

Festival of the Arts is tomorrow

Come out to the Desert Empire Fairgrounds tomorrow for the annual Festival of the Arts, sponsored by the High Desert Council for the Arts (HDCA).

An arts festival is much more than paintings and handicrafts; it's dancing, drama and music, too. Experience the displays, exhibits and live entertainment from 10 a.m. to 6 p.m.

in Joshua Hall.

The following groups will perform on stage: China Lake Desert Dancers (10:30 a.m.), CLOTA "clip" from *Sir Simon* (11 a.m.), Sweet Adelines (11:30 a.m.), Ken Robinson's Dixieland Band (noon), Sierra Academy of Dance (2 p.m.), Suzuki kids (2:30 p.m.), Burroughs High School Orchestra (3 p.m.) and the Barber-

shop Quartet (4 p.m.).

Various arts organizations are sponsoring information booths for the curious. Some of the works displayed by local artists, including paintings, fabric art, jewelry, stained glass, and pottery, will be for sale. Mimes and clowns with balloons will be strolling the festival, so bring the children.



Houchin Blood Bank's mobile unit is visiting Ridgecrest on Tuesday, April 11, from 1-6 p.m.

Donors are advised to eat a meal three to five hours prior to showing up at the Elks Lodge, 201 E. Church St.

Dorothy Jackson, IWW chairperson, urges donors who wish their donations credited to a specific account to contact her immediately following their donation. She can be reached at 375-2059.

A meeting of the "Up with Ridgecrest" (Clean Up, Fix Up, Paint Up!) committee is set for Friday, April 7, at 6:30 p.m. Concerned citizens who show up at City Hall can contribute to final plans for "Clean Up" day, scheduled for April 15. For further information, call Alice Hirsch at 375-2107.

Chapter 2274 of the American Association of Retired Persons will hold its next meeting on Sunday, April 9, at 1 p.m. The potluck meeting will be held at the Ridgecrest Senior Center, located at 25 S. Warner St, Ridgecrest. "Slim" McWilliams, of the Community First Bank, will speak on *Making Your Bucks Go Further*.

During the business portion of the meeting, there will be a final shaping up of plans for the A.A.R.P. dance, which will be held April 15.

People 50 years of age and over are eligible to join A.A.R.P. Retirement is not an eligibility factor.

Ever dream of spending time on a tropical island? Consider trying out for a part in the CLOTA production of the musical with the exotic name, *South Pacific*. Director Nancy Miller Guy will hold auditions April 10, 11, and 12 at 6:30 p.m. at the CLOTA building, 1425 N. Inyo. Prospective natives and sailors should be prepared to sing, dance and read from the script. Rehearsals for the mid June production begin the week after tryouts.

On April 14-16, the Maturango Museum will host the 13th annual Spring Wildflower Show in the Sylvia Winslow Exhibit Gallery. Exhibit hours are from noon to 5 p.m. on Friday, April 14, and from 10 a.m. until 5 p.m. on Saturday and Sunday, April 15-16. Museum officials hope to display more than 100 identified and labeled species of spring blooms from the desert trees, shrubs and wildflowers of the Indian Wells Valley and the surrounding hills, canyons and mountains.

Doll class is planned

Mary Burchett will teach a Porcelain Doll Class beginning Saturday, April 22, from 10 a.m. to 4 p.m. The class will continue on the following two Tuesdays and Thursdays (April 25 & 27 and May 2 & 4) from 5 to 8 p.m. Students must be prepared to attend all five sessions in order to complete the doll.

Deadline for registration and selection of a doll is Friday, April 14 at 8 p.m.

For further information, please call Carol, CRAFTTECH manager, at NWC ext. 3252.



	Max	Min	Gusts
Thurs.	87	46	17 knots
Fri.	91	48	27 knots
Sat.	84	64	24 knots
Sun.	90	52	26 knots
Mon.	89	52	16 knots
Tues.	92	49	13 knots
Wed.	95	51	11 knots

All measurements are made at Armitage Airfield.

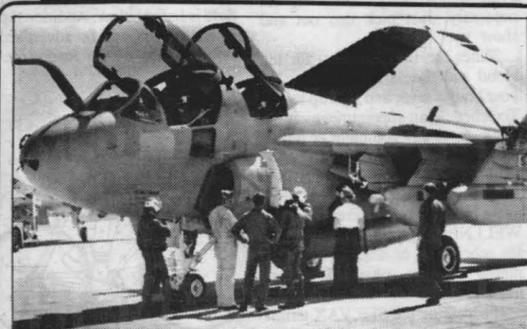
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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 14/April 7, 1989



PROUD ADDITION-A group of Vampires inspect the new EA-6B flown to VX-5 last Thursday. The plane is the newest model of the EA-6B, a Block 86 production. (Story and additional photo on page 3) Photo by PHAA Gary Brady.

"Geothermal works!" Navy initiative led to energy source

By Peggy Shoaf

"At this moment, the Navy One power plants are delivering to Southern California Edison power grids some of the cleanest, most reliable energy there is, geothermal," said Charles Condy, chairman of the California Energy Company Board. Condy was one of the guest speakers at the ribbon cutting ceremonies for the second and third turbines at Plant One, Coso Geothermal Development on Friday, March 31.

The guest speaker, the Honorable Everett Pyatt, Assistant Secretary of the Navy (Shipbuilding and Logistics), thanked the Civil Engineer Corps for their part in the success of the project. "About 10

ribbon opening the power plant in November that same year. In March 1988, just a year ago, we held ground breaking ceremonies for the second and third units of Plant One. Things have moved fast this past year."

Dr. Carl Austin, head, Geothermal Program Office, Public Works Department, spoke not only of the success of Navy One, but of geological benefits working the site has produced. "Getting to Navy One has changed forever the understanding of the geology of this region," he said. "What we have learned about how these hills and mountains...will allow us to totally reevaluate what is here in the

"The Navy's grand experiment of multiple use of the Naval Weapons Center has succeeded."

years ago, a member of that corps laid out a plan on how we were going to proceed. We laid out the plan of private investment and we laid out a plan on going to Congress to get them to agree to it," he said. "It's a pleasure to see this plan come into effect through the work of a lot of people in the federal, state and private sector.

"Today we celebrate the second increment of the Geothermal Power Development," remarked Capt. Ken Kelly, Public Works officer. "We began producing power from Plant One in July 1987. We cut the

Technical expertise recognized

Simlab work earns honors

Earning credit for developing a "World-Class Simulation Lab," three China Lakers each received a Technical Director's Award last week from Gerry Schiefer, Technical Director, NWC.

Bob Ferguson, Dr. B.J. Holden and Jim Annos were recognized for their outstanding contributions to the growth and development of the Simulation Laboratory (Simlab) over the last 17 years.

"Their technical expertise has ensured that the Simlab remains in the forefront of technology while serving the simulation needs of the Center's major missile programs," said D.G. Bullard, department head, Intercept Weapons Department. Bullard nominated the three for the award.

"Many of our VIP visitors tour the Simlab during their briefings," said Schiefer, "and they are always impressed with the capabilities of this state-of-the-art facility. You three are prime examples of the quality of scientists and engineers at NWC. We're proud of you and thank you."

The Simlab concept was begun in the 1950's when time simulation resources were provided in what was then called the Analog Laboratory. During the next three decades, the tube analog computers were gradually replaced with solid state and a hybrid computer capability was introduced.

The three honorees helped the Simlab grow to become the Navy's state-of-the-art simulation laborat-

ory providing valuable assistance and support to many of the Center's missile programs.

The Simlab provides computer and hardware-in-the-loop (HWIL) facilities for conducting real-time simulation and analysis of missile programs. It has increased the reliability, accuracy and cost-effectiveness of many weapons systems released to the Fleet.

Today, the Simlab consists of a central computer laboratory which services five independent HWIL facilities: two anechoic chambers; an Image Processing Facility; and two additional flight tables.

Ferguson began work in the Simlab in 1972. In addition to many other developments, he was the lead

(Continued on Page 8)



A PROUD MOMENT—The second and third turbines at Plant One, Coso Geothermal Development, were officially dedicated at the ribbon cutting ceremonies held Friday. Officials participating at the ribbon cutting were (from left to right) Gerry Schiefer, NWC Technical Director; the Honorable Charles Umbrecht, California Energy Commission chairman; Charles Condy, chairman of the California Energy Company Board; the Honorable Everett Pyatt, Assistant Secretary of the Navy (Shipbuilding and Logistics); Capt. John Burt, NWC Commander; Dr. Carl Austin, head, Geothermal Program Office; and Capt. Ken Kelley, Public Works officer. Photo by PHAA Gary Brady.



NWC's Wellness Corner

Blood cholesterol levels explained

Cholesterol is a type of lipid (fat) found circulating in your blood. It is a component of every cell membrane in your body as well as many of your hormones. Your body requires approximately 2,000 mg of cholesterol each day.

If not obtained from dietary sources, your body will synthesize what it needs. Current research indicates that an elevated serum cholesterol is one of the major risk factors for coronary heart disease. Fortunately, in most individuals, a 25 percent reduction in serum (blood) cholesterol can reduce your risk of heart disease by 50 percent.

Desirable levels for total serum cholesterol should be below 200 mg/dl. Borderline high levels are between 200-240 mg/dl. Your serum cholesterol is considered high if it is over 240 mg/dl.

Serum cholesterol measurements are not always reliable. A borderline or high value or, for that matter, a very low one if it comes a surprise, should usually be confirmed with a second measurement.

If your serum cholesterol is borderline or higher, the next step is to determine your lipoprotein analysis. There are two important subtypes of cholesterol in your blood. These subtypes, high density lipoproteins

(HDL) and low density lipoproteins (LDL) will be discussed in future issues of the *Rocketeer*.

If your total cholesterol is in the desirable range, it is recommended that blood cholesterol be checked again within five years, sooner if there is a change in diet or dramatic weight gain. You would do well to maintain low-cholesterol habits to prevent subsequent rise in blood cholesterol.

If your total cholesterol is borderline and your risk level is low (total cholesterol/HDL), learn to recognize and reduce sources of saturated fat in your diet. Have your cholesterol level measured again in a year and then every one to two years.

If your total cholesterol is borderline and your risk level is high, look at your LDL level. If your LDL-cholesterol is over 130, begin dietary treatment. If your LDL-cholesterol is over 160, see your physician and consider drug therapy. The goal is an LDL-cholesterol level below 130.

If your total cholesterol is high, but your risk level is low, look at your LDL level. If your LDL-cholesterol is over 160, begin dietary treatment to lower it. If your LDL-cholesterol is over 190, see your physician and consider drug therapy as well. The goal in this situation is

an LDL-cholesterol level below 160.

If your cholesterol and risk level are both high, again look at your LDL level. If your LDL-cholesterol is over 130, begin dietary treatment to lower it. If your LDL-cholesterol is over 160, see your physician and consider drug therapy as well. The goal is an LDL-cholesterol level below 130.

The good news is that there are a variety of moderate changes in one's lifestyle that can be made which will decrease one's serum cholesterol level. These will be outlined in next week's issue of the *Rocketeer*.

Submitted by Pam Harris
Wellness Program

Wellness assessments are available—free of charge

Briefings are not mandatory. They are only for those individuals who did not attend one last year and wish to know specifically what the blood and fitness assessments will evaluate. Appointments are not necessary. Just pick one out and show up.

Times are filling up fast for the blood and fitness assessments. Do your body a favor and sign up today. To schedule an appointment via the VAX, go to any computer or terminal that will connect to the SEFVAX (SEFF, SEFB, SEFC). An account number is not needed. When "user name" appears on the screen, type in WELLNESS. Options will appear for scheduling or deleting appointments for the physical fitness assessments.

If accessing the SEF VAX termi-

nal is not possible, call NWC ext. 3162.

If you need assistance in interpreting your LIFE status report, come to a post brief. A partial post brief schedule is listed below. Additional post brief sessions will be advertised in future issues of the *Rocketeer*.



Dates, times and locations for Briefings

Apr. 11 1 p.m. Michelson Lab (Rm. 1000D)
Apr. 12 1 p.m. Michelson Lab (Rm. 1000D)

Dates and locations for blood draws

Apr. 7 Main Site — Branch Medical Clinic
Apr. 11 Engineering Lab (Conference Rm.)
Apr. 12 Engineering Lab (Conference Rm.)

