the test button is pressed; however, they may no longer be able to detect smoke during an actual fire.

In addition, like other insurance policies, if you don't keep up with the payments, the coverage stops. We all know that batteries don't last forever, and if the battery is dead, your smoke detector coverage also stops. Although smoke detectors are in 88 percent of American homes, nearly one-third do not work because of worn or missing batteries. Make your annual insurance payment by replacing your smoke detector battery once a year.

If you purchase a smoke detector for \$10 and change the battery nine times at a cost of about \$2 each, the average annual cost over the next ten years is only \$2.80. Is this an insurance policy that you can afford? More importantly, is this an insurance policy that you can afford not to have?

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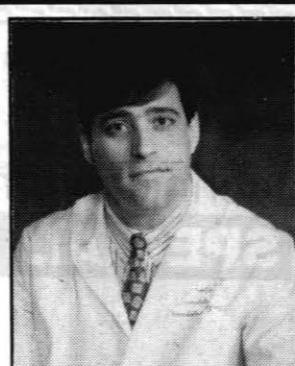
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Ill children find comfort in pen-pal program

Sometimes, interacting with a child who has a chronic or life-threatening illnesses can be hard—for the parents, siblings, other relatives and friends. But it can also be hard for the child, especially if the relatives and friends have never experienced the pain, frustration and even fear the child is going through.

Because of this, the Children's Hopes & Dreams Foundation provides a free Worldwide PEN-PAL Program which matches thousands of ill children with chronic or life threatening illnesses

for mutual support and encouragement.

The program matches children who are the same age, sex and classification of illness. Children participating in the program can find out that the understanding of another child, who is facing the same obstacles that a chronic or life-threatening illness places before them, is comforting.

Free enrollment cards for the PEN-PAL Program are available by writing Children's Hopes & Dreams Foundation, 280 Rt. 46, Dover, NJ 07801, or by calling (201) 361-7366.

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MISHAP from Page 1

Dave Ganger, NAWS director of aviation safety, arrived with a crew of safety personnel to begin an initial walk-through, to "get a feel" of the crash site. He directed TID photographers Dan O'Connor and Mike Johnson and videographer Mark Pahuta in the type of technical documentation he wanted for the investigation. O'Connor and Pahuta later climbed aboard a NAWS helicopter to capture the aerial view of the scene.

Public Affairs Officer Cathy Partusch and other members of her staff were at the site to provide liaison with reporters. While the commercial media were kept behind a yellow investigation barrier tape, *The Rocketeer* was allowed inside the tape to shoot black and white news photos, after promising to turn the film over to investigators for review before release. Some of those photos were released to the media the next morning.

"There are actually three reasons we want to keep people out of a mishap site," Ganger said. "First, when these composite fiber aircraft are burning they give off noxious fumes. Secondly, even after the fire is out there are components in the wreckage that can be dangerous. There might be cartridges, used for such things as jettisoning other components in flight, that have been spread across the site. Or there may be some pressurized hydraulic bottles. Any of these things, because they're out of their normal configuration in a subsystem, could be sensitive to movement and therefore dangerous to the general public. And finally, every piece of that aircraft is critical to our investigation, and it might just

be the piece that tells us what happened. If people come in they might step on a part and bury it in the sand, or just by walking through the site they could scuff up a ground scar that might give us information about the direction and speed a particular component was traveling. So we try to keep people out as much as possible until we can survey the site."

Ganger, who retired from the Navy as lieutenant commander in 1988, last served as the aviation safety officer for the then Naval Weapons Center China Lake. He came back onboard in his current civilian position in 1989. He explained that there are two aircraft mishap boards (AMBs) at NAWS China Lake—primary and secondary—to conduct investigations and write mishap investigations reports (MIRs). In the case of Class "B" or "C" mishaps the local AMB generally conducts the investigations, but in the case of a Class "A" mishap, the board is headed up by a senior member from outside the local air activity.

"Generally, if the mishap occurs on the West Coast a senior member will be assigned from the East Coast and vice versa," Ganger said. "This is to get a different set of eyes looking into the mishap, someone who isn't familiar with local operations and who isn't likely to make assumptions and therefore miss asking a question."

Lt. Col. Timothy Golicky, USMC, from Patuxent River, Md., is now onboard NAWS China Lake serving as the

senior member for this investigation. Other members of the AMB include Lt. William Miller, aviation safety officer; LCdr. Wallace Walker, M.D., flight surgeon; Maj. Philip King, USMC, NATOPS (Naval Air Training and Operating Procedures and Standardization Program) qualified pilot; Lt. Christopher Sonderman, operations representative; and CWO3 Mike Edmiston, maintenance representative. Also helping with the investigation are LCdr. Timothy Hines and

LCdr. Michael Buran from the Naval Safety Center in Norfolk, Va.

Ganger, who will serve as technical consultant to the board, said the investigation will involve gathering physical evidence and any recorded information from the aircraft's onboard data systems and interviewing the pilot, all witnesses and air traffic personnel.

"The site team will identify and tag each piece of wreckage," he said. "Then the site will be surveyed by Public Works using a laser transit to precisely locate each piece in relation to a reference point, which is usually the point of impact. They feed this data into their computer and come out with a remarkably accurate site diagram, from which we can determine the dispersion pattern of the debris and begin to make findings."

Witness testimony, he explained, is very important, and he urged anyone who might have seen the mishap, but has not yet been interviewed, to come forward.

"That person might be the only person who heard something or saw a part fall off the aircraft," he said. "We don't care if they don't know an aileron from an anchor, we want to know what they saw and heard. Many times it's the complete aviation novice that gives us the best information."

Mishap investigations and the resultant MIRs are conducted and governed by the concept of "privileged information." This means that any information gathered in such an investigation cannot be released for use for any purpose other than safety. Unauthorized disclosure is a criminal offense punishable under Article 92, of the Uniform Code of Military Justice. While the concept of privileged information is regularly challenged by lawyers, reporters and others, it was upheld by the U.S. Supreme Court, 9 to 0, in the case of the United States vs. Weber, in 1984.

As recently as June of this year, VAdm. William C. Bowes, NAVAIR commander, issued a memorandum stressing adherence to the concept of privileged information. "This concept insures that assurances of confidentiality will be honored, sources of information will be protected and that privileged information will only be used to correct safety hazards and improve aviation safety," the memo reads. "Sworn statements from witnesses are strictly prohibited, and rules of evidence do not apply."

Ganger explained that based on the concept of privileged information there will be no published report of the mishap made available to the public by the AMB. Results from a parallel Judge Advocates General (JAG) Manual Investigation may be made available.

"The press and the public often think we're being too secretive, withholding information and covering something up when we refuse to release results," Ganger said. "But we're bound by law to keep that information close. The reason we operate under this concept is to allow us to get complete and open testimony from witnesses without fear of being punished, so that we can get our results quickly and make changes to aircraft, if needed. Our concern is protecting pilots and aircraft."

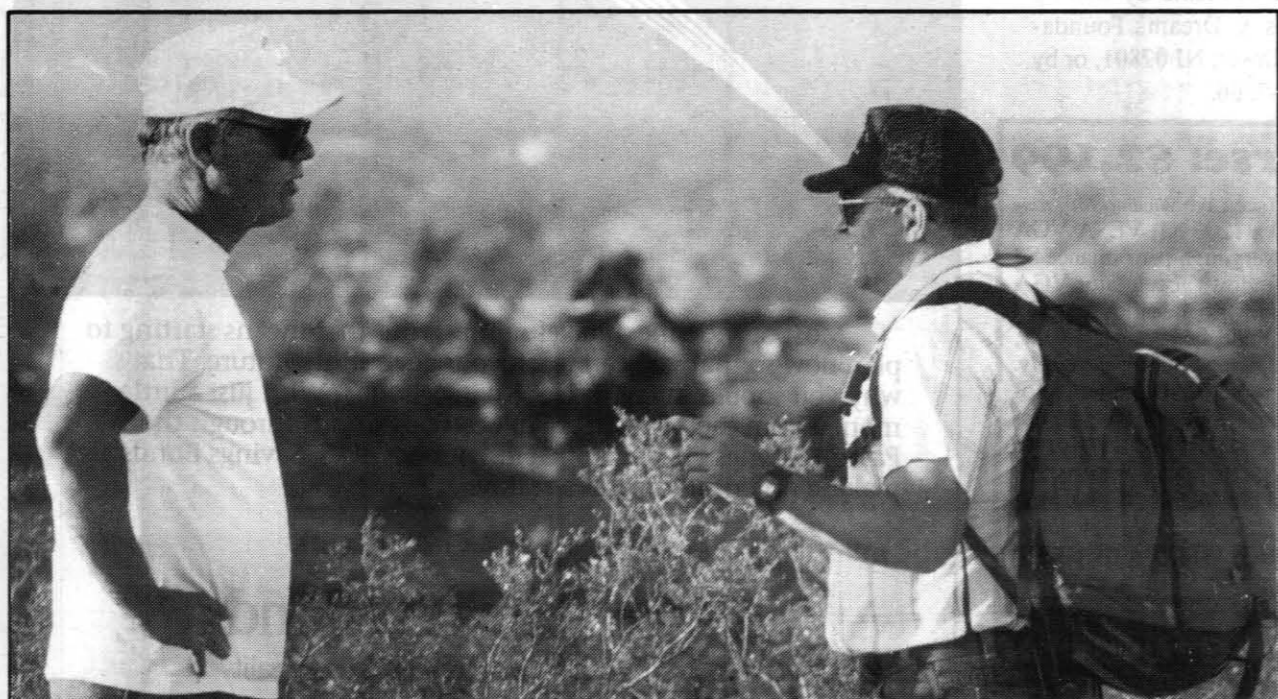
"It's largely due to the concept of privileged information and the resultant quick conclusions that we have been able to make such major improvements in aviation safety." As an example of these improvements, Ganger noted that when the F-8 Crusader was introduced in the mid-1950s it had an initial mishap rate of 46.6 per 100,000 flight hours. By comparison the F/A-18 Hornet, introduced in the early 1980s, had a mishap rate of 4.6 per 100,000 hours.

The concept of privileged information forbids public release of the AMB's findings.



Photos by Barry McDonald

WRENCHED AIRFRAME of the Harrier lies in the desert six miles southeast of NAWS, surrounded by debris. Below, Bruce Trenholm, the Navy's parachute mishap investigator (left) discusses initial observations with Dave Ganger, NAWS director of aviation safety. While the ejection seat and parachute apparently functioned as it was supposed to, Trenholm will complete an investigation to add to his database. An article that has been in the works for some time will profile Trenholm in the next issue of *The Rocketeer*.



