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Sept. 5, 1991

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WEATHER

	Max	Min	Gusts
Weds.	95	51	7
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Fri.	105	59	6
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Mon.	106	68	16
Tues.	106	70	14

All-Volunteer Band seeks musicians

Volunteer musicians are urgently needed for the China Lake All-Volunteer Band. Stan Ricker, director, said any wind, brass or percussion musicians are welcome as members of the band.

The All-Volunteer Band will perform at the retirement ceremony for the Naval Weapons Center's Chief Staff Officer, Capt. K.E. Allen on Sept. 20 as their first live performance of the year. The next week, they'll be back on stage again, this time playing during the change of command ceremony for Air Test and Evaluation Squadron Five (VX-5). Capt. Ray Kellett will be relieved by Capt. Garth Van Sickle on Sept. 26 at 2 p.m.

Rehearsals start 7 p.m., Sept. 10 in the Station Theatre. Anyone interested in lending a hand can call Ricker at NWC ext. 3508.

Recycled wood goes on sale here

Wood-burning stove and fireplace season is closer than it seems. The Naval Weapons Center's Recycling Program Office, Code 008D, is ready to help China Lakers get ready for winter with a sale of recycled wood usable as fire wood. The sale is set for Sept. 6-7 from 8 a.m. to noon at the recycling facility off Iwo Jima Road.

"Tree" Crabtree says buyers can select wood of their choice. It is sold for just \$2.50 per load. Bring a pickup truck or trailer and haul it away. There is a lot of wood -- come early and come often.

Buyers must furnish their own tools and will need a red flag to hang from the end of the load if they pick up any long pieces.

The sale is administered by the IWV ARC.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 34, September 5, 1991

On-the-job excellence rewarded

Ann Penn retires from federal service with 30 years time and the Navy Meritorious Civilian Service Award

Thirty years of excellence on-the-job brought special recognition to Ann Penn as she retired from federal service last week. Her reputation for excellence, technical expertise and a no-nonsense management style helped earn her the Navy Meritorious Civilian Service Award.

This highest award the Naval Weapons Center Commander, Capt. Douglas W. Cook can authorize, was presented at a farewell lunch for Penn last week. Ed Kutchna, former head of the Aircraft Weapons Integration Department (Code 31), represented Capt. Cook at the final event in Penn's lengthy career.

Person after person in the audience arose to present a special memento of Ann Penn's 10 years at China Lake and to heap

praise on a woman they all agreed was a hard-working, highly skilled NWC professional.

Arriving at NWC 10 years ago after stints with the Air Force at Nellis AFB, Nev. and the Hawthorne Naval Depot, also in Nevada, she went to work as head of the Weapons System Software Office in Code 31. From there she moved to manage the department's Contract Support Office.

In her contract management role, she headed a team of 33 technical evaluators for the competition of the Center's Omnibus Computer Support Services Contract. In his letter of nomination, Kutchna said, "Her expert knowledge of the technical requirements, tireless personal effort and demonstrated team

leadership qualities were fundamental to the successful review,



Ann Penn
evaluation and summarization of thousands of pages of proposals."

Penn's efforts in the past 10 years helped redefine the contracting officer's technical representative (COTR) function. In fact, Kutchna noted her management of the COTR's function for contracts with Computer Sciences Corp. Boeing Computer Support Services and Computing Technology Associates yielded unprecedented performance through improved statements of work and active contractor monitoring.

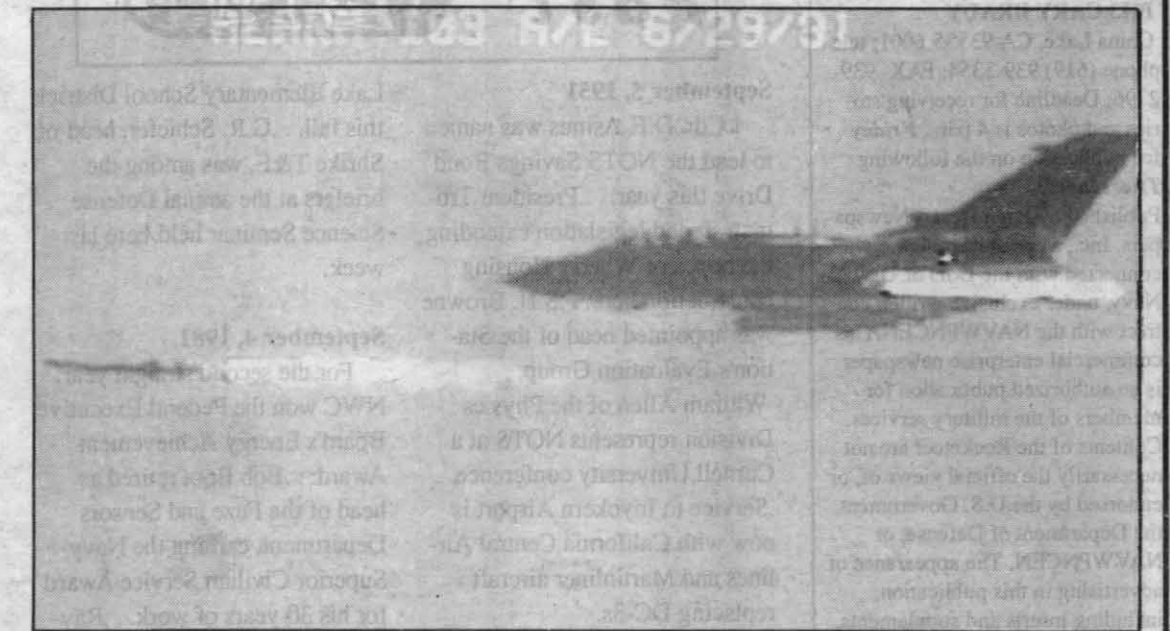
While her career has taken her to many places, Penn says China Lake was by far the best of the lot. "Great jobs and super people," were her fondest memories of 10 years in the desert. She added, "I'll remember you and this place for a long time." Penn is retiring to the Squim, Wash. area.

RAF unit takes more than memories home

by Peggy Shoaf
Rocketeer Staff Writer

William Shakespeare best describes the feelings of the United Kingdom Alarm Trials team as they prepare to head home to Great Britain after almost two years at the Naval Weapons Center with his immortal words from *Romeo & Juliet*, "Parting is such sweet sorrow. . . ." The one good point about leaving is we can finally rest up from all the sightseeing we have been doing for the past two years, noted Wing Commander Mike Russell, head of the Royal Air Force unit.

In 1987, Wing Commander Russell and a small contingent came onboard the Naval Weapons Center to arrange space and facilities to test the Air (Continued on Page 12)



ALARM TEST--Somewhere above the NWC ranges, an RAF Tornado of No. 32 Joint Trials Unit launches an ALARM as part of the test program here.

Cook turned cop wins SOQ honor

by Barry McDonald
Rocketeer Staff Writer

How does a member of the Professional Chefs Association, rated as a *sous chef* or number two chef in a three-chef kitchen, become a military working dog handler? He joins the Navy because there's "more to life than just getting a degree in food services and working as a cook in a country club."

How does this same sailor become senior sailor of the quarter

(SOQ) twice in three years? By maintaining outstanding military bearing and constant awareness of his responsibilities.

The first time he was named SOQ (1989), MS2 Jonathan Rowcliffe was working in his own rating, mess management specialist, assigned to the Bachelor's Enlisted Quarters, greeting newly assigned and visiting sailors, assuring they had everything needed to make their stay as comfortable as possible.

(Continued on Page 3)

Commentary

NWC Rocketeer

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The Skipper Sez...

QUESTION

I don't have a question, just a couple of suggestions. The first one concerns the Sandquist Gate coming out to the airfield. I would like to see you replace the sign reminding people to turn off their headlights as you come into the gate. People sometimes forget and the guards don't appreciate it. The second thing, the yellow and white traffic lines near the gate at the airfield, which is unmanned, are worn and I would like to suggest they be repainted to increase safety. Thank you very much.

ANSWER

Your suggestion of replacing the sign at the Sandquist Gate prompted research of material published by the Military Traffic Management Command (MTMC). The MTMC recommends that this type of sign read as follows: "Use only parking lights at the gate." Appropriate action has been initiated to replace the sign at Sandquist Gate with the recommended wording.

Your second suggestion, concerning the roadway striping on Sandquist Road at the unmanned access gate, has been looked into.

Pages from the Past



September 5, 1951

LCdr. D.F. Asmus was named to lead the NOTS Savings Bond Drive this year. . . President Truman signed legislation extending the hopes of Wherry Housing construction here. . . S.H. Browne was appointed head of the Station's Evaluation Group. .

William Allen of the Physics Division represents NOTS at a Cornell University conference. . Service to Inyokern Airport is now with California Central Airlines and Martinliner aircraft replacing DC-3s.

September 2, 1966

Bob Leard, head of the quality engineering division for the last 10 years, passed away last week. . . A missing Air Force research balloon, lost over New Mexico, was seen floating over China Lake three days after its launching. . RAdm. M.E. Domin, COMOPTEVFOR, visited VX-5 and China Lake. . There are 2,450 kids enrolled in the China

Lake Elementary School District this fall. . G.R. Schiefer, head of Shrike T&E, was among the briefers at the annual Defense Science Seminar held here last week.

September 4, 1981

For the second straight year, NWC won the Federal Executive Board's Energy Achievement Award. . Bob Boot retired as head of the Fuze and Sensors Department, earning the Navy Superior Civilian Service Award for his 30 years of work. . Raymond Manfull received his 40 year federal service award from Capt. J.J. Lahr, NWC Commander. . Lt. Felipe Robinson is the newest physician assigned to the Branch Medical Clinic.

September 5, 1986

This issue is missing from the Rocketeer archives! Whoever took it, please BRING IT BACK!

The existing road striping is relatively new, having been re-painted during 1990. A recent Traffic Safety Council Meeting pointed out the limited visibility of these stripes during hours of darkness and rainy conditions and a decision was made to install reflective highway markers on the striping. The installation of these reflectors should increase the visibility and decrease the hazard.

Thank you for taking the time to bring these issues to my attention.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only one or two questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

China Lake Calendar

Friday, Sept. 6

... Chief Petty Officers Car Wash, Seafarer Club parking lot, 8 a.m. to 4 p.m.

... Seafarer Club Dinner Theatre "I Do! I Do!"

Tuesday, Sept. 10

... SUN Users Group meets, 11 a.m., at The Hideaway

Wednesday, Sept. 11

... Wellness Program Blood Draw begins (See schedule on Page 8).

Friday, Sept. 13

... Comedy Night at the Seafarer Club

Monday-Friday, Sept. 16-20

... NMCRS Volunteer Training Class, 9 a.m., 1811 Lautitsen.

Friday, Sept. 20

... Retirement ceremony, Capt. K.E. Allen, 10 a.m., Headquarters lawn.

Wednesday, Sept. 25

... ESB Shoemobile visits the Naval Weapons Center.

Thursday, Sept. 26

... VX-5 Change of Command ceremony, Armitage Field, Hangar One, 2 p.m.

... Annual NWC Graduation Luncheon, 11 a.m., Seafarer Club.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

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RIDER WANTED - Kern Valley Van Pool has immediate opening for rider from Lake Isabella area. 619-376-2139.

10 HAPPY ADS

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EXECUTIVE HOME, hot tub, nice area. Unfurnished \$950/mo. Furnished \$1,500/mo. Avail. 9/15. ERA Vaughn Realty 446-6561.

HERITAGE TOWNHOUSE - 2BR 2BA, refrig, W/D, landscaped backyard, pool, spa, tennis. \$750/mo. Avail 30 Sept. 377-5898, Iv. msg.

Classifieds Get Results!

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30 SERVICES


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DAY CARE ON BASE - Certification pending. Call Jodie at 446-2446.