Apr. 13 Lauritsen Lab (Conference Rm)
Apr. 14 Mich Lab (Conference Rm "d")
Apr. 18 Mich Lab (Conference Rm "d")
Apr. 19 Mich Lab (Conference Rm "d")
Apr. 20 Mich Lab (Conference Rm "d")
Apr. 21 Mich Lab (Conference Rm "d")

Post Brief Schedule

April 11 — IOB Conference Room, 3 p.m.
April 13 — Airfield (Hangar 3 Pilot's Lounge), 10 a.m.
April 14 — Thompson Lab, 1 p.m.
April 17 — RCC Conference Room, 10 a.m.

Schedule for Second Annual Physical Fitness Assessment

IOB	April 10	Conference Room
Airfield	April 11	Hangar 3 (Pilot's Lounge)
Airfield	April 12	Hangar 3 (Pilot's Lounge)
Thompson	April 13	Data Reduction Facility
RCC	April 14	Conference Room
PW	April 17	A/C Shop Lunch Room
CLPL	April 18	Building 115
EWTES	April 19	Fire Station
Main Site	April 20	Officers' Mess
Main Site	April 21	Officers' Mess
Michelson	April 24	Room 1000J
Michelson	April 25	Room 1000J
Michelson	April 26	Room 1000J
Michelson	April 27	Room 1000J
Michelson	April 28	Room 1000J
Michelson	May 1	Room 1000J
Michelson	May 2	Room 1000J
High Risk Testing	May 8-12	Branch Medical Clinic



NWC Rocketeer

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NWC Commander — CAPT. JOHN BURT Editor — STEVE BOSTER
Technical Director — GERALD SCHIEFER Associate Editor — KAREN EVERETT, APR
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(Acting) Staff Photographer — PHAA CARY K. BRADY

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ADMIRAL BIRD—flew in to personally congratulate winners of the Easter Coloring Contest, sponsored by the MWR Publicity Office. Proud winners display their ribbons and prizes (left to right): Cindy Quon, Marianne Carlsen, Becky Cornell, Evan White, Natalie Carlsen, Dirk Spoons, Briana Baca, and Leah Parrent. Missing from the picture was Matthew Moreno, first place winner in his age category. Photo by PHAA Cary Brady

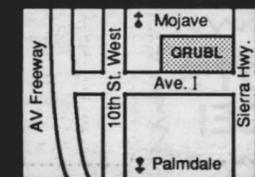
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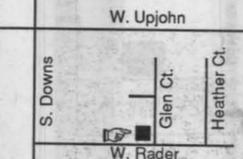
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481 RV Rental

5TH WHEEL 1983 Alfa Gold 35ft. Completely self-contained, too many extras to list \$15,800. 377-5244 after 4 p.m.

485 Autos for Sale

CHEVROLET 1984 Cavalier, new tires, excellent condition, am/fm cassette radio, \$3,200. 375-3611.

485 Autos For Sale

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PONTIAC 1986 T-1000, 4 door, hatchback, automatic transmission, power steering, air conditioning, roof rack, low miles, top condition (similar to a Chevette), \$3,900. 446-2407.

489 Trucks and Vans

FORD 1987 Ranger XLT Super Cab. Brahma top, carpet kit, A/C, P/S, AM/FM/Cassette asking \$8700. Call eves, 446-2004 ask for Dennis

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Two retire from U.S. Navy Commander Jerry Reece



While crediting NWC's excellent safety record to Cdr. Jerry Reece's leadership as head, Airfield Operations, for the last two years, Capt. John Burt, Commander, Naval Weapons Center, transferred Cdr. Reece to the retired list last Friday.

During the retirement ceremony, Capt. Burt presented Cdr. Reece with a Navy Commendation Medal for his demonstrated leadership and performance at NWC. "Your superb and untiring effort in airfield management and aircraft operations has garnered the CNO Safety Award and two NAVAIR safety awards, a first for NWC," said Capt. Burt.

Sherryn Reece received a bouquet of roses and letter of appreciation for her support and service during her husband's Navy career.

According to Cdr. Reece, he has enjoyed his China Lake tour and challenged all those present at the ceremony to "take advantage of the tremendous opportunities present at NWC." He called his tour educational and especially credited the Center's ability to merge the Research, Development, Test and Evaluation mission with the needs of the Navy.

His 20 years of Navy service began in 1969 at Great Lakes Boot Camp. He attended Avionics 'A' school before serving three years with VA-42 at NAS Oceana and completing his Bachelor's degree.

During his next educational opportunity at Advanced Avionics School in Millington, Tennessee, he met his wife, Sherryn. The Reeces' next tour was to the Officer Candidate School, after which he finished

Senior Chief Edward Smith

After receiving a Navy Commendation Medal, Senior Chief Petty Officer Edward Smith retired from the U.S. Navy after almost 30 years in a traditional retirement ceremony at Air Test Evaluation Squadron Five last Friday.

"You represent the finest of the Navy team," said Capt. Eric Vanderpoel, commanding officer, VX-5. Capt. Vanderpoel explained that he was particularly proud to preside over Senior Chief Smith's retirement as they had previously served together at Lemoore, Ca. with VA-147.

After discussing his service record, Capt. Vanderpoel presented him with an encased flag which had flown over the USS Arizona in Pearl Harbor in February. The case, which also contained his Navy medals, may have to be enlarged as he received a Navy Commendation Medal during his ceremony for meritorious services while at VX-5.

His wife, Ginger, received a letter of appreciation and a bouquet of flowers for her 30 years of support. Senior Chief Smith began his Navy career in February 1960 in San Diego. He retired last Friday as an Aviation Electronics Technician Senior Chief. His active Naval service has

included tours at Naval Air Technical Training Center in Memphis, TN; Fleet Logistics Support Squadron 21 in Barbers Point, HI; AIMD in Sanford, FL; Fleet Reconnaissance Squadron 3 in Agana, Guam; Training Squadron 9 in Meridian, MS; Training Squadron 19 in Meridian; AIMD in Meridian; Helicopter Anti-Submarine Squadron 9 in Jacksonville, FL; Training Squadron 26 in Beaverville, TX; VA-147 in Lemoore, Ca.

operations against Lebanon (long range night attack using Air Force tankers with a dawn aircraft carrier recovery).

He has held the position of head, Airfield Operations since July 1986. In addition to this post, he filled the roles of an A-6 pilot and QF-86 pilot. Cdr. Reece has earned the following decorations during his Navy career: Good Conduct Medal, Meritorious Unit Commendations (3), Naval Unit Commendations and Battle "E," Sea Service, Vietnam Service Ribbon, and Sharpshooter Award.

Cdr. Reece earned his Master's degree in Administration. A tour aboard the Mayport-based USS Saratoga in Strike Operations was the next step in his Navy career. For the next three years, he was an A-6 flight instructor in Oceana. A sea tour out of Oceana with VA-65 followed.

During his VA-65 tour, he served as the Division Lead and alternate Strike Lead for early contingency



ON HIS WAY-Senior Chief Petty Officer Edward Smith steps towards retirement at a recent ceremony at Air Test and Evaluation Squadron Five. Photo by PHAA Cary Brady.

and VX-5 in China Lake, CA. During the course of his service to his country, he received the following medals: Navy Achievement Medal, Good Conduct Medal (six awards), Meritorious Unit Commendations Medal (two awards), National Defense Medal and Sea Service Ribbon (two awards). Senior Chief Ed Smith and his wife, Ginger, are remaining in the Ridgecrest area after his retirement.



The Skipper Sez...

QUESTION

Captain, I recently read in *California Smoker*, a publication sent to smokers who want it, that "Smokers triumphed when the Department of Defense dropped a plan to raise the price of cigarettes in military exchanges and to remove cigarettes from the shelves of base commissaries. This plan had been scheduled to go into effect Jan. 1, but military smokers and non-smokers alike attacked the proposal as a cut in guaranteed benefits." The price of cigarettes at our Navy Exchange, however, has been raised twice in the last three or four months. Jan. 1 was the date they were also raised. Any comments?

ANSWER

The goal of the Navy Resale System is to provide retail merchandise and services to the authorized customer at the lowest practicable price. The decision to increase prices in a Navy Exchange is never an easy one. Many factors are considered, the most important being manufacturer's cost and local pricing conditions. To remain competitive in the local marketplace, the retail price of cigarettes was increased throughout the entire San Diego Region Navy Exchanges. This increase has allowed the Navy Resale System to generate a higher profit margin in support of Navy Morale, Welfare and Recreation programs and at the same time provide a comparable savings of 25 percent to the customer.

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. John Burt. 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 three or four questions can be answered in the *Rocketeer* each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

Prowler presence rounds out VX-5 tactical aircraft

'Prowler Presence' has been added to the assets at Air Test and Evaluation Squadron Five, making a complete set of tactical aircraft.

The EA-6B aircraft was flown to China Lake last Thursday from Whidbey Island Naval Air Station where it was completing its fleet acceptance tests.

The crew (Lt. Ken Enriquez, Lt. Scott McLellan and Lt. Bill Martin) was greeted at VX-5 by a welcoming committee. Capt. Joe Dauplaise, USMC, praised the decision to add



PROWLER PRESENCE-Lt. Ken Enriquez, Lt. Scott McLellan and Lt. Bill Martin (l to r) bring a new EA-6B plane to Air Test and Evaluation Squadron Five. Capt. Joe Dauplaise and Chief George Dahms were part of the committee gathered to officially welcome the newest addition to VX-5's collection of tactical aircraft.



Chapel
at
Central

★ ★ ★ ★ ★
Security's annual brief is innovative

Attendees at the upcoming Annual Security Refresher should find this year's presentation "refreshing". Judy Yates, of the Computer Security Office, enlisted the talents of the Technical Information Department (TID) to create an audio/video event focusing on current computer security issues at NWC.

To assure technical soundness, Kay Blackston, TEMPEST Control Officer, and Rose Benjes, Computer Security Specialist, contributed their expertise.

The TID Presentations Development Branch, led by Elena Vitale, has prepared a videotape, using a six-projector multiplexor. This machine takes images from six slide projectors, displayed individually or in combination, and records them on one videotape. "The process simplifies projection requirements while giving the unique effects of a multi-projected presentation," Vitale related. "The final product is quick-paced and holds your attention."

With no prior computer security background, branch employee Tom Lehmann built the presentation step by step. He started off with a script provided by Yates. Assisted by Bob Timmermans II (on detail to the branch), he designed story boards depicting the messages to be related. Using photographs and graphics, the pictureboards became slides, which when projected individually or in combination, became "frames" for the final videotape. Lehmann used a specialized computer to coordinate the timing and overlap of the frames into a smooth-flowing presentation. Narration for the video was provided by Nick Curran, TID Head of Staff. As Yates enthusiastically remarked, "They (TID) took 'something' and made it 'SOMETHING'."

Both Capt. John Burt, NWC commander, and Gerry Schiefer, Technical Director, added their personal support by appearing in the 45-minute video, which covers local and national threats and vulnerabilities.

Yates, in holding to the belief that "security is to enhance productivity, not impede it", promises an informative, to-the-point, one-hour presentation.

John Hammonds, Security Education Coordinator, will provide opening comments and briefly discuss traditional security issues. He will then turn the presentation over to Yates, who will introduce the computer security portion.

All NWC employees with access to classified information are required to attend one of the briefings, to be held on April 10, 12, 14, 19 and 20. Two presentations daily will be offered at 10 a.m. and 3 p.m. at the station theater. Special presentations are scheduled for EWTES employees.



A NEW LOOK—was given to this year's Security Refresher by TID's Presentations Development Branch. Tom Lehmann sits in the branch's video control room putting final touches on the computer security presentation. Photo by PHAA Cary Brady



Divine Services

Protestant	
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1, 2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowship, Annex 4, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	12:00 p.m.
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4	10:30 a.m.
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4)	9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4)	1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain Claude R. Beede, LT, CHC, USNR
Chaplain G. E. Williams, LT, CHC, USNR
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"It's 8 p.m. Do you know where your parents are?"

"Familiarity breeds contempt," so the saying goes. The point of the axiom is, of course, that in many instances, the greater the knowledge we have of someone, the more likely we are to discover in his or her character things which we dislike. There is truth in this. Analyze, if you will, any relationship that has existed over a long period of time, and either party concerned can recite, if asked, a list of characteristics and habits of the other that he or she would delight in changing.

"Familiarity," however, can breed "apathy," a far worse result than contempt and one which can bring disastrous consequences to any relationship if it is not detected and checked immediately, be it the relationship between friends, married couples, parents and children, or simply those with whom we interact in the course of daily life. Each of us, in our own way, has dealt with the apathetic person at some point in our lives: he or she manifests a rather disturbing lack of concern about everything in general, more often about those things that should normally elicit some kind of response when heard or seen or experienced.