FIRE QUIZ from Page 15

Instead, open it very slightly at the top and bottom. Check first for flames nearby. Crouch near the opening to breathe some fresh air and signal the firefighters.

5. During a fire, a dog or cat will
a. run and hide
b. try to find a way out
c. bark or meow to alert you to the fire
b—Animals instinctively try to find their own way out of a fire and may even be out of the house before you are. So never take precious time to find your pet. Also, fire-

fighters are trained and equipped to rescue pets.

6. At what time of year is a house fire most likely to occur?
a. on a hot summer day
b. on a cool fall morning
c. on a cold winter night
c—Experts attribute the higher incidence of fires in cold-weather months to the most common cause of home fires: heating equipment, such as space heaters and wood-burning stoves. Keep portable heaters at least three feet away from any flammable material, and never leave them unattended.

Scientists develop new semiconductor

White Oak, MD (NNS) — Scientists at the Naval Surface Warfare Center Dahlgren Division, White Oak Detachment, recently filed a patent disclosure that could revolutionize computers and electronics as we know them.

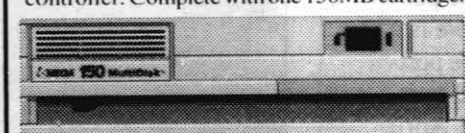
The two scientists, Dr. Francisco Santiago and Dr. Tak-Kin Chu, have developed a concept and process which could lead to the development of a new semiconductor for electronic components, a significant breakthrough that has the potential to greatly enhance the performance of transistors, the basic building block of the computer chips that are at the core of today's high-

speed computers. The two researchers discovered a new process to produce high quality barium fluoride films as insulators on gallium arsenide, a compound of arsenic and the rare metallic element gallium — a concept previously thought to be unachievable.

Gallium arsenide has long held the promise of producing efficient transistors superior in speed and power consumption to those made of silicon, but until the two white Oak scientists pioneered the new chemical process, there seemed little realistic expectation of success.

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VIRT members are codes' first line of defense

By Barry McDonald
Editor

"It couldn't happen to my computer" is a belief held by most computer users until they suffer the effects of an actual viral attack on a computer they use regularly. It is then, that people take the time to seriously look at using virus protection on their own computers.

The Naval Air Warfare Center Weapons Division takes virus protection seriously and has established the Virus Protection Program (VPP) in the Information Management Department. Dave Moore is the VPP administrator for NAWCWPNS.

According to Moore, the most important aspect of the VPP is the Virus Incident Response Team (VIRT). This team comprises individuals representing codes throughout the Weapons Division.

"VIRT members are their codes' first line of defense against viral infections," Moore said. "They are trained to detect, investigate, eradicate and document all incidents of known viruses. If they detect an unknown virus, they call me in to capture and document the new virus." He went on to explain that he then disseminates information about detection and eradication of the new viruses to other VIRT members. VIRT members in turn

disseminate the latest virus information and detection software upgrades throughout their codes.

"While we have representation on the VIRT by more than 85 percent of the codes in the Division," Moore noted, "our goal is 100 percent participation. If we have total coverage, we stand a better chance of stopping the spread of viruses."

The Weapons Division has purchased and maintains a site license for virus protection of DOS-based computers. Under that license virus scanning software is available free to all end users. Network software is similarly available to network administrators.

Virus protection software is available to all Macintosh users free of charge. Commercial anti-virus products for the Macintosh, such as "SAM" and "VIREX," are also in use at NAWCWPNS. Moore urged people using such products to keep using them, "provided they keep them up to date," added Moore.

To obtain a copy of the appropriate software of DOS-based computers or Macintosh computers, users should contact their VIRT member or the VPP administrator at 927-VIRT.

Moore said the purpose of the VIRT is to keep computers up and operating. "We're not the computer police," he said. "We're not here to accuse or blame people, or punish them for getting a virus."

We just want to help hold down the spread of viruses, and we want them to call their respective VIRT member or my office when they have a problem."

How users can help

The VPP's informational pamphlet lists several ways the end user can fight the effects and spread of viruses. The pamphlet urges people to "practice safe computing" by periodic scanning of hard drives; keeping back-ups of important data; scanning all floppies that come from outside sources—including new software packages, maintenance personnel and other employees; limiting access to computers with control access software (security software); using caution when accessing and downloading software from outside your own network, scanning incoming software and your hard drive after downloading; scanning software between home, school and work; and reformatting all factory or vendor formatted hard drives and floppies upon arrival.

To help users understand computer viruses and how to use the detection software available, the VIRT is offering general user classes. Watch for future articles in the Division newspaper for further information on class schedules.

For more information on the VPP call Dave Moore at 927-VIRT (8478).

NROTC improves scholarship process

Washington (NNS) — To help attract top officer candidates, the Navy Reserve Officer Training Corps (NROTC) is revamping application procedures.

A new streamlined application process called "immediate scholarship decision" (ISD) will enable highly qualified candidates or "Blue-Chip Scholars" to receive on the spot notification of scholarship approval, rather than waiting until late in their senior year of high school. To qualify, applicants must score 1280 on their SAT, rank in the top 20 percent of their high school class and meet other officer program criteria.

Besides the improved application process, scholarship selectees will now be offered only full four-year scholarships, paying 100 percent of tuition and fees. These initiatives allow the Navy to attract the most highly qualified students at the start of their college careers and to remain competitive with other scholarship programs.

More information on the scholarship is available from Cdr. Ogden at the Chief of Naval Education and Training at DSN 922-4960, (904) 452-4960 commercial, or recruiting Command Program Office at DSN 226-4581, or (703) 696-4581.

Paulger expresses gratitude to citizens, ejection seat crew

By Barry McDonald
Editor

Grateful is the best way to describe the mood of Maj. Brooke Paulger, the Marine pilot who was forced to eject from his ailing AV-8B Harrier last Tuesday, Sept. 27. In a note sent to the media Monday, Maj. Paulger, who returned to his job as executive officer of the Marine Aviation Detachment (MAD) the day after the mishap, thanked the citizens of Ridgecrest.

"I wish to extend a special thanks to the good citizens of Ridgecrest who rushed out in the desert to offer assistance after my recent ejection," wrote the XO, who also serves as a project pilot and deputy program manager for test and evaluation for the Harrier Weapons System Support Activity. "Although I was unharmed, the moral support and sincere concern offered did much to improve my spirits. I feel confident had I been injured, you would have played an important part in my survival. My family and I truly appreciate the civilian/military 'family' we have in Ridgecrest."

Paulger said in a telephone interview, also Monday, that two of those "very helpful" citizens arrived in a pickup truck within about four minutes of his coming down. "One of them held the plunger down on my beacon so I could call in to the base, and later found a pin that I could use to keep it depressed," he said. "Within a few minutes two or three more vehicles showed up and there must have been 10 or 12 people there before the helicopter arrived to pick me up. They were all extremely helpful."

A former aviation safety officer, himself, Paulger had the presence of mind during the few minutes before the search and rescue crew arrived to have those who said

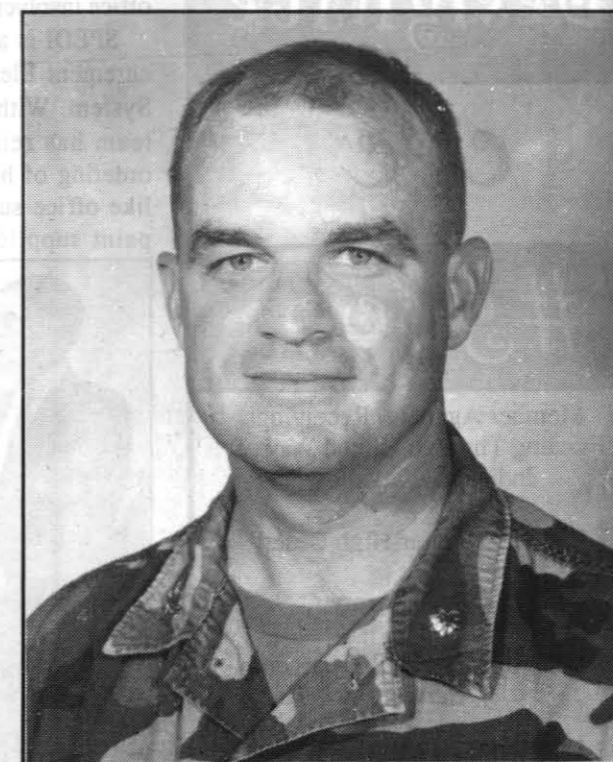
they'd witnessed the crash write down their names and phone numbers so that they could be contacted by investigators.

While he couldn't give any details on the circumstances leading to the mishap, he did say everything went just as it was supposed to with the ejection. "There must be a hundred little details that go into an ejection sequence," he said. "In this case every thing functioned exactly as it should. That's evidenced by the fact that I got out without a scratch. It shows the quality of the seat and the quality of the maintenance. Seat technicians, both Navy and civilian, such as the Harrier's crew from Kay and Associates, are the unsung heroes. They work at all hours doing inspections and making sure everything checks out. Literally, every pilot's life is in their hands, but nobody really knows about their efforts until something like this happens. I'm very grateful for them, too."

A native of Oak Park, Ill., Paulger graduated from the University of Miami in Coral Gables, Fla., in 1975 with a bachelor of arts degree in anthropology. After Officer's Candidate School in Quantico, Va., he was commissioned a second lieutenant in the U.S. Marine Corps. He received his wings at NAS, Beeville, Texas, in January 1979 and reported to Marine Corps Air Station, Yuma, with VMAT 102 for training in the A4M Skyhawk.

His first squadron assignment was at MCAS, Cherry Point, N.C., with the VMA 223 "Bulldogs." From 1979 to 1984, he had two WestPac deployments and numerous European and continental U.S. training deployments serving as flight line officer, flight schedules officer, personnel officer and base services officer.

After transition training to the AV-8A, Paulger



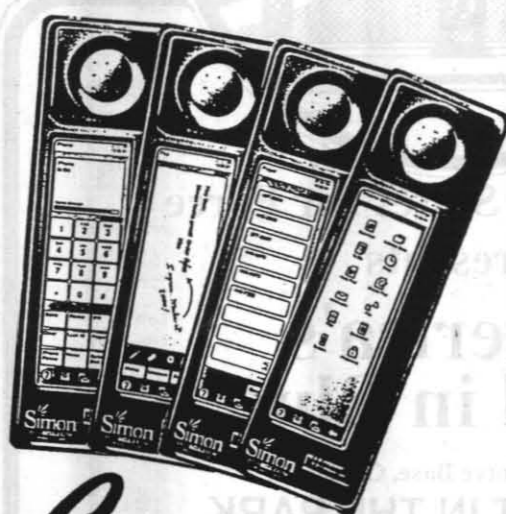
Maj. Brooke Paulger

reported to VMA 542 at Cherry Point, where he served as administrative officer and logistics officer from 1985 to 1987. After serving as air liaison officer and forward air controller to 1st Battalion, 6th Marines, at Camp Lejeune, he returned to VMA 542 as the director of safety and standardization.

