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THE ROCKETEER

THURSDAY, OCTOBER 21, 1993

NAVAL AIR WEAPONS STATION, CHINA LAKE

VOL. 49, No. 21

Last QF-86F drone survives final test mission

FSAT program comes to an end after 20 years

By Dee Rorex
Technical Information Department

Solemnly he donned his helmet and white silk scarf and entered the cockpit. He looked like a flying ace who knew he wouldn't be coming home. Nevertheless, he appeared proud and determined as the engine of the QF-86 roared to life. The pilot took a deep breath and gave a thumbs-up to the crew. The fate of the aircraft was in his hands. Would he be shot down and destroyed? No one knew for sure. The only thing for sure was that this would be his last flight. A career that spanned over 40 years would soon come to an end—for him and the QF-86.

This scene did not take place before a combat mission in the Korean War, but in the Range Control Center at NAWCWPNS China Lake on Sept. 23, when the last QF-86F Sabre was flown for the Full-Scale Aerial Target (FSAT) drone program. This test marked the end of a successful 20-year program.

Emotions were running high as the last QF-86 was shuttled to the runway at 7:30 a.m. where explosives personnel loaded each wing with charges that could be detonated from the ground in case the remote pilot lost control of the aircraft. The flight control room was alive with activity as takeoff time approached. The QF-86 took off at 9:45 a.m. and flew a few times around the test perimeter. At 10:10 a.m., an inert AMRAAM missile was fired at the target and came within lethal radius—had the missile been fitted with a live warhead, the aircraft would have been destroyed. The mission was successful.

Orders were to shoot the Sabre down if the missile did not destroy it. Two F/A-18s from Point Mugu's Air Test and Evaluation Squadron Four (VX-4), which were involved in the AMRAAM firing, each made several firing passes using 20mm guns. After the ammunition had been expended, the target continued to fly with minimal damage. Everyone in the control room was ecstatic as the drone landed on the runway once again, saved from certain death. It had survived 209 total flight hours as a target.

One person especially happy about the outcome was Harlan Reep, the pilot for this mission, who has been with the QF-86 program since its beginning in 1972. When asked days before the test whether this would in any way be nostalgic for him, he replied, "You bet. I hope I don't cry." After almost 24 years of service as a remote and test pilot at China Lake, Reep will be retiring in January. During his career, Reep flew more than 30 Navy tactical aircraft, including the F-9F Panther in the Korean War, the RASC Vigilante in Vietnam, the F-4 Phantom II and the QF-86.

Please see QF-86, Page 10



TID Photos by Mike Johnson

REMOTE WARRIOR—Harlan Reep, who has spent 20 years dodging missiles and other airborne hazards (from the ground), readies for his final mission—an encounter with AMRAAM.

Switch to new pay center should go smoothly

By Peggy Shoaf
Staff Writer

Employees need not worry about late paychecks when the China Lake site of the Naval Air Warfare Center Weapons Division switches over to the new pay system with the pay period starting Oct. 31, said Sherri Sweany, head of the China Lake's Payroll Branch of the Comptroller Department's Customer Service Division. The Nov. 19 paychecks should arrive right on time from the Defense Finance and Accounting Service, Denver Center — at least for those employees who receive their checks by direct deposit.

Banking institutions will still receive the electronic transfer of funds on Thursdays, and the money will be available to customers by Friday morning, Sweany said.

For those employees who still receive their paychecks by mail, however, there may be a slight delay due to the mail system. While the checks should be delivered on Friday, employees may not receive them until as late as Monday, Sweany said.

"This might be the time for the 166 employees who don't have direct deposit to reconsider," said Barbe Anderson, head of the Customer Services Division. "Not only is it (direct deposit) more secure,

Please see PAY, Page 20

New NAWCWPNS Fellows named

After consolidation hiatus, program selects 23 employees in first or elevated levels

6

Technology Transfer

•SBIR program sees military technology used in air bags

8

•CRADA helps China Lake share new flare simulator

9

50th Anniversary event-packed weekend

From races to golf, concerts to picnics, airshow to parties, we've got it all Nov. 5-7

14

Luncheon kicks off this year's CFC drive

RADM. Newman stresses need for even more giving in these lean times

16

Weather

| | Max. | Min. | Gusts | Humidity |
|-------|------|------|-------|----------|
| Wed | 84 | 47 | 8 | 53-14% |
| Thurs | 89 | 48 | 14 | 54-16% |
| Fri | 86 | 49 | 14 | — |
| Sat | 88 | 52 | 10 | — |
| Sun | 88 | 48 | 7 | — |
| Mon | 80 | 56 | 19 | — |
| Tues | 84 | 46 | 13 | 70-22% |

| | Max. | Min. | Gusts | Humidity |
|-------|------|------|-------|----------|
| Wed | 88 | 48 | 20 | 52-14% |
| Thurs | 88 | 60 | 14 | 42-18% |
| Fri | 83 | 62 | 25 | 37-20% |
| Sat | 78 | 52 | 26 | — |
| Sun | 78 | 45 | 14 | 51-21% |
| Mon | 79 | 45 | 14 | 57-19% |
| Tues | 82 | 46 | 7 | 43-15% |



China Lake Calendar

Friday-Sunday, Oct. 22-24

•Michelson Laboratory's parking lot will be closed for restriping. Cars in the lot will be towed away

Thursday, Oct. 28

•B.W. Hays Award luncheon, 11 a.m., Farris' at the Heritage

Thursday-Sunday, Nov. 4-7

•Blandy Avenue will be closed to traffic to set up and display exhibits for the 50th Anniversary celebration

Friday, Nov. 5

•"Reception to Honor the Military," 7 p.m., Kerr-McGee Center

Saturday, Nov. 6

•"A Salute to China Lakers—An Evening of Celebration," Reception at 5:30 p.m., followed by dinner at 6:30 p.m., NAVS China Lake Hangar Three

Sunday, Nov. 7

•50th Anniversary Reunion Picnic, noon, Solar Park

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

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Capt. Roger K. Hull

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

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NAVAL AIR WEAPONS STATION CHINA LAKE

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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, NAVS, China Lake.

QUESTION

Earlier this week, a supervisor in our office brought his son in to sell discount ticket books as a fund-raiser for the boy's scout troop. They went from office to office selling these booklets for \$5. When anyone told them that they didn't have the money, the reply was "We'll take an IOU."

I know that I didn't appreciate this, and in talking with others in the office, they didn't either. It's bad enough being cornered at work by parents pushing fund-raisers for their kids, but even worse when it's someone that sits on the PRB at the end of the year to decide pay-outs.

I was under the impression that it was not allowed to sell Avon, Tupperware and other like products in the office environment. Doesn't this rule also extend to these fund-raiser events? Isn't it the duty of senior management in our office to put a stop to this? What can be done in the future to stop this practice? Thanks for your attention.

ANSWER

A review of SECNAVINST 5370.2J reveals that the supervisor concerned has indeed violated the Standards of Conduct. According to Chapter IV, Paragraph 405, entitled Commercial Dealings Involving DoN Personnel, "DoN personnel shall not knowingly solicit or make solicited sales to DoD personnel who are junior in rank, grade or position or their family members at any time, on or off duty. In the absence of actual coercion, intimidation or pressure, this prohibition does not include (1) the sale or lease by an individual of his or her privately owned real or personal property not held for commercial or business purposes; and (2) sales in commercial establishments incident to employment by individuals working part-time in their off-duty hours (emphasis added)."

Although the solicitations were made for a worthy purpose, the manner in which the supervisor went about selling these discount

Please see **CO'S DESKTOP**, Page 12

Standards of Conduct, prevention of sexual harassment training set

The NAWCWPS Deputy Division Counsel Office at China Lake will begin presenting mandatory training on Standards of Conduct (SOC) and prevention of sexual harassment (POSH) to all China Lake site employees next week. The SOC training will be conducted in accordance with Section 5, Part 2635 of the Code of Federal Regulations, and the POSH training is required by SECNAV Instruction 5300.26B.

On Wednesday, Oct. 27, sessions will be held from 7:30 to 10:30 a.m. and 11 a.m. to 2 p.m. at the Electronic Combat (Echo) Range in various conference rooms. ECR employees should call Tammi Johnson, at 939-9190, to determine time and location of their sessions.

Thursday, Oct. 28, CLPL employees will attend a session from either 8 to 11 a.m. or 1 to 4 p.m. in the CLPL cafeteria.

All other sessions will be held in the Station Theater.

Except for Codes C65 and C83, who will attend the session from 8 to 11 a.m. on Tuesday, Nov. 16, all other personnel will attend sessions based on the first letter of their last names: Wednesday, Nov. 3, 8-11 a.m., "A—B," and 1-4 p.m., "C—E;" Thursday, Nov. 4, 8-11 a.m., "F—H" and 1-4 p.m., "I—L;" Tuesday, Nov. 9, 8-11 a.m., "M—O," and 1-4 p.m., "P—R;" and Wednesday, Nov. 10, 8-11 a.m., "S—U," and 1-4 p.m., "V—Z."

Make-up sessions will be determined after the number of non-attendees is known, and an announcement will be sent with the notice of non-attendance to department heads.

Pages From The Past

Oct. 21 & 28, 1983

Technical experts, headed by Cdr. Joe Dyer, report the first F/A-18 flight with HARM integration was fully successful. . . NWC Commander, Capt. Ken Dickerson, was guest speaker at the Navy's 208th Birthday Ball. . . Marine Maj. Harold Reeves of VX-5 was killed after ejecting from his OV-10 Bronco in the Evolution Lake area of the Sierra Nevada. . . Cdr. Evan Greco is the new senior and Catholic chaplain at China Lake, succeeding Cdr. R.P. Beck.

Oct. 19 & 26, 1973

Esther O'Neill heads the newly established Navy Counseling and Assistance Center at NWC. . . Lt. C.A. Fitzgerald flew a routine flight in a QT-33A to help reach the record of 25,000 accident-free flight hours. . . Civilian employees have been hired to replace sailors and Marines on KP duty at the NWC galley. . . China Lake is hosting the NAVMAT Laboratory Logistics Conference.

Oct. 25 & Nov. 1, 1963

The newest of the "eye" series of weapons, the "Fish Eye," was tested by VX-5's LCdr. Waldo Born from an A1-H. . . Jess Osler has been named to head the Propulsion Systems Division of the Propulsion Development Department. . . Earl Love is heading up the BOMROC improvement effort for NOTS. . . "Seldom Seen Slim," the last resident of Bal-larat, was interviewed for the Rocketeer by Pop Lofinck. . . The United Fund tally stands at \$20,908. . . Capt. Francis X. Timmes is the new NOTS technical officer.

Oct. 23 & 30, 1953

Dr. Howard Fisher will be installed as the new president of the China Lake Community Council this week. . . Congressman Harlan Hagan plans a China Lake visit and all-hands meeting. . . W.E. Donaldson resigned as director of the IWW Civil Defense Council. . . Johnny Jr., the radio and television trademark of Phillip Morris, will visit the Station's Navy Exchange. . . Marvin Backman was elected to head the China Lake Players group. . . MSgt. Charles Henderson is the new sergeant major at the Marine Guided Missile Battalion.

COMMUNITY EVENTS

One hundred antique, vintage, special interest and custom automobiles, motorcycles, motorscooters and bicycles are expected to be on view in Leroy Jackson Park in Ridgecrest during the Maturango Museum's 11th annual Roadrunner Car Show on Saturday, Oct. 23. Show hours are from 9 a.m. to 5 p.m., and admission is free. Persons interested in showing a vehicle may do so by arriving at the park prior to 8 a.m. Leroy Jackson Park is located adjacent to the Maturango Museum on East Las Flores Avenue, Ridgecrest. There is no charge to show a vehicle. Dash plaques will be given to all participants. The car show is held in conjunction with the museum's annual Maturango Junction.

####

On Oct. 24, the Loma Linda Center for Health Promotion will hold its Health & Risk Evaluation Program at Cerro Coso College. The program features a resting electrocardiogram, treadmill exercise stress test, blood pressure

check, lung function test, 24 component blood chemistry analysis with an eight component cell profile, explanation of results and lifestyle counseling. Also available are colon cancer screening, body fat percentage measurement and computerized health analysis. Cost is \$53 to \$180, depending on tests chosen. Preregistration is required and may be made by calling (800) 824-4949.

####

China Lake Ski Club is having a pre-season membership meeting at John's Pizza, Wednesday, Oct. 27, from 5:30 to 8 p.m. Full membership is \$150 and entitles you to use of the club's Mammoth cabin at no extra charge. Limited membership is \$75 and use of the cabin is \$20 per night. For more information call Dennis Rowell at 446-5049.

####

Costume contests, tricks & treats and lots of prizes will highlight this year's Halloween Carnival sponsored by the City of Ridgecrest Parks and Recreation

Dept., Desert Empire Fairgrounds, KLOA, Daily Independent and Pepsi Cola. The fun will run from 5 to 8 p.m. at Joshua Hall in the Desert Empire Fairgrounds Oct. 31.

####

New information on Alzheimer's disease for family and professional caregivers will be presented at a day-long symposium scheduled for Nov. 13 at the Bakersfield Red Lion Inn. At the Saturday event, co-sponsored by the Alzheimer's Disease Association of Kern County and the Valley Caregiver Resource Center, participants will have the opportunity to learn about the latest in research, medications, legal dilemmas, approaches to quality care at home and in a long term-care facility, support groups, day care and recent public policy developments. To receive a registration form, call the Alzheimer's Disease Resource Center at (805) 324-1457. Costs, including lunch and materials, are \$25 for the general public, \$40 for RNs and LVNs with five CEU credit, and \$60 for physicians with 4.5 CME credit. Members of the general public who do not wish to attend the luncheon may attend for \$15. Registration deadline is Nov. 1.

####

Artist Don Banfield will hold two one-day oil painting classes Oct. 22 and 23 from 9:30 a.m. to 4:30 p.m. at 325 S. Downs, Ridgecrest. Students will learn

the amazing Alexander Method of painting. The cost of \$35 per person, per day, includes instruction, loan of equipment and all materials, including a 16" x 20" canvas. Pre-registration is required and may be made by calling 375-7301.

####

During the winter quarter, UCLA Extension will present two new short courses covering micro-electro mechanical systems and cryogenic CMOS technology. "Micro Electro Mechanical Systems (MEMS): Technology, Design and Applications" will meet March 7-9, while "Cryogenic CMOS Technology and Reliability" will meet March 21-23. All UCLA Extension short courses meet at the UCLA Extension Building, 10995 LeConte Ave., Los Angeles, adjacent to the UCLA campus, from 8 a.m. to 5 p.m. For a brochure detailing all winter quarter engineering short courses, call (310) 825-1047 or write to UCLA Extension, Engineering Short Courses, 10995 LeConte Ave., Ste. 542, Los Angeles, CA 90024.

####

The Sylvia Winslow Exhibition Gallery of the Maturango Museum will be hosting its annual month-long "Member's Open Art Show" beginning Dec. 4. This is a non-juried exhibit open to all museum members. Entry forms with guidelines and information, as well as membership applications, are available at the Maturango Museum.

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40 MISC. FOR SALE

UPRIGHT PIANO; very good cond. \$450. Xlnt Christmas gift. 375-1519 (1216)

45 PETS & SUPPLIES

POT BELLIED PIGS, \$300 and up. 377-4419. (1104) BABY COCKATIELS. Hand fed \$20 and up. 377-4419. (1104)

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BARGAINS
BARGAINS
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50 GARAGE SALES

LARGE TWO FAMILY GARAGE SALE — Oct. 23, 9 a.m.-3p.m. 419 Hubbard Circle (on base). Baby crib, changing table, clothes, books, knick-knacks, misc. (1021)

LADIES AUXILIARY FLEET RESERVE ASSOC, China Lake Unit 95. Craft sale in front of Navy Exchange (NAWS) Nov. 6, 9 a.m.-4 p.m. (1104)

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Safety Sense

By Dena K. Christison
Safety Program Office

Halloween offers great fun for kids — they can dress up in their favorite costumes and go through the neighborhood collecting treats. But, the scariest part of Halloween for many adults is the danger to their children. Keep your little ghosts and goblins safe by following these guidelines:

- Costumes should be light and bright enough to be clearly visible to motorists. When selecting costumes, use light colors with reflective qualities. For greater visibility reflective tape should be added to all costumes.

- Costume accessories such as knives, swords, arrows and so forth should be made from soft, flexible materials.

- Ensure that you buy fire-retardant material for costumes, masks, beards and wigs. Don't buy or make costumes with baggy sleeves or billowing skirts that can brush against a lit jack-o'-lantern and catch fire.

- Make sure face masks do not restrict the child's breathing or obscure vision. Better yet, apply face make-up instead of using a mask.

- Make sure shoes are sturdy and fit securely, preventing tripping or falling.

Have a fun, but safe, evening

- Go trick-or-treating with your child. Get an early start and remember to carry a flashlight for use as it gets dark.

- Go only to homes where you know the people and that have outside lights on. Be courteous and use sidewalks. Lawns often contain hazards such as holes, discarded tools and decorations. Children should be reminded to walk, not run, from house to house.

- Tell children never to enter homes or apartments unless their chaperone accompanies them.

- Don't let children play with pumpkins containing an open flame.

- Examine all candy before children eat it. Make it clear to the children that they are not allowed to eat any candy until it has been checked. Unwrapped candy, fruit and home-baked goods should be thrown away.

- If you're going to be a motorist on Halloween night, slow down and take extra care watching out for those little ghosts and goblins.

A little safety sense before, during and after trick-or-treating can help keep Halloween fun for everyone. Have a happy and safe Halloween!

Christian feast + customs from the Druids = Halloween

The name Halloween or All Hallows' Eve is taken from the Christian feast that takes place the night before All Saints' day. The Christian tradition holds that benevolent spirits visit the earth on this night to visit with the loved ones they left behind.

Most of the customs we associate with Halloween, however, came originally from the Druids — the religious leaders of the Celtic tribes living in Ireland, Scotland and Wales.

The Druids believed the spirits of all those who had died in the last year were allowed to spend a few hours at their homes on one night during their New Year Festival in the fall. It was a night of a full moon —

and black cats, elves, fairies and witches were also believed to be abroad.

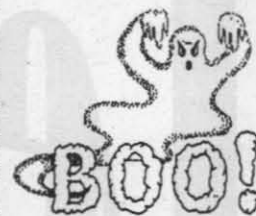
The witches and spirits who roamed

on this night had their fun by frightening, harming and playing mean tricks on humans, so the scared mortals would offer them things they liked — dainty foods or sweets. A human might also dress like a witch or spirit and roam the countryside undetected.