Individuals suffering from "apathy" show an unnerving lack of enthusiasm, a cool detachment that can be extremely discouraging to others who quite naturally expect more from their interaction with them. Case in question here: the "apathetic parent." My own experience as clergyman can attest to the presence of these unfortunate souls in our world today, and even more to the sad results of their existence within society's fundamental unit. Perhaps, in the long run, there is nothing more damaging to a child than to encounter on a steady basis an apathetic parent whose familiarity with him has resulted in a chilly,

confusing disinterest. The havoc that such an attitude can wreak on a family is staggering: normal, supportive, healthy relationships are notably absent, and members function with-

in the home as semi-independent persons more interested in survival than in cooperation. Worse yet is the situation in which both parents manifest an apathetic attitude.

I do not mean to imply that there are no circumstances in which a parent should put off a child: when the phone rings, the doorbell sounds, the pot on the stove overboils, and the cat is scaling the curtains—all at the same time—the normal request of a child should be reserved for more peaceful moments. I have, however, witnessed instances in which the disinterest of parents is not simply a passing occurrence, but rather a sustained, steady attitude that has taken its toll on attention-starved children. "Mommy never pays attention to me," or "daddy never has any time for me anymore," can be statements that signal a potential problem.

Apathy can be found everywhere. Indeed, it may well be something that the Christian must take steps to combat not only in others, but in himself. It is good to take a moment to think about it. It can indicate a more profound attitude, perhaps with regard to our faith and how we live it. The Book of Revelation tells us that on the last day, the Lord might very well have occasion to say: "I know your deeds; I know you are neither hot nor cold. How I wish you were one or the other—hot or cold! But because you are lukewarm, neither hot nor cold, I will spew you out of my mouth." (Rev. 3:15-16). I, for one, do not want to hear Him say that!

By LCdr. S.A. Casimano, CHC, USN
Command Chaplain

Christian rock band to perform at solar park

Darrell Mansfield and his Christian Rock Band will be performing live at Solar Park (next to the Enlisted Mess) on Friday, April 21. The concert is being sponsored by the Protestant Congregation of the All Faith Chapel.

Military personnel are invited to attend the performance as guests. Non-military personnel are asked to bring a package of hot dogs and buns to offset expenses.

It is recommended that people coming to the performance should bring a blanket or lawn chair for their comfort.

For further information, call Eleanor Hartwig at NWC ext. 2873.

Hot dogs and beverages will be served at 6 p.m., with the music starting at 7 p.m.

U.S. SAVINGS BONDS
THE GREAT AMERICAN INVESTMENT

373 Lots and Acreage

2 1/2 ACRES near College. Fairly new double wide mobile home. On natural gas & city water. Land can be split into 4 parcels. Exceptionally nice mobile home features: drywall construction, double pane windows, three bedrooms, two baths, dream kitchen, family, dining & laundry rooms. All this for \$63,950. 446-4810

E. RIDGECREST BLVD & Lumill Street - 3 parcels for sale. All offer owner financing. Terms. Some utilities in. Parcel 1 - 4.376 acres, zoned CS, corner lot, \$155,000. Parcel 2 - 4.736 acres, zoned CA, \$145,000. Parcel 3 - 6.5 acres, zoned RM3, \$125,000. *Help-U-Sell RE. 371-1005*

HAZEN STREET - 5 acres north of Inyokern, water close, close to paved road. \$10,000. *Help-U-Sell RE. 371-1005*

LUMILL STREET - 4 lots for sale, utilities in, ready to build. All zoned for multiple family residential. All offers owner financing, easy terms. Lot 1 - sq. ft. - 8,064, price \$13,950. Lot 2 - sq. ft. - 12,726, price \$17,950. Lot 3 - sq. ft. - 9,610, price \$11,950. Lot 4 - 5.59 acres, price \$125,000. *Help-U-Sell RE. 371-1005*

MERCURY STREET - Two 2.5 acre parcels in Inyokern, 1/2 interest in well, electricity in, phone service near. \$15,500 each. *Help-U-Sell RE. 371-1005*

RICHMOND ROAD at Church Street (North side) - 4 parcels for sale. All utilities in, terms and owner financing available on all parcels. Parcels 1, 2 & 3 - each of these parcels is 17,250 sq. ft., each is priced at \$35,000. Parcel 4 - 17,250 corner lot, \$45,000. *Help-U-Sell RE. 371-1005*

RICHMOND ROAD at Church Street/southside - 4 parcels for sale. Utilities in, owner financing available on all. Zoned for general commercial. Directly outside back gate of NWC China Lake. Parcel 1 - 84,480 sq. ft., corner lot, \$120,000. Parcel 2 - 102,225 sq. ft., \$120,000. Parcel 3 - 89,317 sq. ft., \$11,500. Parcel 4 - 170,359 sq. ft., \$205,000. *Help-U-Sell RE. 371-1005*

S. CHINA LAKE BLVD at Parkview - 2 lots, frontage on busy main street, prime commercial land. 2 lots, total sq. ft., 29,250. All utilities, zoned general commercial. \$270,000. *Help-U-Sell RE. 371-1005*

S. CHINA LAKE BLVD. - 4 acres of prime commercial acreage, zoned general commercial, all utilities in. Located adjacent to the new Naval Weapons Center Credit Union now under construction. \$650,000. *Help-U-Sell RE. 371-1005*

SYDNOR AT LEROY - Two 1 acre parcels, water close, each parcel is priced at \$4,500. *Help-U-Sell RE. 371-1005*

WEST OF INYOKERN - 4 parcels for sale, each is 2.5 acres. Zoned for mobiles or home. All utilities to each parcel. Very nice view. \$17,500/parcel. *Help-U-Sell RE. 371-1005*

377 Homes for Sale

GREEN ACRES Townhome Trio! Beautiful condition, one 2 BR, two 3 BR, dbl. garages w/openers, built-in appliances, full association privileges. Move in on credit approval! Priced from \$59,750. *Help-U-Sell RE. 371-1005.

WILLING TO NEGOTIATE! Flexible financing! 1440 sq. ft. 3 bedroom, 2 bath, double car garage, fenced yard, landscaped, automatic sprinklers, refrigeration, evaporation ceiling fans, fireplace, laundry room, new carpets & mini-blinds, \$79,500. Call 375-7482 evenings.

381 Condos for Sale

DEETER CONDO, 1 story, 2 bedroom, 1 1/2 bath. F.P., enclosed patio, double car garage, pool, \$63,500. 446-6228.

385 Mobile Homes For Sale

1976 Fleetwood 12x62 mobile home. Three bedroom, 1 1/2 baths, carpets, drapes, refrigerator, stove, air conditioner, and a foamed roof. Asking \$12,000. (805) 949-1479.

389 Business Prop. for Sale

212 S. GOLD CANYON - Duplex in like new condition. Each 2BR, 1BA unit includes a large yard, patio, fireplace, 2 car garages, mini-blinds, washer/dryer hook-ups. Assumable adjustable loan. \$89,900. *Help-U-Sell RE. 371-1005*

212 S. RICHMOND RD - 6000 sq. ft. of office space, zoned general commercial, \$395,000. Owner financing available, terms. *Help-U-Sell RE. 371-1005*

833-835 N. SANDERS - Great downtown location for a 4-plex. 2BR units and carports. Good monthly income. \$152,500. *Help-U-Sell RE. 371-1005*

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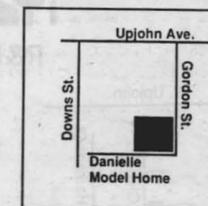


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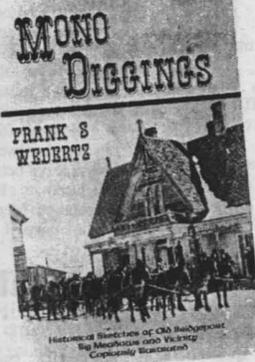
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CLASSIFIEDS

MONO DIGGINGS

by
Frank S. Wedertz



Historical Sketches of Old Bridgeport
Big Meadows and Vicinity
Copiously Illustrated

A comprehensive account of Mono County's settlement, early mining districts, cattle and sheep business, law and lawless, newspapers, roads, hotels, toll stations, saloons, resorts, and pioneers. The appendix contains a "Directory of Residents of 1861," a list of names in their original spellings before they were Americanized.

The book is profusely illustrated with historic photos plus pen and ink sketches by Lee Symonds, and packed with details that will interest the casual reader as well as the historian.

Only an author from a pioneer Mono County family could have gathered such a wealth of photos and information. Frank Wedertz was born in 1939, graduated from San Francisco State in 1963, summered in Bridgeport, and taught English at Arvin High School.

Available at Chalfant Press and local bookstores for \$12.95 or use coupon below. 245 pages; 5 1/4" x 8 1/4"; paperback, \$16.04 including tax and postage.

Mail to: Chalfant Press, P.O. Box 787, Bishop, CA 93514
Please send _____ copies of MONO DIGGINGS

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Provides entertainment for:

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And much more! For more info call Pat at 375-3185 or 375-8809.

333 Help Wanted

\$300 A DAY taking phone orders, people call you. (619) 446-7284 Ext. L1

DESIGN DRAFTSMAN, part time, experienced in Plans and Profiles, Land Survey Calculations, Field Note Reduction, Ink on Mylar, Eagle Eye Surveying, 375-4361

NAVY EXCHANGE is now accepting applications for licensed Dispensing Opticians Aides. Applications will be accepted Monday-Friday, 10 a.m. - 3 p.m. Apply at NWC China Lake Building 18. No phone calls please. Equal Opportunity Employer.

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Part Time/Up to \$35 per hour

Flexible hours. Growth potential in developing program. Call Brent Schneider, Administrator at (619) 446-3591.

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353 Miscellaneous For Sale

1980 SUZUKI GS750L (needs stator), 13,000 original miles, \$500, or best offer; Nolan helmet, \$45; \$25 w/motorcycle; second chance west, \$45; twin bed, \$30 (mattress & box spring); new swag lamp, \$25; brass lamp, \$10; 150 records \$1-\$2.50 each; Goodyear tire, P225/70R15, \$8. Call 375-3185.

20FT SAILBOAT trailer, sleeps 4, 4 hp motor, swing keel, 375-4342 \$2,700.

40 GALLON electric water heater, like new! Only \$75. 375-3185 or 375-8809 ask for Pat.

AVON - to buy or sell, call Debbie at 375-1138.

BED LINER for a Mazda truck; 2 Z-28 Camaro rims; concord car stereo and assorted camping gear. 446-2058 after 5 p.m.

CAROL WILCHER'S original wall hangings, pillows, etc. Saturday April 8, Joshua Hall, Fairgrounds.

SCIENCE DIET bargain at Brown Road Hay & Grain. 40lb. Canine Maintenance \$27.90, 40lb. Canine Growth \$31.56, 20lb. Feline Maintenance \$21.19, 10lb. Feline Growth \$13.67. 377-4316.

SOFA \$65, end table, \$30 each. Stereo rack stand, \$30. 446-7044 after 5:00 p.m.

SOFA, \$95; wash stand/cabinet, \$45. Call 446-4712 leave message.

TIME TO WORM your horses. Zimmectrin \$9.99 at Brown Road Hay & Grain 377-4316.

TWO END TABLES, \$20 ea.; 2 black & white T.V.'s, \$20 ea. 377-5684.

USED CAMPER SHELLS
375-4405, Ask for Max

357 Pets

AKC GOLDEN Retriever puppies, 3 left. Call after 4 p.m., 375-1440.

AKC male Sheltie, three years old, \$150 or best offer. Call to see 446-5968.

BEAUTIFUL 6 yr. old purebred Arabian gelding "no papers", experienced rider, \$500 or best offer. 375-3684 after 5 p.m.

BRITTANY spaniels, AKC, three puppies left. Parents were excellent hunters. 375-9580.

361 Wanted to Buy

BOLT-ON TOW hitch for hauling a small car. Leave message, 375-1176.

353 Miscellaneous For Sale

COMPLETE SET of 1982 Fleer baseball cards, hardbound albums. Also including book of baseball cards 35 yrs. 1951-1985 for \$80 or best offer. 446-4397.

COMPUTER STUFF: COMPUTER: Amstrad 1512 Color, IBM XT CLONE. SOFTWARE: For amiga, Apple II, E.C. Mac. (all software is unused) HARDWARE: for Atari, Apple II, IIC, III, Mac, IBM. ACCESSORIES: for all systems (floppies, diskettes, etc.) Pioneer Video disc player, Sears Beta stereo VTR, GE, VHS, VTR. Call Del 446-3364.