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35 AUTOMOTIVE

1972 CHEVROLET VEGA - Excellent condition, runs. Must see! Call 446-3313 ask for Dawn.

1979 YAMAHA XS1100 Street bike - Full fairing, AM/FM/CASS, cruise, trunk & luggage comp. Passenger back rest. Xlnt cond, runs great. \$1,100. 446-7331.

1981 PLYMOUTH SAPPORO - Luxury Sport Coupe, PS, PB, A/C, cruise, AM/FM/CASS, 4 spk radio, shop manual & chains. Chassis, body & interior above average. Needs engine work. High book \$2,200. Asking \$1,100 as is, where is. 375-5095, Iv. msg. Name & phone.

88 CHEVY CAVALIER - 2 door Coupe, 4 cylinder, 5 speed. \$6,000 or \$1,000 & payments. 446-7172.

FOR SALE - 1983 Ford Full Size Van. V6, AM/FM/CASS. \$8,000 OBO. 446-6138 after 3:30, Iv. msg.

35 AUTOMOTIVE

89 CHEVY VAN CONVERSION - PS, PB, PW, PL. Dual air, color TV & VCR. Low blue book \$15,500. Asking \$15,000 OBO. MUST SELL. 446-1550.

FOR SALE - Short bed truck bed liner. Cost \$200. Asking \$100 OBO. Call Base Commensary, ask for Chuck.

FOR SALE: 1984 Ford Temp. auto, trans., all new rubber, body in fine shape, interior excellent, AM/FM cassette. Needs some engine work. Asking \$1,000 OBO. Call 374-2407 after 5 weekdays, anytime weekends.

FOUR 195R70/14 Michelin MXL BSW tires. New, never mounted. \$65/each. New at price club. \$200 takes all. 375-5095, Iv. msg. Name & phone.

88 PLYMOUTH HORIZON - A/C, AM/FM/CASS, low miles, good condition, excellent interior, custom mats & dash cover. Still under warranty! \$4,500 OBO. 375-6965, Iv. msg.

40 MISC. FOR SALE

COUCH & LOVE SEAT - \$300. 2 bikes; ladies 10 speed, Men's 10 speed. \$60/each. 371-2189.

OKIMATE 20 COLOR PRINTER for Commodore Computer, \$50. Color Cartridge ribbons 2, \$3.60/both. Ladies leather skirt, size 6, \$75. Men's leather jacket, size 42/52, \$150. Exercise bike, \$20. Exercise mat \$10. Water skis, \$45. Ski boots, size 9 1/2, \$75. 446-5851.

World Progress Encyclopedias, \$200. Jenny Lynn baby crib, \$50. 3 cockatiels w/cage, \$75. Shephard/husky, 1-1/2 yrs., free. 446-7666 after 3 p.m.

45 GARAGE SALES

GARAGE SALE - 436 Mt. Shasta. Fri & Sat, 8am-2pm. Brand new jeans & sweaters for only \$2. Fashion jewelry \$0.50. And much more!

2 FAMILY YARD SALE - TV, VCR, letter jacket, toys, clothes, misc. 7am-4pm, Sat 7th. 1308 Kearsarge Ave, (on base).

Classifieds Get Results!

55 REAL ESTATE

ONE-OF-A-KIND ADOBE HOME - Built by George Patterson, this 2BR 3BA, 2800 sq. ft. home is so unique with its huge room dimensions and custom featuring w/top-of-the-line quality throughout, you'll love it the minute you see it! Located on 2.5 acres in College Heights. \$327,700. MLS# 2998. Call Phyllis Soulsburg at Coldwell Banker Best Realty, 375-3855 for an appointment for a private showing.

55 REAL ESTATE

BEAUTIFUL TOWNHOUSE - 6 years old. 3BR 2.5BA, 2 story, 2 car encl. gar. FP, wood patio/deck. Santa Anna/West Minster area. \$160K. 714-539-0511.

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Community Events

Noises Off auditions scheduled

Auditions for CLOTA's fall production, *Noises Off*, will be held Monday through Wednesday, Sept. 9-11, starting at 7 p.m. each night at the CLOTA Building, 1425 N. Inyo Street. Call-back auditions will be held Thursday, Sept. 12. Review copies of the script are available at Ridgecrest and China Lake branch libraries.

Noises Off, a fast-paced comedy directed by Bill Blanc, will be held Nov. 8, 9, 14, 15 and 16, with a matinee on Nov. 17. A cast of four women and five men is sought for roles including Dotty Otley (Mrs. Clackett), portraying a woman in her 40s to 50s; Brooke Ashton (Vicki), portraying a young lady in her 20s; Belinda Blair (Flavia Brent), portraying a young woman in her 30s to 40s; Poppy Norton Taylor, portraying a rich young lady in her 20s debuting in her first job; Lloyd Dalls, portraying a man in his 30s to 50s; Garry Lejeune (Roger Trampelman), a handsome heartthrob in his late 20s, early 30s; Selsdon Mowbray (Burglar), a man in his 50s to early 70s who is fond of the bottle; Frederick Fellowes (Philip Brent), a young gentleman in his 30s to 40s; and Tim Algood, a man in his 20s to 40s.

Star watchers plan party for viewing night sky

Two China Lake Astronomical Society events will take place in the next few days. Tomorrow, Sept. 6, the society will hold a **star party** at its site south of Ridgecrest. Be sure to bring a telescope or binoculars or share one of theirs. The fun starts at 7:30 p.m. On Monday, Sept. 9, the society will hold its **monthly meeting** at 7:30 p.m. at the Maturango Museum. Videos on the



Enter museum's show

Entry forms for the Maturango Museum's annual open art show are now available. Because this show is open only for museum members, membership applications are also available. Artwork will not be limited to any particu-

lar theme, but must be original in design and execution by the artist. Entries will be accepted on a first-come/first-serve basis on Dec. 12. Only one entry allowed person. For more information, call the museum at 375-6900.

Western review opens tryouts

Auditions for LL & Company's new western revue, *Malfunction Junction*, will be held at 7 p.m. on Monday night, Sept. 9, at the Trona Senior Center and on Tuesday, Sept. 10, at 7 p.m. at Aggie's Opera House in Trona.

Writer/director Linda Lou Crosby has based this show on "true rumors" about the wild western mining days. Parts are available for Panamine Pearl and Jackass Jeb, who find themselves

owners of a dilapidated railroad station, Malfunction Junction, at Borax Flats; Cactus Pete, a would-be train robber; Milford P. Tenderfoot, U.S. Marshall, semi-retired; Cow Pie Pattie, cattle rustler; Gertrude Culpepper, switchboard operator; Seymour Graves, the undertaker; Gladiola Fitzbottom, a wealthy socialite; dancers and singers.

For information, call at 446-6646 or 372-4342.

Coming Up!

Chorus rehearsals for the Christmas portion of the *Messiah* will be held at the Grace Lutheran Church, 502 N. Norma, starting Sept. 15 at 3 p.m. Solo try-outs are set for 3 p.m. on Sept. 29. Performances will be held Dec. 8 and 9. Anyone interested in participating should call Bess McDowell at 375-1540.

On Monday, Sept. 16, staff from the Maturango Museum will host a "Welcome Coffee" from 10 a.m. to 12 noon to welcome newcomers to the museum (100 E. Las Flores). Docents and other museum affiliates will be on hand to answer questions about the museum and its many activities. Take advantage of this free offer, meet new friends and learn more about the Maturango Museum!

Ridgecrest Exposed can be viewed in the Sylvia Winslow Exhibition Gallery of the Maturango Museum beginning Sept. 14. Artists Dolph Amster, John Dunker, Mark Pahuta and Linda Sappington will show their own unique vision and interpretation of Ridgecrest as seen through the eyes of a camera. The show ends Oct. 9. Admission to the museum is \$1 for adults and 50 cents for children.

Horseshoeing is the back to school kick-off event for the Maturango Museum's Saturday Adventure. Jimmy Lane, local horseshoer, will demonstrate the age-old art of horseshoeing outside the museum on Saturday, Sept. 14, at 2 p.m. Cost is \$1 per adult and 50 cents per child for people not belonging to the Maturango Museum. For more information, call 375-6900.

Community Connection for Child Care presents a series of parenting tapes over the phone throughout the year. Developed by Resources for Family Development, the tape for the week of Sept. 3-9 is *Moving*. This 3-4 minute tape helps to prepare your child for a family move. Tapes can be heard from 5 p.m. to 10 a.m. by calling 375-0446.

Starting tonight (Sept. 5), the China Lake Desert Dancers will hold beginner folk dance classes. Class meets at the Hi Desert Dance Center, 725 Gateway, from 7 to 8 p.m. for 10 Thursdays. Call 375-4127.

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Military News

MS2 Rowcliffe takes second SOQ honor

Continued from Page 3

He was also volunteering as a member of the Auxiliary Security Force, training weekly for threat conditions at the Naval Weapons Center. What was a voluntary collateral duty has become Petty Officer Rowcliffe's regular assignment. The key role he played in the consolidation of military personnel into the civilian Law Enforcement and Physical Security Division (Code 241), was just a part of what got him the nod as Bluejacket of the Quarter this time around.

His superior wrote, "MS2 Rowcliffe possesses the ability to foresee and prepare for future needs as well as to act on present requirements. Utilizing his positive attitude and professional expertise, he engenders confidence in his subordinates, his co-workers and seniors."

Finding what the "more to life" was for him, MS2 Rowcliffe has decided he'd rather be a cop than a cook. He says this is a good place to get his feet wet in law enforcement. He gets to see what police work is like gradually in the relatively relaxed atmosphere of the China Lake Police Department.

"Oh, we have our busy times, don't get me wrong. Traffic control in the morning and afternoon is a major responsibility, and there are hundreds of square miles of this facility people don't see that we must keep secure," he said, his attention drawn to his

portable radio every time it squawked, and his eyes noting vehicles leaving the stop sign in front of the *Rocketeer* office just a little too quickly.

"But there are Navy bases in the world where the police work is like it is in a major city...with murder, rape and all sorts of crime. I'd rather break in here, where I can go home at night and can spend some time thinking about the job and reflecting on my day, instead of just wanting to forget it all."

The 30-year-old petty officer is single and says he'll probably probably stay that way for awhile. He wants to focus on his career and his goals.

One of those goals was realized recently when he became one of just 12 Navy personnel accepted for lateral rate conversion. He leaves for master-at-arms "A" school in late October, and after successful completion, the MS2 will become MA2.

While he isn't a military working dog handler yet, that is his ultimate goal. The top people coming out of "A" school get to pick their further specialized training. For this Bluejacket, that's a five-month dog-handling school...he intends to be first in his "A" school class.

Some of MS2 Rowcliffe's accomplishments listed in Chief Master-at-Arms Sue M. Cunningham's SOQ nominating letter include a letter of appreciation for his actions during an injury



MS2 TO MA2 -- Off to second "A" school, MS2 Jonathan Rowcliffe, Bluejacket of the Quarter for the second quarter, will be making a lateral transfer in rank when he completes the school in December. Photo by PH3 Brady

traffic accident, qualification with three weapons, completion of law enforcement/physical security guard training at Lackland Air Force Base, a supervisory course, a civilian officer survival course, and local qualification as a physical security patrolman, serving as command urinalysis coordinator, and the many hours spent beyond routine work hours during the recent THREATCON.

In addition to his official duties, as a member of the Fleet Reserve Association, he helped to

build the group's float for the 4th of July parade and spent many volunteer hours on the renovation and beautification of the senior citizens day care center in Ridgecrest.

His softball team just took first place in the MWR intramural league, going 14 and 1, and his bowling team is doing well in the Wednesday night league.

When weather and the job permit, he likes to "beat the heat" and get into the mountains camp-

ing, and he still enjoys cooking. A couple of buddies and he go off once in awhile and enter chili cookoffs.

Asked if he had a favorite dish he liked to prepare, he said in high school, where he spent half-days during his last two years in a vocational school learning to cook, and in college he specialized in soups.