Over the years, the two traditions have become confused and intertwined to be an exciting outing for children and adults alike.

Today, most of the spirits roaming the countryside being placated with sweets and dainty foods are humans in costumes.

But if the goblin next to you doesn't seem familiar, or the wind suddenly blows out your candle or you hear a strange sound and don't see anyone when you look...who knows?



Happy Halloween

MILITARY NEWS

IWV Chiefs Association sponsors Birthday Ball, commemorating 218 years of naval service

Saying the Navy had learned much from its mistakes, Capt. Roger Hull, NAWCWPNS commander and guest speaker at Friday's Navy Birthday Ball, chose to dwell on the positives, which, he said, are so often overlooked.

He noted that in the Navy's 218 years, Americans have served the Navy honorably in 11 wars, 10 periods of major engagement and two periods of miscellaneous interventions.

More than 42,000 officers and enlisted members have given their lives for American freedoms, and 735 Navy members have received the Medal of Honor, he said.

"Our history is steeped with the chilling battle cries of 'Don't give up the ship,' 'Damn the torpedoes, full speed ahead,' 'I have not yet begun to fight,'" he declared. "The echoes of their words ring on."

Referring to CNO Adm. Frank Kelso's 1993 Birthday message, he said, "During the past year, despite fewer

resources and a shrinking force structure, you responded magnificently to every call, from enforcing U.N. sanctions against Iraq to delivering humanitarian aid to Somalia and Bosnia-Herzegovina.

"You provided support from the sea to operations in the Persian Gulf and the Adriatic. At home, you reached out to the communities devastated by flooding in the midwest. You earned the admiration and respect of Americans from every walk of life and showed them that Navy men and women are continuously on station around the world, ready for action...from the sea."

Other dignitaries in attendance included COs Capt. Charles A. Stevenson and Capt. Scott C. Ronnie, of Naval Air Weapons Station China Lake and Air Test and Evaluation Squadron Five, respectively; NAWS Aircraft Depart-



Photo by PHC James Christian, VX-5 Photo Chief
HAPPY BIRTHDAY—Command Master Chief STGCM (AW/SW) George Anderson and AZAN Jason Stagin, the oldest and youngest sailors, perform traditional cake cutting ceremony.

ment Head Capt. Daniel J. Stone; NAWS XO Cdr. John B. Mills; and VX-5 XO Cdr. Bryan L. Yri.

Presented by the Indian Wells Valley Chief Petty Officers Association, the evening at the Seafarer Club began at 6 with a social hour. The invocation was delivered by Lt. David Alicea, assistant chaplain, and after a dinner of steamship round with all the trimmings, NAWS Command Master Chief STGCM (AW/SW) George Anderson, emcee for the evening, asked the NAWS Honor Guard to parade the colors to begin the evening's program.

The cake cutting ceremony followed Capt. Hull's address, with AZAN Jason

Stagin, the youngest sailor, joining Master Chief Anderson, the oldest, for the traditional ritual.

Following Chaplain Alicea's benediction and retiring of the colors, the gathering of more than 200 danced to the music by Ted Lemon. All through the evening, Sierra Photography was on hand to capture the moment for couples attending the ball.

Master Chief Anderson said, "The chiefs association did a great job of pulling this thing together, and we would also like to extend our most sincere thanks to Bonnie Mills, Susan Ronnie, LuAnne Yri and other volunteers for decorating the Seafarer Club."

China Lake, Point Mugu MADs consolidate

By J02 Stephen K. Robinson
The Missile/NAWS Point Mugu

During a Sept. 29, 3 p.m. ceremony held at Naval Air Weapons Station Point Mugu, the Marine Aviation Detachments at NAWS Point Mugu and NAWS China Lake consolidated into one command under the auspices of the Naval Air Warfare Center Weapons Division.

With Department of the Navy's reductions in budget, the Marine Corps evaluated a consolidation option in January 1992. A formal decision was made in December to consolidate the two detachments effective Sept. 30, 1993.

The consolidation eliminates only the command and administration section at NAWS Point Mugu. Marines and sailors attached to the MAD will continue to fill various duty assignments throughout NAWCWPNS.

Col. R.W. Chambliss assumed command of the reorganized MAD.

In his consolidation remarks, Chambliss stated the reason for the consolidation was "to achieve personnel and fiscal efficiencies in the administrative support area only."

Chambliss continued, "Consolidation into a single MAD frees up command and administrative support billets that can now be applied more effectively to the Fleet Marine Forces."

In a period of expenditure cutbacks, Chambliss added, "We are reducing the overhead expense of our operation by 40 percent through this reorganization."

"The quality of administrative support provided to all Marines assigned to NAWCWPNS is my number one priority, and with our newly installed automated systems we have just brought on line, we should be able to achieve a very rapid response to everyone's needs, regardless of geographic location."

"The technical mission of the Marines assigned to the Weapons Division is unchanged as a result of this reorganization," Chambliss concluded.

To facilitate Marine Corps personnel support at Point Mugu, Lt. Col. A. Pavner will serve as officer in charge and assist as executive advisor to RADM. William E. Newman, NAWCWPNS Commander.

Marines first arrived at Point Mugu in 1948 to receive indoctrination training on the LOON guidance and launching system. Mobilization for Korea saw the establishment of a Marine Air Support Radar Unit and Aviation Guided Missile Unit One. In 1957 those units and other Marine elements at Point Mugu were reorganized under the newly established Marine Aviation Detachment, Point Mugu.

Marines have served at China Lake since the Navy's arrival in 1943. The MAD, however, wasn't activated until January 1988. Since its formal conception, the MAD has provided administrative support to all Marines at China Lake as well as fleet support and technical liaison for all Marine Corps interest programs.

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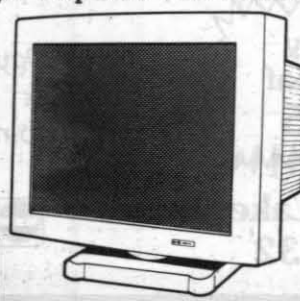
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Local NMCRS earns fund raising kudos

NUMBER ONE—
Cdr. John Kimmel presents a letter of appreciation from Capt. H.E. Selfridge, COMNAVSURFGRU Commander, to Lt. Chris Sonderman for his leadership in the recent Navy-Marine Corps Relief Society fund drive. The Naval Air Weapons Station China Lake NMCRS branch had the highest per capita of giving among all of the shore commands within the Long Beach Auxiliary.



Chapel Call

By Lt. David Alicea, CHC, USNR
Assistant Command Chaplain

Warning and opportunity



Three persons were standing at the gates of heaven, seeking admission: two men and one woman. "I would like to come in," one of the men said to St. Peter. "All in good time," Peter replied. "First I must give you a small test. How do you spell 'God?'" The man immediately replied, "God, G-O-D, God."

"Very good," said Peter, "you may come in." Then the second man said, "I'd like to come in." Again Peter said, "All in good time. First I must give you a small test. How do you spell 'God?'" Without hesitation the second man said, "God, G-O-D, God?"

"Very good," said Peter, "you may come in." Then the woman asked to be admitted. "All in good time," said Peter, "but first I must give you a small test." "Oh come on now, Peter," she said, "I've had it rough all my life. Just because I'm a woman I've had to fight for every promotion I've ever gotten. I've had to take lower pay than men for doing the same job. I've been continually harassed at work by male chauvinist bosses. And now you are giving me a hard time." "But it's just a small test," Peter replied. "Spell 'Czechoslovakia.'"

Sexual harassment is a major problem that our society confronts each day. We find it in each space and place where somebody thinks that he or she is empowered to play with his or her

subordinates. A costly game that can surely bring discomfort and displeasure to the victim.

God did not plan poverty, racism or any type of harassment in our lives. On the contrary, it is the Good News of the Gospel that brings a totally new outlook in life. When women were not considered as human beings, the Gospel set forth its message of justice and equality.

That's why, when the Samaritan woman encountered Jesus at the well of Jacob, He respected her and gave her what society, peers and religion did not give her; respect, love and honor. Respect because He treated her like a human being and not like an object with a price tag.

With love because the only love she knew was conditioned to her customers' insecurities. He treated her with honor because Jesus broke the chains of guilt, anger and submission. He showed her a better way of life where self esteem and her way of thinking meant something.

My dear friend, stop being a caveman, come out of your cave and grow up. My dear friend, stop being the wonder woman that people want you to be and just be yourself. Show them that you can do it! Former Chief of Staff Gen. Colin Powell once said, "Let my blackness be a problem to them, and not to me."

Which is it? Sea or shore rotation

By BuPers Public Affairs Office

Washington (NES)...The Navy has redefined Type Six shore duty and redesignated Type Three shore duty, based on a comprehensive review of factors such as isolation, quality of life, location desirability and length of tour at an activity.

Type Six Duty (previously "preferred overseas shore duty") will transition to overseas duty (neutral)—not credited as shore or sea duty—which means service members finishing Type Six (N) duty will rotate to the type duty they were eligible for prior to their overseas assignment.

Type Three Duty will still be credited as sea duty for rotational purposes; however, the following are now the only activities designated Type Three: Italy, Bahrain, Diego Garcia, Guam, Iceland, Souda Bay, Crete, Adak, Korea, Panama Canal, Portugal, Guantanamo Bay and Cuba.

For service members who reported to Type Six duty activities or the redesignated Type Three duty activities before April 21, 1993, the tour will be credited as it was when they reported. All service members reporting to affected activities after those dates will receive the newly defined rotation credits.

Activities formerly designated Type Three will be redesignated Type Six (N) effective Jan. 1, 1994. Again, service members already serving tours in these activities will receive credit for a sea rotation, and those reporting after Jan. 1 will receive neutral credit.

No service member will receive credit split between the types of duty, and no transfer orders will be changed as a result of this reclassification.

All Faith Chapel Services

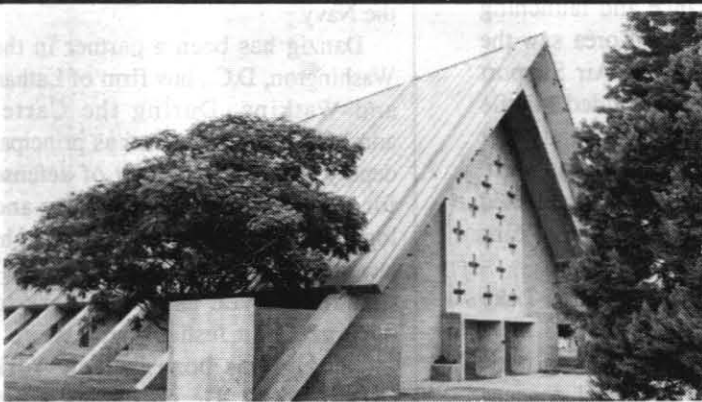
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Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
(September thru May)
Bible Study (East Wing), Wednesday 9:00 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.
Jewish (446-3613 Messages)
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 (September thru May)
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Adult Education Classes, Thursdays (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.



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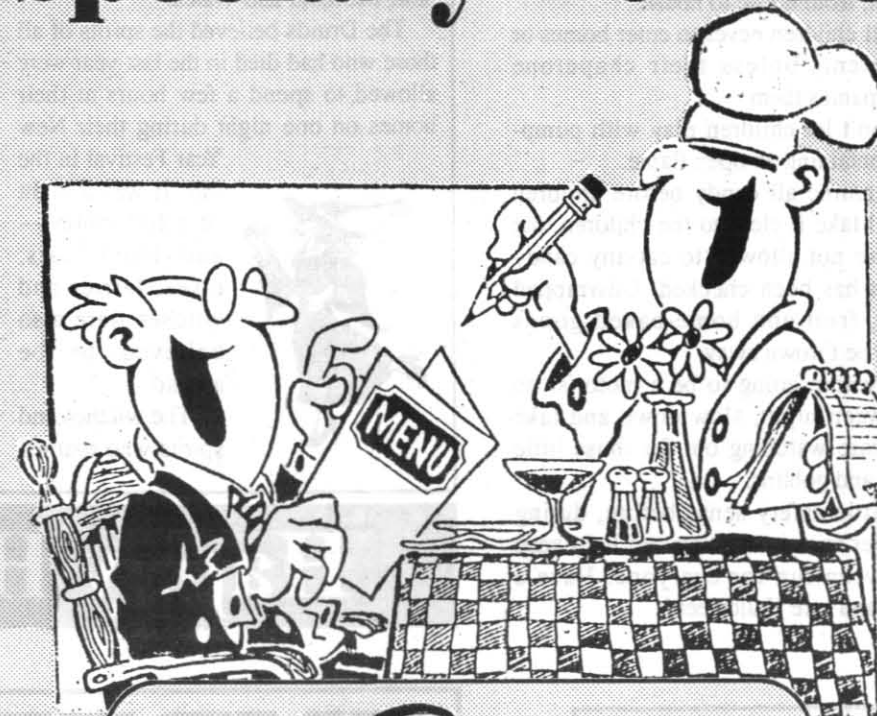
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Health Alert: Rodents taken locally test negative

On Oct. 7, Capt. Charles A. Stevenson, Commanding Officer, Naval Air Weapons Station China Lake, released an Issue Alert to all hands providing an update on the status of the Hantavirus, a virus strain that can possibly be transmitted by rodents.

According to medical sources, the virus can be found in rodent droppings and urine. To date, only the deer mouse has been identified as a possible carrier, however, all rodents are considered potential carriers.

Due to the higher number of rodents in the work places at China Lake this summer, a number of rodents were taken from the China Lake site to be tested by the Navy Disease Vector Ecology and Control Center (NAVDSVECTECOLCONCEN) and the Center for Disease Control (CDC). All samples taken from China Lake tested negative.

There are no plans for additional testing at the China Lake site, but we will continue to monitor this issue with NAVDSVECTECOLCONCEN and CDC, stated Stevenson. If there are any new developments, additional testing will be conducted and the employees informed of the developments.

"Even though the Hantavirus sam-

ples tested negative, I encourage employees to continue practicing a safe and common-sense approach to rodent control and infestations," Stevenson said. "Work place cleanliness is especially important to preventing rodent infestations. Rodents are particularly attracted to your work place by food, so I encourage a pack in, pack out policy and avoid any accumulation of trash and garbage near your work place."

Employees who have a concern about a rodent infestation in their work places can call Sam Camacho, Pest Control, Public Works, at 939-4457 or Jim Brown, Branch Medical Clinic, at 939-8015. They will make a field determination as to the extent of the problem and the necessary response.

If they determine a Public Works cleanup is necessary, or if the customer requests a PW cleanup, a job order number will be required so the cleanup can be made by qualified personnel.

Customers may follow up on the status of their scheduled cleanup by contacting their respective department's Public Works customer liaison representative or by calling Barry Kenady at 939-9436.

Video Listings

KNID "Secret City" Preview* & TVIS

KNID

*NOTE: Special Showing! Navy Channel 17 will highlight China Lake's 50th Anniversary with a special preview of segments from "Secret City—A History of the Navy at China Lake, next week, Oct. 25-29 and the week of the Anniversary, Nov. 1-5, at 5:55 p.m. following the Navy News. This TID-produced three-hour documentary is the most comprehensive video ever produced about the Navy's experience at China Lake. It will be shown in its entirety in two parts (10 a.m. and 1 p.m.) each day, Nov. 5-7, at the Station Theater.

The CFC videotape will spotlight the Robbie Sullivan Story each night.

Monday-Friday, Oct. 25-29

5:30 p.m.: Navy News
5:55 p.m.: Special Historical Preview: Secret City—A History of the Navy at China Lake, Part 10, China Lake is the Name on the Post Office

6:10 p.m.: Give From the Heart—1993 CFC Video: The Robbie Sullivan Story

6:19 p.m.: Heard Island: Experiment in Sound

6:34 p.m.: Best News Under the Sun

6:46 p.m.: Florida Citrus: Ataste of Sunshine

7:01 p.m.: Visions of Missouri

Monday-Friday, Nov. 1-5

5:30 p.m.: Navy News

5:55 p.m.: Special Historical Preview: Secret City—A History of the Navy at China Lake, Part 12, The Rocket Racket in Three Easy Lessons

6:07 p.m.: Giving From the Heart—1993 CFC Video: The Robbie Sullivan Story

6:16 p.m.: The Quiet Ship

6:24 p.m.: America Cooks

TVIS

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those with-

out access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program—the room number will be posted in the lobby. Note: We have obtained a subscription to distribute CNN Headline News over the TVIS. CNN Headline News can be seen workdays from 7 a.m. to 5 p.m. on Channel 1.

Tuesday, Oct. 26

8:30 a.m.: Legacy of the Lake/China Lake Diary/Weapons That Work

9:30 a.m.: Leadership and the One-Minute Manager with Ken Blanchard

1:00 p.m.: Macacademy: MS Word 5.0 Part 3 of 3

3:00 p.m.: "Safety Programs" 1. Safety and Environmental Affairs Journal; 2. Electrical Safety Principles and Emergency Responses

Thursday, Oct. 28

8:30 a.m.: IEEE: Emerging Technologies

11:30 a.m.: Wellness: Relaxation Video

1:00 p.m.: Macacademy: Excel - Part 1 of 4

3:00 p.m.: "Safety Programs" 1. Safety and Environmental Affairs Journal; 2. Electrical Safety Principles and Emergency Responses

Tuesday, Nov. 2

8:30 a.m.: The Twelve Steps of Recovery Programs

9:30 a.m.: Self-Discipline and Emotional Control, Part 1

11:15 a.m.: Wellness: Relaxation Video

1:00 p.m.: Macacademy: Excel - Part 2 of 4

3:00 p.m.: "Safety Programs" 1. Safety and Environmental Affairs Journal; 2. Electrical Safety Principles and Emergency Responses

Thursday, Nov. 4

8:30 a.m.: Life After Retirement

9:30 a.m.: Self-Discipline & Emotional Control, Part 2

11:00 a.m.: Wellness: Relaxation Video

1:00 p.m.: Macacademy: Excel - Part 3 of 4

3:00 p.m.: "Safety Programs" 1. Safety and Environmental Affairs Journal; 2. Electrical Safety Principles and Emergency Responses

Water well drilling classes provide training for military, water quality data to NAWS

By Barry McDonald
Editor

Water well drilling crews from Naval Construction Training Center (NCTC), Port Hueneme, in September, conducted a three-week training exercise in which they drilled a 1,000-foot well on the west boundary of NAWS China Lake. The well is part of an investigation being made by the Environmental Projects Office into the potential for water production wells in the area. Another NCTC 'class' arrived this week to complete the project.

