



It's time to 'clean up & fix up

	Max	Min	Gusts
Thurs.	102	49	22 knots
Fri.	104	54	16 knots
Sat.	102	55	21 knots
Sun.	103	56	16 knots
Mon.	102	57	25 knots
Tues.	95	59	13 knots
Wed.	92	61	17 knots

All measurements are made at Armitage Airfield.

Time is running out! "Up With Ridgecrest! Clean Up! Fix Up! Paint Up!" is tomorrow! Everyone is invited to participate. Those who wish to join the Desert Planters of Ridgecrest, National Council of State Garden Clubs, Inc., as well as California Garden Clubs, Inc., in this nationally endorsed and supported project, are invited to call

375-2107 before tomorrow or at Clean Up headquarters (back parking lot of the Kern County Offices Building, 400 N. China Lake Blvd.) before 8 a.m. On checking in, every worker will receive cotton gloves donated by NWC, a number of trash bags from the Kern County Fire Department and will be assigned an area to clean. All

participants will receive at least one certificate from Carls Jr., Al & Reed's Ice Cream, Taco Bell and/or Kentucky Fried Chicken, depending upon how many request them. Coupons will be delivered at the individual work sites. Groups and individuals must provide their own transportation to and from their work sites and are respon-

sible for their own group. It is recommended groups and individuals have safety gear, first aid kit, extra hats, water, etc. and stay off the roads and highways. Protective boots or shoes, jeans or long pants, long sleeved shirts and sun hats are also recommended. Sun glasses and sun block may be needed if this warm weather trend continues.



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.

Tini Pontrelli, a watercolorist from Newport Beach, will demonstrate his technique at the Desert Art League's monthly meeting on Monday, April 24, at 7:30 p.m. The meeting will be held at the Senior Citizen Center. Pontrelli has an uninhibited approach to painting scenes of the ocean, desert and mountains, using lots of vibrant colors. His works hang in galleries in Morro Bay, Oakhurst and Balboa Peninsula. A workshop (two afternoons) is planned April 22/23 for local folks. If interested, please call Donnie Woods at 375-7243.

The public, but especially members of the American Association of Retired Persons (AARP), are cordially invited to a dance sponsored by AARP on April 15 from 3 to 6 p.m. For only \$1 per person, dance to The Big Band X-Press, which will play tunes heard years ago. Burroughs High School Band will have a food concession at the dance, which will help them to raise funds for their trip to England. Parents, bring your kids. Kids, bring your parents.

NWC residents expect water woes

Water pressure will drop this weekend throughout the base as Public Works personnel work on the main water line. According to Randy Kirkendoll, customer relations representative for the Public Works Department, the pressure will be affected from 6 a.m. to 6 p.m. on Saturday. "During this time," Kirkendoll said, "water usage should be kept to a minimum." Anyone needing more information can call Kirkendoll at NWC ext. 3411/476.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 15/April 14, 1989

Extensive renovation of Gym scheduled

(Editor's note: This article is the first in a series covering the planned renovation of NWC's Gymnasium.)

"Renovations will begin on the Naval Weapons Center's Gymnasium very soon," said Mike Slobodnik, athletic director, Sports Branch, Morale, Welfare & Recreation Division. "We have just received word that the remodeling could begin as soon as mid-May. We have been told that the renovation should take approximately 10 months."

According to the athletic director, the gym and indoor pool will be

closed while the renovation is taking place. "We don't know the exact date of the closing, yet, but we want the gym's members to know what is happening," Slobodnik said.

"We were hoping to be able to have the contractor do the work piece by piece and keep the gym open," said Jim Bowen, head, MWR, "however, doing the work incrementally would raise the cost by some \$400,000. We just don't have the money."

"Gym activities will be moved to different locations while the remodel-

ing is being done," explained Slobodnik. "As soon as we decide on the new location and hours for the weight room, we will let members know. Basketball and volleyball teams will move to the Youth Center and the O'Club pool will be used in place of the indoor pool. The hours might not be as flexible as the ones we have now," he noted, "but we will try to be as accommodating as we can."