"It'd probably be French Onion or maybe a nice Lobster Bisque."

Transition to civilian life

Thinking of retiring or leaving the service? If you are considering a transition to civilian life, careful planning will be rewarded with the job you want, where you want it.

"Unless you have to leave, you should stay in the service as long as possible, and use that time to develop your post-retirement job game plan," says Col. Doug Carter, USAF-Ret. author of *Marketing Yourself for a Second Career*.

Last year, Carter, director of The Retired Officers Association (TROA) Officer Placement Service, talked to more than 25,000

military people at 100 installations nationwide. He says, "people do not realize it may take six months to a year, for some even longer, to find a good job. Proper planning will prevent you from ending up underpaid, over-qualified and unhappy in a job you really don't want."

He offers the following advice:

- Develop a milestone chart that maps out everything you need to do.
- Prepare to spend 60 to 80 hours a week on the job hunt.
- Determine where you want to work based on cost of living, taxes, job market, etc.

(Continued on Page 4)

TALENTED AND INNOVATIVE -- MS1 Edilberto Gonzaga receives the Navy Achievement Medal from Capt. Douglas W. Cook, NWC Commander. MS1 Gonzaga was honored for establishing and maintaining "meticulous" food service records and providing superior meals and service, improving quality of life aboard USS CROMMELIN his duty station prior to reporting to NWC earlier this year.



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Rosh Hashanah

Rosh Hashanah, according to Jewish tradition, is the birthday of the world. This year, Rosh Hashanah, which means literally "the head of the year," marks the beginning of the year 5752. It will be celebrated from sunset on Sunday, Sept. 8, to sundown on Tuesday, Sept. 10.

Rosh Hashanah has very paradoxical moods. On the one hand, we are celebrating the creation of the world and the beginning of the New Year. We express our gratitude to God for having reached this joyous season and for witnessing the miracles of creation, and we dip apples in honey for a "sweet" new year.

However, Rosh Hashanah also has a solemn side. The New Year is a time for new beginnings and we begin intense introspection and self-examination. At this time, we seek forgiveness for all the sins we have committed in the past year. Repentance, through prayer and giving, atones for sins against God, but we are taught that for atonement for sins against other people, we must

address them directly. Just as we desire forgiveness, we are urged to forgive anyone who approaches us to make amends.

One of the highlights of the Rosh Hashanah observance is the blowing of the "shofar" or ram's horn. The shofar represents many facts of the holiday. Historically, the shofar was sounded as an alarm. The harsh sound reminds us of the solemnity of this time and calls us to repent of our sins. The shofar sounds like a coronation trumpet which proclaims the sovereignty of the Holy One. Legend tells us that the shofar was blown at very important times in Jewish history, including the giving of the Torah on Mt. Sinai, and the destruction of Jerusalem and the Great Temple. The prophet Zephaniah (1:14-16) said that the shofar will be sounded on the Day of Judgment, and Isaiah proclaimed that it will herald in the Messianic Age and

the redemption of Israel (27:13). Because of this, Rosh Hashanah is also called the Day of Judgment (Yom Hadin) and the Day of the Sounding of the Shofar (Yom Hatruah).

Rosh Hashanah is the beginning of a ten day period of soul-searching which culminates in Yom Kippur, the Day of Atonement. We are taught that the fate of each individual is written in the Book of Life on Rosh Hashanah and sealed on Yom Kippur. We pray for life and peace for all, for we believe that God does not want the death of sinners, but rather that they return to the path of blessing. We wish one another, "May you be inscribed and sealed for blessing in the Book of Life."

Shanah Tovah! Happy New Year! May 5752 be a year of peace and sweetness for all.

By Lisa L. Goldstein
Former Student Rabbi

All Faith Chapel, Temple Beth Torah East Wing

Rosh Hashanah Schedule

Sept. 8, Sunday -- Children's Service, 7-7:20 p.m.; Evening Service, 7:30 p.m.

Sept. 9, Monday -- Morning Service, 10 a.m.; Children's Service, 4:30-4:50 p.m. (Lunch will be served following morning service, followed by a presentation to the ladies of the Chapel Office.)

Sept. 10, Tuesday -- Morning Service, 10 a.m.; Children's Service, 4:30-4:50 p.m.

Children may be registered for religious school classes. Please call Peggy Busch, 375-7712, or Robin Gardner, 371-9478, if you are interested.

Transition to civilian life requires careful planning

(Continued from Page 1)

- Spend time researching what you really want to do -- 95 percent of those leaving the service don't know.

- Write a focused, competitive, marketable resume.
- Develop good skills for the job interview.

- Identify and send your letters to the person with the power to hire you -- generally not the personnel officer.

Get help in your transition from your service's transition assistance office, retiree affairs office and education office. Go to job fairs. Join a military association and a civic club.

Officers and warrant officers may join TROA and take advantage of many job services available in the officer placement program. For more information call (800) 245-8762 (TROA) ext. 117, or write to TROA (07), 201 N. Washington St., Alexandria, VA 22314-2529.

How to avoid problems with military pay account

WASHINGTON (NES) Pay account overpayments or underpayments may go unnoticed for long periods and may cause severe financial problems for service members. These problems occur due to insufficient awareness of pay entitlements and lack of familiarity with the leave and earning statement (LES).

While it is the disbursing clerk's (DK) responsibility to ensure pay is computed correctly, it remains the service members' responsibility to ensure they receive the correct pay.

Below are some tips to help ensure the accuracy of pay accounts and avoid problems.

- Check with the DK if there is a sudden variation in pay of \$10 or more for no apparent reason.

- Find out from the DK what instances will cause certain entitlements to stop automatically.

- Ensure accuracy of pay entry base date (PEBD) in the lower left corner of the LES. This date dictates base pay depending on service longevity.

Those with broken service should verify their PEBD with their personnel office.

- Newly reporting personnel, upon receiving their first LES, should review it to make sure pay entitlements that are no longer valid are not being received.

- Ensure variable housing allowance is based on the current amount of rent being paid and that the number of those contributing to the rent is accurate.

- Keep dependency information up to date and immediately notify the DK of any changes.

- Immediately inform the DK when moving from or to government quarters.

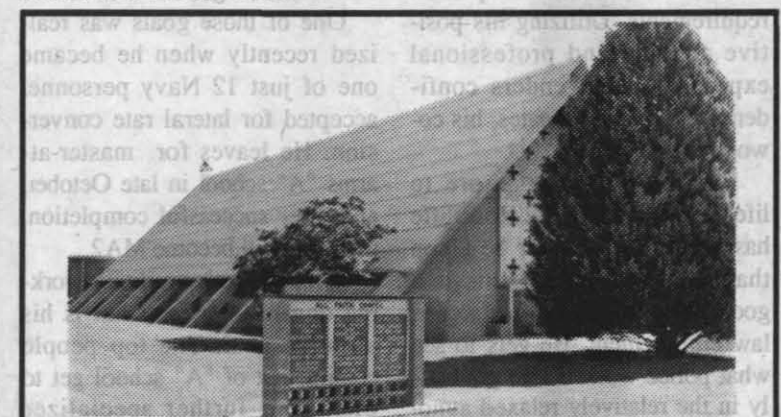
- The "daily norm" found in the remarks section of the LES, when multiplied by 15 days, should equal the amount of the paycheck, provided entitlements and deductions are correct.

- LESs should be maintained in a file for later research of any pay problems.

- Do not delay reporting overpayments.



PERFORMANCE PRAISED -- LCdr. Richard Titi, officer in charge of the Branch Medical Clinic, congratulates HM1 Wayne A. Brown on his receiving the Navy Achievement Medal for superior performance while serving in Saudi Arabia during Operation Desert Shield/Storm. HM1 Brown is credited with establishing operating procedures for a triage site, two battle dressing stations and a battle aid station at the 2nd Maintenance Battalion.



Divine Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday 11:30 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.

Islamic

Jumaa Prayer (Friday at 1002 Blandy) 1 p.m. (DST)
12 p.m. (ST)

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confessions, Weekdays By appointment
Religious Education Classes (Sunday) (September thru May) 10:15 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher
Scripture Classes, Tuesdays (October-January) 7-8:30 p.m.
St. Ann's Parish Hall

Jewish

Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) (September thru June) 3:00-5:00 p.m.
Religious Education (Sunday, East Wing) (September thru June) 9:00 a.m.-12 (noon)

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain G. L. Goodman, LT, CHC, USNR
Andrew Paley, Student Rabbi
Hearing Impaired Equipment, Nursery Available
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Variety of training classes offered on-Center

Freshstart (Stop Smoking Program) (4 hours)

Sept. 16, 19, 23 & 26 (Mondays and Thursdays), 1600-1700, Training Center. By Hazel Barber.

Scope: Kick the smoking habit with the Freshstart Program. The American Cancer Society's Freshstart program will help you stop smoking by providing you with information and strategies to direct your own efforts at stopping. The workshop will be limited to 10-15 people and will be led by an American Cancer Society trained facilitator who has successfully completed a Stop Smoking Workshop.

To enroll in this class, please call the Wellness Program Office (NWC ext. 2468) to reserve a space. No training request is required.

Deadline: Sept. 6.

Self-study

NAVSTAR GPS Overview (10 hours)

Self-study, VHS video. By Mark Sturza, UCCE

Scope: This class was originally held on-Center Oct. 23-24, 1990 and video taped. It covers the operational principles and applications of the Global Positioning System (GPS) from the user's standpoint. The course starts with an update on the GPS program and current schedule and continues by covering the basic navigation principles. Attendees were instructed on the use of the GDOP figures of merit, the satellite coverage characteristics and the error sources affecting the GPS navigation architectures for integrating GPS with other sensors, including inertial navigation systems. There is discussion on commercial and military applications of the GPS navigation system. An understanding on the GPS systems operation, how to use the navigation service provided and design of GPS user equipment, along with potential applications, will be explored.

GPS Receiver Design (20 hours)

Self-study, VHS video.

Scope: GPS Receiver Signal Processing I, signal conversion to IF, signal and noise representation, mixing and filtering, band-limiting effects, and analog/digital vs. digital. GPS Receiver Signal Processing II, conversion to baseband, sampling and quantization effects, and interference consideration. GPS Receiver Signal Processing III, Doppler removal, code correlation, post-correlation filtering, predetection noise bandwidth, and signal-to-noise density. GPS Receiver Signal Processing IV, generic tracking loop, squaring loss, tracking loop aiding and phase-lock loop. GPS Signal Processing VI, signal acquisition, bit and frame sync and data demodulation. Other GPS error sources, clock errors, troposphere and ionosphere and multi-path.

Fast Track (1 hour)

Self-study, audio cassette.

The Age of Unreason -- by Charles Handy. Singled out in *Business Week* as the most forward-looking of the year's best business books, this unusually insightful work presents a provocative vision of tomorrow's organizations and managers' future roles. Includes an interview with Charles Handy.

How to Shoot From the Hip Without Getting Shot in the Foot -- by James D. Stein Jr., Herbert L. Stone and Charles V. Harlow. A guide to better decision-making that features challenging interactive scenarios designed to enhance strategic judgement. Includes an interview with the authors.

IPC-D-275 Workshop (5 hours)

Self-study, VHS video.

Scope: This course, *Design Standard for Rigid Printed Boards and Rigid Printed Board Assemblies* was video taped "live" at NWC in April, 1991. An outline of the course includes design considerations, component mounting issues, board constructions, conductor/circuit geometries, hole characteristics, coating requirements, documentation and photo tooling and quality assurance.

Surface Mount Solder Joint Evaluation (1 hour)

Self-study, VHS videos. By IPC Video.

Scope: Part I -- This 33 minute video explains rectangular chip component solder joints, beginning with the importance of a quality solder joint; typical mechanisms; and decisions for rework. The opening section of this new video provides the dimensional acceptance criteria from the IPC-S-815 specification for all three classes of products, including maximum side overlap, minimum end joint width, minimum end overlap, minimum solder joint height and maximum solder thickness. Part II -- This 30 minute tape analyzes typical soldering defects and causes, specifically: insufficient and excessive solder, improper contact angles, drawbridging and tombstoning, webbing, disturbed or cold solder joints, solder bridging, solderballs and mounting adhesive inside solder joints.