Since 1986, these SeaBee training exercises have completed 52 monitor wells and two production wells at China Lake. The monitor wells are currently used in the EPO's quarterly groundwater level and semi-annual water quality sampling programs. The production wells supply potable groundwater to remote facilities—Baker-4 Range and a sea site facility at the Electronic Combat (Echo) Range.

Under the program the NAWS EPO provides the materials, billeting and transportation and arranges for environmental clearances for all well sites and the NCTC provides the manpower and equipment.

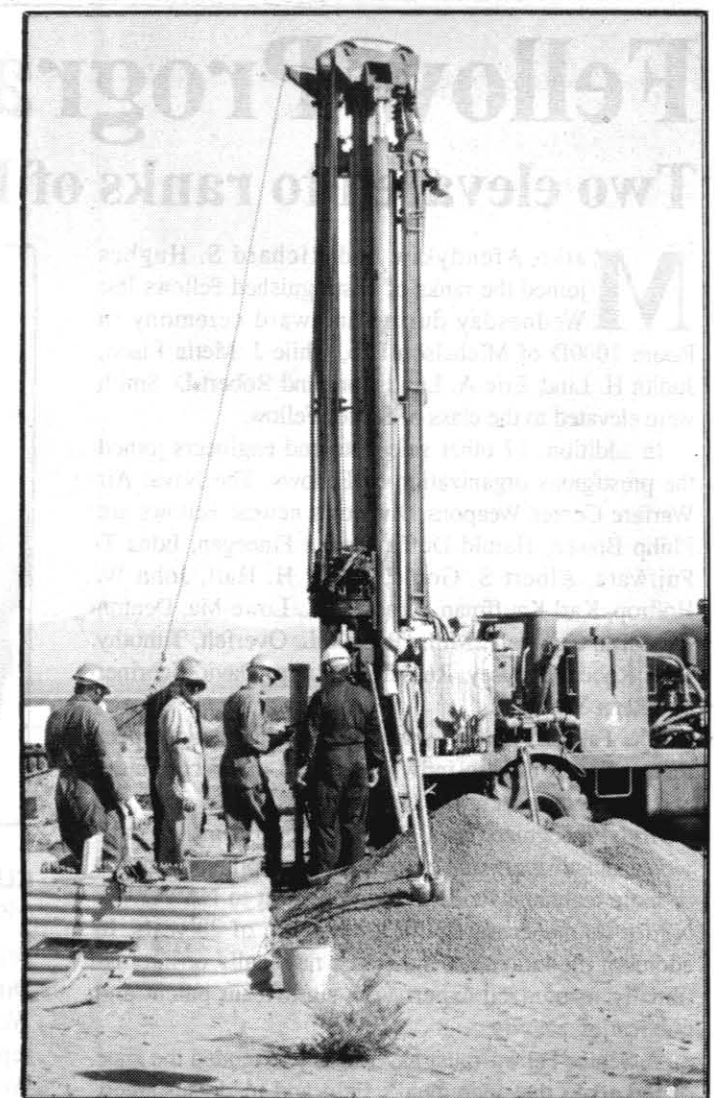
While the training is based out of the SeaBee training center, the September effort involved instructors and students from various services. Three instructors—Navy First Class Petty Officer Equipment Operators Jim Womack and Dan Stroba and Army Sergeant First Class Mark Wagner—taught the art of well drilling to 12 students from the Air Force, Army, Army National Guard and Navy. They

worked 24 hours a day, in three shifts, consisting of one instructor and four students each. Shifts revolved to allow students the opportunity to experience different aspects of the process.

The process involves drilling a 12 and one-quarter-inch borehole, which is then cased with six-inch perforated and solid PVC pipe, packed with gravel around the pipe and cemented off at 50 feet below the surface. During the operation each five-foot interval is sampled and graded as gravel, sand, silt or clay, or a combination thereof. Under a separate arrangement, when North American Chemical Company's electric logging truck is available, a suite of electric logs is conducted in the open borehole. EPO's on-site geologist, Mike Stoner, uses the logs, sample cuttings and drilling-time logs to plan a design for the well.

China Lake's Groundwater Management Policy was drafted in 1980 by Pierre St. Amand, Carl Austin and Bill Bonner. Since coming to work at China Lake in 1985, Stoner has represented the Station in a variety of cooperative groundwater management efforts—U.S. Geological Survey groundwater modeling and well monitoring, a Bureau of Reclamation drilling project, monthly meetings on local and regional issues, a Kern County Water Agency well monitoring project and three masters theses focused on the Indian Wells Valley aquifer system. Stoner explained that collection and analysis of this data has shown the IWV is in "overdraft," and careful management of the water resources is necessary.

Please see **WELLS**, Page 22



MILITARY DRILLING rig was specially designed by Ingersoll-Rand to fit into a sea container for fast deployment with the SeaBees.

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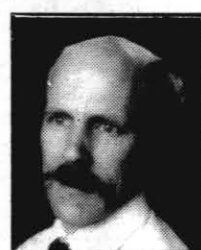
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Fellow Program honors 23 employees

Two elevated to ranks of Distinguished Fellows, four to Senior Fellows

Marko Afendykiw and Richard S. Hughes joined the ranks of Distinguished Fellows last Wednesday during an award ceremony in Room 1000D of Michelson Lab, while J. Merle Elson, Judith H. Lind, Eric A. Lundstrom and Robert D. Smith were elevated to the class of Senior Fellow.

In addition, 17 other scientists and engineers joined the prestigious organization as Fellows. The Naval Air Warfare Center Weapons Division's newest Fellows are Philip Bowen, Harold Duffy, Steven Finnegan, Edna T. Fujiwara, Albert S. Gould, David H. Hall, John W. Holtrop, Karl Kauffman, Charlotte K. Lowe-Ma, Denton C. Marrs, George T. Mills, Pamela L. Overfelt, Timothy Parr, Robert Pheysey, Russell D. Rupp, David Schriener and Rena Yang Yee.

The Fellow Program was established to provide peer recognition for those individuals who make continued and outstanding technical contributions.

To be recognized as a Distinguished Fellow, an individual must have made pioneering developments in one or more technical fields of direct benefit to NAWCWPNS (or its predecessors) for a minimum of 20 years. In addition, the individual must be a nationally or internationally recognized expert with significant patent and publication activity.

A Senior Fellow must have clearly extended the state of the art in that individual's field and made sustained, wide-ranging and crucial contributions to NAWCWPNS (or its predecessors) programs for a minimum of 17 years. Patent or publication activity and recognition by the technical community outside of NAWCWPNS is also expected.

To be recognized as a Fellow, a person must be recognized as a leading expert in the individual's field and have made identifiable original technical contributions critical to the success of NAWCWPNS (or its predecessors) programs for a minimum of 12 years. Patent or publication activity and recognition of capability by the technical community outside of NAWCWPNS is a typical requirement.

Jon Rogerson, chairman of the 1993 Fellows Selection Committee, then introduced Sterling Haaland, NAWCWPNS Deputy Commander for Research & Development. Haaland was assisted in handing out the



Photo by Terry Pascarella

CLIMBING the ranks of the Fellows organization are new Senior Fellows (l to r) Eric Lundstrom, Robert Smith, Merle Elson and Judith Lind, and new Distinguished Fellows, Marko Afendykiw and Richard Hughes.

Fellow Plaques by Gerry R. Schiefer, director, Weapons Directorate; and Milt K. Burford, head of the Aircraft Weapons Integration Department (Fighter/Attack), who represented Capt. Paul E. O'Brian, director, Aircraft Weapon Systems Directorate.

"This celebration is something I feel very strongly about," Haaland told the people attending the awards ceremony. "NAWCWPNS and the Navy appreciates those of you who have dedicated your careers to science and engineering. We appreciate that very much."

•The two new Distinguished Fellows were then introduced.

The citation for **Marko Afendykiw**, a member of the Intercept Weapons Department's Radio Frequency Guidance Division, reads, "In recognition of your achievement in developing the modern, solid-state millimeter-wave missile seeker transmitter."

Richard Hughes was recognized for his contribution to the design of anti-radiation seekers and freely publishing his findings for the use of others. Hughes is a member of the Weapons Systems Development Division, Attack Weapons Department.

•The new Senior Fellows were then introduced.

Merle Elson's citation reads, "In recognition of your contributions leading to a better understanding of scattering from optical surfaces." Elson is currently a member of the Research Department's Physics Division.

Judith Lind currently works in the Targeting and Fire Control Division, Aircraft Weapons Integration Department. Calling upon her extensive experience in the human engineering of the AV8-B, A6E and F/A-18 cockpits, Lind systematically and exhaustively enumerated the human factors problems for aircrew-aircraft interfaces, explaining each problem, what has been done so far to solve it and possible approaches to solving it.

Eric Lundstrom is a member of the Ordnance System Department's Ordnance Development Division. His citation reads, "In recognition of your achievements in development of computer models for the design of insensitive ordnance systems."

Robert Smith's citation reads, "In recognition of your achievements in guidance and control." Smith is a member of the Intercept Weapons Department's Missile Systems Division.

•Haaland then introduced the newest Fellows.

Philip Bowen, a member of the Missile Systems Division, Intercept Weapons Department, was recognized for his contributions to seeker controller algorithms and for his contributions to the field of guidance and control.

Harold Duffy's citation reads, "In recognition of your outstanding achievements in the design and implementation of specialized telemetry hardware." Duffy works in the Data Systems Division, Range Department.

Stephen Finnegan, a member of the Research Department's Engineering Sciences Division, was recognized for his contributions in the study of impact mechanics, high strain rate material behavior and shock metallurgy.

Edna Fujiwara was recognized for her contributions to exceptional threat data analysis in support of the fleet. The Attack Weapons Department's Weapon Systems Analysis Division employee's citation reads, "In recognition of your achievement in developing a 'standard' for threat data analysis."

Albert Gould was recognized for his contributions in conventional weapon terminal effectiveness and lethality. His citation reads, "In recognition of your achievements



Photo by Terry Pascarella

NEWEST NAWCWPNS Fellows are (l to r) Harold Duffy, Steven Finnegan, Karl Kauffman, Philip Bowen, John Holtrop, Albert Gould and David Hall.

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INFOS works at removing another 'seam' between Naval Air Warfare Center sites

By Karen Buehler
NAWCWPS China Lake

At long last the Interim Naval Air Warfare Center Financial Operations Support (INFOS) effort is moving toward implementation of common financial operations at all NAWC sites. It is one of the NAWC's first initiatives toward providing a truly "seamless" NAWC-wide project management program. The extensive initial planning and definition phase of this project is near completion with the Program Decision Meeting with ASN(RD&A) scheduled for early December.

The INFOS Project Office will physically reside at China Lake with Nancy Hodge, former head of the Business Support Division in the Comptroller Department, serving as project director. Kathy Finch, formerly the deputy program manager and system engineer for Advanced Rocket Systems, will serve as technical manager.

The objective of the project office is to support NAWC management in the effective and efficient management of resources and to implement a system which will assist in the realization of the

consolidation objectives and cost savings mandated by Defense Resources Management Decision 918. This task should be completed within two years from receipt of the software. Current schedule for this Base Realignment and Closure project calls for an October 1995 Initial Operating Capability at all NAWC sites.

Lew Lundberg, NAWC Technical Director, and strong supporter of the INFOS Project reflected, "Everyone has been working really hard to make this thing happen. It has been a long struggle. The benefits of the new interim system were clear from the beginning, but the process required a great deal of energy, especially since the program needed to obtain concurrence from multiple interest areas of the bureaucracy. It is a clear demonstration of successful team effort between headquarters and the field activities to make things happen."

Oversight of the INFOS Project comes from an Executive Advisory Group, which is chaired by Frank Faust (NAWC 10) and includes division comptrollers, Jerry Macy (NAWCWPS), Gene Townsend (NAWCAIR), and Bob Szymanski (NAWCTSD); Gil Beck-

ner (AIR-802); Charlie Stokes (AIR-713); LCDr. Howard Lind (NISMIC); Finch and Hodge.

The NAWC INFOS Project Office was chartered by RAdm. George H. Strohsahl, NAWC Commander, to support the increased scope of effort as the project moves into its second major phase. INFOS has the potential to impact business operations throughout NAWC, thus active participation from all NAWC sites is highly desirable. In addition, site integration groups will be tasked with design and implementation of interfaces to the core INFOS system at each NAWC site. Division coordinators will provide continuity and liaison between sites and the NAWC Project Office. Coordinators for the Aircraft and Training Systems divisions will be Rich Haggerty and Jim Taylor, respectively. A Weapons Division coordinator has not yet been designated.

Those interested in learning more about this innovative NAWC-wide project may contact Frank Faust at DSN 286-2272, ext. 2208, or Nancy Hodge at 939-2803.

WELLS from Page 5

One provision of the 1980 policy states that the Navy will entertain proposals from other water purveying entities to drill production wells in a south-to-north fashion about one-half mile east of the western boundary fence line. Stoner felt a characterization study of the area was needed to better define the potential for groundwater production, and investigation of the area began in early 1992 with the first of the SeaBee-drilled monitoring wells. The September well was the fourth of a total of six into the investigation of the area's geohydrologic conditions.

Data from the first wells shows fine-grained clay and silts that thin out to the south, with water quality degrading to the north. The two final wells will be drilled during this recently arrived drilling class.

If the data continues to show the same results, Stoner says he will recommend to command that the 1980 policy be rewritten, eliminating the potential for other entities to drill in the southwest portion of the Station. He said he feels the area will probably be able to handle two or three production wells in the extreme southwest corner, but that those would be reserved for NAWC production wells when needed.

in guiding the employment and lethality improvements of conventional land attack missiles." Gould is part of the Attack Weapons Department's Weapon Systems Analysis Division team.

David Hall's citation reads, "In recognition of your achievements in the development of analysis techniques and methodologies for assessing the survivability and lethality of aircraft." Hall is a member of the Aircraft Weapons Integration Department's Survivability and Lethality Division.

John Holtrop, also from the Survivability and Lethality Division, was recognized for his contributions to aircraft survivability enhancements in the areas of engineering, design and testing.

Karl Kauffman, a member of the Engineering Department's Manufacturing Science Division team, was recognized for his achievements in the analysis, characterization and application of polymer materials.

Charlotte Lowe-Ma's citation reads, "In recognition of your achievements in x-ray crystallography. Lowe-Ma works in the Chemistry Division of the Research Department."

Denton Marrs' citation reads, "In recognition of your contributions leading to a better understanding of the interaction of laser energy with materials and development of laser devices to solve military problems." Marrs works in the Research Department's Physics Division.

George Mills is a member of the Threat, Telemetry and Instrumentation Department's Telemetry Division. His citation reads, "In recognition of your achievements in the design of video digitization/compression for weapons and weapon systems."

Pamela Overfelt was recognized for her extensive contributions to the understanding of electromagnetic



Photo by Terry Pascarella
JOINING the prestigious Fellows organization are (l to r) George Mills, David Schriener, Rena Yang Yee, Robert Pheysey, Pamela Overfelt, Timothy Parr and Russell Rupp. Not pictured are Charlotte Lowe-Ma, Denton Marrs and Edna Fujiwara.

theory and mathematical analysis of electromagnetic theory problems relating to radar. Overfelt is part of the Research Department's Physics Division team.

Timothy Parr's citation reads, "In recognition of your achievements in combustion research using advanced laser diagnostics." Parr works in the Engineering Sciences Division, Research Department.

Robert Pheysey was recognized for his achievements in the understanding and control of missile flight through simulation. Pheysey works in the Missile Systems Division, Intercept Weapons Department.

Russell Rupp's citation reads, "In recognition of

your achievements in optimally integrating avionics into fleet air platforms." Rupp works in the Systems Engineering Division, Aircraft Weapons Integration Department.

David Schriener, a member of the Intercept Weapons Department's Radio Frequency Division team, was recognized for his achievements in the development of the impulse radar for military applications.

Rena Yang Yee, a member of the Research Department's Chemistry Division, was recognized for her achievements in the fields of physical chemistry of energetic materials and polymer physics.

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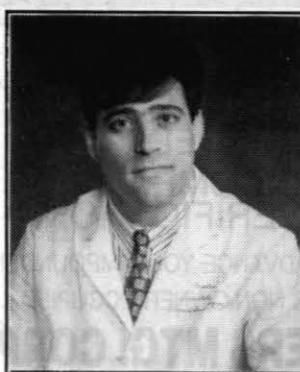
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PAY, from Page 1

it's faster. If, for some reason, an employee needs a special pay, let's say due to a lost paycheck, the special pay would be in their bank within two days. If it is mailed to them, it could be five to 10 days before they receive it."

The other NAWCWPNS sites have already switched to the new pay system.

When asked about all the problems the Point Mugu site had when it transferred over to the new system, which resulted in 63 special pays, Sweany and Anderson both said that was a different situation. During the time of the switch over, a number of things were going on, they explained. For example, Point Mugu had never had a payroll office before that date and had never before been on the 5-4-9 pay schedule. In addition, Point Mugu was in the fiscal year end processing and was adjusting to a brand new electronic time card. To make matters even more complicated, Denver had just hired several new payroll clerks that pay period. Also, this was Denver's first experience implementing a Navy activity. "It was overwhelming," Sweany said.

To help avoid problems, timekeepers do need to remember to get their time cards in on time, Sweany said. Under the new system, time sheets are due to the Payroll Branch by 11 a.m. on Thursdays during flex weeks and 11 a.m. on Fri-

days during non-flex weeks. Under the current system, time cards are due on Mondays.

New time and attendance sheets are available through Telmart. Macintosh users may access the forms through the C63 key server.

There is another change employees

need to be aware of, Sweany said. Currently, all China Lake employees have a Work Schedule Change Form (NAWCWPNS Form 7420/3) on file. The form lists the days and

hours the employee works and the schedule the employee is on (5-4-9, first 40, and so forth). "This is important," Sweany said, "because the new pay system is work schedule driven. If the hours listed on an employee's time sheet doesn't match the work schedule on file, the time sheet will be rejected. Work Schedule Change Forms are also available at Telmart or through the C63 key server."

Another way to help avoid problems is for employees to make sure their timekeepers have their Social Security numbers. "Under the new system, if we don't have a Social Security number, we can't identify the person in the system," Sweany said. "They may not get paid. It is imperative that we receive that infor-

mation. We have already asked all timekeepers to be sensitive to the fact that time sheets do contain Privacy Act information."

"I don't foresee a magnitude of problems for China Lake," she said. "It would be unrealistic of me to say there won't be absolutely any problem, though. However, if an employee does have a problem, a 'customer service representative' (the new name for payroll clerks under the new system) should be contacted as soon as possible. If

it is a matter of someone not receiving a full paycheck, we will request a special pay. That's why we want to be notified as soon as possible, so the employee will receive a paycheck as quickly as possible."