In August of 1990 he deployed with VMA 542 to Bahrain as Part of Operation Desert Shield. In December,

Please see **PAULGER**, Page 14

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HEROES from Page 1

Colo., eliminating local disbursing
office involvement.

SPEDI is an acronym for Small Procurement Electronic Data Interchange System. With this system, the SPEDI team has reinvented small purchase ordering of high-demand commodities like office supplies, ADP peripherals, paint supplies, electrical, plumbing,

instrument and lab equipment supplies. With on-line ordering capability, procurement lead time was reduced from 95 days to typically three days, while vendor payment time went from 60 to 90 days down to 10 days.

In addition, the Procurement Department is currently modeling the Unit Cost Model — a process that provides the

department with an estimate of the cost of processing individual procurement actions, such as contracts orders and modifications. It also estimates the cost of simplified procurement methods, such as BANKCARD, SPEDI open market purchase orders. With this process, there is increased visibility into what the "real time" costs are for each method,



Photo by Mike Johnson, TID

HEROES—Wallace O. Keene, National Performance Review coordinator for the National Resource, Energy and Science agencies, watches as members of the Procurement Department team accept their Hammer Award. Members include (l to r, back row) Laura Exley, Nani Banks, Paul Collier, Jeff Meriam, John Watkins, Ethel Herrera, Helen Cropper, (front row) Pat Christensen, Cheryl Villalbla, Sharon Ballenger, Kathy Watkins and Sandy Scham-Stevens.



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It's fair time!

DESERT EMPIRE FAIR WEEK started with a parade last Saturday. Riding the Naval Air Weapons Station China Lake, Naval Air Warfare Center Weapons Division float were ETI(SW) Hector Hansen, Millie Haywood, Sarah Hansen, AZAN Philip Nicholson, Peggy Shoaf, AZAN Philip Nicholson, Tristan Budd, AZ2 Roxanne Rhoades, Leo Budd and Kathi Ramont along with drivers Chuck and Cathy Partusch. The Navy Color Guard and Sea Cadet Color Guard units both took trophies in the parade. NAVVS Executive Officer Gregg Howard, along with Becky Stevenson, Capt. Stevenson's daughter, also rode in the parade. The fair opened last night and will continue through Sunday, Oct. 9. Fair hours are from 5 to 11 p.m. tonight, 5 p.m. to midnight on Friday, noon to midnight on Saturday and from noon to 10 p.m. on Sunday. General admission to the fair is \$4 for adults and \$2 for seniors and children under 12.

Photo by Kelly McDonald



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Disbursing no longer handles airline tickets

Due to an agreement between the China Lake Customer Services Division Travel Branch and the China Lake Personnel Support Detachment, airline tickets and travel orders will no longer be picked up at the Disbursing Office.

Effective immediately, all airline tickets and travel orders will be picked up at PSD from 7 a.m. to 5 p.m. on regular work days. Tickets and orders will be delivered to the Quarter Deck of the Administration Building after 5 p.m. each work day. Tickets will be for next day departure during the work week, and tickets for weekend pickup will be for departure through the following Monday. It doesn't matter who picks up the tickets, but identification may be necessary, as there will be a log for signing out tickets received.

If there is a problem with the airline tickets, and it is after 5 p.m., the duty officer's beeper number is 317-0712. This number will be posted at the PSD office and the Quarter Deck.

People who are infrequent travelers or have requested an advance by the Disbursing Office, should pick up their advance at the Disbursing Office. If the advance cannot be picked up before 5 p.m., it will be delivered to the Quarter Deck. If airline tickets are involved, the airline tickets and travel orders will be at PSD until 5 p.m., and then transferred to the Quarter Deck.

If only travel orders are involved, no advance or airline tickets needed, the travel orders can be picked up at the Payroll/Travel Office in the Administration Building. After 5 p.m., they will be sent to the Quarter Deck.

Additional questions regarding this change can be addressed to Barbe Anderson at 939-2802 or Lt. Shane Harris, 927-1007.



Photo by Mike Johnson, TID

OFFICIALLY OPEN — Members of the Aerodynamics and Aerothermal Structures Branches of the Attack Weapons Department look on as Capt. Charles A. Stevenson, NAVS commanding officer, Capt. Andy Ritchie, Public Works officer, and Paul Homer, head of the Attack Weapons Department, cut the ribbon on the newest office space in the Michelson Laboratory compound. The two office buildings were designed and built by the Public Works Department under the direction of David L. Hawkins, head of the Construction/Project Support Division.

required propellant response measurements which are vital to the operational stability of all rocket motors. The other laboratory is at the University of Illinois.

Tim also explained that NAWCWPNS has the only laboratory in the Department of Defense with real-time 3D flame imaging capabilities. This capability is necessary for the understanding of the complex interaction between fluid dynamics and combustion, which relates to the efficiency and stability of propulsion systems.

Tim is also responsible for the development of the plume signature laboratory, which is adjacent to the combustion diagnostics lab. The uniqueness of this facility is the close integration of a small scale, low-cost rocket motor firing bay with advanced laser diagnostics. Laser beams from the lab are directed through the blast shield into the firing bay for use on rocket plumes. No other Navy or Army lab has this capability. Air Force capabilities are directed at Air Force strategic and space-type plumes, not tactical solid rocket plumes.

Because of the uniqueness of these two labs, Tim noted that they have collaborated with Russian scientists on some aspects of the research. In fact, a Russian rocket scientist will be visiting the China Lake lab for the third time in the near future.

The Parrs have contributed to 153 publications, some written together and some separately. Thirty-five of these publications have been related to solid propellant propulsion research. Tim is the founding member of the JANNAF Kinetic and Related Aspects of Propellant Combustion Chemistry panel and is a member of the steering committee for the upcoming Third International Symposium on Special Topics in Chemical Propulsion: Non-Intrusive Combustion Diagnostics. In addition, he has been invited several times to present papers at invitational conferences, such as the Gordon Conference.

The Parrs don't have any children, but keep busy with their work and five cats. While even the thought of working with a spouse might cause gasps of dismay from most couples, this situation obviously works for the Parrs — and the Navy.

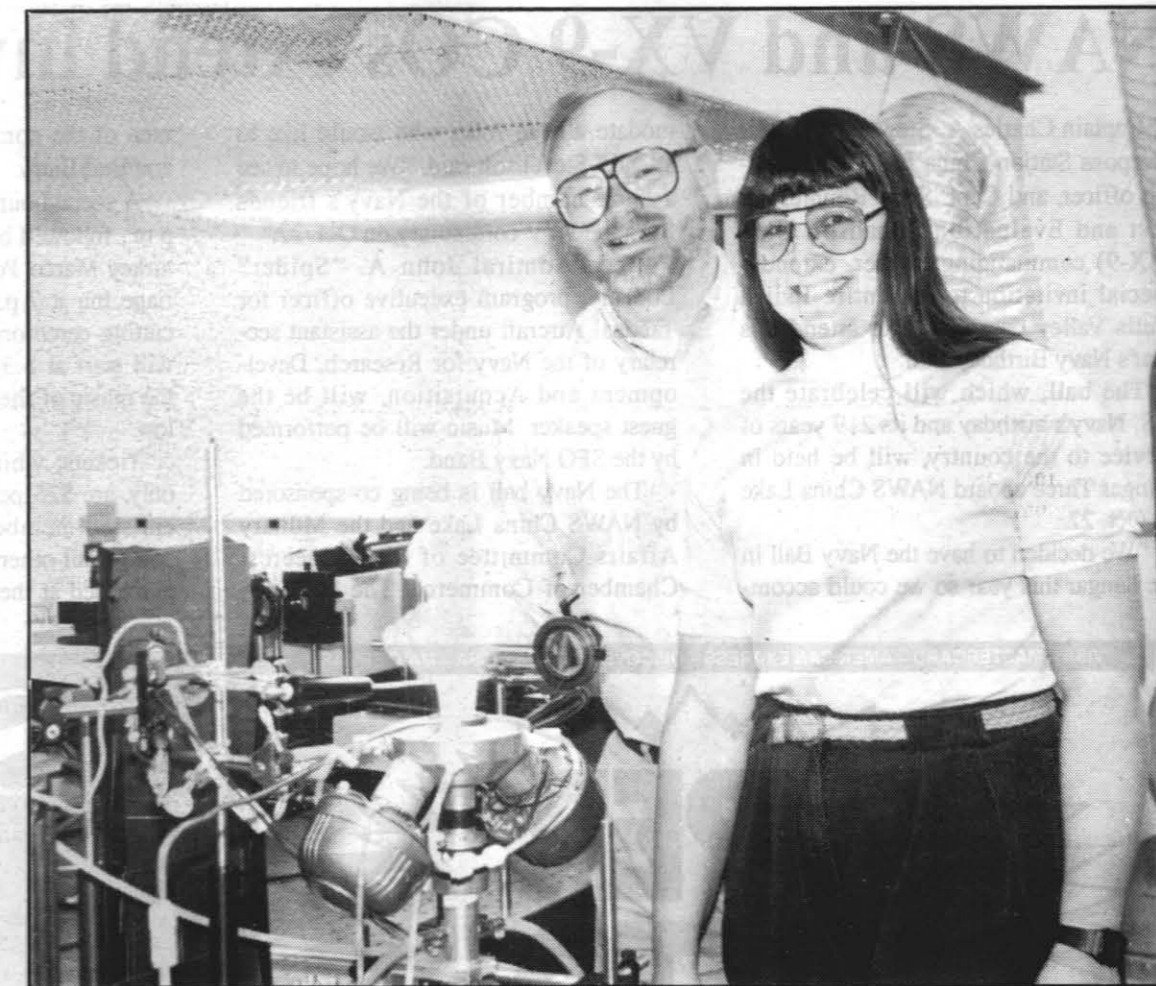


Photo by Margie Hammett

WORKING TOGETHER on a compact, more efficient incinerator for Navy ships are Tim and Donna Parr, a married couple who work side-by-side in the Propulsion Research Branch. While relatively unknown in the China Lake community, the couple are internationally known for their work in combustion diagnostics. Through their efforts, NAWCWPNS has the only combustion diagnostic and plume signature laboratories in the Department of Defense.

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Married couple credited with creation of in-house combustion diagnostic lab

By Peggy Shoaf
Staff Writer

Can you imagine not only living with, but also working daily next to your spouse? Many couples automatically groan even thinking about it! But that's exactly what Tim and Donna Parr do, and they think it's an ideal situation.