Love & Profit: The Art of Caring Leadership

Self-study, book. By James A. Autry.

Scope: James A. Autry presents a few straight-forward statements in the introduction of his book: "Work can provide the opportunity for spiritual and personal, as well as

financial, growth. If it doesn't, then we're wasting far too much of our lives on it. •The workplace is rapidly becoming a new neighborhood and American business people are helping make it happen. •Good management is largely a matter of love. Or if you're uncomfortable with that word, call it caring -- because proper management involves caring for people, not manipulating them. The deeper subject here is the unmentionable: coping with the impossible choices that are a manager's daily lot; how to express disappointment with a key employee or protegee; how to publicly acknowledge human uniqueness in a corporate environment where "there is no room for special treatment," etc.

Overcoming Overeating (2 hours)

Self-study, video.

Scope: The *Overcoming Overeating* workshop was offered November 29, 1990 by the Wellness Program and was video-taped. This video is now available for check-out. Jane Hirschmann presented theories which explained the diet/binge cycle, yo yo dieting and its pitfalls, and identified who is at risk for eating problems and factors affecting the problem. The workshop also outlined a conceptual framework for viewing the problem of compulsive eating. Participants learned how to use food to "cure" compulsive eating and were given information to better understand the addictive cycle.

Reversing Heart Disease

Self-study, book. By Dr. Dean Ornish.

Scope: This book is about healing your heart. Dr. Ornish's scientific study, funded in part by the National Institute of Health and based on 13 years of research, has concluded: heart disease can often be halted or even reversed -- without bypass surgery, angioplasty or cholesterol-lowering drugs -- simply by changing our life-style. His book will guide the reader step-by-step through the Opening Your Heart program, which combines a special reversal diet, a prevention diet, meditation, visualization, communication skills and other stress management techniques. He also offers advice on how to stop smoking and how to exercise safely and moderately.

The CareerTrack Collection (6 hours)

Self-study, audio cassette.

Scope: This course is a collection of 24 of CareerTrack's most popular audio seminars by CareerTrack's highest-rated speakers. Hear about self-esteem and peak performance, personal power, one minute manager live, achieving excellence, business writing skills and more.

Put The Fun In Your Lunch

Too busy for a total-body workout during lunch? Right? Wrong!

ASFIT is the same high-energy workout in 35 to 45 minutes. Classes are Monday-Thursday 11:30am to 12:15 pm in the NWC Gym Annex.

Regular Jazzercise classes held daily Mon.-Fri. at 5:15 p.m., Sat. 8:30 a.m., Sun. 4 p.m.

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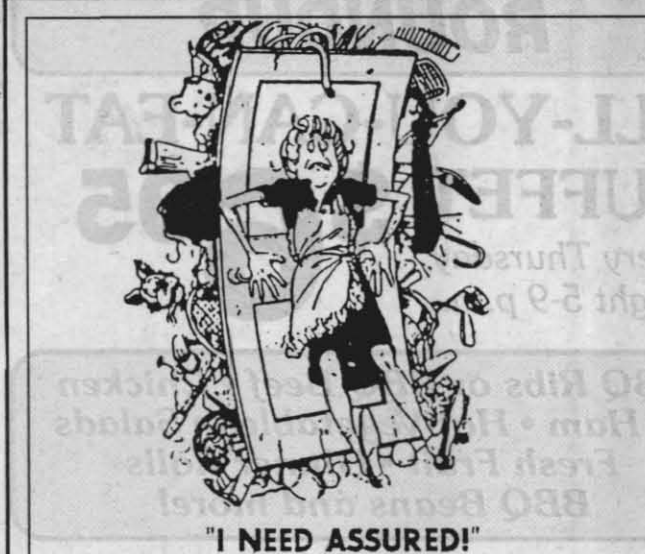
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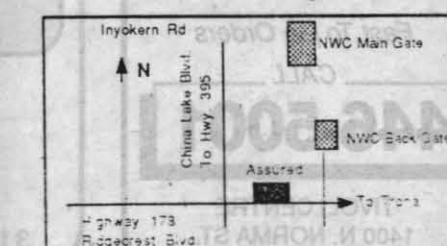
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Secretarial, reassignment opportunities are available

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 35-023, Secretary (Typing), DG-318-1/2 Code 3511 - This position is located in the Weapons Systems Analysis Division, Attack Weapons Department. Incumbent provides secretarial support to the Weapon Simulation and Data Analysis Branch. Experience with the Macintosh computer is desired, but not required. Promotion potential to DG-2, but not guaranteed.

No. 38-007, Secretary (Typing), DG-318-1/2, Code 38502 - The incumbent provides secretarial support to approximately 17 research chemists and chemical engineers in the Chemistry Division. Knowledge of and working skill on the Macintosh II is desirable. A variety of duties will give the incumbent a wide range of experience. The full performance level of this position is DG-2.

No. 39-037, Secretary (Typing), DG-0318-1/2 Code 3935. This position may be filled by part, or full time. This position

is located in the Fuze Technology Branch, Fuze Sensor Systems Division, Intercept Weapons Department. Incumbent will provide secretarial and administrative support to the branch head. Knowledge and working skill on the Macintosh is desirable. Promotion potential to DG-2, but not guaranteed. This announcement will close 19 Sep 91.

No. 64-037, Secretary (Typing), DG-318-1/2, Code 6436 - This position is located in the Threat Simulator Systems Branch of the Radar and Threat Technology Division of the Aerosystems Department. The incumbent provides secretarial and administrative support to the Branch Head. Experience using the Macintosh is desirable. The incumbent must be able to obtain and maintain a Secret clearance. Status eligibles may apply. Previous applicants need not reapply. Promotion potential to DG-2.

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 62-030, Mechanical Engineer, DP-830-3, Code 6204 - This position is located in the Junction Ranch Test Section of the Radar Cross-Section Range Office in the Range Department. The incumbent will act as a Test Engineer planning upcoming tests and also help plan range upgrades. The group works a "first 40" work schedule. A Top Secret clearance is required although the applicant need not hold that clearance level to apply. **Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. **To apply, send SF-171 to John Denson, Code 6204, NWC, Ext. 6077.



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Mary Frost
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NWC earns cash for conservation

Energy conservation efforts at the Naval Weapons Center took another step forward recently with replacement of five miles of eight-inch water line with new 20-inch lines. This effort means fewer hours of pumping from water wells and a savings of more than \$90,000 a year.

For NWC's continued energy management efforts, Southern California Edison Co. gave the Center a rebate of \$44,230 as part of Edison's Energy Management Hardware Rebate Program.

Carol Beck, Ridgecrest district manager of Edison, and Jim Jackson, major accounts executive for military installations, presented the check to Capt. Randy Williams, Center Public Works Officer, representing, NWC Commander, Capt. Douglas W. Cook, last week.



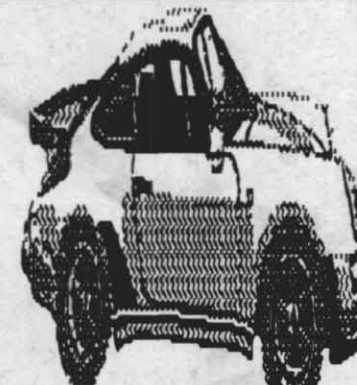
ENERGY SAVINGS--Carol Beck looks on as Capt. Randy Williams receives a check for \$44,230 from SCE's Jim Jackson. NWC Photo

CPOs washing cars

Many a sailor would like to see a chief petty officer doing hard, physical labor. They'll get a chance for just such an event on Friday, Sept. 6 when the China Lake CPO Community sponsors a day-long car wash in the Seafarer Club's parking lot. Get your

car washed for a donation to the CPO initiation. Hours of operation are 8 a.m. to 4 p.m.

The Chiefs are looking for a bumper crop of dirty cars to take advantage of their efforts tomorrow.



NMCRS sets volunteer class September 16

From Sept. 16 through 20, Joyce Dinnage, executive director from the Navy Marine Corps Relief Society, Long Beach Auxiliary, will instruct a 15-hour NMCRS class. The course, which will be held at 1811 Lauritson from 9 a.m. to 12 p.m. each day, covers topics ranging from pay and allowances and NMCRS policies for volunteer programs and opportunities.

Students completing the course, which is open to military dependents and civilians, will receive a diploma. While there is no obligation to volunteer to help the local NMCRS, those who do will receive further on-the-job training.

Free child care will be provided for preschoolers.

For more information, call NWC ext. 2921.

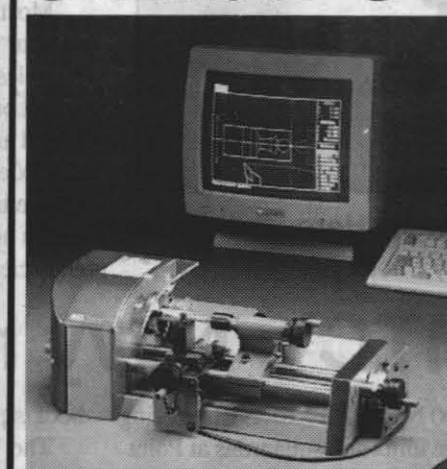
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Pt. Mugu: Who they are and what goes on

(Editor's Note: With this issue, the Rocketeer starts a once-a-month feature page from PMTC. Information is furnished by the staff of the Missile newspaper.)

Point Mugu is home to the Pacific Missile Test Center and the Naval Air Station. We are situated about 50 miles northwest of Los Angeles, near the cities of Oxnard and Camarillo.

The Pacific Missile Test Center is at the forefront of developing and testing missile systems for the fleet. In its traditional role of test and evaluation, PMTC is the Navy's primary facility for air launched weapons. However, other mission areas have expanded and now pro-

vide new challenges.

Other mission areas at the Pacific Missile Test Center include fleet operations support and training, engineering cognizance and in-service engineering, and increasing support for surface-launched weapons.

In recent years, electronic warfare projects have also grown in number, and there has been a critical requirement to test weapons against realistic threats in an electromagnetic environment.

PMTC's unique Sea Test Range complex of fixed and mobile instrumentation systems provides Navy and other authorized Department of Defense users with heavily instrumented test areas to conduct testing in space, air, marine and underwa-

ter environments against various simulated threats.

PMTC's extensive simulation and test laboratories, coupled with technical expertise in a wide range of scientific and engineering disciplines provide development, evaluation and in-service engineering support of weapon systems.

The Sea Test Range comprises a fully instrumented 35,000 square mile area about 125 miles by 250 miles long. The range is part of a unique resource for evaluation of tactical and strategic weapons systems in a realistic flight test environment. Range support facilities include precision tracking and surveillance radars, telemetry stations, control and display centers, communication networks, launch

facilities, frequency monitoring, safety and meteorological services and extensive data handling and processing capability both at Point Mugu and on San Nicolas Island.

PMTC has developed more than 30 modern laboratories to support test and technology development responsibilities. Special purpose laboratories provide capabilities to support weapon systems, electronic warfare and development of software for tactical systems.

These extensive facilities developed by the Pacific Missile Test Center, coupled with the dedicated military and civilian personnel workforce give the Navy the best test and evaluation capability in the world.

San Nicolas a vital part of the range

San Nicolas Island is approximately 60 miles off the coast of Point Mugu and part of the Pacific Missile Test Center's Sea Test Range. San Nicolas Island is the site of about \$30 million worth of communication and missile-tracking instrumentation operated by the PMTC Range Directorate.

It is all closely coordinated with those on the mainland at Point Mugu. San Nicolas' 10,000-foot runway with ground-controlled approach facilities accommodates supersonic target aircraft and planes from the mainland during operations.