Another potential problem could arise with the new leave and earnings statement (LES), Sweany said. Employees need to make sure everything transferred the way it should have. "If you happen to be one of the ones who falls through the crack, you need to come in and let us know immediately," she said. "Hopefully, we will already know about the problem and be in the process of fixing it."

One item that won't cross over from the old LESs to the new ones is cumula-

tive retirement figures, Sweany said. The money in the cumulative retirement accounts must be transferred to the Office of Personnel Management, and the new LESs will only reflect the amount generated since the new system began. "We are going from a Navy to a DoD system," Sweany explained. "The money from the Navy account has to be transferred to the DoD account and held there until the employee retires. Employees can figure out what their total cumulative retirement amount is by adding the amount from their last LES (dated for the pay period of Oct. 17-30) to the amount listed on their new LES. Later on, employees will be able to call OPM and find out if the figures match."

While the China Lake Payroll Office will keep a copy of employees' retirement cards and last LES in their payroll jackets, Sweany recommends employees keep their own copy of their last LES in case something happens to their payroll jacket.

Other amounts that won't be reflected on the new LES are accrued year-to-date annual and sick leave, year-to-date earnings and year-to-date deductions. The new LES will only reflect the amounts accrued since the conversion to the new pay system. Again, employees can add the amounts from their last LES from the old pay system to the new LES for the total accrued amounts.

The new leave and earnings state-

"This might be the time for the 166 employees who don't have direct deposit to reconsider."

—Barbe Anderson

CRADA provides local company with product and market

By Barry McDonald
Editor

Thanks to a cooperative research and development agreement (CRADA) signed in June, a new tool in weapons development will be available to all services in the Department of Defense and their contractors.

Recently the Navy had an urgent need for a device that could simulate infra-red flares used as countermeasures against missiles to help develop counter-countermeasure capabilities for the missiles. Field testing seeker responses to various types of flares is very costly and time consuming. At that time, a simulator that could provide the required parameters did not exist.

Les Forrester, a senior technician in the Signature Measurement & Evaluation Branch of the Intercept Weapons Department, designed and built a relatively low-cost simulator that met and exceeded Navy needs. Once others at China Lake found out what the simulator could do, they wanted their own. In all, Forrester has built and installed seven Multi-Flare Simulators at China Lake.

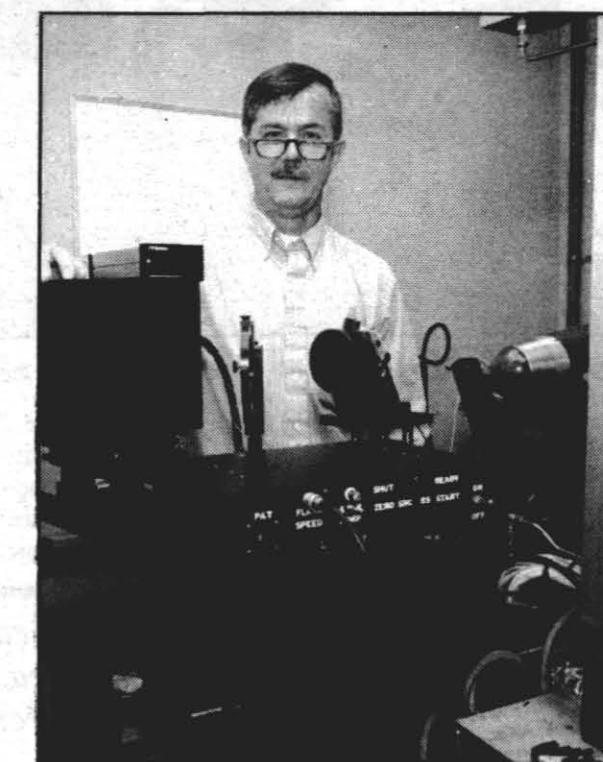
"I have over 20 years of experience in this field, and I am aware of the limitations of previous techniques used here and at other facilities," Forrester said. "The feedback from the senior engineering personnel that were using this device on a daily basis was extremely positive. It was soon apparent that we had an obligation to share this technology with the rest of the defense community that is performing similar tasks."

It was learned that by using a CRADA, the drawings and specifications for the simulator could be turned over to a manufacturer who could produce and sell the cost-

saving device to other DoD installations and DoD contractors.

At this point, ENTRON Systems, a local company familiar with China Lake's methods and products,

"It's a good device, and there are a lot people out there doing this kind of work."



Les Forrester with his Multi-Flare Simulator

entered the picture. Forrester had great confidence in their capabilities. He was happy to work with them, in conjunction with the Commercial Applications & Transfer Office and Industrial and Government Liaison Office, as a potential CRADA partner.

"The ENTRON people are great to work with," Forrester said. "They are experts in infra-red technology and they're dedicated. We were very pleased that the CRADA was signed and we can begin work on it."

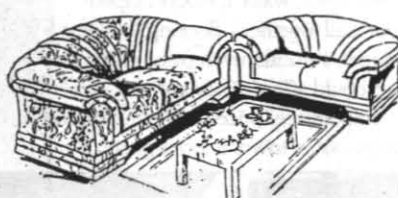
The CRADA calls for further cooperative investigation and development by ENTRON with Forrester, and it allows for NAWCWPNS to loan ENTRON a modified missile seeker to be used as a radiometer for quantifying the power output of the device. The agreement is for two years initially, with a two-year option.

"This agreement can work very well for us," said Dick Schmitt, president of ENTRON. "It's a good device, and there are a lot people out there doing this kind of work. The defense drawdown has dampened the potential market, but because of the type of agreement it is, we have a relatively low investment in the device and stand to get enough business out of it to make it worth our while. An additional benefit will be the exposure it gives us in the IR community."

"This partnership is an excellent example of technology transfer," said Martha Harrington of the transfer office. "It allows for commercial development, and the additional benefits of savings to the government by simulation instead of field testing and providing a product and a market for a local small business coincide with the Clinton administration's objective of government helping to stimulate the economy. Further, it lowers the cost of government through innovation."

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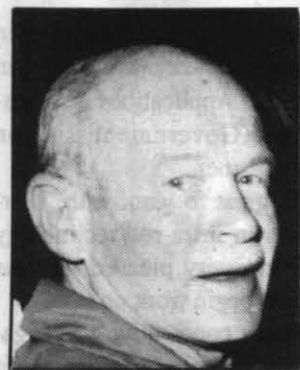
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CFC #6013

QF-86 from Page 1



Dick Wright

Dick Wright, also a remote and test pilot for the QF-86, has been with the program at China Lake for 12 years. During those years, he also flew the F-4 Phantom II, both in the aircraft and remotely. A carrier-based attack pilot in the Navy, Wright later became Executive Officer for VX-5 where he flew the A7-E aircraft before retiring from the Navy in 1974.

In January 1972, the QF-86H program was initiated as an interim program to provide the Navy with a drone target that would more realistically simulate the threat for air-to-air weapons systems testing. The first five years were devoted to target development at China Lake on the QF-86H and QT-38A programs and involved targets personnel at NWC, Point Mugu and the Naval Air Systems Command. Only 31 F-86Hs and eight T-38s were available for target use.

The F-86F Sabre jet, a full-scale, all-attitude, subsonic target, was selected as a follow-on to the QT-38A. The Sabre went into service for the Air Force in 1948. This aircraft saw service in the Korean War as a jet fighter where its performance proved superior to that of the opposing vaunted MiG-15. The demand for the F-86F by other countries became so great that in 1954 it was put back into production. Biggest of the overseas users was Japan, where 300 Sabres were assembled and built. When withdrawn from frontline service, Sabres continued to be used for training and testing.

The QF-86F FSAT Program began in February 1977, when the Navy took custody of the F-86F Military Assistance Program aircraft returned from Japan, Taiwan and, later, from Korea. Incorporating as much of the QF-86H and QT-38A all-attitude technology as feasible,



GROUND CREW shuttles the last QF-86F drone to the runway for its final test mission on Sept. 23.

the program was able to build a tough, maneuverable, subsonic target, which could sustain damage in the field and be recovered, repaired and returned to service. The QF-86F, the target version of the F-86F, was modified to be flown both remotely, in a no-onboard live operator presentation for weapons testing, and with a pilot on board.

By the end of 1990, 171 aircraft had been delivered to the Navy, of which 136 were converted to FSATs. Upon arrival at China Lake, the aircraft were preserved and stored, then subjected to rigorous inspection and repair as necessary. From 1981 to 1992, the Threat Simulation Directorate at Point Mugu managed and maintained half the QF-86F FSATs for service at Point Mugu and for deployments to Atlantic Fleet Weapons Training Facility.

Spare F-86 parts and J47-GE-27 engines were collected to support the program. Les Robison, QF-86 Program manager, recalls two stories, humorous now, but not at the time. "Once we found and brought back what we thought were 53 brand new engines from Pakistan," he said. "When we got them back and started taking them apart, we found that none of the engines could be used because they had been destroyed internally from debris that the jet engines had sucked up on the runways." Robison said that the engines looked brand new from the outside and even contained the original oil. They had, in fact, only been used once before they were ruined by the debris. "Whenever one stopped working, they'd just go get another one," Robison said with a chuckle.

The other story was set in Italy where the Navy went to buy some spare parts. At the time, Italy sold parts by the pound. Upon returning to the States with the parts, some folks were very surprised to find that they had bought a barrel full of rocks!

Reep and Wright agree that being a remote pilot is challenging. In remote flight, a camera mounted on the front of the aircraft gives only a 40-degree field of view and very poor depth perception. The remote pilot uses a 5- by 5-

inch screen to take off and land. Turbulence causes the camera to bounce around quite a bit, making it difficult for the pilot to see clearly. Wright, who has more than 500 carrier landings, admits "It's much easier to land an aircraft on a carrier than to land an aircraft remotely." Damage to the aircraft during a test can make landing extremely difficult, and in some cases dangerous. Although the aircraft may still be flyable, the pilot may have little control of the aircraft. If landing is not possible, the wing charges are detonated to destroy the aircraft to avoid harm to property or personnel.

The F-86F, according to the pilots, remained in excellent flying condition because of the outstanding maintenance it received at China Lake. "The maintenance group in Hangar 2, Kay and Associates, has done a superb job of maintaining these airplanes. I can't speak highly enough of them," Reep said. "If something comes up late in the afternoon, they'll work into the night to get the job done. They love these drones. These people have done thousands of hours of work—at high noon outside in the summer when it's 120 degrees and so hot that you can't touch the airframe, and in the winter at 6:30 in the morning when it's 25 degrees outside. These guys are the ones who deserve the real credit."

Every target system onboard the aircraft was designed, developed, documented and tested at China Lake. Those people responsible for the drone-peculiar work are employed by the FSAT Flight Support Section headed by Wayne Green, who has been with the program for about 10 years. This group maintained the drone system at the operational, intermediate and depot levels and was responsible for installing the aircraft destruct system in the drone system.

Over the years, many people, too many to mention here, have been responsible for the QF-86F's glorious and successful career. Right to the very end, this tough little aircraft has held its own. The last QF-86F will be displayed in a museum as a memorial of the countless hours of service it has given to the Navy.

"It's much easier to land an aircraft on a carrier than to land an aircraft remotely."

—Dick Wright



WING EXPLOSIVES are installed by members of the China Lake FSAT Support Section. The charges will be used to destroy the aircraft if it goes out of control.

throughout the area.

With this new award, Bennett said she will be going to Mount Holyoke College, South Hadley, Mass., where she received her bachelor's degree in 1951. "They have been after me for some years to come back and do whatever I could do to stay there for a semester or so," she said. "I have been putting them off for years, saying I didn't have the time and that this just wasn't the right time. Now, however, it looks like the time frame is right because things are winding down here and funding is getting sparse, so I can get away."

Bennett didn't think she had much of a chance to get the award, because she already received the grant once and there are usually a 100 to 150 applicants each year, and only 25 positions available.

Because Mt. Holyoke doesn't have a research program, Bennett said she will be working on a research project in optics with a colleague at Smith College. She will also interact with the other three colleges in the area, Amherst College, the University of Massachusetts and Hampshire College.

Bennett came to work for the then Naval Ordnance Test Station in 1956. She is currently working in the Research Department's Physics Division. In 1955 she became the first woman to receive a doctorate in physics from Pennsylvania State University.

During her career, she has authored or co-authored more than 100 papers and is a recognized expert in optics throughout the world. In addition to lecturing throughout the United States and Cana-

da, she has given lectures in Australia, Europe, Japan and Taiwan.

While in Sweden, she co-authored a book entitled "Introduction to Surface Roughness and Scattering" with Lars Mattsson. "This is just a teaching book," Bennett said, "explaining what the subject is all about."

For fellow physicists working in optics, Bennett compiled a collection of articles written on the subject over the years and created the book "Surface Finish and Its Measurement." This reference book is printed in two volumes.

She has served as a member of the National Research Council Evaluation Panel for the National Institute of Standards and Technology, Manufacturing Engineering Laboratory and is a member of the United States National Committee

for the International Commission of Optics. She is a Fellow of the Optical Society of America and in 1986 became the first woman to serve as president of the organization.

In 1983, Bennett received the Society of Photo-Optical Instrumentation Engineers' Technology Achievement Award. Other awards include the Optical Society of America's David Richardson Medal, the L.T.E. Thompson Award, an honorary doctor of science degree from Mt. Holyoke College and the Women in Science and Engineering Lifetime Achievement Award.

Bennett, who received her 40-year federal service pin in July from Adm. William E. Newman, NAWCWPNS Commander, will return to China Lake in January 1995.

Closures announced

•Oct. 22-24—Michelson Lab lot

On Oct. 22, 23 and 24, the parking lots on the east side of Michelson Laboratory will be closed to all vehicles for striping, and all vehicles must be removed.

Any vehicles remaining in the lot after 5 a.m. Friday, Oct. 22, will be towed at the owner's expense.

Employees who will be on travel during that time should not park in the Michelson Lab lots.

Questions about this issue should be addressed to the Michelson Laboratory

Coordinator's Office, 939-1213.

•Oct. 22—One-way traffic

Tomorrow, Oct. 22, Pilot Plant Road, Water Road, Burroughs Road and King Street will be partially closed for repairs. One-way traffic will be open. Repairs will be completed by Oct. 27.

•Nov. 4-7—Blandly closed for 50th

Blandly Avenue will be closed all day Thursday, Nov. 4, to allow crews to set up static displays for the 50th Anniversary celebration. The street will also be closed throughout that weekend, Nov. 5 through 7.

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- Carrie Ovall Children's Center - Inyokern
- China Lake Mountain Rescue Group
- Community Connection for Child Care
- Girl Scouts - Joshua Tree Council
- High Desert Child Abuse Prevention Council
- Homemaker Service of Indian Wells Valley/Senior Information and Referral Program/Adult Day Care
- Indian Wells Valley Association for Retarded Citizens
- Indian Wells Valley YMCA Indian Guides & Maidens
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- Radio Amateur Civil Emergency Service
- Salvation Army
- Women's Center - High Desert

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Free Estimates

Jean Bennett receives VPW award

NAWCWPNS senior optics research scientist to spend 12 months in the Five College area

By Peggy Shoaf
Staff Writer

For the second time in her career, Dr. Jean McPherson Bennett has received the Visiting Professorships for Women Award.

The award enables the Naval Air Warfare Center Weapons Division senior scientist in optics research to spend 12 months in the Five College area of Massachusetts. While there, she will be busy doing research, lecturing and acting as a role model to other women entering the scientific field.

The VPW program, now in its 11th year, is a National Science Foundation effort to boost representation of women in science and to enhance their professional recognition at major universities.

"Traditionally, there are very few women on the staff at high levels in the academic community," Bennett explained. "The VPW program was developed in an attempt to put women faculty at places where they would be visible, particularly to the young female undergraduates and graduates."

According to the National Science Foundation, women comprise only 11

percent of tenured scientists and engineers in the nation's universities and

four-year colleges, and women with doctorates make up just 17 percent of the

scientists and engineers in the U.S. workforce. The inequity extends to salaries also, with women faculty members making about one-third less than their male counterparts.

One of the aims of the program, Bennett continued, is to take a woman scientist who is supposedly stagnating, or in an area where she can't do research, and give her an opportunity to go to a place where she can do research and interface with other personnel.

"In my case, for my first VPW award, I went from here (China Lake), where I had active research going on, to the University of Alabama in Huntsville, where I was given an empty room. In fact, it was actually full of someone else's stuff," she said with a reminiscent smile. "I had to clean it out first and then build a laboratory from scratch, so I didn't get a chance to do much research there."

But Bennett didn't feel her time there was wasted, as her presence influenced two or three women to enter the field of optics. "I was really pleased," she said. "One of them currently holds quite a responsible position at NASA in the Marshall Space Flight Center."

In addition, she taught classes to the people working in optic companies



40-YEARS OF SERVICE—Jean McPherson Bennett accepts her 40-year plaque from RAdm. William E. Newman, NAWCWPNS Commander. Bennett recently earned her second Visiting Professorships for Women Award.

Photo by Terry Pascarella

Mail those packages early

Xmas mailing deadlines near

Don't like to fight the crowds or long lines at the post office to mail holiday packages? It's not too early to mail overseas packages, said Military Postal Service Agency officials.

In fact, some deadlines for overseas Christmas mailing are rapidly approaching or have already passed. Mailing early will also save money, said postal officials, because cheaper categories can be used.

These "deadlines" are only recommendations for packages and letters destined for the U.S. from overseas or vice versa, said military postal officials. Experience shows most packages mailed after these dates do not arrive in time for the holiday season.

If an early mailing date is missed, use parcel airlift or priority mail. Again, there are no guarantees that the package will arrive on time, but chances are good they will, said postal officials.

To make sure that package arrives on time and in good shape, the U.S. Postal Service recommends:

- Don't wrap package with paper, string or twine.
- Use crumpled newspaper or other type of cushioning material to keep contents from shifting.
- Use fiberglass strapping tape, paper tape or plastic carton tape to seal the package.
- Make sure addresses are correct,

legible and written with smudgeproof ink.

- Use the correct ZIP codes.
- Write the "to" and return address on a slip of paper and place it inside each package in case the package is damaged.
- Address the package correctly, with the return address in the upper left corner and the "to" address in the lower right corner.
- Use the correct Postal Service customs declaration forms and fill them out completely.
- Mail packages and cards before the recommended deadlines.
- If possible, mail early in the day.

—American Forces Information Service

Department of Defense continues with its downsizing efforts

DoD continues to shrink, as recently released strength figures show a decrease of almost 5,000 service members in July, 133,600 lower than the same time last year.