Slobodnik said, "People with gym membership cards, sports cards, etc. have a variety of choices. We, of

course, hope they will use the alternate sites. But, if the new sites and hours aren't convenient and prevent members from getting the full benefit of their membership, then the members may turn in their cards to the Sports Branch staff. The cards will then be held in hiatus until the gym reopens. The members may then pick up their cards, with the hiatus time added to their expiration dates. Or," Slobodnik added, "members may ask for a refund."

Some of the renovations being planned include the complete

remodeling of the women's lockers, men's sauna, racquetball courts, a new exercise room, new fire exits, a new entrance and new decking for the gym floor.

"I think the renovations will be worth the inconvenience to the members once everything is done," said Slobodnik. "A lot of the complaints we received in the MWR's survey (held last year) will be corrected."

More information on the gym's project will be reported in the Rocketeer as it becomes available.

ASF volunteers vital to security

Providing an essential part of the total security picture for the extensive assets of the Naval Weapons Center, the Auxiliary Security Force (ASF) is comprised of military volunteers.

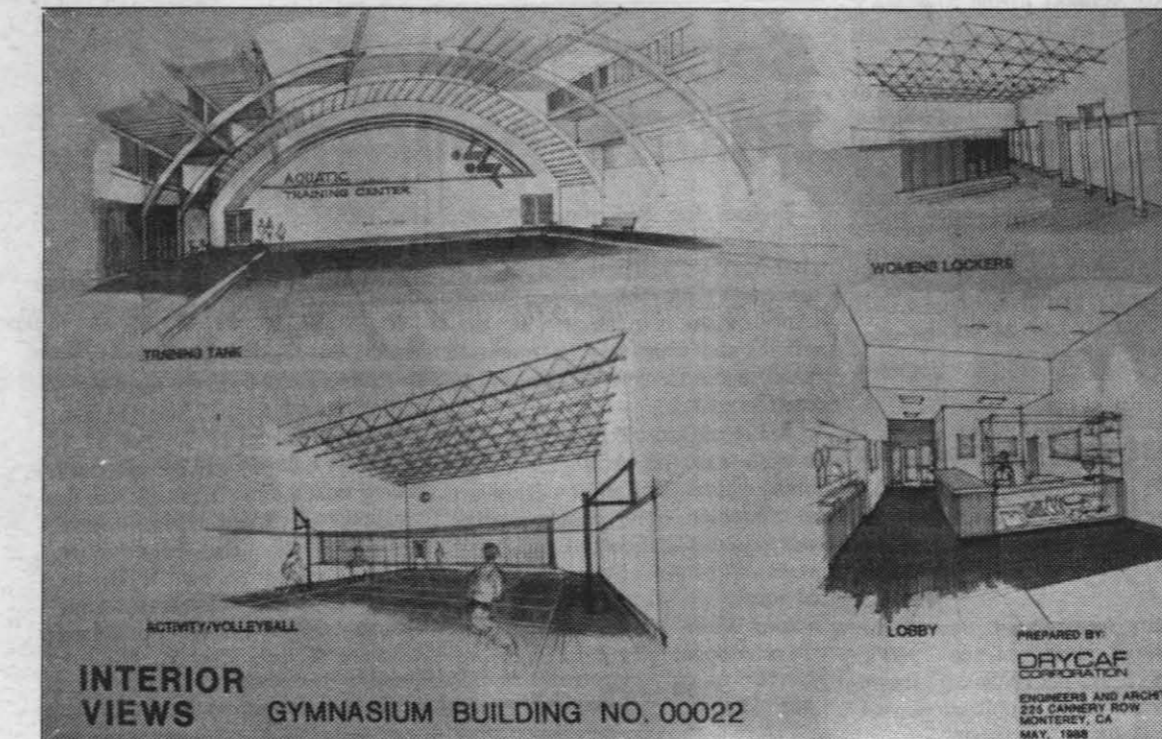
The force, under the leadership of Master Chief John Capazzi, is dedicated to augmenting the NWC security staff in times of heightened awareness.