Most activity is conducted over a rectangular plot of ocean 200 miles long and 80 miles wide, with the majority of operations conducted between San Nicolas Island and Point Mugu. Data and internal and external actions of the flight test vehicle are transmitted by telemetry to computers at Point Mugu, where the engineers and scientists study its actions.



HARPOON LAUNCH--Even the U.S. Coast Guard uses PMTC's Sea Range. Here, the cutter *Mellon* (WHEC-717) conducts a test launch of a Harpoon missile. U.S. Navy Photo

Many tenants compliment PMTC's Navy mission

The Pacific Missile Test Center has a fleet of more than 50 aircraft, many uniquely configured, to support the test and evaluation mission for airborne weapons and electronic warfare systems.

Aircraft are also used for mobile range instrumentation, range surveillance and clearance, target launch and recovery, search and rescue and logistics support.

After aircraft weapons systems and support equipment and materials are designed, they must be tested in the environments in which they will be used. Air Test and Evaluation Squadron Four (VX-4) performs this job and develops tactics and doctrine for fleet use of these weapons and associated support systems.

Antarctic Development Squadron Six's mission is support for Antarctic Research Programs sponsored by the National Science Foundation as a part of the Navy's Operation DEEP FREEZE.

The squadron deploys to Antarctica during the austral summer, from October through March and returns to Point Mugu for upkeep and training on Antarctic operations from April through September. The squadron flies to all corners of the frozen continent to support programs of Antarctic Treaty nations and provides transportation to scientists and for supplies.

The Naval Air Reserve Forces is the hub of the Naval Air Reserve wheel of training and personnel service for approxi-

mately 1,800 Naval Air Reservists serving in 22 reserve units and squadrons at Point Mugu, NAS Lemoore and China Lake.

The primary mission is training and administration of Naval Air Reservists, with emphasis on readiness, recruiting and retention. They maintain control of 22 reinforcing units and squadrons, and of Naval Air Reserve Center, Lemoore, and provides site support to VFA-305, VP-65 and HCS-5 at Point Mugu.

The VFA-305 "Lobos" transitioned to the F/A-18 Hornet aircraft on January 1, 1987. The squadron has received the Noel Davis Award (twice) as the best attack squadron in the Naval Reserve and the F. Trubee Davison Award as the best tail-

hook squadron in the Naval Reserve.

The VP-65 "Tridents" operate Lockheed-built P-3B Orion long-range maritime patrol aircraft. They provide a combat ready squadron for mobilization in the event of a national emergency to search, detect, track and destroy enemy submarines.

HCS-5 "Firehawks" at Point Mugu are tasked as the Navy's only dedicated Strike Rescue asset. The "Firehawks" were officially recalled in support of Operations Desert Shield/Storm in December of 1990. They remained in the Gulf until March 19 flying continuous flights over the border and taking 35 mm photographs of Iraqi movements for Navy Seal teams.

Naval Weapons Center seeks qualified applicants

(Continued from Page 18)

activities and NAVWPNCEN team members. The incumbent must have demonstrated experience in missile power source applications, computer-based test system operation and development of requirements for state-of-the-art test facilities, including documentation of operating procedures. **Job Relevant Criteria:** Knowledge of missile power sources and related system safety requirements; knowledge of related power source applications, including specification requirements; ability to communicate orally; ability to communicate in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply. This announcement closes 9/12/91.

No. 39-036, Interdisciplinary (General/Electrical/Aerospace/Mechanical), DP-801/850/861/830-2/3 (Two vacancies), Code 39B6 - This position is located in the Systems Analysis Center, Antiair Project Office, Intercept Weapons Department. The incumbent will perform systems analysis of weapons systems. The incumbent will be concerned with the measurement, analysis, prediction, and simulation of the environments to which weapons are exposed. **Job Relevant Criteria:** Knowledge of radar principles; knowledge of weapon systems and fleet operations; knowledge of systems analysis techniques. Skills with Microvax and Silicon Graphics computer systems is desired. A Top Secret clearance based on a special background is desired. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply.

No. 64-039, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace/Chemical Engineer/Physicist/Mathematician/Computer Scientist/Operations Research Analyst), DP-801/830/855/861/893/1310/1520/1550/1515-3/4, As part of the pre-planning effort for the projected Naval Air Warfare Center, Weapons Division, this position is that of Head, Defense Systems Division, located in the proposed Electronic Combat Range Department, of the planned Land Range Directorate. As Division Head the incumbent will direct a division consisting of subordinate branches which provides support to the Department in areas of operations, maintenance, upgrade, training, doctrine, etc., for all Red, Gray, Blue, etc. threat systems. This also includes responsibility for the instrumentation radars and the Slate Range Facility. The incumbent provides overall direction, coordination and management of the division activities as well as general administrative tasks. In order to permit pre-planning activities to proceed the selected applicant will be detailed to this position. Upon approval of the consolidation of the Naval Weapons Center and Pacific Missile Test Center, the incumbent will convert to permanent position in the proposed Electronic Combat Range Department. The work schedule is "First Forty" hours. **Job Relevant Criteria: Knowledge of methods and equipment employed to test Electronic Warfare (EW) systems and technologies; knowledge of Integrated Air Defense Threat Systems (IADS); knowledge of ground based radar system design, development and operational requirements; ability to manage work through contracts; ability to deal effectively with top NWC management and high ranking officials from other**

activities; knowledge of affirmative action including a willingness to implement EEO policies and goals; and the ability to plan, organize, coordinate, and manage technical programs. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. ****Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above.**** Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. This ad will close 9/12/91.

No. 64-038, Supervisory Interdisciplinary General/Mechanical/Electronics/Aerospace/Chemical Engineer/Physicist/Mathematician/Computer Scientist/Operations Research Analyst), DP-801/830/855/861/893/1310/1520/1550/1515-3/4, As part of the pre-planning effort for the projected Naval Air Warfare Center, Weapons Division, this position is that of Head, Data Systems Division, located in the proposed Electronic Combat Range Department, of the planned Land Range Directorate. As Division Head the incumbent will direct a division consisting of subordinate branches which provide support to the Department in areas of data collection and processing, communication, and recording and display systems. This includes telemetry systems and non-radar TSPI

systems. The incumbent provides overall direction, coordination, and management of the division activities as well as general administrative tasks. In order to permit pre-planning activities to proceed, the selected applicant will be detailed to this position. Upon approval of the consolidation of the Naval Weapons Center and Pacific Missile Test Center, the incumbent will convert to a permanent position in the proposed Electronic Combat Range Department. The work schedule is "First Forty" hours. **Job Relevant Criteria:** Knowledge of methods and equipment employed to test Electronic Warfare (EW) systems and technologies; knowledge of Integrated Air Defense Threat Systems (IADS); knowledge of Audio, Video, and Digital Range Instrumentation Networks and their use in EW Testing; knowledge of Software Engineering methods; knowledge of missile guidance methods and techniques; ability to manage work through contracts; ability to deal effectively with top NWC management and high ranking officials from other activities; knowledge of affirmative action including a willingness to implement EEO policies and goals; and the ability to plan, organize, coordinate, and manage technical programs. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. ****Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promo-**

tional Opportunities" box above.**

Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. This ad will close 9/12/91.

No. 62-031, Machinist, WG-3414-11, Code 6222 - This position is located in the Engineering Section of the Track Operations Branch (SNORT), Range Operations Division, Range Department. Incumbent is required to perform all the duties of a Machinist, which include machining, fitting, assembling, installing, testing and modifying complete structural and mechanical prototypes of experimental and developmental models of tract test vehicles, camera components, ordnance test items and other related models or devices required in the track testing field. **Job Relevant Criteria:** Ability to set-up and operate machine tools and attachments, use set-up tools, and perform machining operations to required tolerances; knowledge of and ability to apply trade theory and technical practices; ability to interpret shop drawings, accomplish lay-out work and use measuring devices; ability to perform hand metal-working operations, fitting, and to use hand tools, including portable electric and pneumatic tools; knowledge of the characteristics of and the ability to work with materials used in the machinist trade; and the ability to do the work of the position without more than normal supervision. A supplemental is required and can be obtained in Room 100 of the Personnel Building. Promotion potential is WG-11.

Academic counselors set visits

Professor Pettit of Cal-State University, Northridge (CSUN) will be on-Center Sept. 11 to advise current and prospective students in the master's degree program offered by the school in electrical engineering.

Academic counselors of California State University, Bakersfield (CSUB), will be on-Center Sept. 13 to advise current and prospective students in external degree programs offered by the school at NWC.

The school offers a bachelor's degree program in business administration and a master's degree program in administration.

To make an appointment to see either Professor Pettit or one of the CSUB counselors, call Denise at NWC ext. 2648.

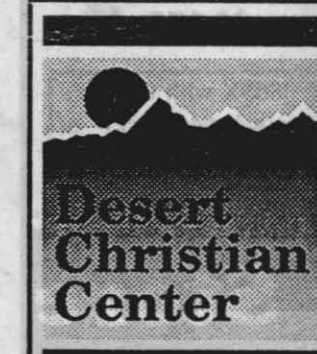
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Today, the original Boys Town (Father Flanagan's Boys' Home) is helping more than 15,000 young people each year through new programs, a hospital and additional locations. Boys Town now has campuses or projects in the Los Angeles area, New York City, New Orleans, San Antonio, Orlando, Tallahassee, Las Vegas, Rhode Island and near Ft. Lauderdale. Of course, the Home Campus in Boys Town, Nebraska remains the flagship.

Please help keep hope alive for today's troubled children.



Personnel News

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. **Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate.** If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. **Announcements close at 4:30 p.m. on Thursday, one week after the opening date of the announcement, unless otherwise specified.** Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

Notice Regarding Drug Testing Designated Positions

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 21-022, Laborer, WG-3502-3, \$8.75 to \$10.20 per hour, Mail, File and Records Branch, Code 2152. This position performs laboring duties in the movement of mail in boxes and mail bags weighing from 40 to 120 lbs each. Picks up and delivers incoming and outgoing mail and Center Guard Mail. Required to operate a Government motor vehicle as well as to walk, push mail carts, climb stairs and work outside in all kinds of weather conditions. Passing physical examination is required. Must have a valid California state driver's license, be able to qualify for a government motor vehicle operator's permit and be able to obtain a SECRET clearance. **Job Relevant Criteria:** Reliability and dependability; dexterity and safety; ability to follow written and oral directions; ability to handle weights and loads; ability to do the work of the position without more than normal supervision.

No. 21-023, Mail and File Clerk (Typing), DG-305-1/2, Mail, File and Records Branch, Code 2152. Incumbent is responsible for receiving and processing incoming and outgoing mail in accordance with the standards and security regulations; knowledge of contract administration; knowledge of NWC personnel policies and procedures; knowledge of budgetary policies and procedures; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor. Promotion potential to DP-3, but not guaranteed. This announcement closes 9-19-91.

No. 21-024, General Supply Officer, DA/DP-2001-3, Code 2131. This position is located in the Supply Operations Branch, Supply Division, Military and Support Operations Department. The incumbent directly supervises a small civilian staff and has contractual monitoring and oversight responsibility over Annex 19 and 21 to the Base Operating Services Contract at NWC. The branch monitors, evaluates, and reports contractor performance in all areas of supply support (including stock control, inventory management, receipt control, transportation and personal property) by performing surveillance, sampling, and analysis of the contractor's operation. The incumbent acts as interface between Center customers and the Contractor on supply matters. **Job Relevant Criteria:** Knowledge of supply

operations; knowledge of contract administration; knowledge of NWC personnel policies and procedures; knowledge of budgetary policies and procedures; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor. Promotion potential to DP-3, but not guaranteed. This announcement closes 9-19-91.

No. 28-057, Budget Clerk/Assistant, DG-561-1/2/3, Code 2833 and 2836. Multiple Vacancies - Incumbent will provide

wide fiscal clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customer order/job order numbers, assists the department in processing travel orders and/or material requisition actions. **Job Relevant Criteria:** Knowledge of accounting or budget clerical procedures; ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures. Promotion potential to DG-3.