Military officials said these figures represent regulars and reservists on active duty, as well as officer cadets at the three military academies.

The Army has 579,224 individuals

currently on active duty, down 3,119 from June. On July 31, 1992, the Army strength stood at 637,856.

Figures indicate 511,913 people now wear the Navy uniform, compared with 512,678 at the end of June. Almost 30,000 more, or 541,080, were on active duty this time last year. Numbers for the Marine Corps dropped 82 from the end of

June to 179,529 on July 31. A year ago, the Marines had 187,731 on duty.

Currently serving in the Air Force are 446,998 people, down from 447,823 on June 30. The Air Force had 484,597 members just a year ago.

DoD officials credited early retirement and voluntary separation incentive programs with helping the department to meet its drawdown goals.

Deadlines for Holiday Mail From Overseas

| Destination | Priority | Letters | SAM | Surface |
|--------------|----------|---------|--------|---------|
| U.S. Gateway | Dec. 2 | Dec. 9 | Dec. 2 | Nov. 1 |

Deadlines for Outbound Surface Mail to:

| Destination | International | Military |
|-------------------------|---------------|----------|
| Africa | Oct. 1 | |
| Australia | Nov. 1 | |
| Caribbean | Nov. 1 | |
| Central & South America | Oct. 1 | |
| APO/FPO AA ZIPs | | Nov. 1 |
| Europe | Nov. 1 | |
| APO/FPOs | | Nov. 1 |
| AE ZIP 090-097 | | Nov. 1 |
| AE ZIP 098 | | Oct. 25 |
| Far East | Nov. 1 | |
| APO/FPO AP ZIPs | | Nov. 1 |
| Middle East | Oct. 1 | |
| Southeast Asia | Nov. 1 | |

Deadlines for Outbound Airmail to:

| Destination | Air Parcels and Priority | Air Letters and Cards | Parcel Airlift (PAL) | Space Available Mail (SAM) |
|-------------------------|--------------------------|-----------------------|----------------------|----------------------------|
| Africa | Dec. 1 | Dec. 1 | | |
| Australia | Dec. 6 | Dec. 6 | | |
| Caribbean | Dec. 6 | Dec. 6 | | |
| Central & South America | Dec. 1 | Dec. 6 | | |
| APO/FPO AA ZIPs | Dec. 1 | Dec. 6 | Nov. 22 | Nov. 10 |
| Europe | Dec. 1 | Dec. 1 | | |
| APO/FPO ZIP | | | | |
| 090-097 | Dec. 1 | Dec. 1 | Nov. 22 | Nov. 10 |
| APO/FPO ZIP 098 | Nov. 17 | Nov. 24 | Nov. 10 | Nov. 2 |
| Far East | Dec. 1 | Dec. 1 | | |
| APO/FPO AP ZIPs | Dec. 1 | Dec. 1 | Nov. 22 | Nov. 10 |
| Greenland | Dec. 1 | Dec. 1 | | |
| Middle East | Nov. 15 | Dec. 1 | | |
| Southeast Asia | Dec. 1 | Dec. 1 | | |

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CO's DESKTOP, from Page 2

books contravenes the intent of this particular paragraph of the Standards of Conduct. To eliminate the appearance of coercion, intimidation or pressure from rank, grade or position, DoN personnel simply may not solicit or make solicited sales to junior personnel.

Junior personnel who believe they have been coerced, intimidated or pressured by senior personnel should contact that individual's superior and lodge a complaint.

Pursuant to Chapter II, Paragraph 201 of SECNAVINST 5370.2J, leaders and supervisors have, in addition to being fully accountable for their actions, the duties to "hold subordinate accountable and to initiate appropriate corrective, administrative, disciplinary or judicial action when individuals fail to meet their responsibilities."

Only by reporting violations of the Standards of Conduct will we be able to maintain the public's confidence in our institutional and individual integrity and to preserve that integrity which, ultimately, is the source of our strength and effectiveness as an armed force.

Higher-than-normal afternoon, below-normal morning temperatures highlight September's weather

During most of September, temperatures were above normal during the afternoons and below normal during the mornings, noted the Range Meteorology Office, Range Support Branch, China

Lake had 12 days with an afternoon temperature of 100 degrees Fahrenheit or higher, with a new record high being recorded on Sept. 10 when the afternoon temperature reached 110 degrees.

A new maximum daily temperature range of 54 degrees was set on Sept. 27 when the morning temperature climbed from 47 to 101 degrees.

Due to no precipitation in September,

the seasonal total is now almost three quarters of an inch below normal.

With the approach of November, days are shorter and cooler. A total eclipse of the moon is expected Nov. 28 and 29.

Local man wins television donated by NAWS Navy Exchange for Military Retiree Appreciation Day



AND THE WINNER IS...
Bill Davis (l), head of the Naval Air Weapons Station Retired Affairs Office, and Lt. James Anderson (r), officer-in-charge of the NAWS China Lake Navy Exchange, join Col. Cecil Davis Jr., USA Retired, as he picks up his brand new television from the NEX. Davis, who is from Ridgecrest, won the NEX-donated TV as a door prize during the annual Military Retiree Appreciation Day at Edwards Air Force Base. The day-long event was co-sponsored by NAWS China Lake and Edwards AFB. "This is the first time a Ridgecrest retiree has won the door prize in the past three years," said Bill Davis. "Usually the winner is someone from Lancaster or Palmdale."

Photo by Terry Pascarella

an Eagle Giver, Double Eagle Giver or even a Triple Eagle Giver," Newman explained. An Eagle Giver is someone who contributes one hour of pay per pay period, while a Double Eagle Giver contributes two hours of pay per pay period and so forth.

"Even if someone is only able to contribute \$2, you and the contributor have played a role in helping someone in need," Newman told the key workers. "Above all else, I hope that each person will 'Give From the Heart.'"

Newman then told a story of a nurse who escorted a tired, anxious young man to the bedside of an elderly man. After telling her patient his son was there, she left the young man holding the elderly man's hand, squeezing messages of

encouragement.

As dawn approached, the patient died. The young man gently placed the lifeless hand he had been holding on the bed and went to notify the nurse.

The nurse began to offer words of sympathy, but he interrupted her, asking who the man was. The startled nurse replied that she had thought the man was his father. No, the young man answered. I never saw him before in my life.

The puzzled nurse asked, Then why didn't you say something?

I sensed that he really needed his son, and that his son just wasn't here. Then I realized he was too sick to tell whether or not I was his son, and I knew how much he needed me.

"In this campaign," Newman said,

"we are the surrogate helpers for the hundreds of agencies and thousands of people who benefit from the services of these agencies. I encourage you all in your endeavors for pledges, and I especially thank you for your time and caring. Let's make this year one to remember by encouraging your peers to 'Give From the Heart.'"

The Combined Federal Campaign runs from now through Nov. 15. Objectives include 100 percent contact of all federal employees, an increase in the percentage of participation and to provide meaningful assistance to charitable organizations by increasing the number of Eagle Giver contributions and by increasing the average donation.

During last year's campaign, each

organization improved themselves with an increase in the percentage of participation and dollar amount. In comparison with other campaigns which grossed between \$250 thousand to \$1 million, the 1992 IWV CFC rated second in percentage of dollar increase (18 percent), and fourth in average given per participant (\$142). In addition, the 1992 campaign increased its total dollar amount by \$53,000 over the 1991 campaign. Fifty-two percent of the monies pledged went to local organizations.

Employees who are not contacted about this year's campaign, or who have additional questions about how their money would be used, are asked to call Bob Huey, chairman of this year's campaign, at 927-3891.

FEHB open season begins November 8

Health Benefits Fair set for Monday, Nov. 15 at the NAWC Training Center, China Lake

Open season for the Federal Employees Health Benefit Program will start Nov. 8 and run through Dec. 13. During this time, all eligible employees will be able to change insurance plans or enroll in a plan, if not currently enrolled.

Plan comparison charts will be distributed to all employees as soon as they arrive in the Human Resources Department. The plan comparison charts com-

pare all plans available, including price, coverage and deductibles. Brochures on the specific plans will be available the first week in November.

The Health Benefits Fair will be held Monday, Nov. 15. It will be located in the NAWC Training Center, Room 107, from 8 a.m. to 3:30 p.m. Representatives from most of the health insurance plans will be on hand to answer any

questions about their plan.

To change or start an enrollment, employees should go to Room 100 in the Human Resources Department compound, located on the corner of Knox and Blandy. An assistant will give employees their Official Personnel Folder and direct them to the appropriate personnel assistant to assist them with their enrollment. Please have social security

numbers of all family members available at this time to accurately process the enrollment form.

All changes made during open season will become effective on Jan. 10. Employees will receive information and an I.D. card for their new plan at the end of January. Claims incurred this year with your current health insurance plans can be filed no later than Dec. 31, 1994.

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Commander asks workers to 'Give From the Heart'

Keyworkers at every level are an important element in the success of this year's Combined Federal Campaign

By Peggy Shoaf
Staff Writer

Military and civilian employees at the China Lake site of the Naval Air Warfare Center Weapons Division gathered together Thursday, Oct. 8, to begin their collateral duties as key workers in this year's Combined Federal Campaign. This year's CFC theme is "Give From the Heart."

"As key workers at every level of NAWCWPNS and its tenant organizations, you are indeed the key to the success of this year's campaign," RAdm. William E. Newman, NAWCWPNS Commander, told the assembled employees. "It is especially confirming for me to see the civilian-military team working together on this effort."

Newman then explained the importance of this year's campaign. "I don't have to tell any of you about the need to help others during this time of change," he said. "You read the same papers and watch the same TV news that I do. You see the faces of despair around the world. You see the pictures of the unemployed and the flood victims in the United States, as well as the victims of famine and war across the globe."

Unfortunately, national, world-wide and even local agencies that feed the hungry and shelter the homeless are being taxed to their limits, the NAWCWPNS commander said. In addition, local agencies that support victims of domestic violence, the developmentally disabled, senior citizens and our schools are reducing staff and curtailing services.

"There appear to be more and more needs for which



Photo by Terry Pascarella

CFC KEYWORKERS listen as RAdm. William E. Newman, NAWCWPNS Commander, explains how shrinking budgets and increasing requests for help make this year's campaign very important.

care is not being provided. We are asked to extend ourselves beyond our old limits because of expanded

needs," Newman said.

"My hope is that each person will consider becoming

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50 years: China Lake remembers its history with a celebration

China Lake 50th Anniversary weekend, Nov. 5 through 7, promises to evoke and create a variety of memories.

Marine Challenge

Kicking off the weekend will the Marine Challenge 10-K Run and 5-K Walk, beginning at 8 a.m. Friday, Nov. 5. There is still time to sign up. Applications are available at the China Lake Gymnasium and the Marine Aviation Detachment, sponsor of the event, at 813 Nimitz (at Lauritsen). Entry fee is \$15. Plaques and trophies will be awarded to the winners of the run. All participants will receive "Marine Challenge" T-shirts and be eligible for a drawing for prizes after the race. For further information, call the MAD at 939-6601.

Weapons displays

Exhibits highlighting the many technical programs that have been developed at China Lake will be displayed on a walking route along Blandy Street Nov. 5-7. Blandy Street will be closed to traffic from Knox Road to Lauritsen Road Nov. 4-7 for that purpose (one extra day is needed for set up). Food and souvenir booths will be available at various locations along the way. Visitors should include the front lawn of the Administration Building and the China Lake Weapons Exhibit Center in their tour. The Navy Balloon Team will be giving tethered rides, and the Marine Aviation Detachment display will be on view at the Administration Building. Starting at 9 a.m. through 5 p.m. on Friday, Saturday and Sunday, this event is open to the public, and parking will be available at various locations.

Michelson Lab tours

Self-guided tours of Michelson Laboratory will also be held from 9 a.m. to 5 p.m., but on Friday and Saturday only.

Static displays in the main parking lot will allow close-up viewing of various aircraft.

"Secret City" documentary

The new China Lake documentary, "Secret City—A History of the Navy at China Lake," will be shown in two parts at the Station Theater each day. Produced by the Technical Information Department, this is the most comprehensive videotape ever compiled about the Navy's experience at China Lake, and it will be shown using a special video projection system that will fill the theater's screen with a sharp, bright image. Part 1 will be screened at 10 a.m. and Part 2 at 1 p.m.

The Navy Channel, KNID, Channel 17 on Benchmark Cablevision, will begin running special preview segments of "Secret City," next Monday. One segment will run each evening next week following the 5:30 "Navy News." Another segment will run the following week, leading to the anniversary weekend.

Friday reception

A reception honoring the military, jointly sponsored by the Ridgecrest Chamber of Commerce and the Friends of the Fair, will be held Friday evening at Kerr McGee Center in Ridgecrest, beginning with hors d'oeuvres at 7. This event is open to all. Wally Schirra, former astronaut and China Lake pilot, will be the guest speaker at 8, followed by dancing to the Navy Band, "The Spirit,"

at 9. Tickets are still available for \$10 apiece at the Ridgecrest Chamber office and the NAWS Public Affairs Office.

Air show and displays

On Saturday, Armitage Field will open to the public at 10 a.m. with aircraft static displays and various exhibits on view. An air show will begin at noon, featuring the China Lake Parachute Team, Edwards Air Force Base Parachute Team, VX-5 Air Power Demonstration, a Fire Fighter demonstration, a helo search and rescue demonstration, the AV-8 Harrier and joint Navy and Air Force maneuvers followed by the Navy Balloon Team. Food and souvenir booths will offer refreshments and mementos for purchase. Admission to the air field is free.

Saturday gala

salute "A Salute to China Lakers—An Evening of Celebration," the weekend's gala bash, will be held Saturday in Hangar 3 at Armitage Field. It features a reception at 5:30 p.m., followed by dinner at 6:30, a program with an invited speaker at 8 and dancing to "The Spirit" at 10. The 2,000 tickets for this event were sold out some time ago.

Golf classic

The MWR Golf Classic, with check-in time of 7 a.m. and a tee-off time of 7:30, starts off the final day of the celebration, Sunday, bright and early. The classic will feature a shotgun start, two best balls, gross and net. Hot dogs, beer

and soft drinks will be available. There will be a variety of prizes, including one for a hole-in-one. The tourney will be limited to 144 starts, and at press time, there were still some openings.

Chapel services

Two former chaplains will be on hand at the All Faith Chapel Sunday morning to participate in church services to honor former employees who dedicated their careers to the defense of our country. Protestant services will be conducted at 8 and 10:30, with Catholic services at 9.

Reunion picnic

Solar Park, on Blandy Avenue next to the Seafarer Club, is the location of the China Lake Reunion and Picnic, Sunday, beginning at noon. The Reunion Committee anticipates more than 3,000 China Lakers, from early timers to current employees, to gather for an afternoon of meeting, greeting and reminiscing. For that reason, no formal program, other than announcements, has been planned. Food and drinks will be available for sale or you can bring your own. While there will be 70 picnic tables and 700 chairs placed around the park, locals are urged to bring their own chairs.

Butterfield concert

An organ concert featuring renowned organist George Butterfield playing a variety of contemporary music selections will be open to the public at 4 p.m. at the All Faith Chapel on Sunday. Butterfield has been playing keyboard since the age of 4 and accepted his first organist position at age 15. He studied organ at San Diego State University and the University of Redlands where he graduated "with distinction" in 1978. He has been organist for the Fourth Church of Christ, Scientist of San Diego since 1979 and is the manager of Organ Stop, Inc., in San Diego.



Memorial events for Lt. Ralph E. Foulks Jr. planned November 4



Lt. Ralph E. Foulks Jr.

When Lt. Ralph E. Foulks Jr. was shot down in the Ninth Binh province of North Vietnam while flying a Navy A-4E aircraft on Jan. 5, 1968, the Burroughs High School graduate was declared missing in action.

On May 11, 1972, Kenneth M. Smith, then mayor of Ridgecrest, and RADM. William J. Moran, then commander of the Naval Weapons Center, officially proclaimed Foulks as the Indian Wells Valley's Official Symbol of Concern for all Vietnam POWs and MIAs.

On Nov. 2, 1973, after a significant number of POWs had been returned to the United States and having no indication that Foulks had ever been a POW, Foulks' status was changed to "presumed killed in action."

What was suspected as Foulks' remains were returned to Hawaii in 1988, but forensic officials were unable to make positive identification. With the research breakthrough in DNA identification testing, and by using blood samples from Foulks' mother and half-sister, Foulks' remains were positively identified on Jan. 5, 1993, exactly 25 years to the day he had been shot down.

The remains were flown to the continental United States on Jan. 27, 1993. Formal burial ceremonies took place in Pensacola, Fla., on March 6; ceremonies in which many of Foulks' classmates, friends and neighbors were unable to attend.

To rectify this, and to keep Foulks' memory alive, the Ralph Foulks Memorial Committee has organized a variety

of events for Nov. 4.

At 1 p.m., a memorial service will be held at the Naval Air Weapons Station China Lake All Faith Chapel. Full military honors will be given to Foulks by the United States Navy at China Lake. Former classmates of Foulks will provide the eulogy, special poems, readings and songs.

Of all the sports and activities Foulks participated in, he excelled at tennis, having won several tournaments while a student at Burroughs High School. Therefore, in keeping with dedications made in memory of other Ridgecrest sons who were lost in the Vietnam conflict, such as the Sgt. John Pinney Memorial Pool and Pfc. Earnest F. Davidove Soccer Field, the new community tennis

Please see **FOULKs**, Page 15

FOULKs from Page 14

courts at the Leroy Jackson Kern Desert Regional Park will be named and dedicated in honor of Foulks. While the time might vary, depending upon the length of the memorial service, estimated time for the dedication is 2:30 p.m.

At 6 p.m. that evening, a no host dinner party, reception and reunion will be held at Farris' at the Heritage Restaurant. Cost for the buffet dinner is \$12.50 per person, which includes beverage, tax and tip.

Family members attending these memorial events will include Foulks' mother, Elvah M. Jones, who now lives in Pensacola, Fla.; his older stepsister, Carolyn Jones Davis, who lives in Utah; and his younger half-sister, Cdr. Debbie Campbell, who is serving in the United States Navy.

Foulks was born in Jacksonville, Fla., July 21, 1943. He moved to Ridgecrest with his mother and stepfather, Elvah and Bernard Jones, who both worked for what was then the Naval Ordnance Test Station, in 1956. While attending Burroughs High School, he participated in the American Field Service, class and student governments, basketball, track and field, and tennis. In the summer of 1960, he represented the IWW as a foreign exchange student in Germany. Outside of school activities, he was active in the Civil Air Patrol and the International Order of DeMolay.