"There are periods where I put in a 12-, 14- or even 16-hour day," said Tim. "If a spouse isn't doing that, also, then they get annoyed because they aren't being paid enough attention. But, if that spouse is also putting in those hours... I think it would be more of a problem if I was married to someone who didn't understand my job. Where I would constantly have to explain what I was doing."

Donna agreed, saying, "If he has had a bad day, I understand."

The Parrs met in 1977 at the University of California Santa Barbara, where Donna was a graduate student and Tim was doing postdoctoral work. He had received his Ph.D. in chemistry from UC Berkeley in 1977. "I was in charge of the experiments she was doing her Ph.D. work in," Tim explained.

They married in 1978, and in 1980 Donna graduated with a Ph.D. in chemistry.

While at Santa Barbara, the couple was approached

by a China Lake recruiter. Since they both were interested in reaction kinetics and chemistry research, they decided to apply and were accepted as part of the China Lake team.

During their 13 years working in propulsion research in what is now known as the Weapons/Target Department's Research and Technology Division (Code 474000D) at the Naval Air Warfare Center Weapons Division, the Parrs have become international experts in kinetic and related aspects of propellant combustion chemistry.

According to Thom Boggs, head of Engineering Sciences (Code 474300D), Tim was responsible for the development of an in-house combustion diagnostic laboratory that has received international recognition for its capabilities and its application to both the study of energetic material combustion structure, chemistry and kinetics, and to fluid dynamics research.

In addition, Boggs noted that Tim and Donna are at the forefront in the utilization of advanced laser diagnostics in the study of energetic material ignition and combustion, propellant diffusion flame structure, combustion instability, plume signature and both basic studies of the interaction of combustion with large and small scale vortical structure and applied research involving ramjets.

These skills and techniques have been applied to a

wide range of programs throughout the Department of Defense.

Tim and Donna are currently working on improving waste incinerators and making an efficient, compact incinerator that can be used on Navy ships. "They aren't allowed to dump their garbage into the sea, and they have to get rid of it somehow," Tim explained. "Currently they are trying to store it on the ship and offload it at the next port. That could be a time period of a year, and that's not good."

The Parrs are using laser diagnostic techniques to learn the fundamentals of how incinerators work.

"By understanding the fundamentals, we can then control the system and get it to do what we want, or at least get an explanation of why it won't do what we want," Tim explained. "Understanding the fundamentals of how something works is the first step in improving the system."

And that's the basic purpose of the combustion diagnostics laboratory, Tim explained — to explore the fundamentals of how combustion work.

The combustion diagnostics laboratory at NAWCWPNS is one of only two laboratories outside Russia developing a cost effective method of solid propellant response function measurement based on oscillatory heat flux. This technique, developed with Jerry Finlinson, promises to greatly reduce the cost of making



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23-30	18.99
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37-44	31.99
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58-65	46.99
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ADVERTISE IN THE UPCOMING HALLOWEEN SECTION OF THE OCT. 20TH EDITION OF THE ROCKETEER
FOR INFORMATION CALL 375-4481

PAULGER from Page 9

he was assigned to form the staff of Marine Air Group (MAG)-13 Forward, serving as the group combat operations officer. He served in this billet, flying 32 combat missions, until the end of the war.

He returned to the United States in April 1991 as the group operations officer of MAG-32, but shortly joined VMA 231 as their operations officer, where he served until June 1992. He then returned again to VMA 542 as their executive officer until May 1993, when he transferred to the MAD at China Lake.

Maj. Pulger's personal decorations include the Meritorious Service Medal, Strike/Flight Air Medal with Combat "V" and 3 devices, and the Single Mission Air Medal.

Paulger and his wife, Terri, have four children—Peter, Robert, Kristin and Lindsj, all of whom reside with them at China Lake.

Though he didn't receive what could even be considered minor injuries, he said he had a slight bone bruise on his right heel, and his lower back, neck and shoulders started to stiffen up considerably Wednesday and Thursday. "It's sort of like playing all four quarters in a football game," he said. "You feel kind of beat up at first, but now I'm starting to loosen up and the soreness is starting to fade. I'll be fine."

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At Contel, we enjoy living right here in the communities we serve. Frankly, we see it as a distinct advantage. It means the service you receive is the same service we receive. So anytime there's talk of a rate change, we're all affected by it.

On January 1, 1995, in response to increasing competition, telephone companies throughout California will likely increase their rates for basic

service. Rate increases are something we like to avoid. In fact, Contel hasn't had to raise basic service rates since 1984.

So here's how we're keeping quality phone service affordable:

When basic service rates go up, we'll cut the rates for service area long distance calls! Service area long distance calls are those calls made to locations more than 12 miles from your home or business*. Plus, we will offer residential and business discounts for additional service area call savings.

The bottom line is this:

On average, phone bills may remain just about the same. In some cases, they may slightly rise; in other cases, they may slightly drop. We believe this is the best way to continue providing a level of quality that is unsurpassed while keeping your service as affordable as it can be.

You'll soon receive additional information on the January 1 rate change. Si necesita información en Español, llame 1 (800) 827-2112. Escoja la opción seis.

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◀ Debbie and Joe, Contel customers and employees

*Service area long distance calls in ZUM areas are those made to locations more than 16 miles away from within each of the state's eleven service areas.

...After all, we live here too



Statistics show average household has at least two fires in a lifetime

By Safetyline

You may think it could never happen to you, but according to the National Fire Protection Association in Quincy, Massachusetts, statistics show the average household will have at least two serious fires in a lifetime.

1. How can you make sure your family knows there's a real fire (and not just a false alarm) when a smoke detector sounds?

- a. blow a whistle
- b. ring a bell
- c. holler "Fire!"

c—The extra time and energy you'd take to find and use a noisemaking device can be better spent on getting out. Instead, simply yell "Fire!"

2. About how much time will you have to escape from a fire?

- a. less than three minutes
- b. five minutes
- c. 10 minutes

a—In a typical fire, according to the NFPA, the temperature in the room where the fire started can reach 500-degrees F or more in just three minutes. Very soon after, noxious smoke and fumes make their way to every corner of a house. You have no time to get dressed, collect valuables or even telephone the fire department. Just get out!

3. You're asleep in your bedroom with the door closed when a smoke alarm wakes you. What should you do first?

- a. call the fire department
- b. crawl on the floor and touch the bedroom door to see if it's hot
- c. open the window to get some fresh air

b—Go to the door, but don't open it—and stay low. (The air is usually cooler and less smoke-filled at the floor.) Touch the door with the back of your hand near or on the knob or hinges. Metal hardware more readily conducts heat and will be a more accurate indicator than the wood door.

4. If the door is hot, what should you do next?

- a. slip into the closet where there's less oxygen for the fire to feed on
- b. throw open the window and yell, "Fire!"
- c. keep the door shut

c—Keeping your bedroom door closed may give you about 10 extra minutes to try your alternate escape route—most likely through a window. If you're more than two stories up, however, and smoke and fire have not entered your room, don't jump out the window.

Please see **FIRE QUIZ**, Page 21

supervisor; ability to influence and motivate others, knowledge of affirmative action principles, including a willingness to implement EEO practices.
Notes 2 and 4 apply.

POINT MUGU SITE ONLY

No. P73-038-TLT4, (1) Facilities Support Specialist, GS-1101-11, Naval Air Weapons Station, Public Works Department, Acquisitions Office, Facilities Support Contracts Management Division, Code 833100E (7315)—Area of Consideration: Point Mugu/Current Permanent Employees at NAWCWPNS Point Mugu Site Only. **Opening Date:** 10-6-94. **Closing Date:** 10-20-94. **Selecting Official:** Ralph Chadwick, (805) 989-7777. **HRD Contact:** Tonya Thompson, (805) 989-3321. **Permanent Change of Station Authorization:** No. **Summary of Duties:** Leads a team of 5-7 people ranging from GS-5 to GS-9. Plans and distributes work within the team. Verifies timely performance of work assigned. Advises team members on contract inspection and management matters. Reviews invoices for team contracts and recommends payment. Establishes inspection surveillance schedule, performs on-site inspection of maintenance service and construction contracts, investigates and validates customer complaints, documents contractor quality performance, performs labor interviews to verify compliance with labor laws and regulations. Acts as point of contact between contractor and government, liaison between customer and contractor, reviews and evaluates requests for contraction modification, and reviews contract specifications. Generates quality assurance plans, and conducts pre-bid visits and inspections. **Quality-Ranking Factor(s):** Knowledge of facility support contracts and leadership ability.

OXNARD PLAINS/CURRENT APPOINTABLE PERSONS

No. NARU-009-BW4, (1) Travel Clerk, GS-3-03-4 (Promotion potential to GS-05 level), Training Department, Naval Air Reserve Unit, Code NARU—Area of Consideration: Current Appointable Persons on the Oxnard Plains. **Opening Date:** 9-22-94. **Closing Date:** 10-20-94. **Selecting Official:** Captain Kellard, (805) 989-7161. **HRD Contact:** Bob Washington, (805) 989-3316. **Permanent Change of Duty Station Expenses Authorized:** No. **Summary of Duties:** Receives Annual Training and Active Duty Training Request. Verifies request for accuracy and completeness prior to processing. Monitors the status of all approved or disapproved order requests. Estimates per diem and

travel costs. Responsible for arranging commercial transportation including airline reservation and/or other conveyances. Ensures all approved orders are accurately processed and delivered in a timely manner to personnel and departments involved. Maintains appropriate records and logs. Assists personnel in preparation of travel vouchers and claims for expenses. Conducts briefings to personnel concerning transportation, preparation of applications, and interpretations of various issues related to travel processing. **Quality-Ranking Factor(s):** GS-04: Ability to plan and organize work to meet deadlines. GS-05: Ability to compile and record statistical data with attention to detail.
Notes 1 and 5 apply.

OXNARD PLAIN/CURRENT PERMANENT DOD EMPLOYEES

No. P73-037-TLT4, (1) Utilities Systems Operator Leader, WL-5406-10, Naval Air Weapons Station, Public Works Department, Utilities Division/Utilities Operations Branch, Main Base Utilities Operation Section, Code 833629E (73621)—Area of Consideration: Current Permanent DOD Employees on the Oxnard Plain. **Opening Date:** 10-6-94. **Closing Date:** 10-20-94. **Selecting Official:** Lt. Jose Pastrana, (805) 989-1413. **HRD Contact:** Tonya Thompson, (805) 989-3321. **Permanent Change of Duty Station Expenses Authorized:** No. **Summary of Duties:** The incumbent is responsible for operations and maintenance of the following: sewage lift station facilities, commutators, aerators, valulators, clarifiers, chlorine injection and apparatus, digester, sludge bet, and shredders to grind, aerate, and stir sewage, settle out solids, control bacterial actics, digest sewage, and dry out and remove sludge and check distribution system. Manipulates valve and manifolds, and operates well pumps to control distribution of water from five wells to main water plant surge tanks. Acts as lead for workmen on operations and maintenance within the capacity of forces permanently assigned and additional Public Works personnel when required. Must ensure proper and efficient use of vehicles assigned, and enforce safety, fire, and other station regulations together with good housekeeping practices in assigned work areas. **Screen-Out Element:** Ability to lead. **Quality-Ranking Factor(s):** Working knowledge of potable water systems, related purification and treatment methods; pumping systems, diesel engines, and related controls; sewage treatment processes; and plant and infrastructure. **Note:** A physical examination administered by a base medical personnel may be required to determine fitness for duty in terms of specific physical capability deemed necessary by management.