COMPUTER IBM AT Compatible 8/12 Mhz, 512K Ram, 20 MB hard drive, 200 watt power supply. Monochrome (hercules compatible) video card & display, 1.2 MB floppy drive, enhanced 101 keyboard, citizen 120 D Printer, all cables included. Being sold as new. Price, \$1400 firm. Call 446-3137

COMPUTER IBM XT Compatible 4.77/10 Mhz, 640 K Ram, 10 MB hard drive, mono chrome (H compatible) video card and display, 2 360 K floppy drive, serial printer ports, keyboard, citizen 120 D printer. All cables included. Being sold as new. Price \$975 firm. Call 446-3137

COUCH & LOVESEAT, \$150. Call 446-3154.

COUCH & loveseat. Good condition, \$200 or best offer. 446-2827.

HAVE AN OLD baseball card collection you want to get rid of? I buy baseball cards. Call 446-6769 after 5 p.m.

HIS & HER 10 speed bikes. Hers with baby seat. All for \$140 or best offer. 446-2812

HUNTERS PRIDE pettized dog food. 50lbs. \$10.99 at Brown Road Hay & Grain 377-4316.

KING SIZE waterbed with bookcase headboard, padded rails, heater and liner, \$150. Lv. message 375-1176.

OLDER PICK UP bed trailer, 4 ft. x 6 ft. box, \$150. 375-9470.

SCIENCE DIET bargain at Brown Road Hay & Grain. 40lb. Canine Maintenance \$27.90, 40lb. Canine Growth \$31.56, 20lb. Feline Maintenance \$21.19, 10lb. Feline Growth \$13.67. 377-4316.

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BOLT-ON TOW hitch for hauling a small car. Leave message, 375-1176.

New MIPI for gov't vehicles



As a general rule, in the government there are instructions and regulations covering about every situation or circumstance conceivable. The problem is how to find it when you need it. So many times we become the victims of a process which was meant to aid us.

This week's MIPI article tells of how an NWC traveler returned to the Center, totally frustrated from her experience with the breakdown of a government vehicle she was driving. The mechanical problem she experienced was resolved in a manner which cost the government 3 hours of needless contractor overtime, for what actually amounted to a 15-minute service station repair and \$5 worth of parts; not to mention her time and personal inconvenience.

When driving a government owned vehicle in a remote area, or any area off-Center for that matter, what's the best thing to do if it breaks down? The Transportation Office tells us that there are several options available. But do you know what they are? Chances are you don't because you've never been in such a situation.

For a moment, just suppose you're in the driver's seat when Murphy's Law strikes. You're 100 miles from home...except for the gas station a few hundred yards further down the road. What do you do?! Would you let the guy at the station repair your government vehicle? He may refuse to take the GSA credit card—if you're carrying one that is. You could use your personal plastic or cash; but you've heard horror stories about other travelers who weren't reimbursed for unauthorized minor repairs. What should you do?! Call NWC? Oops, it's after hours. Quite a predicament you're in.

This scenario is not uncommon. Instructions exist explaining what a traveler should do when a government vehicle breaks down. But prior to Dawn Janney's MIPI, they couldn't be found anywhere except

on a Transportation Office bookshelf, or buried in some "War and Peace" length handbook.

Nothing like a good shot of adrenaline to get a MIPI working. Back at NWC, Dawn wanted to insure that she wouldn't be put in that predicament again. She called the MIP Office, for she knew that the MIP process would focus in on the difficulty, locate all the pertinent directives or policies involved, and most of all identify the key players who understand the needs of travelers in need of information assistance.

Thanks to Dawn, NWC's Transportation Pool of vehicles now have decals adorning their dashes. Look for it and the information it offers the next time you check a car out from the pool.

By the MIP Office

NAVCAD program reopens road to aviation commission

Washington (NNS) — The navy has many open roads for sailors and civilians to earn a commission — broadened opportunity for officer selection training (BOOST), enlisted commissioning program (ECP), and limited duty and chief warrant officer programs to name a few. One of the Navy's lesser-known roads has reopened and is ready for travel: The Naval Aviation Cadet (NAVCAD) Program.

Re-established in 1986 after an almost 20-year hiatus, the NAVCAD Program allows sailors and civilians to attend Aviation Officer Candidate School (AOCS) for officer indoctrination. Unlike AOCS candidates, who are commissioned upon completing the school, NAVCADs retain their "cadet" status throughout their flight training and are commissioned

ensigns in the Naval Reserve after they earn their "wings of gold."

To be eligible for the program, applicants must have at least 60 college credit hours (semester system), 90 hours (quarterly system), or an associate degree. Applicants must meet physical qualifications, including 20/20 vision, and be single with no dependents.

For more information, contact the career counselor or Navy recruiter.

Revolutionary Aircraft

V-22 Osprey completes maiden flight — a 15-minute success

Arlington, Texas (NNS) — The Navy and Marine Corps' revolutionary tilt-rotor aircraft took flight for the first time March 19.

The V-22 Osprey, which has two large helicopter-like rotors on its wings, incorporates the hovering and landing capabilities of a helicopter with the fast, high-altitude flying capabilities of a turboprop fixed-wing aircraft. This combination of

capabilities is accomplished by rotating the Osprey's engines and rotors from a vertical position to horizontal, thus changing the direction of flight.

During its 15-minute test flight, the Osprey remained in its "helicopter" mode, and flew at about 20 knots at a height of 30 feet. It successfully performed a variety of test maneuvers, including taking off from a slow taxi, lifting off into a hover and completing

a series of turns while hovering. According to its design specifications, the Osprey will be able to carry 24 combat-equipped marines more than 200 nautical miles at a speed of 250 knots.

The Marine Corps plans to add 552 Ospreys to its operational force for amphibious assault and support missions. The Navy will acquire 50 for its strike-rescue missions.

WACOM hosts show of Spring fashions

Set sail for fashion on April 11. That's the date for WACOM's spring fashion show, A Fashion Cruise, embarking at 11 a.m. and 7:30 p.m. at the O'Club.

Local shops are supplying new spring fashions to be modelled by WACOM members and their families.

The early cruise will be for WACOM members and guests. A \$4 donation will cover the cost of the evening cruise, which is open to the public.

Cruise tickets are available at Main Street, The Pinafore Shoppe, Dodie's Fashions & Bridal, McNeil's, Lupe's Chic Fashions, or at the door.

Technical Societies

AOC to install new officers

Featuring Dr. Victor Rehn, the China Lake chapter of the Association of Old Crows will hold its April meeting on Thursday, April 13.

Dr. Rehn will discuss superconductivity and new officers will be

installed at the dinner meeting to be held at The Hideaway, beginning at 6 p.m.

Dinner will be \$13.25 and reservations should be made by Wednesday by calling Gail at 446-5561.



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ARMED FORCES DAY

MAY 20

Plan now to attend Armed Forces Day

"Keeping America Strong," is the theme for the commemoration of Armed Forces Day on Saturday, May 20.

NWC employees and their families, as well as residents of Indian Wells Valley, are invited to attend a day-long Armed Forces Day celebration at the Naval Weapons Center from 10 a.m. to 2 p.m. that day.

Planned events will explain the Center's mission and how both military and civilian China Lakers are involved in 'Keeping America Strong.'

Visitors will view films about NWC's history, hear presentations on programs underway and tour parts of Michelson Laboratory.

Aircraft displays will allow NWC's guests to get a close look at the Navy's top attack aircraft including the F/A-18 Hornet. Other featured aircraft on the display line will include the A-7E Corsair II, A-6E Intruder, A-4M Skyhawk and the Marine Aviation Detachment's AV-8B Harrier.

Food, drink and souvenirs will be on sale at booths set up outside the laboratory by non-profit organizations from China Lake and Ridgecrest.

Nonprofit community service groups interested in setting up booths need to submit a written request to Betty Rogge, Code 003, NWC ext. 3511.



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The SBIR helps to promote innovation

Small businesses are contributing critical assistance to the mission of the Naval Weapons Center.

A newly-developed safe-separation sensor accelerometer was developed under NWC direction by Silicon Designs Inc. of Washington (state) through a Small Business Innovation Research (SBIR) program contract.

The state-of-the-art electromechanical unit, designed for missile safe-and-arm-device applications, is smaller and lighter than accelerometers of similar capabilities and can be produced at about half the cost.

"The SBIR program has been extremely successful at NWC since its inception in 1984," said Dr. Bob Roundtree, that time the NWC technology base coordinator. Through this program, we are able to tap into a reliable, innovative resource for new developments."

This program followed a typical pattern for SBIR projects. Steve Fowler and Jim McVay in the Fuze Safe-Arm division submitted a request for the accelerometer through Lois Herrington, NWC's SBIR coordinator, to NAVAIR, the sponsor.



TOO SMALL FOR THE NAKED EYE—Jim McVay tries to point out the newly-developed safe-separation sensor accelerometer for Lois Herrington, NWC's SBIR coordinator. The device was created by a contractor under the Small Business Innovation Research program.

It was then included in DOD's 1983 solicitation for small businesses. Response proposals were sent directly to NWC and evaluated by the Fuze Division.

Silicon Designs submitted a proposal for the accelerometer development in 1983. The small firm proposed to incorporate novel capacitor sensor elements with standard microchip-circuitry and fabrication techniques.

A feasibility contract was awarded to Silicon Designs for the first phase to answer the following

questions: (1) whether a suitable mechanical element could be fabricated, (2) whether the mechanical element would be rugged enough to survive the operational environment, and (3) whether a sense amplifier could be designed and fabricated that would be sufficiently insensitive to the temperature changes encountered in the operational environment.

The first phase of the contract was completed on schedule in August 1985. The elements on the device were found to be structurally sound and extensive environmental testing resulted in no failures.

The second phase began in November 1986 and met the contract expectations. A study is now examining the possibility of applying the integrated mechanical/electronic technology into the Standard Missile.

"Their insights led to a creative and practical solution for a needed piece of equipment," commented Jim McVay, project manager, Fuze Division. "The new device requires no warm-up time and its digital output is suited for direct connection to a microprocessor. Its cost should be less than \$50 per unit when full production gets underway."

The federal SBIR program requires that 1.25% of research and development dollars be set aside for award to small businesses (fewer than 500 employees). In Fiscal Year 1988, the Navy's share of the set-aside amount came to nearly \$60,000,000. NWC currently has about 40 SBIR contracts in place.

For more information on the new accelerometer, contact McVay at NWC ext. 7611. For more information on NWC's role in the SBIR process, contact Lois Herrington at NWC ext. 2712.

Don't cut the grass this weekend

Spend this weekend working on an F-14 or sailing on the high seas. How?? Come on back to the Naval Reserve. Make your experience count. Call 446-4217 now and find out if you qualify. Cut the grass next weekend!

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Be generous! Leave hours are still needed by employees

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

Nancy Heck, Budget Analyst, Code 2837 — suffered a medical setback and is currently under a doctor's care. She hopes to be able to return to work soon.

Carolyn A. King, Engineering Data Management Specialist, Code 36543 — injured her back in November. She is scheduled for back surgery and will require recovery time after surgery.

Odessa Newman-Staples, Program Analyst, Code 2835 — is under

a physician's care while recuperating from removal of a fibroid tumor.

Jan Langham, Contract Specialist, Code 258 — suffered a medical setback and is currently under a doctor's care.

Tucker Melton, Electrician, Code 24619 — is hospitalized and undergoing radiation treatment for cancer.

Patricia Howe, Photographer, Code 3451 — is pregnant with twins and is unable to work until after her delivery.

Sarah Polak, Computer Specialist, Code 35604 — has cancer and is undergoing chemotherapy.

Melvin R. Mather, Engineering Technician, Code 3921 — is undergoing treatment for a lung infection.

Eleanor L. Semore, Senior Purchasing Agent, Code 25222 — has a cardiovascular disease. She has had surgery and is currently unable to return to full-time work.

George Stillwell, Physicist, Code 3917 — has hypogammaglobulinemia, a debilitating blood disease.

-----CLIP AND SEND TO CODE 221-----

LEAVE DONATION FORM

FROM: _____

CODE: _____

I wish to donate _____ hours of my annual leave to: _____

I have attached a copy of my last leave and earning statement.

Signature Date

Test is set for May 16

On May 16, the Upper Division Writing Competency Examination will be given. Cal-State Bakersfield and Cal-State Chico undergraduate students may satisfy the writing competency requirements by passing this exam.

Cal-State Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to taking the exam.