No. 36-024, Supervisory Electronics Engineer, DP-855-3, Code 36272. This position is the Section Head of the Full Scale Engineering Development (FSED) Section of the Weapons Systems Software Engineering Branch, Systems Engineering Division, Engineering Department. The Branch is responsible for providing systems Software Engineering support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. Incumbent will serve as a member of the Acquisition Requirements/Data Requirements Review Board. This position has significant contact with the NWC project managers and NAVAIR sponsoring program management offices of various missile and bomb programs. Incumbent must be familiar with software development specifications including DOD-STD-2167A, DOD-STD-2168, and MIL-STD-1521B. Incumbent must have experience in Software Quality Engineering and Software Configuration Management of tactical embedded software for missiles and bombs. **Job Relevant Criteria:** Ability to supervise a diverse section of software and hardware engineers and technical specialists; knowledge of Software Engineering disciplines; ability to communicate orally; ability to communicate in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply. This announcement closes 9/12/91.

No. 36-025, Supervisory Electronics Engineer, DP-855-3, Code 36273. This position is the Section Head of the Post Deployment Software Support/Missile Software Support Laboratory (PDSS/MSSL) Section of the Weapons Systems Software Engineering Branch, Systems Engineering Division, Engineering Department. The Branch is responsible for providing systems Software Engineering support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. This position has significant contact with the NWC project managers and NAVAIR sponsoring program management offices of various missile and bomb programs. Incumbent must be familiar with software development specifications including DOD-STD-2167A, DOD-STD-2168, and MIL-STD-1521B, and with software test methods. Incumbent must have experience in Software Quality Engineering and Software Configuration Management of tactical embedded software for missiles and bombs. Incumbent must have experience in performing Verification and Validation of tactical embedded software for aircraft or missile systems. **Job Relevant Criteria:** Ability to supervise a diverse section of software and hardware engineers and technical specialists; knowledge of Software Engineering disciplines; ability to communicate orally; ability to communicate in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply. This announcement closes 9/12/91.

No. 36-026, Supervisory Electrical Engineer, DP-850-3, Code 36252. This position is the Section Head of the Aircraft Weapons Integration Section, Missile Guidance Branch, Systems Engineering Division, Engineering Department. Duties of this position include supervision and leadership of a section conducting aircraft weapon integration planning and testing. **Job Relevant Criteria:** Knowledge of Navy tactical aircraft to weapon interfaces, aviation operations, and missile guidance and control; skill in missile testing is required; ability to communicate orally; ability to communicate in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply. This announcement closes 9/12/91.

No. 36-027, Supervisory Electronics Engineer, DP-855-3, Code 36253. This position is the Section Head of the Guidance Engineering Section of the Missile Guidance Branch, Systems Engineering Division, Engineering Department. The incumbent will be a working electronics engineer and also supervise and direct the activities of several engineers and technicians. The Guidance Engineering Section provides RF engineering support for RF guided missile production programs and maintains a laboratory for RF test and evaluation. The incumbent will spend a significant amount of time providing technical support to various projects. **Job Relevant Criteria:** Knowledge of NWC personnel policies and procedures; knowledge and experience with RF guided missile systems; knowledge of missile guidance and control systems; knowledge of production issues, drawing and specification interpretation; knowledge of electronic and RF laboratory processes; ability to communicate orally; ability to communicate in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not reapply. This announcement closes 9/12/91.

No. 36-028, Supervisory Electronics Engineer, DP-855-3, Code 36263. This position is the Section Head of the Battery Applications Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile power sources, particularly thermal batteries. The task requires specific experience in performing battery safety tests (in accordance with NAVSEA System Safety requirements), environmental tests and studies, electrochemical technology and related manufacturing process controls, and the Navy production support engineering process. The position requires a technical background, with interaction with major DOD contractors and component contractors, DOD field

No. 36-029, Supervisory Electronics Engineer, DP-855-3, Code 36263. This position is the Section Head of the Battery Applications Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile power sources, particularly thermal batteries. The task requires specific experience in performing battery safety tests (in accordance with NAVSEA System Safety requirements), environmental tests and studies, electrochemical technology and related manufacturing process controls, and the Navy production support engineering process. The position requires a technical background, with interaction with major DOD contractors and component contractors, DOD field

No. 36-030, Supervisory Electronics Engineer, DP-855-3, Code 36263. This position is the Section Head of the Battery Applications Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile power sources, particularly thermal batteries. The task requires specific experience in performing battery safety tests (in accordance with NAVSEA System Safety requirements), environmental tests and studies, electrochemical technology and related manufacturing process controls, and the Navy production support engineering process. The position requires a technical background, with interaction with major DOD contractors and component contractors, DOD field

No. 36-031, Supervisory Electronics Engineer, DP-855-3, Code 36263. This position is the Section Head of the Battery Applications Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile power sources, particularly thermal batteries. The task requires specific experience in performing battery safety tests (in accordance with NAVSEA System Safety requirements), environmental tests and studies, electrochemical technology and related manufacturing process controls, and the Navy production support engineering process. The position requires a technical background, with interaction with major DOD contractors and component contractors, DOD field

No. 36-032, Supervisory Electronics Engineer, DP-855-3, Code 36263. This position is the Section Head of the Battery Applications Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile power sources, particularly thermal batteries. The task requires specific experience in performing battery safety tests (in accordance with NAVSEA System Safety requirements), environmental tests and studies, electrochemical technology and related manufacturing process controls, and the Navy production support engineering process. The position requires a technical background, with interaction with major DOD contractors and component contractors, DOD field

Wellness: Blood draw schedule

All Naval Weapons Center employees have an opportunity for a low cost blood analysis through efforts of the Wellness Program Office. The blood test analysis will include kidney and liver enzymes, total cholesterol, HDL, LDL, triglycerides, glucose and a complete blood count.

Participants must abstain from eating any food or drinking anything other than water for 12 hours before their blood draw. Alcohol should not be consumed within 24 hours of the test.

The draws will begin at 7 a.m. on the dates and at the locations listed below. The cost is \$18. Payment is required at the time of the draw. Make checks payable to MWR.

Appointments may be made via computer by connecting to the SCFC VAX and typing in

WELLNESS at both the "username" and "password" prompts. Options will appear on the screen allowing you to select the preferred time and location for your appointment. Fitness assessments will not be available until the Spring. If you have access to another VAX on the network, log on and type "set host scfc". If you do not have access to a computer, call the Wellness Program Office, NWC ext. 2468, and leave a message giving your name, extension, code and the preferred date, location and time you want your appointment.

Sept. 11 (Wed.) -- Michelson Lab, "Little D" Conference Room
Sept. 12 (Thurs.) -- Michelson Lab, "Little D" Conference Room
Sept. 13 (Fri.) -- Michelson Lab, "Little D" Conference Room
Sept. 17 (Tues.) -- Training

Information Systems Group set to do NWC network analysis

There is a potential for severe bottlenecks on the NWC corporate network as users and applications increase. More complex networks over longer distances, increased distribution of client/server facilities, and the growing requirement to support graphics-intensive applications also contribute to decreased network performance.

To help ensure the level of service on the network meets user needs, Code 2711 is performing a network requirements analysis. The analysis will determine current and future quantities and types of devices connected to the network and the

applications run over it. Information gathered will be used to develop a model of the network. The model will be used in simulations of traffic patterns and performance levels, to help Code 2711 determine architecture and network technologies at NWC.

The analysis begins with a survey sent to various users on Center. The survey determines current and future requirements for the network. Without this, users may suffer performance and cost penalties due to larger than expected network use. Groups planning large networking applications should make intentions known to Code 2711.

If you would like to be included in the survey to ensure requirements are known, contact Chris Lucas at NWC ext. 4553.

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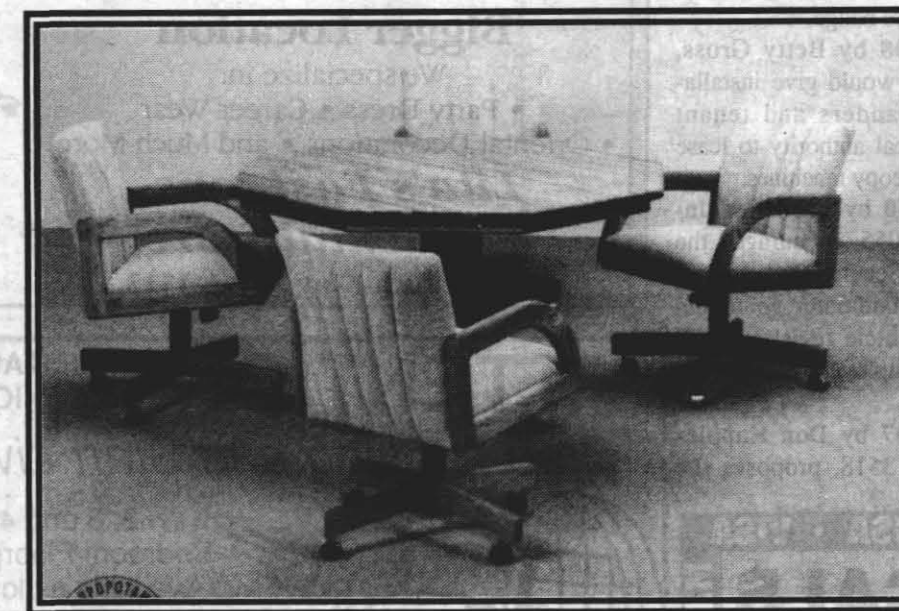
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When You Care About Quality

MIPI: Final award ceremony honors 12 employees

After more than 950 Model Installation Program Initiatives (MIPIs) the final recognition ceremony was held recently. Naval Weapons Center Commander, Capt. Douglas W. Cook, made the presentations. "Don't stop putting out those good ideas," he told the China Lakers assembled for the ceremony. "Keep pushing, keep challenging, make a difference in how we do business," he added.

MIPI 556 by Wayne McGill, Code 364, would develop a round trip concept for car rentals where a traveler, going to LAX, could take one car down, drop it at the airport and bring another car back to China Lake for a low-cost round trip fee.

MIPI 776 by Jerry Stein, Code 225, proposes to waive the requirement the Center collect fees paid to employees who are on jury duty.

MIPI 749 and MIPI 827 by Opal Coughlin, Code 6202 and Carol Garrison, Code 39023 would eliminate the Code 24 requirement for both a form and a memo to get a photograph "P" on an area access badge.

MIPI 808 by Betty Gross, Code 2741, would give installation commanders and tenant activities local authority to lease or purchase copy machines.

MIPI 850 by Bruce MacIntosh, Code 055, encouraged the Safety and Security Department to create a computer generated form for vehicle registration to use when employees renew their badges.

MIPI 907 by Don Kappleman, Code 3518, proposes the

Center seek an extension of the one-year probationary period for new junior professional employees.

MIPI 9230 by Denise Gransbery provided for the Payroll Branch to produce new employee pay and leave records only when a change occurs and not for each pay period.

MIPI 940 by Terry Mitchell, Code 012, proposed the Center seek a waiver of Joint Travel Regulations to allow more flexibility for use of frequent flyer credit employees earn on official travel.

MIPI 912 by Jim Rieger, Code 642A, allows codes to apply for technical passes with security via E-Mail and get a reply acknowledging receipt of requests.

MIPI 772 by Jim Rieger, suggested means to speed up the sign-off cycle for specifications and drawings. Code 64 is working to implement this idea.