NATIONWIDE/DOD APPOINTABLE EMPLOYEES

****No. P6312-AA-94, (3) Data Communications Equipment Operator, GS-392-5/6/7, Services and Information Directorate, Information Systems Department, Communication Division, Data and Video Branch, P6312—Area of Consideration:** Nationwide/current appointable DOD employees. **Opening Date:** 10-6-94. **Closing Date:** 11-7-94. **Selecting Official:** P. J. Robles, DSN 351-4704. **HRD Contact:** Ana I. Anderson, DSN 351-3241. **Permanent Change of Duty Station Authorized:** Negotiable. **Summary of Duties:** The incumbent is the Data Communications Equipment Operator in the message-handling functional area of the Data and Video Branch at the NAWCWPNS Point Mugu. This function includes responsibility to the Commander for distribution of all incoming message traffic, administering the respective support systems, providing orientation/training to users, maintaining historical records, and managing code and subject directories. The incumbent performs operation and maintenance of the message distribution system. **Quality-Ranking Factors:** Must demonstrate a thorough familiarity with the Defense Message System including GATE Guard operations, MTF Editor, Message Dissemination Utility, IBM, PCs, and communications procedures. In addition, must be able to acquire a Top Secret security clearance.
****Readvertised to annotate change in opening and closing dates. Previous applicants need not apply.**

****P6313-003-4, (2) Telephone Mechanic, WG-2502-10, Information Systems Department, Communications Division, PM Telecommunications Branch, NAVAIRWARCENWPNDIV, P6313—Area of Consideration:** DOD Appointable Employees Nationwide. **Opening Date:** 9-22-94. **Closing Date:** 10-24-94. **Selecting Official:** Bob Keeling, (805) 989-7400, DSN 351-7400. **HRD Contact:** Ana I. Anderson, (805) 989-3241, DSN 351-3241. **Permanent Change of Station Authorized:** Negotiable. **Summary of Duties:** The incumbent installs and relocates various types of standard telephones, electronic loud speaker telephones, answering units, buzzer systems, loud ringing bells, magneto telephones, terminal boxes, and connecting blocks. Installs associated drop wire, protectors and inside wiring; and runs cross-connections at terminal cabinets. Locates and clears trouble conditions; replaces faulty circuit elements; makes shop repairs on various types of telephones and related equipment. Replaces defective parts, tightens connections, and cleans instruments. **Job Element:** "Ability to do the work of the position without more than normal supervision."
***Screen-out element.**
****Readvertised to annotate change in opening and closing dates. Previous applicants need not reapply.**

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 section to 75000D (C08033), Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796). Personnel at Point Mugu may send items for the Announcements section to 75000D (P0703), Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-8094). 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 989-4388 (DSN 351-4388).

NAVAL AIR WARFARE CENTER WEAPONS DIVISION

ANNOUNCEMENTS

ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

TEMPORARY CHANGE OF HOURS FOR POINT MUGU TECHNICAL LIBRARY

Monday through Thursday: 0800-1230 and 1330-1600

Fridays: 0800-1200

The Point Mugu Technical Library will be temporarily operating under new hours. We apologize for any inconvenience to our patrons; however, China Lake Technical Library Personnel (or staff) will be available during the hours that the Point Mugu Technical Library is closed to take care of any immediate needs or answer questions at (619) 939-3389/3380 (DSN 437-3389/3380).

IEEE MAXIMIZING PRODUCTIVITY SERIES INFORMATION INTEGRATION FOR USER PRODUCTIVITY

A live video conference presented by Gio Wiederhold, Stephen Cross, Charles Channell, and Carl Friedlander will be held at the NAWCWPNS Training Center, Room 107 on Wednesday, 19 October from 0900 to 1200. For more information contact Bob McGahern, IEEE Education Chairman at (619) 939-1443 (work) or (619) 375-8935 (home).

Note: Preregistration to Bob McGahern is requested.

This presentation is the third in a series of five IEEE video conference transmissions to be received live via satellite at NAWCWPNS China Lake this year. The video conference reception was arranged by the IEEE China Lake Section in conjunction with the NAWCWPNS Training Center. There are several locations on base that will receive the downlink signal, but preregistration should be made in advance to assure adequate seating arrangements and handout copies are available. For registration information contact Bob McGahern. There is no fee for government employees. A nominal reproduction fee will be charged for any nongovernment employees requesting a copy of the presentation handouts.

The theme of this video conference is our rapid convergence on a "digital future" where more data is readily available than people can realistically afford to access, read, or absorb. This presentation will discuss the new tools, methods, and emerging standards needed to gather information for planning and decision making from the many data resources that are now available via electronic communication. The place of current data and object access standards including SQL, RDA, and COBRA, will be discussed, as well as new activities just entering the standards arena such as KIF. Most viewers should have a general familiarity with the capabilities of databases and data processing. Familiarity with design and manufacturing at a high level of abstraction would be helpful, although not necessary.

The presenters will focus on system architectures that enable salability and the use of diverse resources, including the traditional mainframe architecture, the

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY95 SEMINARS

NAEI courses are designed for GM-13/Lieutenant Commanders (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and have priority for available billets. Program costs are funded by NAEI. Travel and per diem expenses of nominees are funded by their organizations. If the course is residential, lodging and meal costs are provided by NAEI. Nominations must be submitted on an NAEI form, which may be obtained from Sandy Brigham, Point Mugu (733000E (P622)), (805) 989-3996 (DSN 351-3996) or from Lori Ryser, China Lake (733000D (C622)), (619) 939-2686 (DSN 437-2686). **Note:**A DD-1556 is NOT required. Nominations must be submitted to Point Mugu prior to the NAWCWPNS deadline dates below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO P622
Contemporary Management Issues and Practices	6-17 Feb 95 14-25 Aug 95	26 Nov 94 23 Jun 95
Politics of National Security	13-17 Feb 95 28 Aug-1 Sep 95	26 Nov 94 23 Jun 95
Managing Individual and Organizational Change	3-6 Jan 95 8-11 Aug 95 TBD	4 Nov 94 2 Jun 95
NEW - Managing Critical Resources	TDB-5 days	
NEW - Creating the High Performance Workplace	TBD-5 days	
Washington Arena	30 Jan-3 Feb 95 8-12 May 95 18-22 Sep 95	4 Nov 94 15 Mar 95 17 Jul 95
Capitol Hill Workshop	13-16 Mar 95 8-11 May 95 12-15 Jun 95	3 Jan 95 15 Mar 95 3 Apr 95
Congressional Hearing Process	5, 6, and 9 Dec 95	1 Nov 95
Congressional Affairs Seminar	15-16 May 95 18-19 May 95	2 Mar 95 3 Mar 95
Executive Leadership (4 sessions)	New SEMDP only - TBD	

FIP HELP SESSIONS

The Federal Information Processing (FIP) Resources Branch (C/P633) will offer biweekly help sessions at both Point Mugu and China Lake, titled "Just-In-Time," for anyone planning to acquire FIP resources (formerly called automatic data processing equipment (ADPE)) and anyone who needs to write an Abbreviated System Decision Paper (ASDP). Assistance will be on a one-on-one basis and will be available at China Lake on 19 October; and 2, 16, and 30 November at Bldg. 02466, Room 20001B, from 0900 to 1100. At Point Mugu, assistance will be available on 12 and 26 October; and 9, 23, and 30 November at Bldg. 340A, Mini-Conference Room from 0900 to 1100. Additional dates will be announced at a later date. For more information, contact Bonnie Jones at 939-1557.

CAREER TRANSITION AND PLACEMENT CENTERS

Need assistance with your future career plans? Unsure of how to prepare a resume or complete an SF-171? Confused about the demand for your skills and planning purposes.

educational background in today's work environment? Visit the Career Transition and Placement Center (CTPC) at both Point Mugu and China Lake. 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 searching, and retirement. IBM compatible and Macintosh computers with laser jets and applicable software are available to help you write your resume or SF-171, determine your interests and values, or search available job listings via bulletin boards. The Point Mugu Center is open from 1000 to 1500 daily and is located in Bldg. 5-1, Room 31. For more information, call 989-3982/3994. The China Lake Center is now in two locations: job bulletin boards are available in Room 100 at Personnel (Bldg. 02335) from 0700 to 1700, and checkout materials are in the Training Center, Room 100 from 0700 to 1630. Both locations are closed from 1130-1230. For more information, call 939-2264/2265.

CHINA LAKE GENERAL ANNOUNCEMENTS

FALL INFORMATION TECHNOLOGY EXPO '94 TODAY

The Fall Information Technology Expo '94 is being held at the Seafarer Club today, 6 October from 1000 to 1400. This 1-day event will display the latest technologies in the data processing field.

Over 20 different companies will be displaying the latest in information technology including secure communication products, high-performance UNIX servers, real-time UNIX-based systems, project management software, video presentation systems, networking products, UNIX software, image processing equipment, desktop publishing, Macintosh products, color printers, hardware, software, and much more.

All personnel are invited, and there is no registration fee. Refreshments will be served. For more information, call (714) 454-9864 or Lil Warrick (C6331) at 939-5642.

COMARCO ENGINEERING SUPPORT CONTRACT STATUS

The engineering support services contract award planned to be awarded on 1 October is being held up. In order to provide continuing engineering support services, the current Comarco contract N60530-88-D-0019, has been extended to 30 November 1994, the maximum date the contract can be extended at this time because of contract hour and dollar ceiling limits. NAVAIR has been requested to approve a 6-month extension with an additional 4-month option, while steps toward award of the ESS contract are continued.

Because of several changes that will be required for this extension period, existing delivery orders cannot be extended into the new extension period. New and follow-on delivery orders must be negotiated based upon new overhead and G&A rates. In today's changing environment, delivery order statements of work will be scrutinized differently than in the past. Technical coordinators will need to use the new

delivery order format provided in the Draft User's Manual for the ESS contract that is available from the Contract Coordination Office, located in the Comarco Building, or on the C63 Public Volume Server. You will also need to contact our office for the new rates currently under negotiation.