Upon graduating high school in 1961, Foulks continued his education at Bakersfield Jr. College, eventually transferring to San Diego State College. During these years, Foulks returned to Ridgecrest to work at China Lake as a summer hire. In 1964, Foulks joined the Navy, following the footsteps of his father, Capt. Ralph E. Foulks Sr., USN Ret. He received training as an A-4E Skyhawk pilot and earned his wings in August 1966.



Photo by Terry Pascarella

50 YEARS OF NAVY RDT&E—The third in the China Lake 50th Anniversary Commemorative Series, produced by Larry Zabel, was delivered recently. This painting, sponsored by CTA, Inc., was presented by James Hitchcock, CTA vice president. Accepting on behalf of the Navy is Cdr. Chip Mills, NAVWS XO, and Burrell Hays, president of the China Lake Museum Foundation. For information on obtaining limited edition, signed and numbered prints in this series, write to the Museum Foundation, P.O. Box 217, Ridgecrest, CA 93556.

DORS is open to non-appropriated fund employees

DORS, the Defense Outplacement Referral System, is an automated system established to provide a way for current DoD civilian employees and their spouses to be referred to other DoD federal agencies and the private sector. As of June 1, non-appropriated-fund employees were eligible to register in DORS.

DORS is a process within the established Priority Placement Program. Registration is completely voluntary. Once registered, your name may appear on lists

issued by the Office of Personnel Management to private firms or Federal agencies who requested a list of employable applicants and which are located in geographic areas you will have selected as possible areas where you would be willing to relocate.

Civilian employees interested in registering in, or who have questions regarding the program, can call Melissa Lytell at 939-3317. Military service members can contact Pat Baczkiewicz at 927-1555.

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27055 Twenty Nine Team Rd.
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APPOINTABLE PERSONS/WEST COAST

*No. P70-002-MZ3, (1) Child Development Training And Curriculum Specialist, GS-1701-07, Naval Air Weapons Station. Morale, Welfare And Recreation Department. Recreation Division, P703—Area of Consideration: Appointable Persons on the West Coast. Opening Date: 10-07-93. Closing Date: 11-04-93. Selecting Official: Dan Savage, (805) 989-8070. HRD Contact: Marcela Zaragoza, (805) 989-3235. Permanent Change of Duty Station Authorization: Yes. Summary of Duties: Develops and implements training for Child Development Center staff which helps render safe and developmentally appropriate care for children. Executes the standardized Child Development training program. Provides orientation training and safety, health and sanitation, fire prevention and evacuation, recognizing, reporting and preventing child abuse, first aid and

cardiopulmonary resuscitation (CPR), nutrition and real service, child growth and development, classroom management, child guidance and discipline techniques, and other related topics. Maintains training records and prepares reports and reaccommodation for the supervisor. Develops the framework for a curriculum to be used by programs staff which promotes the physical, emotional, cognitive, and social growth of children ages 6 weeks to 12 years. The curriculum, which revolves around a planned, yet flexible, daily routine includes a variety of age-appropriate, skill-developing play activities. Supports the parent participation program by arranging and coordinating activities to involve parents such as field trips, parent newsletter, special events, and parent education programs. Develops a working relationship with local colleges and professional organizations and advises staff about continuing avenues of professional development. Serves as a point of contact for information

on the Child Development Association (CPA) National Credentialing program. May be a CDA advisor to caregivers who are obtaining CDA credentials. Quality-Ranking Factor(s): Knowledge of early childhood principles, theories, concepts, and standards as they relate to military child development programs and services. * Readvertised to extend area of consideration.

ALL FOUR SITES/NATIONWIDE

NO. P73-006-MG3, (1) Civil Engineer, DP-810-03, Naval Air Weapons Station, Public Works Department, Engineering Division, Civil Engineer Branch, P7332—Area of Consideration: Current Appointable DOD Employees Nationwide. Opening Date: 10-07-93. Closing Date 11-04-93. Selecting Official: Herb Saddler, (805) 989-8937. HRD Contact: Mary Lou Gutierrez, (805) 989-3230.

POINT MUGU

MORALE WELFARE AND RECREATION DEPARTMENT JOB OPPORTUNITIES

To establish a roster of eligibles to fill positions as they occur, applications (SF-171) will be accepted by the Morale Welfare and Recreation (MWR) Personnel Office, Bldg. 116, on a continuing basis for the positions listed below. Some positions that are filled through specific vacancy announcements will have the announcement numbers listed below. Interested individuals may apply for positions in Recreation, Hospitality, Child Development/Youth Services, Maintenance, and BOQ through the voluntary application file.

Applicants must submit one copy of their SF-171 for each position (with job title identified) for which they wish employment consideration. As vacancies occur, qualified applicants will automatically be considered. Selection will be based on experience, performance evaluations, commendations, and qualifications for the specific positions.

Point of contact for MWR personnel matters is Sandra Morgan, Building 116, 989-8070.

NOTES

- Applicants must meet all physical and legal age requirements where applicable.
- Competition is restricted to U.S. Citizens and Legal Resident Aliens authorized to work in the U.S.
- SF-171s must be updated every 6 months; failure to update will result in removal from the file. Failure to respond to phone messages or written inquiries will result in removal from the file.
- Positions may be full- or part-time, flexible, temporary, day or night shift, or weekends. It is very important to indicate the number of hours you are willing to work in Item 15 of your SF-171.
- Incomplete applications will be returned, delaying consideration for open positions.
- NOTE: Applications are accepted for the positions listed below on a continuing basis unless a vacancy announcement number appears behind the job title.**

Security Guard, NF-0085-10—Hospitality Facilities, open continuously. Flexible schedule, weekends and evenings. Maintains surveillance over facilities to safeguard against unauthorized patronage and theft. Responsible for the identification of patrons and the security of the buildings and grounds. Must be a high school graduate and at least 21 years of age. Must be able to pass a security check. \$6.22 per hour.

Food Service Worker, NA-7408-02, #19-91—The facilities are open continuously. Flexible hours up to 40 hours per week. Incumbent performs a variety of manual tasks in food and beverage preparation and food service for the Child Development Center. Previous food service experience preferred. Must be able to read and comprehend English. Knowledge of sanitation standards in handling and serving food is required. Must be able to qualify for a Food Handler's Permit. \$5.38 per hour.

Cashier, NF-2091-01—Hospitality Division, open continuously, up to 40 hours per week. Responsible for operating a cash register according to standard cash control procedures, responsible for a cash fund, completing a daily activity report, and securing deposits of daily cash receipts. Performs other related duties as assigned. Previous experience as a cashier desired. \$5.69 per hour.

Recreation Aide, NF-0189-01—Various recreational facilities, such as the gym, youth centers, bowling center, beach motel, etc. Open continuously. Most positions are flexible schedule and \$5.69 per hour.

Waiter/Waitress, NA-7420-01—Hospitality Division, open continuously, flexible schedule, which includes days, evenings, and weekend work. Incumbent will be required to work lunches and special events at the Point Restaurant and the Surfside Facility, which offers receptions, parties, meetings, conferences, and other special functions. \$4.92 per hour.

Food Service Worker, NA-7408-01/02—Hospitality Division, open continuously, flexible schedule. Duties may include bussing tables, assisting in kitchen, and/or delivering pizza. \$4.92 and \$5.38 per hour.

Bartender, NA-7405-03—Hospitality Division. Open continuously, flexible schedule. \$5.66 per hour.

Custodial Worker, NA-3566-02, MWR Facilities and Billeting, BOQ, open continuously. Must have 1 year of general work experience and the ability to operate commercial-type cleaning equipment. Flexible schedule, up to 40 hours a week. \$5.38 per hour.

The NAWCWPNS Announcements and Human Resources Department Information are published by the PAO and inserted in China Lake's "Rocketeer" and Point Mugu's "Missile" newspapers 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 C08033, Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796). Personnel at Point Mugu may send items for the Announcements section to P0703, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-8094). Items included in the Human Resources Department Information section are provided by the Operations, Human Resources Development, and Employee/Labor Relations Divisions 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



CHINA LAKE GENERAL ANNOUNCEMENTS

SILICON GRAPHICS HARDWARE
MAINTENANCE CONTRACT

The Silicon Graphics, Incorporated (SGI) consolidated hardware maintenance contract for China Lake and Point Mugu has been awarded to Digital Equipment Corporation. The contract number is N68936-93-D-0098, with an effective date of 1 October.

Users may choose between on-call and per-call types of coverage. Hourly rate for per-call is \$99 for each hour plus parts, with a minimum of 1 hour. Digital has established a trouble desk for NAWCWPNS users of this contract; the toll-free number is (800) 354-9000.

This is not a mandatory contract; however, if you wish to participate in it or have questions, contact Ver Espiritu at 939-3997. (C6331)

LEKTRIEVER WANTED

The Survivability and Lethality Division (C218) would like to acquiring a Lektriever for its Custody Control Point Library. If you have one available and would be willing to let C218 have it, contact Sharon Goad at 927-1273 or Margie Schiller at 939-3681.

ITEA TO HOST INTERNATIONAL
SYMPOSIUM

The Channel Islands Chapter of the International Test and Evaluation Association (ITEA) will host an international symposium entitled "T&E - Two Years After the Soviet Union" at the Hyatt Westlake Plaza in Westlake Village, Calif., from 30 November through 3 December. Presentations and papers will address changes in the T&E and training environment brought on by the demise of the Cold War, current trends in T&E, the tools and technologies required to test the systems of the future, and innovative ways to approach the testing challenges that lie ahead in a declining defense environment. Persons from industry, government, and academia involved in such areas as test policy development, test planning, modeling and simulation, facility networking, quality assurance, and technology development and applications are encouraged

to attend. Registration forms and further information can be obtained by writing International Test and Evaluation Association, 4400 Fair Lakes Court, Fairfax, VA 22033-3899, or by calling (703) 631-6220.

COMPOSITION SERVICES

Composition Services in the Engineering Building has been dissolved. However, the services provided by this group are still available through TID Field Branch 2, located on the second floor of Mich lab, Room 205C. For more information call 939-3253. (C6415)

VAN ALPHEN TO ADVISE
CSUN EE STUDENTS

Professor Deborah Van Alphen of California State University, Northridge (CSUN) will be at China Lake on 29 October to advise current and prospective students in the master's degree program in electrical engineering offered by the school. To make an appointment with Professor Van Alphen call Denise at 939-2648. (C622)

TECHNICAL LIBRARY
QUICKMAIL ADDRESS

The Technical Library has established quickmail addresses. All quickmail messages for the main Technical Library, Bldg. 02496 can be sent to "TECH LIB" found in the CL-64-MC mailcenter. All quickmail messages for the research service center, Mich Lab can be sent to "RSC CODE C6431" also found in the CL-64-MC mailcenter. Quickmail can be used by both our Point Mugu and China Lake patrons to request searches, books, periodicals, technical reports, manuals, and other library services. For additional information call the Technical Library Division at 939-1017 (DSN 437-1017). (C643)

COMMUNITY CPR CLASS

The Safety Office, C8401, will hold an American Red Cross "Community Cardiopulmonary Resuscitation (CPR) class on 3 November. This is an 8-hour course that covers CPR, artificial

RETIREMENTS AND FAREWELLS

FRANK ST. GEORGE

Frank St. George is retiring after 39 years of federal service at China Lake. A farewell dinner will be held in his honor at the Carriage Inn on 28 October. A cocktail hour will begin at 1800. A Polynesian buffet dinner will be served at 1900 and will include cashew chicken, beef and broccoli, and Mahi Mahi with all the trimmings and a beverage. The cost will be \$14.50 per person, including tax and gratuity. For reservations, presentations, or gift donations contact Kathy Curran at 927-3585 or Deanna Weetman at 927-1683 by 21 October.

LES P. ROBISON

Les Robison, Head of the QF-86 Project Office, is leaving China Lake after 27 years of civil service. A farewell party will be held in his honor at Partners on Inyokern Road on 29 October at 1700. Hors d'oeuvres will be served, and a no-host bar will be available. Tickets are \$7 per person, including tax and gratuity. For presentations or reservations call Sena Dare at 939-5096, Judy Gill at 939-5460, or Paulette Williams at 927-8577.

JACK BROWN

Jack Brown is retiring after 31 years of civil service. A luncheon will be held in his honor at the Elks Lodge and catered by China Gardens on 4 January at 11:15. Lunch will include a buffet at a cost of \$9 per person, including tax, tip, and a gift donation. For tickets, presentations, or more information, call Linda Jester at 939-6012 or Lynn Becker at 939-6010 by 16 December.

respiration, and dealing with a choking victim whether it be an adult, child, or infant.

China Lakers wishing to attend this Community CPR class should contact Dena Christison at 939-0729 for phone registration or additional information. Class size is limited, so call early to ensure your space in the class. (C8401)

KERN COUNTY EAST
TELEPHONE DIRECTORIES

A limited quantity of the October 1993 CONTEL Kern County East Telephone directories are available at the China Lake Telecommunications Branch. If you would like a copy, stop by the Telecommunications Branch located at 621 Bowen or call 939-8789 or 939-3451. These books will be distributed on a first-come, first-serve basis.

WE WILL MISS YOU

On your departure day the Technical Library has the responsibility of checking its files to make sure you have returned all the material you have borrowed from us.

To speed up this process and make your departure day as simple as possible, remember that you will be one of many leaving at the same time. Give us a call, or stop by and check with us a couple of days ahead so we can have you cleared by the time you are ready to leave. While you are processing out, if you have any material the library could use, bring it to us; we will be happy to take it.

For more information contact the Technical Library Division at 939-1017. (C643)

RETIRING?

Would you like to help your technical library and NAWCWPNS? You could do so by donating your valuable information resources, such as tech manuals, tech publications, reports, books, periodicals, etc., to the Technical Library. If you question the importance of your materials, give us a call and we will help you decide. For more information contact the Technical Library, C643, 939-1017 or Point Mugu, 989-8156.

POINT MUGU GENERAL ANNOUNCEMENTS

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 989-7708 or 989-8161. Ask for Martha or Bob.

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, who is located in Trailer 10073, or can be reached at 989-1374.

CAR POOL ELIGIBILITY
REQUIREMENTS

To be registered in the NAWCWPNS Trip Reduction Program an individual must be an active-duty military member or

civilian employee of NAWCWPNS Point Mugu or Camarillo Airport worksites using an alternative means of transportation to arrive at the worksite. Alternative means include walking, running, bicycling, car/van pooling, public transportation (including base transit system), and using a clean-fuel vehicle, such as propane, methanol, compressed natural gas, or electricity. A carpool includes passengers 16 years of age and older who are dropped off at school or work, or persons who are registered and dropped off at employer sponsored day care or elder care facilities located within a 1/2 mile radius of the worksite.

SPECIAL COMMUTER
INFORMATION

Only employees registered in the program and who have a serial-numbered yellow Point Mugu carpool sticker are authorized to use the "Carpool Only" parking spaces on station. Registered personnel should use the "Carpool Only" spaces only on days that they are actively car/van pooling. Anyone else using these parking spaces will be ticketed by the Security Department.

POINT MUGU ANNOUNCEMENT

DEMO REFRESHER TRAINING

The Human Resources Department (HRD) will be offering Demo Refresher Training on the basic elements of the Demo Project during the month of October. The dates and times for this training are:

Tuesday, 26 October at 0800

Thursday, 28 October at 1300

All sessions will be held in the auditorium of Building 5-1. The sessions are expected to be about 4 hours long and will be open to anyone who is interested in attending, based on space available. Class size will be limited to no more than 50 participants per session, and attendance will be based on a first-come first-served policy. If you are interested in attending one of the demo refresher training sessions, have your administrative/resources office contact Felicia Nickelberry, Human Resources Development Division (P62) at 989-3980.

POINT MUGU AND CHINA LAKE ANNOUNCEMENT

GRADUATE STUDY AND CONTINUING EDUCATION FOR EXECUTIVE DEVELOPMENT

The Naval Aviation Executive Institute is now accepting applications for the Graduate Study and Continuing Education Program for Executive Development. As the Naval Aviation Systems Team adapts to the changing environment and the current and future budget constraints, the Institute will only be accepting applications for the Executive Fellowship Program (only part-time programs with emphasis on technical fields such as structures, cost estimating/analysis, finance, budget, and others,) and the Industrial College of the Armed Forces will be considered during this application process.

Applications for the Naval Aviation Executive Institute programs are typically GM-13s or equivalent and above. Exceptionally well qualified GS 12s or equivalent will be considered. These applications must be received by 1 November for consideration.

Brochures and nomination procedures are available to interested employees through the Institute. The point of contact is Lynda Cragg at (703) 692-0391 or DSN 222-0391.

MANDATORY STANDARDS OF CONDUCT AND SEXUAL HARASSMENT TRAINING

Mandatory Standards of Conduct and Sexual Harassment joint training sessions are scheduled for all NAWCWPNS civilian and military employees in October and November. Each subject area will take approximately 1-1/2 hours for a total of 3 hours, with a 10- to 15-minute break between sessions. Two sessions each training day will be offered, one in the morning and one in the afternoon.

Point Mugu site training will be held at the Station Theater 26 October through 4 November with makeup sessions scheduled on 16 and 17 November. China Lake site training will be held at the Station Theater on 2, 3, 4, 9, 10, and 16 November with makeup sessions on 8 December. Training at both sites will be scheduled according to the first letter of the employee's last name. An all-hands memo will be issued to specify attendance schedules.

Individual attendance will be verified electronically and names of nonattendees will be provided to Command.

FIRST QUARTER OCPM COURSE OFFERINGS FOR FY94

The following OCPM courses are scheduled in the Western Region for the first quarter. To register, send a completed DD Form 1556 to P622 (Point Mugu) or C622 (China Lake) 1 month before the class start date. There is no cost to Navy employees.

San Diego

| | |
|--------------|---|
| 30 Nov-3 Dec | Civilian Personnel Management Field Institute |
| 2 Dec | EEO for Mid-Level Managers |

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

EMPLOYEE/LABOR RELATIONS DIVISION NEWS

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 80 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 P621 and forms for China Lake may be mailed to C621. For additional information call Maria Martinez at (805) 989-3222 or Cindy Halpin at (619) 939-2018.

CHINA LAKE

Larry Kuster, C842

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

Frank White, C3312

Frank is recovering from pneumonia that resulted from valley fever.

Ernest (Ernie) Bigelow, C2586

Ernie is recovering from surgery for cancer.

Danny Mitchell, C8413

Danny underwent triple bypass surgery.

Vivian Almaguer, P73714

Vivian is recovering from the removal of gallbladder and stones in the bile duct-stones.

Laura Geer, P235

Laura is experiencing complications of early pregnancy.

Evelyn Moser, P739

Evelyn is undergoing treatment for severe heart problems.