MIPI HONORS--The final group of NWC employees who had MIPIs approved at the local level were recognized recently. Capt. Douglas W. Cook presented the awards to the innovative people. Photo by PH3 Cary Brady

JESSICA CROMARTY & KEVIN SEYMOUR

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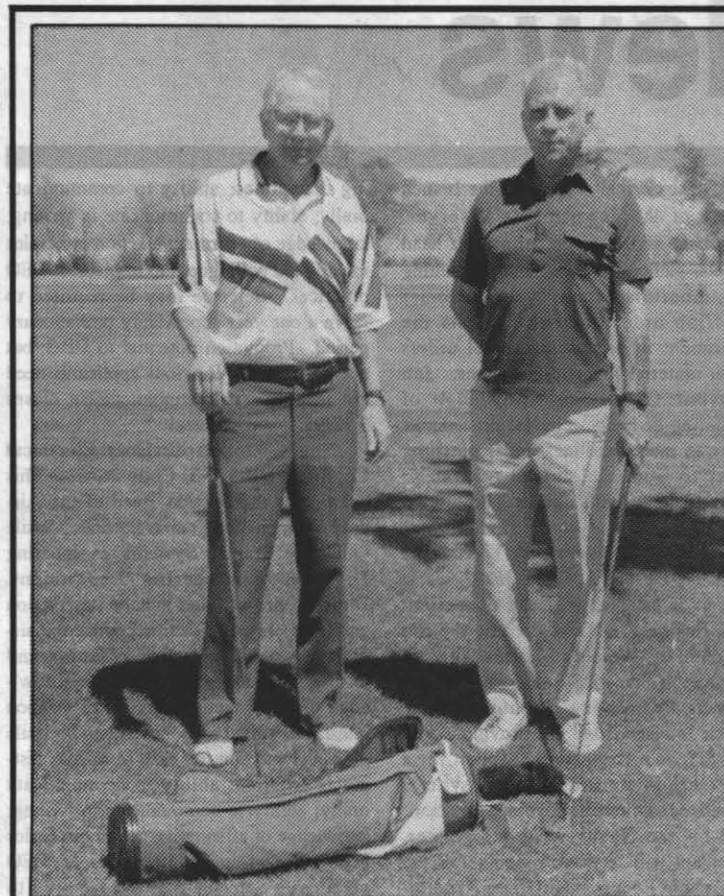
Amoxicillin "Trimox" 250 mg. #30.....	\$5.44
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NEW CHAMPIONS -- Phillip Sprankle, the new Senior Club Champion, and Ed Nelson, winner of the third flight in the China Lake Men's Club Championship tourney, pause during a practice game. Overall winner of the tourney, Rick Zeiler, wasn't available for the photograph.

Zeiler crowned champion

Rick Zeiler was crowned the China Lake Men's Club Champion when he beat Dave Cornell 3 and 2 in the final match of the club's championship tournament at the China Lake Golf Course on August 10 and 11. In other tournament action, Phillip Sprankle earned the Senior Club Champion title when he triumphed against Bobby Keen 4 and 2. In the third flight, Ed Nelson beat Gene Loving six holes up, with five to play.

The qualifying rounds were held August 3 and 4, with the four low scorers advancing to match play rounds on August 10 and 11.

Throughout the year, the China Lake Golf Club sponsors a number of golf tournaments. To find out more about these tournaments, or about the China Lake Men's Club, call the golf course at NWC ext. 2990.

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Convict Lake has largest trout

In the Big Pine area, the upper portion of Big Pine Creek continues to have the best fishing, notes the Bishop Chamber of Commerce. Salmon eggs or powerbait are recommended. The creek above Glacier Lodge, all the way to the First Falls, is also having nice results. Use powerbait or powerbait nuggets. The Owens River between Warm Springs Road and Collins Road has been producing browns for those using crickets and worms.

South Lake near Bishop has been great for boat fishing. In the Five Bridges area, fishing is best between 6 and 9 a.m. Worms are the best bait for catching rainbows. North Lake is a nice area for family fishing, and has recently been stocked with trout ranging between 1 to 1 1/4 lbs. For morning fishing, use worms or nightcrawlers and change over to a mosquito for evening hours.

Rock Creek Lake has a nice beach area children

can play on if fishing isn't a real high point. For the more serious fisherman, try trolling with lead core line about four to five colors deep and use a rainbow trout needlefish, super duper or a rapalla.

Convict Lake has to have the largest trout in the Eastern Sierra region, the Bishop Chamber of Commerce notes. For best results, use a roostertail or worms. If trolling, try a Dave Davis with a worm and go down five to seven colors.

All lakes in the Mammoth Lakes area are reporting fair fishing for those using baby nightcrawlers or worms.

Limits, lots of them, are being taken from June Lake. Try a Panther Martin, yellow and black, or a roostertail.

Remember, there are only two more months of general trout season.

Macintosh - UNIX Application Seminar

On Thursday, September 12th, 1991, Artecon, Sun Microsystems, and several Macintosh software vendors will host lunch and a MAC - UNIX Application Seminar.

Applications and Demos will include:

Interleaf

MAC ViewStation Software.

Electronic document distribution with hyperlinks and full text retrieval for Macintosh computers.

Oracle

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InterCon

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Macintosh software for connectivity to the Sun OS (Unix) environment.

Carriage Inn

Thursday, September 12th, 1991

10 A.M. to 2 P.M.

Call Jim Lyons at (619) 931-5500 Ext. 168 for Information

Tuesday's last day to register for next Hunter Safety Class

Tuesday, Sept. 10, is the last day to register for the Hunter Safety Class being offered by the Sierra Desert Gun Club. This two-day school will be conducted on Saturday and Sunday, Sept. 14 and 15 from 8 a.m. to 4 p.m.

Advance registration is required as the class is limited to 50 students. Registration will be held on Saturday, Sept. 7, from 9 a.m. to 1 p.m. and on Tuesday, Sept. 10 from 7 to 9 p.m. at the Kerr-McGee Center. A \$5 registration fee will be collected at this time.

All first-time purchasers of a California hunting license must provide proof they have received training in firearms safety, sportsmanship and game

management and conservation from a certified hunter safety instructor. Upon successful completion of this course, the student receives a validated Hunter's Safety Certificate to show the licensing agent when purchasing a California hunting license.



This class is open to all residents, over the age of 12 years, of the Indian Wells Valley, Sealles Valley and surrounding areas. It will be taught at the Sierra Desert Gun Club's rifle and pistol range and clubhouse facilities on the Naval Weapons Center, China Lake. The class involves approximately 16 hours of classroom instruction, including a one-hour written examination.

Family, friends cheer on marathoners

(Continued from Page 14)

of the All Faith Chapel were in Mammoth that weekend for a camping trip. AE1 Haynes also noted his wife, Mary, and their two children, Zechariah and Jacob, were on hand to cheer him on.

With the finish of the race, the three men can rest a little and then start preparing for Ridgecrest's Ultra-Marathon hosted by the Over the Hill Track Club. This 31-mile test of endurance will be held Dec. 7.

OTHTC annual relay race is September 19

On Sept. 19, the Over the Hill Track Club once again sponsors their annual *Rattlesnake Relay* at McBride Park. Registration starts at 4:30 p.m., with the race starting at 5:30 p.m.

This race has been an annual event since the club was formed in the early 1970s. The name was derived from the race's characteristic serpentine route and because the Sidewinder Rattlesnake is native to the area.

Teams of three runners each will race the approximately 10-mile route, with each member running a 3.3 mile loop. Total team times are adjusted according to a handicap system based on age, sex and ability.

Awards will be given the top three teams in each category. These include mixed (two females and one male or two males and one female), men, women and family (all members must be in an immediate family).

A potluck and election of officers for the 1991/92 season follows the race. The club will provide drinks, hotdogs and fixings. Each participant is asked to bring a side dish to share.

For more information about the race or the club, call Jo Kajiwarra, the club's president, at 375-1779.



IDEAS Office

There are lots of ways to submit your good IDEAS. You can use the famous IDEAS form (easily obtainable from your code, this office or the NWC phone book) - or - a plain piece of paper and send it to: IDEAS OFFICE, CODE 055. You can send your IDEA by "E" mail on the VAX at SCF::IDEAS - or - Now (courtesy of the renowned Dave Allen) you can send your IDEA on QuickMail addressed to IDEAS. Also, the IDEAS form has been put on FileMaker 4 by Code 2151 and you can get a copy by simply requesting the form and sending them a floppy disk. So submitting an IDEA is easy, just use any one of the above and send it to us! We'll take it from there.

Here are some more implemented IDEAS. IDEAS #50, submitted by Marsha Gabri (Code 3902), suggested that the Center obtain large laundry-type carts for paper recycling. "Tree" Crabtree (Code 008) thought that the idea was "right on target" and agreed to look into using hampers as one of the alternatives that the Environmental Group is looking into for recycling collection devices.

IDEAS #66 was submitted by James Horner (Code 3194) and suggested that a door in his work area with a cardkey lock should have a larger window so that people using the cardkey could be seen by those coming out the door, thus avoiding a number of close calls. Fire codes prevented installation

of larger windows but with Jay Crawford's help, the department decided there was potential for a collision and agreed to have warning signs installed.

If you have any question or need any information, we'd be glad to talk with you. You can reach the IDEAS office at NWC ext. 2311, or E mail - SCF::IDEAS, or QuickMail "IDEAS Office"

In the last week these new Ideas were submitted: No.181, Multiple Fragments, Bud Gates, 3643, (Bud suggested test engineers be allowed to determine the number of fragments required for warhead tests); No.182, Incoming Secure FAX Procedures at VTC, Judy Talbot, 001 (Judy proposed some procedures for control of classified documents FAXed to the VTC); No. 183, Fragmenting Warhead-Redesign, Michael Baker, 3644 (Michael suggests a design possibility for warhead fragments); No. 184, Road Signs on the Range, Elmo Franz, 62312 (Elmo proposes more of the range areas be identified with road signs); No. 185, Portable Computer Availability, Bruce Hornberger, 3294 (Bruce suggests more portable computers be made available for travelers); No. 186, Software Procurement Center, Wanda Church, 3207 (Wanda sees the need for to establish a centralized approach to procurement of computer software); No. 187, PC Lab, Stuart Iskowitz, 6443 (Stuart suggests changes in the way the PC lab is funded and operated).

Computer meetings this month

Unixmail and sendmail.cf will be discussed at the China Lake Sun Users Group meeting set for 11 a.m. on Tuesday, Sept. 10 at the Hideaway. For more information, call Gary Gray at NWC ext. 1922.

Sun, Apple, Interleaf and Ora-

cle integration demonstrations and seminars are set Thursday, Sept. 12, from 8 a.m. to 4 p.m. at the Carriage Inn. People interested in client-server or distributed computing shouldn't miss this event. For additional information, call Chuck Zytetz at 446-2397 or Ron Backman at NWC ext. 2078.

Community Meeting September 16 - 7:00 pm Kerr McGee Center

Representatives from community organizations, businesses, churches and individuals interested in adopting families or donating food, money or time to the

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JP /Co-op Corner

New regular feature brings items of interest to China Lake's newest employees

By Jim Alley
JP/Co-op correspondent

Welcome to the first JP/Co-op Corner. This portion of the *Rocketeer* is dedicated to announcing recent and future Junior Professionals/Administrative Junior Professionals (JP/AJP) and Cooperative Education Program (Co-op) events and highlights.

The recently held *Potluck Picnic* was "a big success," said one attendee. "I'm looking forward to the next event!" The 40 attendees enjoyed a variety of food and some rousing games of volleyball while they met new contacts and made new friends.

Plans for future events are in the making. The next luncheon meeting will be 12 noon on Sept. 12 at the Seafarer Club (in the back). Past meetings have had approximately 25 people attend. While this is a good turnout, the more JP/AJP and Co-op involvement, the better. Come to the next meeting. Reservations are not required.

Organization of the *JP/Co-op Volleyball Team* is underway. If interested, contact Patti Newberry at NWC ext. 6651. Minimal fees are involved. Dependents are welcome to join.

Anita DeGroot is organizing a *JP-Co-op Bowling Team*. Join now and help decide whether we bowl on Thursday or Friday nights. If interested, call DeGroot at NWC ext. 3493.