If you need assistance in preparing your delivery order or have questions, contact the Ordering Officer, Mona Bonbright or the Contracting Officer's Representative, Martin Koca at 446-3585. Draft documents via QuickMail will also be accepted to assist you.

In order to provide new or continuing engineering services from 1 December 1994 to 31 May 1995, the Contract Coordination Office needs your new or follow-on delivery order packages, which consists of a stub (with appropriate funds), the delivery order statement of work, an independent government cost estimate, and evaluation criteria, no later than 3 November 1994 in order to guarantee issuance by 1 December.

CAO CODE DIRECTORY

The new Competency Aligned Organization (CAO) Code Directory is electronically available on the Macintosh. To access

1. Open the "CHOOSE" window under the Apple menu
2. Click on the "AppleShare" icon
3. Select the "CL ADMIN" zone
4. Select the "Admin Support" file server
5. Click "OK"
6. Select "Guest"
7. Click "OK"
8. Open the "Code Directory" folder
9. Open the "Code Directory" file
10. Copy the file to your own hard drive
11. Delete the "Admin Support" icon from desktop

CAO is expected to go through several transitions during the next few months, and the Code Directory will be updated as needed. To save time and money during

POINT MUGU GENERAL ANNOUNCEMENTS

NAWC HOTLINE AND NAWS IDEAS

The NAWC Hotline and NAWS Idea Directories were set up to allow users to copy prepared documents into them and remain anonymous. To place a file in the NAWSIDEA folder (directory) replace HOTLINE with NAWSIDEA wherever you are to enter HOTLINE. The instructions are for users with command local area network (C-LAN) access.

Note: Once you have made copies or saved a document into the HOTLINE subdirectory, you will not be able to retrieve or view this document from the Fileserver.

PC-Compatible Computers: At a network prompt, type the following commands: **LOGIN FS0024A/GUEST <RETURN>** no password required.

CDPTMUGUHOTLINE <RETURN>

You may now copy the document you prepared into the HOTLINE subdirectory, by using the DOS copy command. Once you have finished copying the document, logoff Fileserver

EXAMPLE: E:\PTMUGU\HOTLINE>
LOGOUT <RETURN>

Macintosh Computers: Go to the

APPLE icon and select CHOOSE from the Choozer window and select the following: **AppleShare** icon, **AppleTalk Zone "PM B36 1ST DECK"**, Fileserver **FS0024A**, select **OK**, Login as **Guest**, not password is required, select **OK**. The next window will display "Select items you want to use" and FS0024A.SYS will be highlighted, select **OK**. Open **FS0024A.SYS** icon on Desktop, open folder **PTMUGU**, open folder you wish to copy your document into. Copy your document now. Before you copy the document to this folder you will receive a message (you do not have enough access privileges to see all items if they are put into "HOTLINE". Put them there anyway?). Select **OK**. Once you finished copying the document, close all open Fileserver windows by dragging **FS0024A.SYS** icon to your Trash can.

ADP point of contact: Jim Esch, 989-1731; Hotline Program point of contact: Mike Nakamura, 989-7676; NAWS Idea point of contact: Lt. Driesbach, 989-1715.

EMPLOYEE COMMUTE OPTIONS PROGRAM/ELIGIBILITY REQUIREMENTS
To be registered in the NAWCWPNs Trip Reduction Program an individual must

RETIREMENTS

J. WALTER HANNON

J. Walter Hannon, C2746, is retiring after 34 years of service at China Lake. A farewell celebration is planned in his honor at the Carriage Inn on 14 October. A no-host bar and heavy hors d'oeuvres will be served beginning at 1800. Tickets are \$7 per person and need to be purchased prior to COB Wednesday, 12 October. Make checks payable to "Carriage Inn/Hannon" and mail to Cherie Hall, 1443 Felspar, Ridgecrest, CA 93555 or to Code 473320D (C2746, Cherie). For tickets, gift donations, or requests to make presentations, contact Cherie Hall at 927-2826.

LARRY TSUBAKIHARA

Larry Tsubakihara, Range Department, is retiring after more than 30 years of civil service. A retirement dinner will be held in his honor at the Carriage Inn on 22 October at 1800. Dinner will consist of a buffet at a cost of \$8 per person, including tax and tip. Tickets must be purchased by 14 October. For tickets, gift donations, presentations, or more information, contact Eileen Jackson at 939-6045 or Betty Johnson at 939-6047.

DENNIS SQUIER

Dennis Squier is retiring after more than 27 years in the Fire Division. Dennis most recently served as lead firefighter at the Airfield. A farewell luncheon will be held in his honor at the Texas Cattle Company on 8 October at 1130. Anyone wishing to contribute to a gift or attend the luncheon should contact Larry Rizzardini at 939-5353, Jim Ball at 939-2095, or Esther Suarez at 939-2146.

transition, a printed version will be distributed only to the branch level. If you need extra copies, print them from the file server.

USE NEW PRINTING REQUEST FOR FY 95

The new "Reprographics Request", DPS SD 5604/27A, for FY95, MUST be used for printing and reprographic work done through Defense Printing and delivered after the start of FY95. Destroy all copies of the 1994 request. The new form is available from both sites of Defense Printing at China Lake (Engineering Bldg., Room 3150, and Bldg. 1041); from the Publications Program Office in TID, 939-3668; and from most of the TID field sites.

COPIER ACQUISITION

Effective 1 October revisions to SEC-NAVINST 5600.22 and NAVPUBINST 5600.44D eliminated the requirement for Defense Printing Service (DPS) review, approval, and assignment of authorization

numbers for the purchase, lease, and rental of copiers producing fewer than 70 copies per minute. Copier acquisitions no longer need to be sent to 721200D (C6331) for review and forwarding to DPS. However, 721200D (C6311) still needs a copy of all requests for the purchase, lease, rental, and maintenance agreements on all copiers.

If you have questions, contact Annabelle Lipinski at 939-3426, 721200D (C6331).

SECOND ANNUAL COMPTROLLER SHOP CHILI COOK-OFF FUNDRAISER

The Comptroller shop will hold its second annual chili cook-off fundraiser at the Administration Bldg., Southeast Lawn on Friday, 14 October from 1100 to 1300. A bowl of chili and cornbread muffin will be served at a cost of \$2 per person; with a cold soda the cost is \$2.50 per person. Judges will be present. For more information, contact Donna Martin at 927-3076.

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 Louis W. Roger, located in Trailer 10073; he can be reached at 989-1374.

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

Getting help when you have a problem can be a problem. Do you know that there is someone you can talk to if you or someone in your family is having difficulties? There is no charge for CEAP services, which may be used before, during (on administrative leave), or after working hours. Family members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 2-825 (University of La Verne). All interviews are confidential. For further information, call Martha or Bob at 989-7708 or 989-8161.

RIDESHARE HOTLINE

For rideshare hotline information, contact the Employee Transportation Coordinator, Ron Rogers at 989-3997.

RETIREMENTS AND FAREWELLS

To announce retirement and farewell social events for Point Mugu personnel contact Ron Rogers at 989-3997. Announcements must be received 3 weeks prior to the events.

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. Individual 171s 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 SF-171 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 they indicate on their SF-171 that they will accept 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 Department of Defense 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 Department of Navy 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 Department of Navy employee will also be provided to the employing activity/command.

4. **This is a Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position.** P. L. 101-510 requires that all applications for DAWIA designated positions that are advertised be evaluated utilizing a Quality-Ranking Factor (QRF) to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants who would like to obtain more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields should contact their Department Office DAWIA representative or their Personnel Management Advisor. **Note:** Applicants selected for Critical Acquisition Positions (GS-14/DP-4 and above) will be required to sign a service 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.

Contact: Susan Koch, (619) 939-8120. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent will be responsible for publicizing Morale, Welfare and Recreation (MWR) programs through the use of various media. The incumbent will be responsible for developing an imaginative program to provide current and topical information on MWR facilities and programs which, as a result, will attract personnel to the advertised activities. The incumbent will coordinate publicity of events through brochures, flyers, and articles to be published and distributed base-wide. **Quality-Ranking Factor(s):** Ability to communicate both orally and in writing; skill in using computer graphics.

CHINA LAKE SITE ONLY

No. C29-026RR, Secretary (Typing), DG-318-2 Intercept Weapons Department (Guidance and Control Division), Signature Measurement and Modeling Branch NAWCWPNs, China Lake, Calif., C2945/472140D—Area of Consideration: China Lake only. **Opening Date:** 10-6-94. **Closing Date:** 10-13-94. **Selecting Official:** Jerry Powell, (619) 939-4569. **HRD Contact:** Pris Bonin, (619) 939-3118. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent will provide secretarial and administrative support to the Signature Measurement and Modeling Branch Head and staff members. **Quality-Ranking Factors:** Ability to manage supervisor's calendar, operate a Macintosh II computer, prioritize workload, and prepare travel orders. Incumbent must be able to obtain and maintain a Secret Clearance.

DOD-WIDE

No. C83-012 BD4(1), Transportation Manager, DP-1601-3, Transportation Office, Public Works Department, Code C8309/823H00D—Area of Consideration: DOD Wide. **Opening Date:** 10-6-94. **Closing Date:** 10-20-94. **Selecting Official:** Gary Smith, (619) 939-0082. **HRD Contact:** Brenda Dunn, (619) 939-2883. **Permanent Change of Station Authorization:** Yes. **Summary of Duties:** As Head of the Transportation Office, the incumbent is responsible for managing transportation assets in several equipment categories, including automotive, mobile weight- and material-handling equipment. Some of the equipment managed consists of sedans, buses, trucks, fire/crash trucks, graders, street sweepers, dump trucks, vans, dozers, trailers, generators, welders, forklifts, mobile cranes, and various types of specialized equipment. In managing these assets, the incumbent establishes procedures and systems for monitoring the equipment to maintain accurate statistical records concerning receipt, accountability, utilization, transfer, acquisition, disposal and maintenance costs. **Quality-Ranking Factor(s):** (1) **Technical-Ranking Factor:** Knowledge of transportation management including the ability to analyze and evaluate reports to determine significant budget or utilization variances and establish rate structures and the ability to communicate in writing. (2) **Supervisory Quality-Ranking Factor:** Ability to perform as first-level

TECHNOLOGY UPDATES

STEALTH-LOW OBSERVABLES RADAR (3 hrs.)**19 October; Wednesday, 0830-1130; Building 5-1, Auditorium. By: Evolving Technology Institute (David Lynch)**

This seminar is designed to provide an integrated systems approach to stealth technology and its state-of-the-art application to the airborne mission. The course covers the concept of low observables and includes the overall design goals of achieving stealth performance in an airborne vehicle to achieve balance in the acoustic, visible, infrared radar, and other emission observables. The overview deals with exploiting the environment and addressing such topics as the use of nightline, weather, screening, jamming, and the electronic order of battle. The remainder of the seminar discusses active and passive observables. The active observables part will deal with the design of the radar systems such that an adversary receiver associated with ESM, ECM, lethal countermeasures, or air defense attempting to detect the radar systems' emissions with low probability of intercept (LPI). Passive observables describe the reduction of the radar cross section (RCS) of the radar antenna, and the radar contribution to the RCS of a low observables platform. Examples are provided throughout the seminar to illustrate how modern radar technology can provide effective active and passive observables reduction.