Undergraduate students planning to take the Cal-State Chico course CSCI 172, *Systems Architecture*, must pass the writing exam prior to the beginning of the course.

The examination fee is \$12. Checks must be made payable to Cal-State Bakersfield.

Contact Helen Benes at NWC ext. 2648 to arrange to take this exam.

Look for **Navy News This Week**, the Navy's weekly broadcast of Navy news around the world, on Channel 3 (Desert Cable TV) Friday evenings at 6:30 and 10:30 p.m.

personnel development opportunity

Custody Control Point (CCP) Procedures (4 hours)
May 10-12, 0800-1130, Training Center. By John Hammonds.

Intended Audience: CCPs and alternates.

Scope: This class is for all custody control points and alternates. It will include a discussion of CCP responsibilities, duties and procedures. This "hands-on" class will cover classified document control, accountability procedures, custodial responsibilities, transmittals, markings/wrappings/addressing packages, accounting procedures, reproduction and distribution.

There will be opportunities to share problems, methods of resolving them and "good ideas" that work for you.

Note: Enrollment Form 12410/73 is required.
Deadline: April 26.
Office Naval Correspondence
May 5, 0800-1600, Training

Center. By LaNelle Thompson.
Intended Audience: Clerical/Administrative.

Scope: A class for all Center personnel who type, write or approve naval correspondence. It is a detailed overview of SECNAVINST 5216.5C and NAVWPNCEN 5216.8, which review standards for correspondence preparation, formatting and paperwork management.

Presentation Method: Lecture.
Note: Please bring your copy of SECNAVINST 5216.5C (Correspondence Manual).

Deadline: April 21.
New Employee Orientation (6 hours)
May 5, 0800-1500, Training Center. By NWC staff.

Intended Audience: New employees.

Scope: The orientation includes a welcome aboard and Center overview and presentations on training opportunities, safety, Employee

Assistance Program, personnel benefits and systems, Police and Fire divisions, desert geology, Technical Information Department, Equal Employment Opportunity, NWC and area recreation and internal review.

Deadline: April 24.
Basic Naval Writing for Beginners (8 hours)

May 4, 0800-1600, Training Center. By LaNelle Thompson.

Scope: SECNAVINST 5216.5C sets new writing standards that are important to anyone who writes or reviews the writing of others. The class instructor will review those standards — i.e., the use of active versus passive verbs, personal pronouns, short sentences, etc. A workbook (OPNAV 09B-P1-84) with exercises and answers that reinforce the principles of better naval writing will be used in class.

Presentation Method: Lecture.
Deadline: April 20.

JP program helps to plan careers

Providing new professionals with information about themselves that will help them plan their careers at NWC is the main goal of the Junior Professional (JP) Career Guidance and Counseling Program.

The program includes eight hours of tests and a feedback session with a professional counselor. Some questions asked during this program are:

•Do you now have essentially technical or managerial (or both) capabilities? What are your prospects for future development?

•How can you use your creativity? Should you emphasize research or applications?

•What are your major values and priorities for personal and career development?

•What are your major strengths and weaknesses in dealing with others?

•With what size group would you work best?

•What additional training (technical, academic or other) do you need for further development?

The next testing session for the JP Career Guidance and Counseling

Program is May 18-19, 7:30 to 11:30 a.m. at the Training Center. Counseling sessions will be held at a later date.

Any JP wishing to take this test can contact Helen Benes at NWC ext. 2648. All test results and any related information are kept confidential.

THE POLICE EMPLOYEES ASSOCIATION OF RIDGECREST IS PROUD TO SPONSOR THEIR SECOND ANNUAL BENEFIT BASKETBALL GAME WITH THE LOS ANGELES RAIDERS CHARITY BASKETBALL TEAM. PLAYERS ARE: ROD MARTIN, MIKE HAYNES, TODD CHRISTENSEN, LIONEL WASHINGTON, STACY TORAN, STEVE BEUERLEIN, CHRIS BAHR, JAMES LOFTON, TIM BROWN, JERRY ROBINSON, TERRY McDANIELS.

THE GAME TAKES PLACE ON MAY 13th AT 7:00 P.M. OUT AT BURROUGHS HIGH SCHOOL GYMNASIUM.

WE ARE FEATURING A HALF-TIME AUTOGRAPH AND PHOTOGRAPH SESSION, AS WELL AS A RAFFLE OF TEAM NOVELTY ITEMS.

THE POLICE EMPLOYEES ASSOCIATION OF RIDGECREST IS A NON-PROFIT ORGANIZATION SO THEREFORE, THE MONIES RAISED WILL HELP THE D.A.R.E. PROGRAM (DRUG ABUSE RESISTANCE EDUCATION), PROGRAM HERE IN THE RIDGECREST AREA SCHOOLS.

TICKETS TO ATTEND THIS BASKETBALL EVENT ARE ONLY \$8.00 FOR ADULTS AND CHILDREN UNDER 12 ARE ONLY \$4.00.

YOU CAN ALSO SEND YOUR DONATIONS TO: P.E.A.R. 825 N. CHINA LAKE BLVD., RIDGECREST, CA 93555.

FOR TICKETS TO ATTEND YOU CAN CALL 375-8181 FOR YOUR ADVANCE TICKETS. TICKETS SOLD AT THE DOOR ARE \$10.00 AND CHILDREN ARE \$5.00.

SO PLEASE COME OUT AND SEE THE LOS ANGELES RAIDERS PUT THE PRESURE ON THE POLICE ASSOCIATION, AND SUPPORT THOSE WHO PROTECT OUR COMMUNITY!

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Personnel opportunities

(Continued from Page 17)

position is located in the Propulsion Research Branch, Engineering Sciences Division, Research Department. The incumbent conducts experimental fluid dynamic and combustion research related to airbreathing propulsion and plume signature. A background in fluid dynamics, combustion, propulsion, and related experimental techniques and computerized data acquisition is desirable. To apply, send an updated SF-171 to K. Schadow, Code 3892, NWC ext. 6532.

No. 62-020, Electronics Engineer, DP-855-2/3, Code 62503 - This position is that of an electronics engineer in the Communications Engineering Office, Data Systems Division, Range Department. The Communications Engineering Office is

responsible for conceptual systems design and installation design of secure communications systems within the Range Department. The Communications Engineering Office develops systems engineering plans, installation design plans, equipment procurement packages and oversees implementation of secured communications/instrumentation systems. These systems include cryptographic equipment, digital multiplexing systems, microwave systems and lightwave (fiber optic) systems. Responsibilities include implementing TEMPEST engineering criteria as a part of the system and installation design. Technical direction of installation personnel during system implementation is required. The incumbent will be responsible for developing equipment

specifications and preparing requests for materials and services. The incumbent shall be capable of performing technical writing tasks in support of preparing system engineering and installation design plans and preparing equipment specifications. Promotion potential DP-3. To apply, send current SF-171 to O. J. Dove, Code 62503, NWC ext. 6717. Status eligibles may apply.

No. 64-018, Interdisciplinary, (General/ Mechanical/ Electronics/ Aerospace Engineer/ Physicist/ Mathematician/Computer Scientist/ Operations Research Analyst), DP-801/830/855/861/1310/1520/1550/1515-2/3, Code 6445 - Serves as the focal point for program offices and other sponsors for test work on the

NAVWPNCEN Electronic Warfare Ranges. Responsibilities include test planning, fiscal management, test coordination, analysis and documentation of assigned projects, and managing, analyzing and verifying customer test data. The incumbent serves as the primary contact with sponsors, technical and administrative associates, center managers, contractors and national associates. Sponsors are from both on-Center and off-Center which includes SPAWARS, Marines, Air Force, Army, private industry and

foreign military. Good balance between desk work and field work. Incumbent must be able to work effectively with people and communicate effectively with all levels of Center management. Experience with or knowledge of airborne tactics and weapons systems, surface to air missiles, fire control systems and range operations is highly desirable. To apply send an updated SF-171 to Ron Stepp, Code 6445, NWC ext. 3571/531. Multiple vacancies may be filled. Promotion potential to DP-3.

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. 01-002 Secretary (Typing), DG-318-3/4, Code 01 - Incumbent is secretary to the Technical Director of the Naval Weapons Center. The incumbent provides full range of secretarial and administrative support. Incumbent is Co-Chair of the Corporate Secretaries Board. Experience using the Macintosh II and electronic mail is highly desirable. Promotion potential to DG-4 if selection is made at the DG-318-3 level.

24-011, Secretary, DG-318-3/4,

Code 24 - Incumbent provides secretarial and administrative support to the Safety and Security Department. Must be able to obtain and maintain a Secret clearance. Promotion potential to DG-4.

No. 64-017, Secretary (Typing), DG-318-1, Code 6423 - This position is located in the Telemetry Technology Branch. The incumbent provides secretarial and administrative support to the branch. Ability to operate a Macintosh computer and Microsoft Word is desirable. Promotion potential to DG-2.

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Applications needed before April 28

Volunteers are needed to serve on the 24-hour Parent Help phone line sponsored by the High Desert Child Abuse Prevention Council.

This volunteer position consists of staying near a home phone during the shifts the volunteer chooses.

Training is provided and calls are handled through an answering service. The volunteer's home phone number is never distributed.

The next training for new and current volunteers will be May 6 from 9 a.m. to 1 p.m. and May 10 from 6:30

to 8 p.m. Training is conducted at the Desert Counseling Clinic, located at 814 N. Norma in Ridgecrest.

A commitment of time can make a very big difference to children in the Indian Wells Valley.

Applications must be submitted before April 28.

For more information about the council or volunteer position, please call Lori at 375-9781 or Patti at 372-5598.



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Famous maker coordinates. (Petites and Large sizes available in selected stores). Sale 33% off.

Petite Calcutta pants and jacket in assorted colors. Reg. \$21 and \$24. Sale 33% off.

Missy knit tops. Orig. \$15-28. Sale 33% off.

Missy blouses in a wide variety of styles, fabrics and prints. Orig. \$26-36. Sale 33% off.

Gilda blouses. Choose from assorted prints in your favorite short sleeve styles. Sizes 10-20. Special purchase \$11.97.

Gilda polyester pull-on pants in Short and Average lengths. Assorted colors. Sizes 10-20. Reg. \$15. Sale \$9.97.

Selected short sleeve blouses in assorted prints. Reg. \$17. and \$21. Sale 40% off.

Selected dresses in Spring colors. Misses and Petite sizes. Orig. \$44-60. Sale 33% off.

Entire stock of Spring coats and jackets. Sale 25% off.

Famous maker sleepwear. Orig. to \$34. Sale 33% off.

Entire stock of Deena, Olga and Warner's daywear. Reg. to \$14. Sale 33% off.

Entire stock of Playtex, Warner's, Olga, Vanity Fair, Fresh Expressions and Exquisite Form foundations. Sale 25% off.

Save 25% off all WOW bras including the new soft cup style #4753. Buy any 2 WOW bras and receive an instant \$6. rebate.

Save 25% on our entire stock of 18 Hour and "I Can't Believe It's A Girdle" girdles. For a limited time, receive \$2. from Playtex for just trying on any Playtex girdle style and receive \$5. back on any Playtex girdle purchase. Offer good through 4/8/89.

Selected Junior shorts. Choose from a large selection of basic and novelty styles. Sizes 3-13. Reg. \$12-38. Sale 33% off.

Selected Junior shirts in assorted patterns. Sizes S-M-L. Orig. \$24-28. Sale \$11.97.

Assorted organizer handbags by Bartoli. Reg. \$15. Sale 50% off.

Selected handbags. Sale 33% off.

Entire collection of Tacoa jewelry. Sale 50% off.

Hurry in for the best selection of our new glamour rings. Many new styles in 14K gold electroplated settings. Values to \$35. Sale \$9.97.

Famous maker string knit shirts in many colors. Sizes S-XL. Orig. \$28. Sale 50% off.

Famous maker elastic back slacks. Linens and ducks. Waist sizes 30-42. Reg. \$24. Sale 40% off.

Entire stock of Haggard dress slacks. Reg. \$28-38. Sale 25% off.

Entire stock of Haggard suits and sport coats. Reg. \$109.99-131.00. Sale 25% off.

Entire stock of men's socks and pajamas. Sale 25% off.

Entire stock of dress shirts and ties. Sale 25% off.

Young Men's Morey Boogie printed Tee shirts. Sizes S-XL. Reg. \$12. Sale 33% off.

Young Men's famous maker collections of tops and pants. Reg. \$28-44. Sale 33% off.

CHILDREN

Spring knit dresses by Piccolo. Choose from assorted print knit styles with ruffle treatments in short and flutter sleeves. Sizes 2-14. Orig. \$22-26. Sale 33% off.