Cathy Hannah, C6132

Cathy is recovering from an emergency C-section and is caring for her hospitalized infant who was born prematurely.

Sharon Backman (Rosenthal), C633

Sharon had a hysterectomy and is at home recovering.

Ned Jones, C2535

Ned has had a relapse of his lymphoma and is undergoing chemotherapy.

Leta Donohue, C6314

Leta had surgery and is indebted for leave.

Patricia Pratt, P30, Naval Air Reserve Training

Patricia is undergoing chemotherapy and radiation treatment or perforated colon cancer.

Tonya Newcomb, P0031

Tonya has been hospitalized due to pseudotumor cerebri.

Melody Dates, P004B

Melody is recovering from major surgery.

Karen Linard, C2742

Karen has undergone surgery to reconnect the intestinal tract and is at home recovering.

Lupe Vizcarra, C2197

Lupe had a total knee replacement and will be off work for rehabilitation.

Arthur (Art) Owen, C02421

Art is having surgery for a degenerative spinal disease to restore motor function.

David Leverett, C3223

Dave underwent major back surgery.

POINT MUGU

Stephen Shaner, P3631

Stephen is recovering from two hip surgeries.

Raymond Lawrence, P73721

Raymond has been hospitalized.

Tom Swann, P0393

Tom is receiving treatment due to stress.

Josefina Gerende, P25511

Josefina is undergoing surgery.

Leon Biesiadecki, C3251

Leon had surgery for two herniated disks in his lumbar spine and is at home recovering from complication of surgery.

John Johnson, C2142

John is suffering from complications of liver disease, CMV hepatitis, and Epstein Barr Virus.

Kit Driscoll, C6432

Kit was hospitalized for chronic obstructive pulmonary disease.

Sue Gonzales, P751

Sue's son has acute lympho-blastic leukemia.

Leon Betts, P777

Leon is being treated for a large area of ulceration on his anterior chest wall.

Shawna Clay P7210

Shawna is receiving treatment for a displaced right calcaneus fracture.

WORDPERFECT, INTERMEDIATE (8 hrs.)

17 November; Wednesday, 0800-1630; Bldg 5-1, Room 23. By: Tectra

Prerequisite: WordPerfect, Introduction. This course presents intermediate skills in this word processing program such as merge operations, envelopes, mailing labels, macros, headers and footers, math, sorting text, columns, fonts, and graphics for the IBM compatible.

MYERS-BRIGGS TYPE INDICATOR WORKSHOP (4 hrs.)

17 November; Wednesday, 0800-1200; Bldg 5-1, Lounge. By: Julie Streets

Changing jobs or careers can be a major life transition—one that requires careful thought, planning, and work. The Myers-Briggs Type Indicator is a widely used, accepted, and validated personality assessment instrument that identifies individual strengths or gifts. If you are exploring new career or job options, understanding yourself and others can

significantly improve the focus and the decision-making aspects of a career transition.

BUSINESS MATH (16 hrs.)

30 November-1 December; Tuesday-Wednesday, 0800-1630; Location to be announced. By: PM Associates

This course provides a review of basic mathematical concepts such as addition, subtraction, multiplication, division, percentages, averaging, and finding ranges in order to better equip the employee with necessary skills to function in a business environment.

THE BASIC OF STRESS MANAGEMENT (8 hrs.)

30 November; Tuesday, 0730-1630; Minerals Management Service, 770 Paseo Camarillo, Camarillo. By: Dr. Suzanne Hard, Ph.D.

This Wellness Program class will educate participants about stress and its effects on you, physically and mentally.

Participants will learn techniques that will assist them in managing their stress.

CPR, BASIC PROVIDER (8 hrs.)

1 December; Wednesday, 0730-1600; Bldg. 5-1, Lounge. By: St. John's Regional Medical Center

This Cardiopulmonary Resuscitation (CPR) course covers the anatomy and physiology of the heart and lungs; risk factors; prudent heart living; and signs and symptoms of heart attack. The participants are certified in the following CPR techniques: one- and two-person CPR, infant CPR, and obstructed airway maneuver in the conscious and unconscious adult and infant.

DECISION MAKING PROBLEM SOLVING FOR SUPPORT STAFF (16 hrs.)

1-2 December; Wednesday-Thursday, 0800-1630; Hilton Inn, Gazebo Room, 600 Esplanade Dr., Oxnard. By: Suzanne Hard, Ph.D.

Intended Audience: Administrative

OPERATIONS DIVISION NEWS

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 171's 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 (ORF) 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 COM-NAVAIR. 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.** Any applicant tentatively selected will be required to submit to urinalysis for illegal use of drugs prior to a final selection. The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. 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. **Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position(s).** P.L. 101-510 requires applicants to address Quality-Ranking Factor(s) relating to the DAWIA requirements.

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).

Selectees 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.

MERIT PROMOTIONS

FOUR SITES/STATE OF CALIFORNIA

*No. P73-003-MG3, (2) Heavy Mobile Equipment Mechanic, WG-5803-10, Naval Air Weapons Station, Public Work Department, Transportation Division, P739—Area of Consideration: NAWCWPNS and Appointable Persons in the State of California. Opening Date: 10-07-93. Closing Date: 11-04-93. Selecting Official: Ross Holder, (805) 989-8200, HRD Contact: Mary Lou Gutierrez, (805) 989-3230. **Permanent Change in Duty Station Authorized: No. Summary of Duties:** Incumbent may receive written or oral instructions that describe the defect, or through troubleshooting procedures that the incumbent must know and apply; traces and locates defects or failures in systems and determines the type and extent of repairs, adjustments, or replacements that are to be made to diesel or gasoline engines, automatic or standard transmissions, heavy-duty drive-line systems, and the hydraulic, electric, or pneumatic controls and systems. The incumbent may disassemble diesel or gasoline engines—inspecting, repairing, or replacing parts or systems as required. Performs major overhaul or diesel and gasoline engines, replacing such parts as cylinder heads, cylinder sleeves, pistons, piston pins, connecting rods and bearings, main bearings, cam bearings, cam shafts, timing gears, valves, valve guides, and rocker arms. Adjusts and repairs winches, bulldozer blades, scoops, excavating equipment, and conveyor units. Works on basic engine and auxiliary equipment on fire trucks. Installs diesel or gasoline engines and aligns them with the machinery they are to power. **Screen Out Element(s):** Ability to do the work of the position without more than normal supervision. **Quality-Ranking Factor(s):** Knowledge of mechanical makeup, operation, and working relationship of a variety of heavy-duty systems, assemblies, and parts. * Readvertised to extend the area of consideration. Previous applicants need not reapply.

SYSTEMS ENGINEERING MANAGEMENT (24 hrs.)

7-9 December; Tuesday-Thursday, 0800-1630; Bldg. 5-1 Auditorium and Lounge. By: Charles B. May

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS

This course provides an overview of systems engineering, addressing what is a system, why systems engineering is needed in the development/change of complex systems, what are the basic elements of the systems engineering process as it is implemented within the DOD acquisition structure, what engineering specialty areas interface with systems engineering, and how systems engineering interfaces with the engineering specialties to form an effective interdisciplinary team.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING**TECHNICAL WRITING FOR ENGINEERS (24 hrs.)**

25-28 October; Monday-Thursday, 0800-1630; Surfside Club. By: Communication Skills Co.

Scientific and Technical Report Writing is designed to help scientists, engineers, technicians, and technical writers and editors solve the special problems encountered in scientific and technical writing. The course has four objectives: to identify the 10 characteristics of a good scientific or technical report; to emphasize the importance of precision in expression, to suggest efficient and practical methods through which sentences and paragraphs can be organized into a successful scientific paper or report; and to help students deal with the particular requirements of abstracts, summaries, introductions, and conclusions.

The governing principle in this course is the principle of immediate application. Discussions in technique are followed immediately by sessions in which class members participate, and apply the lessons of the day to practice exercises and problems.

EXCEL, INTRODUCTION (8 hrs.)

25-26 October; Monday-Tuesday, 0800-1630; Bldg 5-1, Room 30. By: Saracen Interactive

Prerequisite: Prior Macintosh experience.

This course introduces students on basic spreadsheet construction, building formulas, entering and editing data, creating charts, printing, and saving data.

PROPERTY MANAGEMENT (2 hrs.)

1 November; Monday, 0830-1030; Bldg. 6-2, Room 59. By Jack Keadle.

This is mandatory training for equipment management personnel at all levels including custodians and their supervisors.

DBASE III+, INTRODUCTION (16 hrs.)

1-2 November; Monday-Tuesday, 0800-1630; Bldg 5-1, Room 23. By: The Memory Co.

Prerequisite: Prior PC experience.

This course introduces database concepts and fundamental skills to create database files, use common dBASE commands, and edit and modify files using the IBM compatible.

UNDERSTANDING AND DEALING WITH DIABETES (3 hrs.)

2 November; Tuesday, 1300-1600; CAMAIR Bldg 248. By: St. John's Regional Medical Center

This Wellness Program class will provide information on what diabetes is and how to control it with appropriate food choices, meal patterns, and exercise.

BASIC WRITING SKILLS (16 hrs.)

2-3 November; Tuesday-Wednesday, 0800-1630. Location to be announced. By: Management Skills

This workshop provides the student with the information, skill, and supervised practice in the preparation of job-related letters, memos, and simple reports. Emphasizing clarity in the use of the English language, the workshop's objective is to help writers (1) establish a clear purpose, (2) choose a format and tone for that purpose, (3) express exactly what they mean, and (4) evaluate their writing through the eyes of the target reader. Students are given ample classroom time for practice and critique.

UNDERSTANDING AND DEALING WITH DIABETES (3 hrs.)

3 November; Wednesday, 1400-1700; Bldg 5-1, Lounge. By: St. John's Regional Medical Center

This Wellness Program class will provide information on what diabetes is and how to control it with appropriate food choices, meal patterns, and exercise.

MS-DOS, BEGINNING (8 hrs.)

3 November; Wednesday, 0800-1630; Bldg 5-1, Room 23. By: C.C.C.S.

Intended Audience: Beginning users of IBM-PC or Zenith-Compatible Microcomputers.

This course is designed to provide the novice computer user with a basic understanding of how DOS manages hardware and software components, controls system operation, and directs input and output to and from peripheral devices. It includes a survey of file-storage techniques, operations commands, command structure, and utilities. Participants will learn how to use MS-DOS internal and external commands such as format, copy, disk copy, dir, and chkdsk.

Presentation Method: Hands-On Workshop

MACINTOSH, INTRODUCTION (8 hrs.)

3 November; Wednesday, 0800-1630; Bldg 5-1, Room 30

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the Keyboard and the Mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information; use some typical applications packages such as a word processor and/or a graphic program. (Applications to be surveyed may include MacWrite or WORD, MacPaint, MacDraw, or MacDraft. This class will not be able to cover these applications in any detail. The student is referred to other classes offered for specific applications.) Presentation Method: Hands-On Workshop

CAREER TRANSITION WORKSHOP (16 hrs.)

3-4 November; Wednesday-Thursday, 0800-1630; Ramada Inn, Ventura. By: Julie Streets

The Career Transition Workshop introduces the participant to job change strategies used by successful people. Using a career decision model, the participants will identify their values, skills, interests, and accomplishments. They will also analyze their current jobs and career aspirations. Using this information, the participants will develop a career action plan for the future. Participants will also study the latest job search strategies and techniques and become more skilled at networking, resume/SF171 preparation, marketing, and interviewing.

PRE-RETIREMENT SEMINAR (16 hrs.)

3-4 November; Wednesday-Thursday, 0800-1630, Bldg 5-1, Auditorium. By: Retirement Planning Services

For some, uncertainty about the future creates anxiety and stress. This course equips pre-retirees with information, materials, and methods to cope with these changes and to begin planning for their retirement. Participants will have the opportunity to hear experts in the areas of retirement benefits, financial planning, estate planning and health. Upon completion of this course, participants should be able to understand their federal retirement benefits and make plans concerning their retirement finances, activities, and lifestyle.

READING AND COMPREHENSION SKILLS (16 hrs.)

8-9 November; Monday-Tuesday, 0800-1630. Location and instructor to be announced.

This course will provide conceptual insights and understanding for, as well as practical direction and practice toward, the type of thinking required in order for participants to experience definite (measurable) progress in the improvement of their reading, understanding, and comprehension skills.

DBASE IV, INTRODUCTION (16 hrs.)

8-9 November; Monday-Tuesday, 0800-1630; Bldg 5-1, Room 23. By: The Memory Co.

Prerequisite: Prior PC experience.

This course introduces basic operations of the dBASE IV database program. Participants learn fundamental skills and concepts to create files, use common commands, and edit and modify files.

FILEMAKER PRO (16 hrs.)

8-9 November; Monday-Tuesday, 0800-1630; Bldg 5-1, Room 30. By: Saracen Interactive

Prerequisite: Basic Macintosh skills.

In this class you will learn an introduction to databases, how to create your own database, working with information (adding, editing, omitting, etc.), layout formatting (field borders, viewing, drawing tools, moving, resizing, reshaping and aligning objects, etc.), autodata, field values, auto text, tab orders, buttons and scripts, and networking and passwords.

Presentation Method: Hands-On Workshop

CREATIVE THINKING AND PROBLEM SOLVING (16 hrs.)

9-10 November; Tuesday-Wednesday, 0800-1630; Surfside Club, Cloud 9 Room. By: Teri Mahoney

The objective of this 2-day workshop is to provide a balance of theory and practice that develops mastery in right-brain thinking with left-brain analysis. Participants will learn current theories of how the brain thinks. They will experience their unique thinking style, learn and practice several creative problem solving techniques designed to stimulate thinking processes, and develop usable skills in everyday working and living.

WORDPERFECT FOR THE MAC (8 hrs.)

10 November; Wednesday, 0800-1630; Bldg 5-1, Room 30. By: Computer Focus

This course is designed for Macintosh users who want to use Wordperfect to create, revise, and print word processing documents.

INTRODUCTION TO PROJECT MANAGEMENT (24 hrs.)

15-17 November; Monday-Wednesday, 0800-1630; Location and instructor to be announced

This course presents an overview of project management throughout the life cycle of a project. It concentrates on techniques and issues pertinent to aiding the federal employee in completing projects within time and resource constraints. The seminar covers project management from the planning stage through the appraisal phase.

MS WINDOWS, INTRODUCTION (16 hrs.)

15-16 November; Monday-Tuesday, 0800-1630; Bldg 5-1, Room 23. By: Comskil

Prerequisite: Prior PC experience.

This course introduces the user to basic functions and features of this graphical user interface package. Students learn to use the Program Manager to manage the running applications, use the File Manager to manage files, disks, and drives, and exchange information between applications.

POWERPOINT, INTRODUCTION (8 hrs.)

15 November; Monday, 0800-1630; Bldg 5-1, Room 30. By: Saracen Interactive

Prerequisite: General knowledge of Macintosh concepts and usage.

In this class you will obtain the skills necessary to produce the kind of presentations you have always wanted. Topics include creating, editing, and printing presentation slides and charts.

Presentation Method: Hands-On Workshop

WORD INTRODUCTION (8 hrs.)

16-17 November; Tuesday-Wednesday, 0800-1630; Bldg 5-1, Room 30. By: PCT

Prerequisite: Macintosh Introduction.

The objective of this course is for the participant to become familiar with this powerful, full-featured word processing program. Participants will learn to create, edit, and format a letter, memo, and proposal; insert and edit graphics; search and replace words; create headers, footers, and footnotes; check spelling and page breaks; create form letters using Word's Table feature.

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY94 SEMINARS

NAEI courses are designed for GM-13/Lieutenant Commanders and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and therefore have priority for available billets. Program costs are funded by NAEI. Travel and per diem expenses of nominees are funded by their individual 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 at Point Mugu (P622), 989-3996 (DSN 351-3996) or from Lori Ryser at China Lake (C622), X2686 (DSN 437-2686). Please note that a DD-1556 is NOT required. Nominations must be submitted to Code P622 prior to the NAWCWPNs deadline dates below.

| COURSE TITLE | COURSE DATES | DEADLINE DATE TO P622 |
|--|------------------|-----------------------|
| Executive Health and Stress Management | | |
| Location: Washington DC area | 18-22 Apr 94 | 24 Jan 94 |
| Location: West Coast area | 6-10 Jun 94 | 14 Mar 94 |
| Capitol Hill Workshop | | |
| Location: Washington DC area | 14-17 Mar 94 | 13 Dec 93 |
| | 13-16 Jun 94 | 28 Mar 94 |
| Managing Individual & Organizational Change (NEW) | | |
| Location: Washington DC area | 14-17 Feb 94 | 22 Nov 93 |
| Contemporary Management Issues and Practices | | |
| Location: Washington DC area | 31 Jan-11 Feb 94 | 2 Nov 93 |
| | 15-26 Aug 94 | 1 Jun 94 |
| The Washington Arena | | |
| Location: Washington DC area | 31 Jan-4 Feb 94 | 4 Nov 93 |
| | 6-10 Jun 94 | 14 Mar 94 |
| | 19-23 Sep 94 | 30 Jun 94 |
| Politics of National Security | | |
| Location: Washington DC area | 14-18 Feb 94 | 29 Nov 93 |
| | 7-12 Aug 94 | 1 Jun 94 |
| Military Challenges & Current Issues (NEW) | | |
| Location: Washington DC area | 12-14 Apr 94 | 24 Jan 94 |
| Executive Leadership and Career Development Workshop | | |
| Location: Washington DC area | 25-30 Sep 94 | 11 Jul 94 |

HUMAN RESOURCES DEVELOPMENT DIVISION NEWS**ON-BOARD TRAINING COURSE SCHEDULE**

Nominations for courses should be submitted to the Human Resources Development Division at the site where the course is being held. To obtain a copy of the nomination form (On-Board Training Request NAWCWPNs 12410/2) contact your Administration Office or obtain one from Servmart/Telmar. For further assistance, at Point Mugu contact Mary Glasmann, P622, at (805) 989-3982, and at China Lake, contact Dorothy Wiederhold, C622 at (619) 939-2359. Nomination forms should be submitted as early as possible to preclude courses being cancelled due to 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****GROUNDING, BONDING, AND SHIELDING (16 hrs.)**

25-26 October; Monday-Tuesday, 0800-1600; Training Center. By: R&B Enterprises

This course will provide knowledge on the principles of grounding for safety, signal referencing, and EMI suppression and protection. Students will learn how shielding methods work and how to analyze the proper solutions of grounding to control interference.

Design of structures, systems, and various equipment; review of parts and materials necessary to achieve adequate grounding systems and shields; proper designs for enclosures, and cable shielding applicable to commercial as well as military systems and/or equipment will be discussed. To enroll call Dorothy at 939-2359.