RESEARCH TRENDS IN AIRBORNE RADAR (2 hrs.)**19 October; Wednesday, 1300-1500; Building 5-1, Auditorium. By: Evolving Technology Institute (David Lynch)**

This seminar is designed specifically for managers and systems engineers, scientists, and others working in the fields of radar and radar systems who, although familiar with basic radar, have a need to understand how new technological innovations will impact the next generation of radar systems. The principal objective of this seminar is to update practicing engineers in the new technologies, and the impact these technologies will have on future radar systems. The seminar will overview modern radar systems and show how very large-scale integrated circuits, ultra-high-speed electronics, and low-cost high-density memory will impact radars of the future. Among other considerations, the role of integrated avionics will be discussed, as well as how the relevant technologies will impact future integrated sensors in next-generation avionics suites.

ELECTRONIC WARFARE: ESM/ELINT (3 hrs.)**30 November; Wednesday, 0830-1130; Building 5-1, Auditorium. By: Evolving Technology Institute (Stan Hall)**

The "ESM/ELINT" seminar will provide an overview of the principles of electronic support measures (ESM) and electronic intelligence (ELINT) systems for the interception and analysis of radar signals for the purpose of determining both the tactical and strategic intention of hostile actions. The seminar covers ESM/ELINT signal detection and analysis, including the probability of intercept, direction finding, and passive target location, together with a description of the receiver characteristics that are required to give proper operation. Examples of trade studies showing the selection of the receiver type for selected operational needs will be provided. A brief review of the practical limits of parameter estimation and the effect on the ESM/ELINT system's ability to provide type classification and identification and passive location as the key to threat intention will conclude the session.

THREAT SIMULATION MODELING (2 hrs.)**30 November; Wednesday, 1300-1500; Building 5-1, Auditorium. By: Evolving Technology Institute (Stan Hall)**

The "Threat Simulation Modeling" seminar provides an overview to the methodology by which the performance requirements of electronic warfare systems can be obtained. Topics reviewed in this session will be examples of approaches to estimate the pulse and emitter density from the definition of threat deployments. Approaches by which scenario analysis is accomplished, ranging from large-scale Monte Carlo techniques to computerized "back-of-the-envelope" approaches that can be accomplished by spread-sheet analysis with desktop computers, are also included.

TEST & EVALUATION OF DEFENSE SYSTEMS (3 hrs.)**14 December; Wednesday, 0830-1130; Building 5-1, Auditorium. By: Evolving Technology Institute (Tom Weber)**

The "Test & Evaluation (T&E) of Defense Systems" seminar develops an understanding of the role of T&E in the acquisition process, the changes that have occurred, and are occurring, to this process, and the impact that these changes will have on the manager, scientist, and engineer charged with the implementation of T&E programs. The historical DOD acquisition process and its recent "streamlining" (DOD-5000 series) have created a new dynamic of T&E and its impact upon Navy systems acquisition. This seminar will address the relationship of T&E in the acquisition process within the current DOD environment. Personnel attending this seminar will gain an insight into existing DOD policy, its impact upon test and evaluation, and the likelihood of future changes. Examples will be used to illustrate the ongoing acquisition of T&E targets.

CIVILIAN PERSONNEL DIVISION NEWS

MERIT PROMOTIONS

ALL NAWCWPNS SITES

No. C21-018KN4, Test Management Specialist, DP-301-3, Code C2107/411210D, F/A-18 Weapons Systems Support Activity Office, Aircraft Weapons Integration Department (F/A)—Area of Consideration: NAWCWPNS. Opening Date: 10-6-94. Closing Date: 10-20-94. Selecting Official: Richard Bruckman, (619) 939-5600. HRD Contact: Kym Noh, (619) 939-2393. Permanent Change of Station Authorized: Yes. Summary of Duties: This position is that of Senior F/A-18 Systems Integration Engineer for the Advanced Tactical Airborne Reconnaissance System (ATARS) located in the F/A-18 Weapons Systems Support Activity (WSSA), Aircraft Weapons Integration Department (F/A). As F/A-18 ATARS Systems Integration Engineer, the incumbent is responsible

for both the design and development (D&D) and verification and validation (V&V) phases of integration of the ATARS and the Electro-Optical Long-Range Photographic System (EO-LOROPS) onto the F/A-18 aircraft and is responsible for their future software upgrades. Incumbent will coordinate the efforts of a multidisciplinary staff, which provides system engineering and test and evaluation for NAWCWPNS efforts in maintaining the F/A-18 systems through their life cycles. **Quality-Ranking Factors:** Knowledge of F/A-18 weapons integration process/procedures, F/A-18 tactical software applications with emphasis on the ATARS and EO-LOROPS algorithms, F/A-18 operational/tactical capabilities (experience as F/A-18 aircrew member desired), F/A-18 avionics, digital computer simulation and the system engineering process; and experience in RDT&E testing during the D&D and V&V development phases of F/A-18 operational flight programs (OFPs).

No. C86-011-SK4, Operations Clerk, DG-303-A/1, Code C862/826200D—Area of Consideration: NAWCWPNS. Opening Date: 10-6-94. Closing Date: 10-20-94. Selecting Official: Pete Romanski, (619) 939-0795. HRD Contact: Susan Koch, (619) 939-8120. Permanent Change of Duty Station Authorized: No. Summary of Duties: Incumbent will receive patrons, answer questions concerning youth center services, and direct incoming calls. Additionally, the incumbent will process new memberships while maintaining accounts payable and receivable. **Quality-Ranking Factor(s):** Ability to communicate orally and in writing. **Note 1 applies.**

No. C86-012-SK4, Visual Information Assistant, DG-1001-3, Code C861/826120D—Area of Consideration: NAWCWPNS. Opening Date: 10-6-94. Closing Date: 10-20-94. Selecting Official: Pete Romanski, (619) 939-0795. HRD



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, 733000E (P622), (805) 989-3997 (DSN 351-3997), FAX 989-4388 (DSN 351-4388).

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 44 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 Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Tel-Mart) at China Lake. Forms for Point Mugu may be mailed to 731000D (P621); forms for China Lake may be mailed to 731000D (C621). For additional information, call Estela Padilla at (805) 989-3222 or Pat Miller at (619) 939-2018.

CHINA LAKE

Kathleen Luecken, C3931

Kathleen is recuperating from surgery and will be out for several weeks.

Jo Ella Kivett, C2614

Jo Ella is on maternity leave.

Lupe Vizcarra, C219

Lupe is undergoing required major knee replacement surgery.

Sirell Hurlocker, C28J

Sirell is on maternity leave.

Deborah L. Birch, C3923

Debbi is having arthroscopic surgery on her knee and will be at home recovering. She is indebted for leave as a result of continuing cancer treatment.

Denise Evans, C6111

Denise suffered a stroke and will be unable to return to work for an extended period of time. She is a single mother and this is her only source of income.

Erin Strand, C6414

Erin is under a physician's care due to complications of early pregnancy.

Mary Hire, C02461

Mary is recuperating from major surgery.

Debra Campbell, C6142

Debra has had back surgery for a herniated disc.

Judith Newton, C6132

Judith has exhausted her leave taking care of her husband, who had heart surgery.

Lucinda Lundin, C626

Lucinda will be undergoing surgery and will be out for several weeks.

Toby Van Skike, C21451

Toby is under a doctor's care for a medical emergency.

William Muhlhausen, C2633

William had a total hip replacement.

Sybil Jones, P705

Sybil will be on maternity leave.

Betty Delk, P3925

Betty will be on maternity leave.

John Roy, P7392

John is under a doctor's care for cardiac evaluation for 30 days due to job stress.

Myrian Connors, P653

Myrian had surgery performed for diagnostic laparoscope.

Beatriz Garcia, P77

Beatriz is experiencing complications from her pregnancy and is presently under a physician's care.

Arliss Maricle, P3855

Arliss is recuperating from major surgery.

Larry Blair, P261

Larry is undergoing abdominal surgery.

Antonette Revis, P3925

Antonette is undergoing surgery.

Peggy Van Skike, C612

Peggy is under a doctor's care for a medical emergency.

Lois Berry-Light, C2876

Lois had arthroscopic surgery of the left knee as a result of undefined infection of the knee joint.

Deby Geiger, C852

Deby is undergoing necessary surgery and her recovery time is estimated to be 5 weeks.

Gary Newton, C8342

Gary will be undergoing an unexpected triple bypass open heart surgery and will be convalescing for 2 to 3 months.

Frank White, C3312

Frank is recovering from pneumonia and valley fever.

Howard Gerrish, C2772

Howard obtained severe injuries in an accident.

POINT MUGU

Ethel Wilson, P7325

Ethel will be undergoing a second surgery in 5 months and will be on leave for 2-1/2 months.

Mary Lea Calek, P3855

Mary Lea is recovering from a heart problem.

Thomas Manson, P3713

Thomas is being treated for out-of-control diabetes, anxiety, and stress. If these conditions are not controlled, they will result in serious and crippling illness and early death.

Jean Rongish, C2612

Jean Rongish has undergone surgery on both feet for tarsal tunnel syndrome.

Maryann Hiser, C0239

Maryann is in Loma Linda Medical Center as a result of complications from an infected gall bladder and is awaiting surgery. She is expected to be on leave for at least 4 weeks following surgery.

Janice Henderson, C6335

Janice is undergoing treatment for premature Coronary Artery Disease and is the sole source of income for her family.

Tracey Manning-Stanphill, C834

Tracey has cancer and is undergoing radiation and chemotherapy treatments.

Larry Kuster, C842

Larry has colon cancer and is undergoing chemotherapy and radiation treatments.

John Duhon, P7363

John suffered a massive heart attack and has had complications from surgery.

Carla Allen, P261

Carla is recuperating from major surgery.

Jennie Miller, P37121

Jennie is undergoing chemotherapy for bone cancer.

Brenda Davis, P625

Brenda is undergoing treatment for lupus erythematosus.