Operationally, the Master Chief's organization works for the China Lake Police Division (CLPD), a part of the Safety and Security Department. Roy Paris, department head, credits the ASF with meeting a crucial need. "The ASF is a critical function of the Center's security need during any period of heightened awareness," he said. "It would be impossible to staff our in-house security forces at a level sufficient to

meet the requirements needed during an emergency situation."

For the past month, Master Chief Capazzi has been assigned to the force as a full-time assignment. Previously, the management of the force was assigned as a collateral duty. "By making this position a full-time responsibility, NWC is sending a clear signal as to the importance of the ASF," Capazzi said.

Administratively, the ASF Master Chief works under the Military Administration Department. "Our number one priority right now is training," he continued. "We currently have 63 volunteer members. These men and women perform their ASF duties on top of their regular assignments because they gain training and expertise and (Continued on Page 11)



AN ARTIST'S CONCEPT—Many changes will take place during the next few months as the NWC Gymnasium goes under extensive renovation. A few of the planned improvements include completely remodeling the women's locker room, repairing the racquetball courts and improving the men's sauna. While repairs are in progress, gymnasium/pool activities will be changed to different locations. Photo by PHAN Cary Brady

ALRITE II boosts data collection capabilities

Technological improvements in collecting accurate data of NWC's tests continues to be a critical ingredient in the ability of the Center to meet its mission objectives.

A new development by the staff of the Range Department's Instrumentation Systems Division has automated and improved the ALRITE (Active Laser-Radar Instrumentation and Test Equipment) program. ALRITE is a laser-tracking system that provides highly accurate test data within minutes of test completion.

The ALRITE Phase II extends and improves the capabilities of the ALRITE I by incorporating a computer into the tracking device, according to Tom Miller, a member of the Advanced Systems Branch and the project engineer for the development of ALRITE II.

"The ALRITE system collects accurate time-space-position information (TSPI)," said Miller. "Before ALRITE, we had a way of collecting the data using four cinetheodolites, but this method is expensive and

requires time for film-processing and data-reduction."

The original ALRITE system consisted of a GTE Sylvania laser-radar package, a Photo-Sonics Inc. tracking mount that is automatically controlled by the laser radar, and associated data recording equipment.

The components were obtained at the National Parachute Test Range (NPTR) in EI Centro, CA. When the merger with NPTR occurred in 1980, NWC acquired the components and

talent to create four laser-radar tracking systems.

"Wayne Huyler implemented the original system," said Miller. "Without him, there would be no ALRITE today." Huyler, an electronics technician in the Advanced Systems Branch, has provided continuity, as well as engineering, management and fabrication experience for the ALRITE project.

The ALRITE also received critical assistance from Jeff Schwalb, a computer scientist in the Advanced Sys-

tems Branch. Schwalb is responsible for the real time software design, coding and integration with the hardware. He started his assignment as a co-op student and completed the initial system baseline capability as a junior professional.

Part of the team that transferred to NWC from NPTR, Rob Nagels is now head of the Tracking Systems Section, Electro-Optics Branch. As the operational side of the division, (Continued on Page 6)

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NWC's Wellness Corner



(EDITOR'S NOTE: Following is the first part of a two part series on lowering individual cholesterol levels)

What are you going to do if your cholesterol is greater than 200 mg.dl? You are going to make a few minor adjustments in your lifestyle. All of these suggestions have been scientifically researched and proven to lower serum cholesterol levels. It just takes time. If you sincerely begin these changes today, you can expect to see results in about two to three months or at the next Wellness blood draw in the fall.