Mix and Match tee shirts and shorts by Cherokee. Select from assorted screen print tops and assorted solid sheeting shorts. Sizes 4-14. Orig. \$12-15. Sale \$8.97-9.97.

Spring playwear from Hush Puppies. Choose from sunsuits, popovers and rompers with assorted appliques. Infant and Toddler sizes. Reg. \$13-20. Sale 33% off.

Short sets by Piccolo. Boy's and Girl's knit tops and print woven shorts in Toddler sizes. Reg. \$26. Sale 33% off.

Boy's Morey Boogie printed tee shirts. Sizes 8-18. Reg. \$10. Sale 33% off.

Selected printed tee shirts for Boys. Sizes 4-18. Reg. \$6-8. Sale 33% off.

HOME

Famous maker matched percale sheet sets. Value \$30-70. Specials \$12.97-29.97.

Bravissimo towels by Fieldcrest. Values \$4-15. Specials \$1.97-4.97.

New "Crystal Garden" pattern by Colony. Choose from assorted serving pieces. Great for entertaining. Sale 33% off.

Mikasa "Camen" pattern. Beautiful design on assorted serving pieces. Sale 40% off.

*Discount taken at register. Some items not available in some stores. Intermediate mark-downs have been taken.

SPECIAL STORE HOURS

Thurs., April 6	9:30 a.m. - 9:00 p.m.
Fri., April 7	10:00 a.m. - 9:00 p.m.
Sat., April 8	10:00 a.m. - 6:00 p.m.
Sun., April 9	12:00 noon - 5:00 p.m.

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Simlab contributors

(Continued from Page 1)
 expert in the ADI high speed processors.
 Annos has developed the real-time workstation concept into a capability providing NWC scientists and engineers a focused and efficient simulation environment. Many individuals can now access the Simlab computers from their desks thanks to his pursuit of expanded networking capabilities. His Simlab contributions began in 1977 as a Co-op student.

Dr. Holden has been the key person responsible for the design, development, and utilization of the Simlab's high speed computer capability. Her Simlab work began in 1973 and she is now noted worldwide as an



ACCEPTING THE HONORS—Gerry Schiefer, far left, technical director, and Bill Porter, far right, Laboratory Director, present the Technical Director's Award to, l to r, Jim Annos, Dr. B.J. Holden, and Bob Ferguson. The trio received the awards for their contributions to the Simulation Lab. Photo by PHAA Cary Brady.

Self-Help store open

Housing says...Center residents are encouraged to accomplish minor maintenance and repairs on their houses. To assist in this effort, various repair and replacement items and equipment are stocked by the Self Help Store.
 Grass seed and fertilizer are now available.
 Power equipment can be checked out for a period of four hours, and manual equipment for a period of 72 hours. All equipment must be returned on time to ensure maximum use by all residents.
 Tenants who repeatedly (three times) refuse to return equipment on time shall be denied the right to draw equipment from the Self Help Program.
 The Self Help Store is open Monday, Wednesday and Friday from 11:30 a.m. to 5 p.m. and on Saturday from 10 a.m. to 2 p.m. Residents are encouraged to stop by and check the inventory.
 Suggestions and comments are welcomed.

Personnel News & Notes



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 (KSA's) 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 Friday, 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.

No. 31-023, Interdisciplinary (Electronics Engineer/Computer Scientist/Physicist/Mathematician), DP-855/1550/1310/1520-2/3, Code 31331 - (Multiple Vacancies) These positions are located in the EW Effectiveness Section, EW Analysis Branch, Electronic Warfare Avionics Division, Aircraft Weapons Integration Department. The incumbents are responsible for engineering and technical support to OPNAV, NAVAIR, and NWC in the areas of System, Mission, and Techniques Analysis, as well as System Effectiveness and Simulation Development. The work to be performed is in the areas of Radio Frequency (RF), Infra-Red (IR), and Electro-Optical (EO) Countermeasures Effectiveness for current and developing systems, and aircraft. A background in general analytic procedures is desirable. Job Relevant Criteria: Ability to work with others, or on your own with minimum supervision; ability to communicate both orally and in writing; ability to analyze and evaluate. Status eligibles may apply. Promotion potential DP-3.

No. 31-024, Operations Research Analyst, DP-1515-1, Code 3192 - This position is located in the A-6 Branch, Systems Engineering Division of the Aircraft Weapons Integration Department. The incumbent will be responsible for the analysis of avionics and weapons system tradeoff and design studies; will generate and review test specifications and requirements for completeness and compliance with system specifications; and be responsible for the development of software requirements and the associated tasks and milestones to achieve timely integration into the A-6E OEP. Job Relevant Criteria: Knowledge of aircraft integration; knowledge of integration of new weapons systems with existing avionics; knowledge of software engineering techniques and documentation; ability to communicate well, both orally and in writing. Promotion potential to DP-3.

No. 31-025, Supervisory Interdisciplinary (General/Electronics Engineer/Physicist/Mathematician), DP-801/855/1310/1520-3/4, Code 31501 - This position is the Associate Head of the Targeting Division. The division is responsible for developing targeting, fire control, and human factors technology, transitioning this technology into Fleet systems, and providing support to these systems. The incumbent will be responsible for the administration and coordination of the targeting technology effort in the Division. The incumbent will coordinate the planning of technology efforts and will head the targeting technology office. This includes the supervision of a number of high level consultants. This group will develop the Code 315 and Code 31 Technology Plans. This work will require a thorough understanding of targeting technology and Fleet requirements. Some program management will also be required. Job Relevant Criteria: Ability to communicate well both orally and in writing; skill in presentation of technical material; knowledge of targeting systems, STRIKE weapon systems, lashing, IR and RF sensors and the DOD systems acquisition process; knowledge of NWC personnel policies and procedures. Willingness to support NWC EEO policies and goals. A one year probationary period may be required. Promotion potential DP-4.

No. 36-025, Administrative Officer, DA-341-1/2/3, Code 3606 - This position is located in the Harpoon/Slam Project Office, Engineering Department. The incumbent will perform duties of Business Manager for both Harpoon and Slam Project

Offices. The incumbent is responsible for budget planning, financial management/analysis, and contract administration. Job Relevant Criteria: Knowledge of NWC financial accounting systems, terminology, and procedures; knowledge of management techniques, practices, methods and principles; ability to interpret and apply rules, regulations, policies, procedures and instructions; ability to collect and analyze data; ability to communicate orally; ability to communicate in writing. Promotion potential DA-3. Status eligibles may apply.

No. 39-028, Security Clerk (Typing), DG-303-1/2, Code 39404 - This corrects ad No. 39-028 ran last week for Security Clerk (Typing), DG-303-2/3. This position is located in the Technology Office of the Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent is responsible for assisting in the day to day operations of the office in a variety of areas such as record management, security management, and administrative support. Job Relevant Criteria: Ability to communicate orally; ability to communicate in writing; ability to deal effectively with people. Incumbent must be able to obtain and maintain a Top Secret clearance based on a Background Investigation. Promotion potential to DG-3.

No. 61-012, Engineering Technician, DT-802-A, Code 6133 - This position is located in the Systems Engineering Branch, Engineering Support Division, Aircraft Department. The incumbent is responsible for supporting the engineering prototype design and production of the QF-4 aircraft and other aircraft modification efforts, conducted by the NAVWPNCEN to support RDT&E efforts. This also encompasses a working knowledge of the process associated with controlling the revision status of aircraft drawings and specifications. Job Relevant Criteria: Knowledge of aircraft drawings, engineering orders, engineering change proposals, and project modification procedures related to design support; ability to prepare engineering drawings from sketches, layouts, actual hardware and verbal direction from design engineers and technicians; knowledge of NWC AD PUB 264, DOD-STD-100-STD-480, DOD-D-1000, ANSI-4.14.5M882, and NAVAIR 01-1A-505. Promotion potential DT-3.

No. 62-019, Mechanical Engineering Technician, DT-802-2, Code 6211 - This position is located in the Ballistic Test Branch of the Range Department. The incumbent will work in the Mechanical Ordnance Support Section which is responsible for the fabrication/modification of test stands and hardware used for static testing of rocket propulsion systems and other ordnance items. Also responsible for rocket motor movement, installation/removal and hook-up

of ordnance items into test stands. Incumbent mans various functions such as hook-up man, roadblock, observer and, if qualified, Firing Officer. Job Relevant Criteria: Knowledge of blue prints and engineering drawings; knowledge of explosive devices; ability to set up components for pneumatic and hydraulic systems; ability to work alone or as a member of a team. Promotion potential to DT-3.

No. 64-019, Flight Test Specialist/Test Management Specialist/Test Scheduler/Computer Specialist, DT/DS/DP-301/334-3, Code 6445 - Serves as the focal point for program offices and other sponsors for test work on the NAVWPNCEN Electronic Warfare Ranges. Responsibilities include test planning, fiscal management, test coordination, analysis and documentation of assigned projects, and managing, analyzing and verifying customer test data. The incumbent serves as the primary contact with sponsors, technical and administrative associates, center managers, contractors and national associates. Sponsors are from both on-Center and off-Center which includes SPAWARs, Marines, Air Force, Army, private industry and foreign military. Good balance between desk work and field work. Job Relevant Criteria: Knowledge of airborne tactics and weapons systems; knowledge of surface to air missiles, fire control systems and range operations; ability to communicate clearly and effectively with top NWC management and high ranking officials from other activities. Multiple vacancies may be filled. Promotion potential to DP-3 but not guaranteed.

No. 64-020, Multidisciplinary Engineering Technician/Aerospace Engineering Technician/Electronics Technician, DT/DS/DP-802/856-3, Code 6445 - Serves as the focal point for program offices and other sponsors for test work on the NAVWPNCEN Electronic Warfare Ranges. Responsibilities include test planning, fiscal management, test coordination, analysis and documentation of assigned projects, and managing, analyzing and verifying customer test data. The incumbent serves as the primary contact with sponsors, technical and administrative associates, center managers, contractors and national associates. Sponsors are from both on-Center and off-Center which includes SPAWARs, Marines, Air Force, Army, private industry and foreign military. Good balance between desk work and field work. Job Relevant Criteria: Knowledge of airborne tactics and weapons systems; knowledge of surface to air missiles, fire control systems and range operations; ability to communicate clearly and effectively with top NWC management and high ranking officials from other activities. Multiple vacancies may be filled. Promotion potential to DP-3 but not guaranteed.

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 applicants 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. 31-019, Interdisciplinary (Electronics Engineer/Computer Scientist/Mathematician/Physicist), DP-855/1550/1520/1310-2/3, Code 31332 - (Multiple Vacancies) These positions are within the Electronic Warfare Simulations Section, EW Analysis Branch, EW Avionics Division, Aircraft Weapons Integration Department. The EW Simulation Section is tasked with system engineering, operations, and hardware and software development for strike electronic warfare simulations. Additionally, this

section will conduct development of computer-graphics enhanced display of EW systems, techniques, scenarios, and flight tests. An EW simulation software development environment, including computers and software tools is maintained and operated. To apply, send an updated SF-171 to John Clark, Code 31332, NWC ext. 2318.
 No. 38-002, Interdisciplinary (Aerospace/Mechanical Engineer), DP-861/830-2/3, Code 3892 - This

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24-012, Police Dispatcher, DG-303-A/1, Code 2413 - Incumbent performs dispatching duties for the China Lake Police Division and maintains radio communication with NWC Guard Post, Fire Division, Naval Investigative Service and off-Center police agencies. Coordinates and controls radio traffic between police units, responds to requests for assistance by police units and/or notifies appropriate source, furnishes requested information to the public or refers to appropriate authority. Job Relevant Criteria: Ability to communicate orally; ability to communicate in writing; ability to work effectively in stressful situations. Promotion potential DG-2.

No. 25-003, Procurement Analyst, DA-1102-1, Code 2503 - This position is located in the Small Business Program Office in the Procurement Department. This office is responsible for implementing Department of Defense policy of the Small Business Act to ensure that the Naval Weapons Center complies with the law. Job Relevant Criteria: Knowledge of procurement rules and regulations used in staff analysis; ability to apply and interpret procurement rules, regulations, policies, and procedures; ability to communicate orally; ability to communicate in writing; Promotion potential to DP-3.