UNDERSTANDING AND APPLYING MIL-STD-461D (4 hrs.)

27 October; Wednesday, 0730-1130; Training Center. By: R&B Enterprises.

This seminar provides a summary of Navy instructions and the application of MIL-HDBK-235 and MIL-HDBK-237. It includes pertinent definitions to facilitate the understanding of EMC technology and

specific definitions pertaining to MIL-STD-461D. This seminar also provides an in-depth discussion of MIL-STD-461D. To enroll call Dorothy at 939-2359.

TEST MANAGEMENT (16 hrs.)

16-17 November; Tuesday-Wednesday, 0800-1600; Training Center. By: Ron Cohn, C2876

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

In this course you will develop an understanding of (1) the role T&E plays in each phase of the acquisition program, (2) test management, (3) T&E as a distinct engineering discipline, and (4) the interactions between T&E and other engineering disciplines.

This course is part of the TMC and SEC Programs and concentrates on the role T&E plays in the Navy system acquisition process, especially in RDT&E. Topics include a proven T&E planning, controlling, and reporting methodology suitable for use by a NAWC technical manager; T&E work breakdown; interaction between the acquisition program and the testing activities; products delivered by a test program; organizational structuring and interaction of the technical team; common problems encountered in a test program; and marketing a test program.

Deadline: 2 November

INTRODUCTION TO SOFTWARE MANAGEMENT (8 hrs.)

18 November; Thursday, 0800-1600; Training Center. By: Dennis Farrell, C28C

REQUIRED FOR ENROLLEES IN THE TMC PROGRAM.

Topics include development process; past, present, and possible future technology and its effects; organizations involved; official guidance; instructions, standards, and specifications; documentation acquisition; detailed consideration; and management approaches and problems.

Deadline: 4 November

RELIABILITY/MAINTAINABILITY (8 hrs.)

29 November; Monday, 0800-1600; Training Center. By: Jack Thomas, C25862

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

This course is designed to acquaint managers with the elements of reliability and maintainability (R&M). 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: 12 November

SECURITY CLASSES**SECURITY FOR SUPERVISORS (6 hrs.)**

16 November; Tuesday, 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 939-0985.

SECURITY FOR CLERICAL AND ADMINISTRATIVE WORKFORCE (7 hrs.)

17 November; Wednesday, 0730-1630; Training Center. By: Linda Hall/Cathey Mattox

This course provides information and exercises on marking and safeguarding classified material; obtaining courier cards and letters; transmitting technical documents; and arranging for visitor's badges.

To enroll call Security at 939-2612 or 939-0985.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

CAREER TRANSITION AND PLACEMENT CENTER (CTPC)

The primary purpose of the CTPC is to help employees take responsibility for their own careers by providing them with information and support. Services include vacancy information, computers and software to prepare SF-171s and resumes, career counseling, skills assessment and diagnostic assistance, information on career paths and education opportunities, retirement information and counseling, job clubs, networking, and support. The Center is located in the trailer behind the Training Center and is open for Civil Service employees from 1300-1600 each workday.

CAREER COUNSELING

One-on-one career counseling is available. Each non-payday Friday a Cerro Coso counselor is available at the Career Transition and Outplacement Center, located in the white trailer behind the Training Center. The counselor will be able to help with career decision making, resume writing, and education counseling. The following programs, inventories, and assessments are also available: Eureka, Discover, Strong-Campbell Interest Inventor, Temperament/Values Inventory, Career Assessment Inventory, Meyer/Briggs Inventory, and a Learning Skills Assessment program which help an individual to discover learning difficulties and focus on strengths to overcome those difficulties. To schedule an appointment, call 939-8126.

RETIREMENT COUNSELING

Retirement counseling is available by appointment at the Career Transition and Outplacement Center on Thursday mornings. Call John Powers at 939-2574 to schedule an appointment.

ENGLISH AS A SECOND LANGUAGE (2 hrs.)

Monday-Thursday, 0900-1500; Training Center Trailer. By: Carol Hutto

This is one-to-one instruction of 2 hours per week by appointment. This course is a program in English as a Second Language for the person who wishes or needs to improve his/her oral or written English skills to facilitate better communications in the workplace. Each student identifies personal objectives, and an individual plan of instruction is written to meet their specific goals. Choices may include pronunciation, conservation, writing, vocabulary, idioms, American culture and humor, or anything that helps meet communications goals. For information call Pat at 939-3159.

BASIC SUPERVISION (40 hrs.)

25-29 October; Monday-Friday, 0800-1600; Training Center. By: Donna Eller-Jones

Intended Audience: Supervisory personnel only.

This course is required for first-level supervisors needing training in basic supervisory ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, will provide fundamental grounding in practical modern concepts of supervision. Topics to be covered are introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts,

delegation, NAWC/NAWS personnel management, and a workshop summary.

To enroll or ask questions call 939-2686.

LIFESTYLE CONTROL OF CHOLESTEROL (8 hrs.)

29 October; Friday, 0800-1600; Training Center. By: Dr. Wes Youngberg, Consultant

This seminar helps the participant understand cholesterol's role in the body, and will provide information that will help one keep their cholesterol at a desirable level. The seminar addresses past, present, and ongoing research, especially regarding the issue of reversibility of heart disease once it is established. Multiple handouts will provide a summary of seminar information.

To enroll in this course, call the Wellness Program Office at 939-2468.

MS WINDOWS, INTRODUCTION (16 hrs.)

1-2 November; Monday-Tuesday, 0800-1600; Training Center. By: Comskil

Participants in this course will learn the Windows desktop; working with Windows; working with icons, menus, and dialog boxes; on-line help; Windows and DOS; using Program Manager; switching Windows; using the File Manager; using built-in applications; and customizing Windows.

Enrollments are on a call-in basis only. To enroll call 939-0870.

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

2, 3, 9, 10 November; Tuesdays-Wednesdays, 0800-1600; Training Center. By: Center Staff

Intended Audience: New supervisors during the first-year probation period.

This mandatory 4-day course provides new supervisors with basic information about important NAWC/NAWS administrative policies and procedures.

Topics covered include a summary of general guidelines (organizational structure of DOD and subordinate commands, safety, security, privacy act, ethics, workers compensation, plant account, Drug Free Workplace Program, and EEO including Prevention of Sexual Harassment); affirmative employment (merit promotion, reassignment, special interest programs, interviewing and selecting new employees, reading a 171, and obtaining performance information from previous supervisors); employee development, employee awards (and other aspects about the DEMO system); discipline (problem behavior, poor performance); and other topics of interest to supervisors.

Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory training requirements for the probationary year for safety, security, ethics, and prevention of sexual harassment.

To enroll or ask questions call 939-2686.

MACINTOSH, SYSTEM 7 (8 hrs.)

4 November; Thursday, 0800-1600; Training Center. By: Kenneth LaBaw, Consultant

Prerequisite: 6 months or more experience with Macintosh System 6.

New features of System 7 will be explained, demonstrated, and related to the student's System 6 experience. The new desktop appearance coverage includes objects (icons), windows, hierarchical outlines, the new objects (aliases, stationary), and new features of the trash

can. System commands and dialog boxes are explored and learned through hands-on exercises. Topical areas include the System Folder, Menu bar, multiple running applications, file sharing, publish and subscribe, memory, net courtesy, and security. As a bonus, QuickTime movies and custom icon creation will be demonstrated.

Presentation Method: Hands-On Workshop

Enrollments are on a call-in basis only. To enroll call 939-0870.

TECHNIQUES OF MEMORY IMPROVEMENT (8 hrs.)

8 November; Monday, 0800-1600; Training Center. By: Bert Barer

The workshop examines how we recall information through our senses and short-term and long-term memories. Emphasis is on how effective memory influences job productivity on all levels. Lecture, class discussion and exercises examine the major factors in memory improvement: desire to remember, relaxation, mnemonic principles to remember faces, names, peg and link techniques to recall the numerical order of items, technique of recalling phone numbers, and technique of remembering what you read.

To enroll call 939-3159.

LIFE AFTER RETIREMENT: THE NEXT 30 YEARS (16 hrs.)

8-9 November; Monday-Tuesday, 0800-1600; Training Center. By: Miriam Cartwright & Charla Green

This workshop will assist people who want to ensure that their years after retirement are vital and rewarding. Studies have shown that unhappiness in retirement is most often the result of non-financial problems and issues. The purpose of the course is for participants to get clarity on these problems and issues, and develop appropriate outlooks and strategies for handling them so that their retirement will be a continuing source of joy and satisfaction.

To enroll in this workshop, call Pat at 939-3159.

CARPAL TUNNEL SYNDROME (1 hr.)

9 November; Tuesday, 1300-1400; Training Center. By: Cindy Gruhot, Consultant

This presentation will cover the use of computers in relationship to carpal tunnel syndrome (CTS). The main areas of discussion will be

- Anatomy of the hand
- Etiology and symptoms of CTS
- Relation of CTS to computer use
- Treatment of CTS once it is diagnosed
- Prevention awareness

This class falls in the category of safety awareness.

To enroll call 939-2468.

UNDERSTANDING YOUR CUSTOMER/SUPPLIER (8 hrs.)

15 November; Monday, 0800-1600; Training Center. By: Luisa Deal

Intended Audience: Those who have internal or external suppliers and customers.

This 1-day workshop is designed to increase your skills at (1) understanding the significance of the roles of your internal and external suppliers and customers, (2) establishing step-by-step processes which encourage feedback to and from these players, and (3) improving the working relationship with them.

Note: Enrollments are on a call-in basis only. To enroll or ask questions call 939-2686.

INTRODUCTION TO 4TH DIMENSION (16 hrs.)

15-16 November; Monday-Tuesday, 0800-1600; Training Center. By: Doug Blew, C3321

Prerequisite: Know the Macintosh, complete Quick Start tutorial.

Intended Audience: 4D users new to 4th Dimension.

In this course you will learn basic database concepts and a hands-on introduction to the design and user environments. Students will learn how to build databases and to work effectively with the user environment. The course also introduces simple programming techniques through the use of scripts.

Objectives: To understand basic relational database design, create files and fields, build layouts to create a custom interface, build reports with the report generator, write scripts for customized functionality, and implement the 4D password system.

Deadline: 1 November.

Enrollments are on a call-in basis only. To enroll call 939-0870.

C PROGRAMMING (40 hrs.)

15-18 November; Monday-Thursday, 0800-1600; Training Center. By: John Francis, C2872

Prerequisite: A good understanding of another high-level language such as Pascal or Fortran.

Scope: This course provides an introduction to programming in the language of C. C language declarations, control statements, procedures, functions, pointers, and Input/Output will be discussed in depth. There will be an introduction to software engineering and design as part of the course. The class is structured around a hands-on programming environment on the IBM computer. This includes debugging techniques and reverse engineering and changing a current program to perform additional software tasks. By the end of the course the student should be able to take a software algorithm and implement in C.

Presentation Method: Hands-On/Lecture

Deadline: 1 November.

RESUMES (4 hrs.)

16 November; Tuesday, 0730-1130; Training Center. By: Bob Seles

Students will learn to assess personal skills, write an effective resume, and format a cover letter for submission to a non-government employer.

To enroll call Pat at 939-3159.

CONTRACTING OFFICER'S TECHNICAL REPRESENTATION (COTR) (20 hours)

16-17 November; Tuesday-Wednesday, 0800-1600; 18 November; Thurs, 0800-1130; Training Center. By: NRCC

The purpose of this course is to enhance the administration of service contracts. The course is for people who furnish technical input to contractors, evaluate contractor performance, and perform inspection and acceptance of services provided under contract. The training is designed to ensure that COTRs understand their responsibilities in administering service contracts.

Note: When calling to enroll, be prepared to give the contract number you are working on or will be working on.

To enroll or ask questions call 939-2686.

4TH DIMENSION, PROGRAMMING (16 hrs.)

17-18 November; Wednesday-Thursday, 0800-1600. Training Center; By: Doug Blew, C3321

Prerequisite: Must have completed 4th Dimension, Intro course, have developed two or more 4th Dimension databases, and have begun writing scripts and/or procedures.

This course will cover the execution cycle, printing, dialogs and windows, data exchange, record selection, functions, pointers, arrays, passwords, menu management, and multi-user considerations. The instructor will explain 4th Dimension concepts and provide tips and techniques.

Presentation Method: Hands-On Workshop

Deadline: 3 November.

Enrollments are on a call-in basis only. To enroll call 939-0870.

EQUIPMENT CUSTODIAN (3 hrs.)

18 November; Thursday, 1300-1630; Training Center. By: Debra Schlick, C05E1

This course is designed to familiarize Equipment Custodians with Accountability For Plant and Minor Property. It will also provide assistance and guidance in the use of Equipment Management forms. It will help Equipment Custodians understand their duties and responsibilities regarding equipment and accountable assets.

To enroll in or ask questions about Point Mugu courses call P622, (805) 989-3982, (DSN) 351-3982.

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

C PROGRAMMING LANGUAGE: INTRODUCTION (40 hrs.)

25-29 October; Monday-Friday, 0800-1630; Bldg 5-1, Room 23. By: John Francis, C2872

Prerequisite: Must have working knowledge and basic understanding of any programming language.

This course is an introduction to C language. Topics include: ANSI C syntax; program flow-control; set of ANSI C standard Libraries; pointers and data structures; source code level debugging; I/O file management; C-preprocessor commands; C-macro definitions, and C software engineering and design. There will be class projects and assignments. The lab projects are designed to reinforce the lecture materials.

NAVY SYSTEMS ACQUISITION (32 hrs.)

1-4 November; Monday-Thursday, 0800-1630; Bldg. 6-2, Room 61. By: Acquisition Management Institute

REQUIRED FOR ENROLLEES IN THE TMC AND TMDP PROGRAMS.

This class provides the participants with a comprehensive understanding of how the 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,

Management responsibilities from equipment acquisitions through useful life and ending with proper disposition will be covered in this course. Also, a way of accessing CERMS through ACC2 network will be explained, and a guide will be handed out.

Enrollments are on a call-in basis. To enroll call Pat at 939-3159.

STRESS AND YOUR BODY (4 hrs.)

18 November; Thursday, 0800-1130; Training Center. By: Dr. Wes Youngberg, Consultant

This seminar deals with the impact stress has on our various body systems and its consequences on acute and chronic disease. Emphasis will be placed on the latest scientific studies showing the effects of various types of stress on the immune, cardiovascular, gastrointestinal, and other systems. Techniques for short- and long-term stress management will be taught. The role of diet, exercise, and chemical dependency on stress will be discussed.

To enroll call 939-2468.

POWERPOINT ON THE MACINTOSH (8 hrs.)

22 November; Monday, 0800-1600; Training Center. By: Paul Colter, C6264

Prerequisite: General knowledge of Macintosh concepts and usage.

In this class you will obtain the skills necessary to produce the kind of presenta-

tions you have always wanted. Topics include creating, editing, and printing presentation slides and charts.

Presentation Method: Hands-On Workshop

Deadline: 8 November.

Enrollments are on a call-in basis only. To enroll call 939-0870.

FILEMAKER PRO (16 hrs.)

29 November-2 December; Monday-Thursday, 0730-1600; Training Center; By: Daryl Vaughn, C622

Prerequisite: Basic Macintosh skills.

In this class participants will learn an introduction to databases; creating your own database; working with information (adding, editing, omitting, etc.); layout formatting (field borders, viewing, drawing tools, moving, resizing, reshaping and aligning objects, etc.); autodata; field values; auto text; tab orders; buttons and scripts; and networking and passwords.

Presentation Method: Hands-On Workshop

Deadline: 15 November.

Enrollments are on a call-in basis only. To enroll call 939-0870.

INTERPERSONAL COMMUNICATIONS SKILLS (16 hrs.)

29-30 November; Monday-Tuesday, 0800-1600; Training Center. By Maurice Brown

Intended Audience: Everyone, but

especially supervisors and people working in teams.

In an organization that fosters TQL principles, effective interpersonal communication skills are probably the most important factor for organizational success. Participants of this 2-day workshop will learn how to identify not only their own communication style, but also their personal behaviors that interfere with (or enhance) communication effectiveness. Participants will learn how to work better both with teams and with people from other backgrounds or experiences.

To enroll or ask questions call 939-2686.

TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

1 December; Wednesday, 0800-1600; Training Center. By Maurice Brown

Intended audience: All employees.

Attention will be focused on what TQL is and why it is so important. The general theme of this 1-day workshop is "How to get started and how to make it happen at your level." Participants will learn how to address the right problem and how to understand the difference between symptoms and causes. Time will be devoted to understanding group dynamics and the importance of facilitation.

To enroll or ask questions call 939-2686.

POINT MUGU COURSES

POINT MUGU AND CHINA LAKE

DAWIA CLASSES

In addition to the courses listed in the 6-month schedule in this insert, several DAWIA courses are also being offered. Registrations for these mandatory classes, required training under the Defense Acquisition Workforce Improvement Act, are collected on a quarterly basis in conjunction with the quarterly DAWIA nomination calls. Employees who have not already submitted a registration form and are interested in taking these classes may apply by submitting a DON Acquisition Training Registration Sheet (DACM 1 (6-93)) to C622 for China Lake classes and P622 for Point Mugu classes. Employees will be considered based on their DAWIA priority and on a space-available basis. Descriptions for the classes listed below may be found in the Defense Acquisition University Catalogue, located in department offices.

TST 201, TEST & EVALUATION MANAGEMENT

1-4 November, 0700-1700; Point Mugu

TST 201, TEST 7 EVALUATION MANAGEMENT

6-10 December, 0800-1600; Point Mugu

CON 211, INTERMEDIATE PRE-AWARD CONTRACTING

1-18 November, 0800-1600; Point Mugu

CON 211, INTERMEDIATE PRE-AWARD CONTRACTING

30 Nov-16 Dec, 0800-1600; China Lake

LOG 202, LOGISTICS SUPPORT ANALYSIS

24 Jan-4 Feb, 0800-1600; China Lake

INTERNETWORKING: BRIDGES, ROUTERS, GATEWAYS (24 hrs.)

29 November-2 December; Monday-Thursday, 0800-1630; 422 Arneill Rd., Suite C, Camarillo. By: COMPUTERFOCUS, Jeff Wales, Ph.D.

Prerequisite: General knowledge of computer systems.

This course provides a comprehensive guideline to the design, implementation and

management of internetworking. Bridges, routers, and gateways are covered in detail. Topics include introduction and overview; transmission media; bridges, routers, gateways; network management; and developing an internetworking strategy.

Presentation Method: Lecture and Hands-On Exercises.