First and foremost is to lower your saturated fat intake. Some investigators advocate reduction in fat intake to 20 percent of the total calories. Saturated fats are found in whole milk dairy products and beef. Avoid fats that are solid at room temperature such as margarines, butter, and hydrogenated peanut butter.

Although many products, such as peanut butter and margarines, are initially made from unsaturated (liquid) oils, through processing these liquid fats are hydrogenated or converted from a liquid form to a more functional (from a foam technology standpoint) solid form by adding hydrogen.

Hydrogenated fats have the in terms of elevating serum cholesterol as do the saturated fats. Two other oils which should be avoided are palm and coconut oils. These oils are commonly used in the processing of ready-to-eat cereals, crackers, and other snack type foods.

There is new evidence although

including large amounts of polyunsaturated fatty acids (PUFA) in your diet may decrease one's overall total serum cholesterol, they also decrease one's good cholesterol, the HDL. You do not want to do this. Therefore, it is recommended that to decrease one's cholesterol without sacrificing your HDL cholesterol, you should eat monounsaturated fatty acids such as oleic acid.

Oleic acid is found abundantly in olive oil. Use conservative amounts of PUFAs in your diet (about 10 percent) and choose oils such as sunflower, safflower, and corn. These are not always the best oils in terms of functionality for the food product or recipe, so some creativity may be needed to adapt your cooking methods or recipes for use with these oils.

When selecting meat, avoid fatty cuts of meat (like bacon and spare ribs) and organ meats. Fish and poultry as well as pork (surprise, surprise) contain unsaturated fat. To lower total fat intake, select white meat poultry. Liberal use of non-fatty types of fish have been shown to increase HDL cholesterol levels.

The most important lifestyle changes you can make when trying to lower your cholesterol level is to (1) lose weight (if necessary) or maintain your ideal weight, and (2) participate in strenuous exercise, i.e. aerobic exercise at least four times a week for 20-30 minutes per week. Exercise is the single most important factor in maintaining a low cholesterol level.

For further information on lower-

ing your blood cholesterol, we have many pamphlets in the Wellness Office available. In addition, during May, the Wellness program will be offering an excellent class titled, *Dietary Control of Cholesterol*, on May 17 and 18 at the Training Center. More information concerning this class will be advertised in future issues of the *Rocketeer*. At this class, you will receive a wealth of information as well as recipes on all aspects of decreasing your serum cholesterol.

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 SEF VAX (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 terminal 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 sessions will be advertised in future issues of the *Rocketeer*.

Dates and locations for blood draws

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")

Schedule for Second Annual Physical Fitness Assessment

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
Testing	May 8-12	Branch Medical Clinic

Post Brief Schedule

Location	Date	Time
RCC Conference Room	April 17	10 a.m.
PW Bldg. 981 Conference Rm.	April 18	1 p.m.
CLPL Cafeteria Conference Rm.	April 19	11:30 p.m.
Training Center, Rm. 114	April 24	1 p.m.
Michelson Lab, Rm. 1000D	April 27	1 p.m.
Management Center	April 28	1 p.m.
Michelson Lab, Rm. 1000D	May 3	1 p.m.

Or call the Wellness Hotline, NWC ext. 3162.

Secretaries Week tickets now on sale

Tickets for Secretaries Week's breakfast buffet will be on sale beginning next week. The buffet, in conjunction with Secretaries Week (April 24-28), is to honor NWC secretaries and what they have contributed to the Center. Tickets are \$6 (cash or check).

The breakfast will begin promptly at 6:30 a.m. on April 25 at the Enlisted Mess. The buffet will consist of scrambled eggs, bacon, orange juice, biscuits, coffee and tea. Door prizes will be given away throughout the meal.

Julie White, the kickoff speaker, will offer opening remarks following

the breakfast at 8 a.m.