No. 26-023, Engineering Technician, DT-802-A, Code 26531 - This position is located in the Utilities Engineering Branch, Facilities Division. Incumbent is responsible for planning, design, layout, and maintenance of real property in addition to overseeing construction of facilities and land-use planning. Job Relevant Criteria: Ability to communicate both orally and in writing; ability to acquire expertise as back-up operator for the Center's Energy Monitor and Control System; ability to develop and program software relative to the creation of utility data base's consumption reports, historical files and budget estimates; and ability to develop data base program for monitoring and documenting all NWC utility consumption and cost reports. Promotion potential to DT-2.

No. 31-020, Staff Assistant, DG-303-2/3, Code 31332 - The EW Simulation Section is charged with development of Electronic Warfare computer models to support operational and vulnerability analysis. The incumbent will perform the following functions: receipt, distribution, and control of classified documentation. In addition, the incumbent will be responsible for data processing support including scheduling, production control, library services, and overseeing the

Handgun clinic scheduled by gun club

Got questions about handguns? Are pistol match procedures confusing? Want to know more about these subjects?

If yes is the answer to any of the above questions, then come out to Sierra Desert Gun Club tomorrow

(Saturday) at 9 a.m.

The club's group of experienced pistol shooters will provide all the free advice and instruction a person may need.

The range will be open at this time. The club has handguns for use for

people who do not own their own.

For more information about the handgun clinic or about the club, itself, call Charles Beach at 375-2900 or Michael Martyn at 377-5695. Please call after working hours (4:30 p.m.).



Save money, register now Fitness challenge gauntlet offered

Members of the Naval Weapons Center Marine Aviation Detachment are joining several Indian Wells Valley businesses to sponsor the Mirror Lake Five Mile Fitness Challenge on April 22.

The challenge, a five-mile run starting at the intersection of North Richmond and Inyokem roads, starts at 8 a.m. sharp.

Trophies will be awarded to the top two runners in two divisions. In addition,

all entrants are eligible for more than \$400 in prizes donated by area businesses. Prizes will be distributed based on a random drawing, not by placement in the race or times.

The entry fee for people entering the race before April 22 is \$8. People registering the day of the race, will be charged \$10.

For additional information, call First Sergeant Vigil at NWC ext. 6601 or 6602.

Marines issue fitness challenge

Mail to:

Marine Aviation Detachment (Code 91)
Naval Weapons Center
China Lake, CA 93555

make checks payable to: Marine Corps Fund (\$8.00)

LAST NAME FIRST NAME MI

ADDRESS

PHONE MALE FEMALE AGE

I certify that I have decided to participate in the 5 Mile Fitness Challenge, with full knowledge that being physically fit and sufficiently trained is necessary to prevent any injury to myself. In consideration of the acceptance of my entry, I, for myself, my heirs, devisees, executors, administrators, and assigns, hereby waive, release and discharge any and all claims against the Marine Corps and all sponsors, or their employees, agents, or representatives, arising out of my participation in the 5 Mile Fitness Challenge.

SIGNATURE

If under 19, parents or legal guardian's signature:



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Geothermal energy credited as "The fuel of the future" at Coso

(Continued from Page 1)
 (NWC's) mission, itself.... Not only for now, but in the future to come," Austin noted.

According to Austin, a reservoir not yet touched has given them a glimmer of an idea of what might be beneath the surface at Coso. "It (the one reservoir) could lead us to a rate of production 20 times the overall size of the Coso project," he said. At the present time, Austin noted, "Navy One produces the total production of ten of the 17 nations that produce geothermal. It is the second highest producer in the United States and the 17th in the nations that produce geothermal. By the end of the year, Coso will outrank geothermal production of all but four other countries in the world."

According to the Honorable Charles Umbrecht, California Energy Commission chairman, ten years ago, 81% of our energy came from oil and gas. "Today, that number is less than 30 percent. Geothermal plays an important role in those figures," he added.

Capt. John Burt, Commander, NWC, stressed that the project was not a Navy project. "Our goal was to provide a framework in which the resource could be developed to provide clean, renewable energy to the nation.... We did this project as a federal, state, local and private enterprise operation. At no time did the Navy spend tax payer funds on the development of this project except for Dr. Austin's office."

Located at NWC in Inyo County, the Coso Geothermal Project

comprises 24,000 acres of federal land, including 5,000 acres under contract with the Navy and 18,000 leased from the Bureau of Land Management.

The 80 megawatt (MWe) Navy One site is one of the three major segments of Phase One of the project, which currently has five power units on line with a capacity of 140 megawatts of electricity. When Phase One development is completed later this year, the project will comprise nine-turbine generator sets with a total capacity of 230 megawatts, enough power to meet the electricity needs of a city of 230,000 residents.

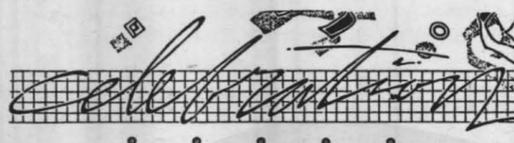
Condy enthused, "Geothermal is truly the fuel of the future, and Coso is the proof of it."



DISPLAY CHECK ONLY!—Capt. Ken Kelley, public works officer, presents a display check for \$790,000 to Capt. Burt at the Commander's Meeting. The amount represents the dollars saved over the last years due to the Energy Conservation program and the everyday efforts by China Lakers. Garyl Smith, Energy Program Office and Major Pinion, Energy Monitoring Section Head, assisted Capt. Kelley with the presentation. Photo by PHAA Cary Brady.

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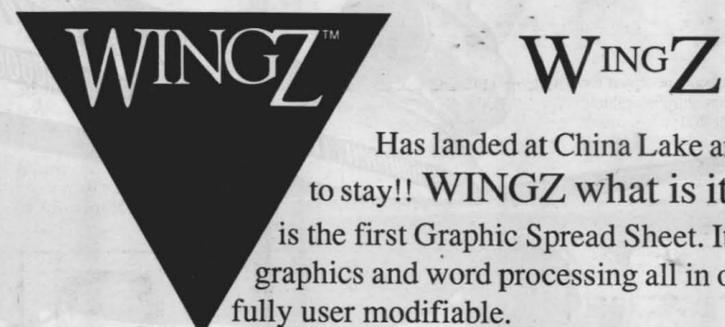
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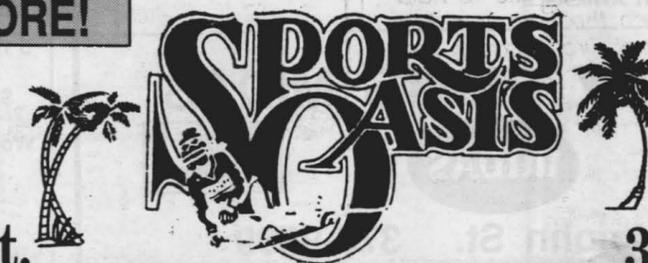
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Games cause plenty of excitement

After an Easter break, teams in the Naval Weapons Center's Spring Soccer League came back in top form. The league's second week of play showed improved play and some close, exciting games.

Division I
Coyotes 1, Sounders 0
 Extra effort by Brian Haugen and Matt Labarre aided Matthew Blashill in making the game's only goal. Ben Nazik, Erick Johnson, Jason Hiett and Cale Falk were quick on their feet as they kept the Coyotes to one.

Eagles 2, Cougars 0
 Two goals by Ben Labee and outstanding play by Richard McCrumb, Michael Giroux and Chris Long put the Eagles on top. Justin Robbins, David Underwood, Charles Parrish and Michael Petersen kept the Eagles scoreless in the first half, but the Eagles managed to score in the second.

Express 1, Cobras 0
 With teams evenly matched, David Kennedy, Warren Mayer and David Jacobson had trouble keeping the Cobras scoreless. David Turner knocked in the winning goal on a penalty kick. Matthew Combs, Birk Roseman, Peter Ostrom and Clifton Whitehurst were very successful in

stopping the Express.
Apollos 3, Owls 0
 Two goals by Quinn Edwards and one by Darren Hodge resulted in victory. Lance Satterthwaite and Daniel Gerow were credited with clipping the Owls. Despite excellent plays by Sam Elson, Adam LaBlanco and Ronnie De Los Reyes, the Owls couldn't stop the Apollos.

Division II
Rockets 4, Jets 0
 The Rockets blasted off with two goals by Ryan Heath, and one each by Blake Harden and David Rollinson. Defensive players Christine Self and Hose Tavar were effective in the win. Aggressive defense and moves by Roy L'Hommedieu and David McCulley weren't enough in the loss.

Whitecaps 3, Strikers 0
 Goalies Josh Roberts and Gene Goins shut out the Strikers. Brett Thomsen, Andy DuBois and Sean Glasco scored in the win. The Whitecaps were aided by Chris Peters, Jeff Robbins, Robert Green and Heath Chambers.

Roughnecks 3, Earthquakes 0
 Good control of the ball allowed Kevin Nowicki, Robert Lawson and Derek Hills to each score. Plays by Jay Black, Dana Clark and Chris

Coulter stopped the Earthquakes.
Diplomats 1, Bullets 1
 With an assist by Jonathan Ford, Kate George kicked in the Diplomats' lone goal. Goalie Joshua Behr stopped many Bullets' attempts at goal and Ross Edward was an asset in this tie. Plays by Galen Wilson, Joey Olson and Jamie Rugg kept the Diplomats on their toes. Matthew Girardot scored the Bullets' only goal.

Division III
Mustang 3, Furies 0
 The two goals by Adam Summers were assisted by Jason Mahoney and Michael Rodman and Douglas Speagle's goal was assisted by Jason Ford. Despite only eight players, the Furies were tough with great plays from Matt Peaslee, James Heumann and Chris Potten.

Lancers 6, Soccers 0
 Goals by Tony Prachia, Christian Robertson, Neil Covington and Akini Garrett won the game. Playing with only eight players, the Soccers' entire team put their best efforts on the line.

Goal Busters 5, Stings 0
 Two goals by Joe Mechtenberg

and Jonathon Michelson and one by Mark Castillo resulted in victory. Mike Frederick helped to shut out the Stings. Efforts by David Prince, Rodney De Los Reyes and Ben Coleman weren't enough to halt the Goal Busters.

Division IV
Hornets 5, Aztecs 3
 Excellent defense by Steve Lundwall, Mike Leary and Mike Dodson, two goals by Mike Ogren and one by Tom Foissy weren't enough for the Aztecs. The Hornets did not turn in a score sheet.

Gun club plans rifle competition

Sierra Desert Gun Club's next League Silhouette Match will be held next Saturday, April 15, at 8 a.m. The match fee is still \$1.

According to Nelson Foucher, the club's high power executive, the match is open to civilians and military personnel. "If you don't have a high power rifle, but would like to participate, call me at 375-1252," he said.

People wanting more information can call Foucher at 375-1252. If more information about the club is required, call Charles Beach at 375-2900.

Events are for military

Attention active duty military personnel! A variety of sporting events are upcoming and are open to active duty military personnel.

The Southern Pacific Sports Conference upcoming events are:
 • Soccer Eliminations — May 8-12, Pt. Mugu;
 • Table Tennis (Men's and Women's Divisions) — April 24-28, Naval Station San Diego;
 • Rifle and Pistol — May 13-19; NAS Miramar.

For further information about any of these events, please call Mike Slobodnik, athletic director, NWC ext. 2334.

Golf course prepares for tournament

NWC's Golf Course is gearing up for the Fifth COMO Scramble Golf Tournament, which will be held on Center April 29 and 30.

The COMO Scramble is a 36-hole, two-day tournament open to all men over 18 years of age having valid SCGA handicaps (high school golfers are not allowed to participate). All play will be from the white tees.

Entries are limited to 144 golfers on a first-come, first-serve basis. The entry fee, not including green fee or cart fee, is \$45 per person.

On Friday evening, April 28, there will be a no host cocktail hour, with hors d'oeuvres, starting at 6 p.m. at the China Lake Golf Course (CLGC) Club House.

On Saturday, April 29, registration for the tournament is at 6:30 a.m. The Shotgun Scramble is set for at 8 a.m., while the Horserace is scheduled for 1:30 p.m. At 5 p.m., dinner will be served at the CLGC Club House.

Sunday's events include registration at 6:30 a.m., Shotgun Scramble at 8 a.m. and awards and door prizes will be awarded at 2 p.m. at the club house. Winners must be present. Over \$3000 will be awarded in prizes.



CONGRATULATIONS—Cdr. R. Titi, Officer-in-Charge of the Branch Medical Clinic, congratulates HN Amie S. Hardtke on being selected Sailor of the Quarter for the Second Quarter, Fiscal Year 1989. Capt. Cote, Commanding Officer of the Naval Long Beach Hospital, which is the clinic's parent organization, looks on.