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

Nominations for courses should be submitted to the Employee Development Division at the site where the course is being held. The On-Board Training Request (NAWCWPNS 12410/2) is used for submitting nominations and is available at SERVMART/TELMART. For further assistance at Point Mugu, contact Mary Glasmann, 733000E (P622), at (805) 989-3982. To enroll in classes at China Lake, call the phone number listed in the course announcement. If there is no phone number listed, submit the On-board Training Request form to the Employee Development Division, 733000E (C622). Nomination forms should be submitted as early as possible to preclude courses being cancelled because of insufficient enrollment. NAWCWPNS employees may attend training at any site with supervisory approval and on a space-available basis. On-board training courses are presented at no cost to NAWCWPNS employees.

CHINA LAKE COURSES

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

RISK MANAGEMENT (16 hrs.)

13-14 October; Thursday-Friday, 0800-1600; Training Center. By: A.M.I.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

The overall objective of this course is to develop an understanding and application of risk management techniques in Navy systems acquisition. Specific objectives are to

- Identify program risks and develop plans to manage those risks
 - Understand industry participation in risk management processes
 - Understand how contractors identify risks and develop plans to manage those risks as part of proposal preparation
 - Demonstrate use of an early, structured risk assessment and analysis process
 - Establish a series of "risk-assessment events" where the effectiveness of risk reduction conducted to date are reviewed
 - Understand that risk assessment includes the contractor's managerial, development, and manufacturing capabilities and processes
 - Establish a clearly defined set of evaluation criteria for assigning risk ratings (low, moderate, high)
- To enroll, call 939-2359.

NAVY CONTRACTS MANAGEMENT (24 hrs.)

18-20 October; Tuesday-Thursday, 0800-1600; Training Center. By: A. M. I.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP PROGRAM.

This class provides the Navy technical manager with an overall understanding of the acquisition process from planning for a solicitation through contract close-out. It concentrates on key activities required to award and administer a Navy contract. Included are such topics as acquisition planning, types of contracts, requests for proposal, source selection, contract modifications, contract administration, and contract completion.

To enroll, call 939-2359.

NAVY SYSTEMS ACQUISITION (32 hrs.)

25-28 October; Tuesday-Friday, 0800-1600; Training Center. By: A. M. I.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This class provides the participants with a comprehensive understanding of how the Department of the Navy (DON) conducts systems acquisition. Its purpose is the preparation/upgrading of military officers and civilian personnel for assignments in all aspects of Navy Systems Acquisition. The participants are introduced to the system acquisition environment in the DOD and the DON. Building on that fundamental knowledge, DON system acquisition policy and procedures are discussed specifically. The course focuses on the unique ways in which the DON is organized to conduct systems acquisition. Case studies allow the participants to continually reinforce the course learning objectives by applying the concepts, principles, and procedures described during classroom lecture/discussion sessions.

Deadline: **11 October.**

COST ANALYSIS (8 hrs.)

1 November; Tuesday, 0800-1600; Training Center. By: Alan Vokolek, C024503

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

Topics include reasons for a cost-analysis effort, availability of funds-trends for the 90s, and the increasing cost of weapon systems; life-cycle costs—the concept, applications, cost analysis techniques, design, cost, and schedule; and the system acquisition cycle-RDT&E production and program reviews.

Deadline: **18 October.**

SYSTEMS SAFETY (8 hrs.)

8 November; Tuesday, 0800-1600; Training Center. By: Ken Chirkis, C26224

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP ENROLLEES.

This course will include what the technical manager (not the practitioner) should know about systems safety—

CAREER WORKSHOPS FOR ALL EMPLOYEES

Starting in October, training workshops will be offered at China Lake for employees to take charge of their careers. The aim of these workshops is to make it possible for employees to take an active role in their career development. Participants will develop a manual to keep for continual reference. Check the Rocketeer for information and final dates on each workshop.

The workshops course descriptions are

Workshop No. 1. IDENTIFYING YOUR STRENGTHS

25 October (first workshop)

Find out about your own tendencies at work. Compare them with, and seek the kinds of job functions that best suit your personality.

Workshop No. 2. CAREER DEVELOPMENT TECHNIQUES

1 November

Find out what careers are available, what tools and methods are available for obtaining these careers, and networking and mentoring techniques. Learn how to make an assessment of what is going on out there. Learn to prepare for trends and how not to react to rumors.

Workshop No. 3. SELF-ESTEEM & TAKING RESPONSIBILITY FOR YOUR CAREER

8 November

Find out the impact of self-esteem and how it affects one's ability to progress in our careers. Find out how to boost your self-esteem. The second part of the workshop includes a panel of employees who have been successful in advancing their careers.

Workshop No. 4. EDUCATIONAL/DEVELOPMENT OPPORTUNITIES & IDPs

15 November

Find out what educational opportunities on- and off-Station are available and what developmental opportunities are available that do not require a formal education. This class will help prepare you to communicate with your supervisor and develop an individual development plan (IDP).

Workshop No. 5. WRITING/TAILORING JOB APPLICATIONS

6 December

Find out how to best complete your application by choosing words and sentences that exhibit your capabilities.

Workshop No. 6. INTERVIEWING TECHNIQUES

10 January 1995

Find out what to expect in an interview, how to relieve pre-interview anxiety, and how to be your own spokesman. Acquire the knowledge and tools needed to prepare for interviews. Learn how to look at the job you want.

Workshop No. 7. FEDERAL APPLICATIONS

17 January 1995

Learn how to complete a federal application (SF-171). Personal consultation for assistance with your resume writing will also be available.

Workshop No. 8. CAREER DEVELOPMENT TECHNIQUES

24 January 1995

Learn what to do to carry on your career development efforts after completing these workshops. Develop the necessary assertive and proactive methods for advancing your own career.

To enroll, call Sue Bristow at 939-2349.

what it is, why it's important, how it's integrated into the acquisition program, and what elements are required in such a program.

Deadline: **25 October.**

RELIABILITY/MAINTAINABILITY (8 hrs.)

22 November; Tuesday, 0800-1600; Training Center. By: Charles Barakat, C26223

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This course is designed to acquaint managers with the elements of reliability and maintainability. The latest activities by DOD, CMN, and NAWS will be discussed. Topics include R&M requirements, R&M management, design criteria, design analysis, parts and materials programs, integrated test programs, failure recurrence control, and documentation review. Help in tailoring these elements to a particular contract because of program phase cost and schedule will be provided.

Deadline: **8 November.**

QUALITY ASSURANCE (8 hrs.)

29 November; Tuesday, 0800-1600; Training Center. By: Richard Larch, C26222

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

To enroll or obtain further information, call 939-0870.

To enroll in or ask questions about Point Mugu courses, call (805) 989-3982, (DSN) 351-3982.

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

RISK MANAGEMENT (16 hrs.)

17-18 October; Monday-Tuesday, 0800-1600; Marriot, Camarillo. By: A.M.I.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

The overall objective of this course is to develop an understanding and application of risk management techniques in Navy systems acquisition. Specific objectives are to

- Identify program risks and develop plans to manage those risks
- Understand industry participation in risk management processes
- Understand how contractors identify risks and develop plans to manage those risks as part of proposal preparation

the role of quality assurance in defense procurements. Topics covered include definition of quality terms, quality expectations, quality organizations and functions, quality planning, inspections, reviews and audits, quality system reporting, and tools of total quality management (TQM).

Deadline: **15 November.**

ADMINISTRATIVE, CLERICAL, & SKILLS TRAINING

Note: The following courses are being held on flex-Fridays.

DESIGNING 4TH DIMENSION DATABASES (6 HOURS)

October 21; FLEX Friday, 0730-1430; Training Center. By: Boeing

Topics to be covered include designing 4th dimension databases, creating files and fields, creating input and output layouts, creating/modifying/deleting records, searching, sorting, quick reports, labels and graphs.

To enroll or obtain further information, call 939-0870.

POINT MUGU COURSES

- Demonstrate use of an early, structured risk assessment and analysis process
- Establish a series of "risk-assessment events" where the effectiveness of risk reduction conducted to date are reviewed
- Understand that risk assessment includes the contractor's managerial, development, and manufacturing capabilities and processes
- Establish a clearly-defined set of evaluation criteria for assigning risk ratings (low, moderate, high)

NAVY SYSTEMS ACQUISITION (32 hrs.)

31 October-3 November; Monday-Thursday, 0800-1600; Marriot at the Court Yard, Camarillo. By: A. M. I.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

This class provides the participants with a comprehensive understanding of how the Department of the Navy (DON) conducts systems acquisition. Its purpose is the preparation/

SECURITY CLASSES

SECURITY FOR SUPERVISORS (8 hrs.)

12 October; Wednesday, 0800-1600; Training Center. By: Linda Hall

All supervisors now have security as a critical element in their performance plans. This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security, information security, personnel security and badging, computer security, physical security, operation security, and security education.

To enroll, call Cathey Mattox at 939-2612.

SECURITY FOR CLERICAL AND ADMINISTRATIVE EMPLOYEES (8 hrs.)

15 November; Tuesday, 0730-1630; Training Center. By: Cathey Mattox

This class will familiarize employees with basic security requirements that impact clerical or administrative employees. The course will provide information and exercises on classifying, marking, safeguarding, and transmitting classified material. There will also be a discussion on arranging for visitors and badges and obtaining courier cards, letters, and other security forms.

To enroll, call Cathey Mattox at 939-2612.

LIFESTYLE CONTROL OF CHOLESTEROL (4 hrs.)

21 October; FLEX FRIDAY, 0800-1200; Training Center.

By: Dr. Glen Blix, Consultant

This seminar helps the participant understand cholesterol's role in the body, and will provide information that will help keep cholesterol at a desirable level.

To enroll in this course, call the Wellness Program Office, 939-2468 before **11 October.**

CUSTOMIZING YOUR 4TH DIMENSION DATABASE (6 hrs.)

November 4, FLEX FRIDAY, 0730-1430; Training Center. By: Boeing

Topics to be covered include creating custom menus, global procedures, layout procedures, scripts, the execution cycle, activating passwords.

Deadline: **21 October.**

To enroll or obtain further information, call 939-0870.

LOCKOUT/TAGOUT

19 October; Wednesday, 0800-1000; Bldg 5-1, Lounge. By: W. Bradle, P0713

For enrollment in this course, contact the Safety Office at (805) 989-7867.

acquisition. Its purpose is the preparation/upgrading of military officers and civilian personnel for assignments in all aspects of Navy systems acquisition. The participants are introduced to the system acquisition environment in the DOD and the DON. Building on that fundamental knowledge, DON system acquisition policy and procedures are discussed specifically. The course focuses on the unique ways in which the DON is organized to conduct systems acquisition. Case studies allow the participants to continually reinforce the course learning objectives by applying the concepts, principles, and procedures described during classroom lecture/discussion sessions.