Anyone interested in a *camping trip or day hikes* should contact Ted Bush at NWC ext. 3383.

Bargain hunters take note! Bettye Moody, premier shopper, has tentatively scheduled a shopping trip to Barstow Outlet. Car pools will be arranged, so call her today to get on the shopping list!

Branch heads: If there is an opportunity in your branch for a JP tour, please contact Pat Backiewicz at NWC ext. 3371. As a service to both the branch heads and new JPs, a bulletin board is being constructed to match JPs with potential tours.

Don't forget the *JP/Co-op Welcome Aboard Luncheon* set for Oct. 24 at the Seafarer Club. Encourage supervisors and co-workers to attend. More updates will be forthcoming.

Anyone who would like more information about any of the topics mentioned above should contact Pat Backiewicz at NWC ext. 3371 or Lois Reed at NWC ext. 3465.

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CTS: CASI does road cuts as part of project

To facilitate the continuing installation of the outside cable plant required for the CTS, CASI will be cutting various roads on Center to lay telephone cable. During the next two to three weeks, the following roads will be cut, causing traffic to be periodically disrupted for the time required to complete the work.

•Thompson Lab area - a cut will be made on Water Road between the RCC and Pole Line road.

•CLPL area - road cuts will be made on 6th Street, west of 'D' Street; on 'D' Street at 6th Street; and on 'L' Street at 3rd Street.

•Cuts will also be made at various locations in the Main Site

area on the following roads: Hussey, Nimitz, Lauritsen, Blandy, King, Dibb, Lexington, Inyokern, Bard, Bowen, Burke, Parsons, Groves, and Hornet.

Traffic should be minimally affected in all areas. For further information please contact Nancy Guglielmo at NWC ext. 1157.



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Sports

Three China Lakers race in Mammoth marathon

Three China Lakers pitted their speed and stamina against 28 other runners as they competed in the Mammoth Mountain Trail Marathon, held on August 17. Chris Rios from the Engineering Department, AE1 Bob Haynes from VX-5 and John Anderson, who recently retired from the Naval Weapons Center, braved 90-degree heat and a 1,400-foot climb while participating in the race.

Rios finished in 15th place, with a time of 5:02:11; but was closely followed by

Haynes, who finished in 5:02:39, placing 16th. Anderson completed the run in 5:28:25, and earned a 22nd place finish.

According to Petty Officer Haynes, who took fifth place in his age division, the race's course was unusual. "Instead of climbing the first half and running downhill on the way back, we ran from 9,000 feet to 7,600 feet for the first half and had to come uphill on the way back," he explained. "Most races go the other way."

The course, which followed an old fire

trail, included a soft pumice surface and poor visibility, due to the dense forest, making the race even tougher. "Lots of marathoners didn't even participate because of the rigidity of the course," Haynes said.

Since this was only his third marathon, Haynes felt he did a good job. In 1989, he ran the L.S. Marathon and in 1990, he competed in the Big Sur Marathon. While he has been running since he was 12, AE1 Haynes noted he didn't become interested

in competing until three years ago, when he saw his brother-in-law compete in a marathon.

To train for a marathon, which is 26.2 miles, Haynes said he runs 14-15 miles a day, increasing it to 20 miles a day on the weekends. "I get up at 3:30 a.m. to do my training," he said. "That way, I beat the heat."

The three China Lakers had plenty of supporters on hand, as Protestant members

(Continued on Page 16)

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SAR: Special urban rescue training aids IWV team

Two days of intense Urban Search and Rescue training from the Los Angeles County Fire Department gave members of the Indian Wells Valley Search and Rescue Team special skills possessed by few all-volunteer rescue groups.

Nineteen IWV members, including Jerry Young, captain, and Jerry Austin, co-captain, took the class at L.A. County's Montebello training center. Also taking part was the Kern Sheriff's Department's Sgt. J. Diederich.

This specialized training includes collapsed-building rescue, support/shoring of partially collapsed walls, moving large concrete slabs, such as those encountered after an earthquake or large explosion.

With this training under their belts, the IWV SAR team can be called on for urban rescue work by area agencies, the Naval Weapons Center or the California Office of Emergency Services.

In exchange for this training, the Indian Wells Valley group provided underground training for Los Angeles groups. These skills will help in the event of subway, tunnel, sewer or aqueduct rescue efforts.

Completing the urban rescue training were, Young, Austin, Charlie Rodgers, John Paull, Ray Boss, Gerry Stoudt, Jim Baldwin, Bill Moen, Bob Wilhelm, Harry Hamilton, Dan Allen, Mark Swet, Henry Hurd, Larry Steimer, Eloy Castro, Mark Pauls, Ron Porter, Gary Hobson and Chuck Christman.

The IWV SAR Team was founded in 1963 to fulfill a need for a ground search and rescue unit in eastern Kern County. The team is also a fully capable mine rescue unit for the Kern County Sheriff's Department. Members participate in about 15 major search efforts a year, ranging from surface searches over rough terrain to contraband and body rescue efforts from wells and mines.

An approved agency for the United Way of the Indian Wells Valley, the team has a maximum of 30 members, all sworn as special sheriff's deputies for the county. Their base of operations is on board the Naval Weapons Center.



Indian Wells Valley Search and Rescue Team

Center again near small business goal

Through the third quarter of the 1991 fiscal year, the Naval Weapons Center had awarded 31.26 percent of all contracts (other than construction related) to small or disadvantaged businesses. Lois Herrington, deputy

for small business at NWC, said while the figures are good, they are slightly below previous third quarter reports.

These statistics are based on total purchase amounts and exclude orders placed under Fed-

eral Supply Schedules, educational institutions and foreign military sales.

In one key area, awards to small disadvantaged businesses, NWC was well ahead of the goal set for this year with 12.84 per-

cent of contract dollars compared to a goal of 9.5 percent.

Herrington noted the Small Business Program needed the full support of Center officials if NWC was going to meet or exceed its fiscal year goals.

New instruction limits jogging on NWC roadways

Due to a recent change to OPNAVINST 5100.12F, the Navy's Traffic Safety Program, Commands have been required to prohibit jogging on main roads and streets which have high traffic density during peak traffic hours.

The criteria used to determine the main roads and streets on which jogging would be prohibited was two-fold -- roads and streets having a traffic volume sufficiently high enough to warrant consideration, and of these, those so narrow jogging would constitute a hazard to both joggers and motorists.

Based on these criteria, personnel are prohibited from jogging on the following roads and streets during the peak traffic

hours of 6 to 8 a.m., 11 a.m. to 1 p.m. and from 3:30 to 5:30 p.m.: Inyokern Road between China Lake Boulevard and Switzer Circle, Sandquist Road between

Inyokern and Easy roads, North Knox Road between Switzer Circle and Nimitz Avenue, and Lauritsen Road between Richmond and Inyokern roads.

Questions concerning this matter can be directed to Phil Soderger at the Safety Program Office (Code 24052), NWC ext. 2002.

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RAF No. 32 Joint Trials Unit takes home memories, leaves memories

(Continued on Page 12)

Launched Anti-Radar Missile (ALARM), since no suitable range facilities existed in Europe. In November, 1989, the main body of the Royal Air Force's No. 32 Joint Trials Unit, with their families, set up homes in the surround area. By

The Air Launched Anti-Radar Missile was tested at China Lake because there were no suitable range facilities in Europe.

January, 1990, the unit had 20 uniformed RAF members, one civilian scientist and 20 British contract support personnel conducting ALARM evaluation tests using a RAF Tornado aircraft.

One of the unit's first tasks was to bring a little bit of Britain into their compound near Armitage Field. While waiting for some contract work to be done, we spent a lot of time reviewing manuals, noted Russell. To help offset the boredom, give our eyes a rest and get some exercise, we decided to make a garden to relax in," he said. Upon completion, an afternoon tea was held to dedicate the garden. Guests included Major General Sir Richard Vincent, current Chief of Defence Staff from Great Britain, and Capt. Douglas W. Cook, NWC

Commander.

Since moving into the community, the unit's members and their families have involved themselves in numerous community affairs. Russell noted the unit has raised almost \$10,000 for local charities, including the DARE Program, Ridgecrest's Women's Shelter, Richmond School's Special Education classes, Ridgecrest Hospital's Tree of Life and helped offset medical costs for Ridgecrest resident Andy Zahn, who has aplastic anemia.

"RAF units tend to raise money for charities," chuckled Russell. "Chief Tech Brian Harshaw had us involved in all sorts of events, including running from the lowest point in the United States (Badwater) to Whitney Portals, a climb of 12,600 feet." To prepare, the unit spent all summer training, Russell noted.

Charities weren't the only ways the unit helped the community. Unit and family members have involved themselves in church and school activities, Boy Scouts, Cub Scouts and local sports -- with many volunteering their time and skills in coaching and managing teams.

When asked if they have seen many sights in the United States during their time here, Russell laughed and said, "The number of places this unit has visited reads like a travel brochure. We have been from Hawaii to Acapulco to

Florida. We'll be glad to get home if only for the rest."

But before going home, many members are going to try to see even more of the United States. According to Russell, the unit is flying to the United Kingdom out of Washington, D.C. and plans to visit interesting points from here to

Washington, D.C. are already being made. Some members will be traveling in private vehicles, while others will see the sights from Amtrak's passenger trains.

What will they remember from their stay in the United States? "Mostly the weather and the people," said Russell. "This consistent

sunny weather is so very different

Unit members and their families raised money for charities and became part of the community.

from England," he explained.

"Back home, you can't plan a barbecue a day in advance. Here, you can plan one month in advance!"

Russell couldn't say enough about the people at NWC and from Ridgecrest. "Everyone has welcomed us with open arms," he said. "They have made us feel so at

home!"

If the Ridgecrest Chamber of Commerce is looking for people to promote tourism at Ridgecrest, leaders need look no further than members of the No. 32 Joint Trials Unit. "This is a great place," said Russell. It is a very central point and the perfect tourist center. A

person can enjoy the desert, mountains and ocean all in a matter of hours. It's easy driving distance for great skiing, hiking or camping.

Russell does expect an adjust-

The four children born in the United States will choose between American and Great Britain citizenship when they are 18 years old.

ment period will be needed for members and their families when the unit returns home. "We have all become used to America's relaxed lifestyle," he said. "I'm not even sure I remember how to button my top shirt button anymore."

The Britons aren't leaving with just new friends, memories and souvenirs. They will be returning home with four new United States citizens -- babies born in the United States while their parents were stationed here. The babies will retain their United States and British citizenships until they are 18, when they have to decide which citizenship they would prefer.

While visiting units come and go at the Naval Weapons Center, No. 32 Joint Trials Unit has left its mark and will surely be remembered with fondness.



ALL FOR ONE, ONE FOR ALL -- The Royal Air Force's Unit 32 Joint Trials Unit, comprised of 20 uniformed Royal Air Force members, one civilian scientist and 20 British contract support personnel, have been testing Great Britain's Air Launched Anti-

Radar Missile for the last two years. The missile was tested from the British Tornado aircraft, under the direction of Wing Commander Mike Russell.

Photos Courtesy No. 32 JTU



WE CLAIM THIS PIECE OF ROCK -- During their time at the Naval Weapons Center, members of No. 32 Joint Trials Unit did what many local residents haven't done... they climbed Mt. Whitney. In other activities, members of the unit and their families traveled extensively.



THERE'S NO PLACE LIKE HOME -- With the area so different from their homeland, unit members brought a little bit of Great Britain to the desert. During the dedication ceremonies, Capt. Douglas W. Cook, NWC Commander, and Wing Commander Mike Russell, RAF, listen to Major General Sir Richard Vincent, Great Britain's current Chief of Defence Staff.

DARE CARD -- During their stay in the United States, members of No. 32 Joint Trials Unit have been big supporters of the DARE Program. Members of DARE asked the unit if they would pose in front of the British Tornado aircraft for a picture, which later became one of DARE's trading cards.