Sailor of the Quarter HN Amie Hardtke honored by clinic

"It is a distinct pleasure to have you as a 'military professional' of my command," said LCdr. R.J. Titi, Officer-in-Charge of the Branch Medical Clinic, when he told Hospital Corpsman Amie S. Hardtke she was selected as the clinic's Sailor of the Quarter for the Second Quarter, Fiscal year 1989.

As a member of the administration team in the Administration Office, Hardtke says she keeps busy with clerical duties, as well as compiling the MEPRS II (Medical Expense Reporting System) monthly report.

Hardtke has been in the Navy for three years and was assigned to the Branch Medical Clinic, NWC, in July 1987. The clinic is a branch of the Naval Hospital, Long Beach.

A registered Emergency Medical

Technician (EMT), Hardtke pulls her share of duty. "Duty involves seeing the patients and performing any needed preliminary work before the doctor sees them," the corpsman said. "We also try to have whatever medical supplies the doctor might need ready for him when he needs them."

Titi concluded his congratulations by saying, "Your sustained superior performance in the clinic's Administrative Office and as the MEPRS II coordinator were the key factors in your selection. Your industrious attitude and professional dedication to accomplishing these new and unaccustomed assignments has had a positive impact on the clinic staff morale and overall medical team effectiveness."

Hardtke is the proud mother of a 14-month son, Mikel Lee.

Police still use radar

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next

week are listed below.
 •Monday — Inyokern Road.
 •Tuesday — Poleline Road.
 •Wednesday — Sandquist Road.
 •Thursday — Burroughs Avenue.
 •Friday — Blandy Avenue.
 Violations may be cited at anytime as well as in areas other than the ones mentioned above.

Sealed bids are being accepted by Navy Exchange for vehicles

Sealed bids are being accepted for the Navy Exchange surplus vehicle sale. A 1975 Dodge 200 pick-up truck in fair condition, and a 1973 Clark MTW25 Electric forklift in good condition will be offered.

Vehicles may be examined at the Navy Exchange Auto Service Center,

Building 1140, and will be sold on an "as is" basis. Sealed Bids will be accepted through April 13, and should be forwarded to: Navy Exchange 110-182, Naval Weapons Center China Lake, Bldg. 19, Ridgecrest, CA 93555, Attn: Officer in Charge.

Bids will be opened on April 14, 1989. The Navy Exchange reserves the right to accept or reject any or all bids. Successful bidder will be notified and must present a certified check or money order for the amount of the bid prior to changeover of ownership.

Be thoughtful to secretaries

Secretaries' Week is April 24 through 28. Don't forget the person who has been such a help.

CRAFTECH has created a unique mug, filled with a floral arrangement, with that special secretary in mind. The fee for this "thoughtful gesture" is \$20 per arrangement.

To reserve this special gift, call NWC ext. 3387 prior to April 17.

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ANGLO FESTIVAL
 July 5-12, 1989

LONDON OR BUST!

BURROUGHS HIGH SCHOOL ORCHESTRA
 RIDGECREST-LONDON

Burroughs High School Orchestra was one of among three orchestras in the country to be invited to the Anglo-International Music Festival in London this summer. The Orchestra will represent California and will be doing fund raisers 'til July for the trip to pay for the 34 students' trip. Each of which costs approx. \$1,000.

If you would like to help, please fill out coupon below and mail with donation. Thank You!

BHS Orchestra wishes to thank the American Legion's \$1,000 donation.

Yes! I would like to help launch the Burroughs High School Orchestra on their trip to London. Enclosed you will find my contribution of \$_____

Please mail to: BHS Orchestra, 1539 N. China Lake Blvd., Ste. 537, Ridgecrest, CA 93555.

I want my contribution to assist:
 Name _____
 The Entire Orchestra

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 Rabies, Distemper & Parvo Shot Clinic

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COSO DOG FANCIERS OF CALIFORNIA

Where: Ridgecrest Animal Hospital, 714 E. Bowman Rd.
 Time: 7:00 p.m. - 8:00 p.m.
 Cost: Parvo - \$7.00
 Combined DHLPP & Parvo - \$10.00
 Corona Virus Vaccine - \$10.00
 Rabies - \$4.00

RCP (Feline Distemper) - \$7.00
 Feline Leukemia Vaccine - \$15.00
 Feline Rabies - \$4.00

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A NICE MOMENT AT HOME—AC2 Peggy Williams, an air controller stationed at San Clemente Island, spends time with her family on her off days. "Moments with my family are what keeps me going through the week," Williams said. Her family includes her husband, Jude, and children, (from left to right) Kyle, Melissa, Amanda and James.

Family life is extra special to mom who's on sea duty

(Editor's note: This article is the first of a series on family life in the military as we celebrate April, *The Month of the Young Child*.)

"We miss mommy when she is gone," said James Williams, son of Jude and AC2 Peggy Williams. "But, I'm glad she works in the Navy because she brings neat presents home."

The Williams have four children: James, 8; Amanda, 6; Melissa, 5; and Kyle, 2.

AC2 Williams, an air traffic controller stationed at San Clemente Island, commutes from her duty station to NWC each week. "We work five days, have three days off and then work eight days, followed by another three days off," said the sailor.

"It's hard leaving the family each week, but I feel Navy life is more stable than civilian life," she added. Williams has been in the Navy for 11 years. "With the support of my husband, our many friends, and NWC's Children's Center, I can continue with a career and a family life." Williams' husband, Jude, is a truck driver with Johnson trucking.

According to Williams, he is her biggest supporter. "When I am torn between my family and my career, Jude gives me that extra boost to go on," Williams said. "He knows I have worked hard to get where I am."

"My biggest problem is when I come home," explained Williams. "I want to do everything at once. I've had to learn to balance family responsibilities with Jude and to make our marriage into an equal partnership."

"I've had to learn different priorities, too," said William's husband. "I'm not nearly as strict with the kids as I used to be. But, since I've had full responsibility of the kids, I feel we are closer now," he added.

"It still pains me when Kyle, or any of the kids, go to their father for their special hugs or kisses. They used to come to me first," mused Williams. "But it's nice to know that the kids are so comfortable with their dad."

According to the Williams,

weekends are a special time. "We spend our time together as a family. Jude takes it easy and I get to do all the little things I missed during the week, including spending time with my kids," she said.

"This is the kind of situation that can make or break a marriage," said Williams. "But I think we are handling everything just fine."

"I wouldn't feel so good about leaving my family if it wasn't for our good neighbors, our family living in the area, and the care given at the Children's Center," added Williams. "Knowing they are there and are willing to give Jude a helping hand gives me peace of mind."

CHILDREN'S FAIR
SOLAR PARK
April 8
10:00 to 2:00
FREE ADMISSION



Children's fair has plenty of activities

Puppets, rock bees, dramatic plays and dance, leapin' lizards and caterpillars are just a few of the things children and parents alike will see at tomorrow's (Saturday) Children Fair. The fair, held in conjunction with the *Month of the Young Child*, is set for Solar Park from 10 a.m. to 2 p.m.

The NWC Children's Center will conduct a motor development arena for the children, which will include such activities as the bean bag toss, balance beam, crawling through hoops and obstacle course.

Other area preschools and organizations are also donating their time

what's needed to make rock bees and the High Desert Child Abuse Prevention Council will have a booth to make pet rocks.

Parents, as well as the children, will enjoy watching the puppets provided by Park Preschool and the dramatic play and dance put on by the Cerro Coso Child Development Lab.

Parents can also take advantage of the free fingerprinting services supplied by the China Lake Fire and Police Divisions. Let Sparky (Fire Division) and the Keystone Cop and Safety Dog (Police Division) entertain the kids while parents take a step in protecting their children.

Spend some time with your children. What a beautiful way to show them your love.

and energies to provide fun-filled booths. Painting activities will be provided by Immanuel Christian School (easel painting) and Norma Square Preschool (marble painting). Fair goers will enjoy playing with the balloons and playdough provided by Rainbow Ridge Nursery School. The 4H Club is hosting a special infant/toddler play arena.

How can children have fun if they can't use their imagination and really get into making things? Heritage Montessori will provide ways to make rice flowers. Ridgecrest Christian Nursery School will have

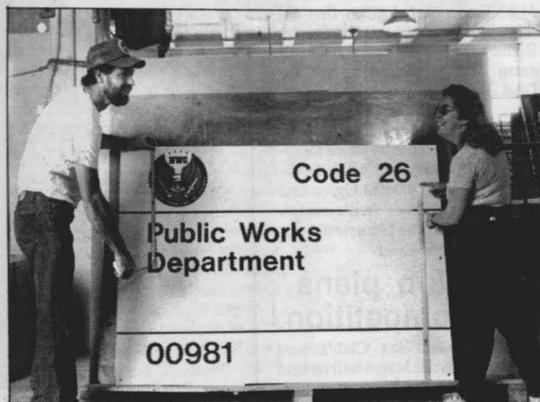
Attendees will also enjoy watching the leapin' lizards and caterpillars supplied by the Leapin' Lizards School Age Center.

Children can test their dexterity and memory as they put together puzzles supplied by the Indian Wells Valley Association of Retarded Citizens (IWVARC).

The Friends of the Children's Center will be on hand selling hot dogs and soft drinks to help refresh fairgoers' spirits and energy.



NWC signs being made to reflect consistent image by functional use



SIGN OF THE TIMES—Dennis Medley and Barbie Parsons make sure the sign measures up. These Public Works Department staffers work in the Sign shop. Photo by PHAA Cary Brady.

A computerized letter-making unit is helping the Public Works Department (PWD) provide aesthetically pleasing, yet practical, signs at the Naval Weapons Center.

"This new machine saves us lots of time," said Glenn Dunn, project manager, Maintenance Repair Branch. "Before, we hand-lettered all Center signs. The machine produces adhesive, pressure-sensitive vinyl letters which are weather-proof."

Sign program is coordinated, functional and economical.

"All new signs are made of aluminum with anodized posts, so they require little, if any, maintenance," he added.

"Using this machine has helped us comply with the new Base Exterior Architecture Plan (BEAP)," he explained. "The BEAP is a Command-approved program to

establish a coordinated signage system for the Center."

Signs will now be consistent across base, but will be coordinated by function. For example, signs at the labs and at the airfield will be on blue backgrounds with white reflective letters while beige signs with brown letters will be used in the headquarters area.

Thirty signs are either up or nearing completion. The new signs by the



UNIFIED LOOK—Glenn Dunn poses next to a sign produced by the new computerized letter-making unit at the Public Works Department. Photo by PHAA Cary Brady.

"Wings" anthology to feature American warplanes in series

NEWS USA—Remember those old World War II movies with those dashing young pilots fearlessly diving in Pacific theater dogfights with their twin-tailed Lockheed P-38 Lightnings?

Or the durable Boeing B-52 Stratofortresses, the watchdogs of the Strategic Air Command, standing guard 24-hours-a-day against a possible nuclear attack from the Soviet Union?

The story of the design, production and use of warplanes—and the brave and ingenious people involved—is a fascinating and romantic true adventure which The Discovery Channel is presenting in an on-going anthology of documentaries, called "Wings."

Most people do not realize that America went, in five years, from a third-rate air power in 1938—behind Germany, Japan and Britain—to the strongest air force in the world in 1943, a rank it still holds today according to most military analysts.

The excitement and drama of the nation's evolution from mainly peaceful aeronautics to dominance in airborne warfare also includes such developments as North American's F-86 Sabre jet, the first real high-tech air force fighter plane, and the swing-wing Grumman F-14 Tom Cat fighter now in use by the Navy on aircraft carrier patrols.

The first true intercontinental long-range bomber was the old Convair B-36 Peacemaker which had six engines, covered ten thousand miles and went a rattling 410 miles per hour. It dominated SAC for a decade starting in 1946 and was later replaced by the B-52.

Pilots in these planes have gone from hand-held machine guns to an array of computerized search and destroy weapons. They must master

sophisticated and deadly electronic equipment to help them successfully assault their targets and also to fool enemy attackers.

Oddly enough, probably the most famous single plane in American military history was a slow-moving modified bomber which limped off near the Mariana Trench on August 6, 1945. It was, of course, the "Enola Gay" and its fatal cargo—the first atomic bomb used in combat—which

changed the face of our earth forever when it fell on Hiroshima.

The anthology reviews the last fifty years of warplane development. It reports both the glamorous episodes and the unsung heroes who risked their professional reputations and their private funds to insure American air superiority. "Wings" airs Wednesdays at 6 p.m. on The Discovery Channel, Channel 34 (Desert Cable TV).



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