The tickets will be on sale in the following locations at the dates and times listed below:

- Michelson Lab (main lobby) — April 17 — Jeanne Thatcher and Linda Brantner will be in the main lobby selling tickets from 8 to 9:30 a.m.
- CLPL1 (Room 1) — April 17 — Rosemary Langley will be in Room 1 selling tickets from 10 to 11:30 a.m.
- Hangar 3 (Room 3209) — April 18 — Jennie Canfield will be in the Pilots Lounge from 8 to 9:30 a.m.

For more information, call Jeanne Thatcher, NWC ex. 4676 or Susan Read, NWC ext. 3591.

EEO work honored by awards



AMERICAN HERITAGE WEEK

Honor and distinction will be awarded to the recipients of the Annual Equal Employment Opportunity (EEO) Awards at the American Heritage banquet on Wednesday, June 7.

Nominations for the awards are now being accepted. Three different individual awards and a department award will be presented.

Supervisors and managers (military and civilian) at all levels who excel in promoting EEO within their organizations are eligible for one award category.

Persons within programs, activities, or projects with EEO implications, whose work area is not specifically EEO, are eligible for the second award category.

Equal Employment Opportunity program leaders who have specific responsibilities for EEO are eligible for the third program.

Every department is considered for the group award; individual nominations are not necessary. This award is

presented to the department that produced the overall best affirmative employment results, as reflected in the workforce profile.

Nominations for the individual awards are due by April 20 to Code 221.

Representatives from the Center's EEO Advisory Committee will review the nominations and forward them to the Commander, NWC, and the Technical Director with their recommendations.

Final selections will be made by the Commander and the Technical Director.

Questions on the award program can be referred to Kathy Kraft, NWC ext. 2738.

'Quality' is topic of text

Quality has become one of the competitive issues of the 1980's. With this trend, the Technical Library has been adding to its collection in the area of quality management.

Managing Quality: the Strategic and Competitive Edge, by David A. Garvin, is the first addition to the Technical Library collection. The aim of Garvin's book is to provide a deeper understanding of successful quality management by drawing on evidence from both the United States and Japan.

The author has organized his text into three areas: (1) the conceptual issues of quality management, (2) the analysis of a representative case study of quality in a single U.S. industry, and (3) a comparison of U.S. and Japanese approaches to quality management.

This book, now available in the Technical Library circulating collection, can be located with the following information:

Garvin, David A. *Managing Quality: the Strategic and Competitive Edge*. The Free Press, 1988. HF5415 I57 G37 1988.

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SOLD	SOLD	SOLD	SOLD	24	36
SOLD	4	SOLD	SOLD	23	37
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Selection process outlined

Washington (NES)...The 13th article in the *All Hands* Rights and Benefits series focuses on the E-7/8/9 selection board process, providing valuable insight into how you can make it work for you. Beginning with a look at how each selection board is put together, *All Hands* takes you on a step-by-step tour of the advancement system for senior enlisted personnel, which is quite different from the system for junior members.

With the establishment of the master chief, senior chief and chief petty

officer selection boards, the enlisted evaluation has become as important to senior enlisted advancement as the fitness report is to officer promotion. *All Hands* tells you what the professionals at the Navy Military Personnel Command look for in an evaluation and how to make sure yours is as competitive as possible.

Equally as important to your chances of success is an up-to-date, correct and complete service record, and *All Hands* shows you how to get a copy of your Naval Military Person-

nel Command microfiche service record and improve your chances before the board by ensuring that it's selection-board ready.

For more information on the Navy's E-7/8/9 selection board process, see your command career counselor or the January 1989 issue of *All Hands*. A limited number of copies are available from the Public Affairs Office, Naval Military Personnel Command (NMPC-05), Department of the Navy, Washington, D.C. 20370-5005.

Former Sea Service personnel make some of the best chaplains

When Marine Lance Corporal Dennis Rochford was wounded in Vietnam, his platoon leader, 2nd Lieutenant Ray Smith, never thought he would ever see him again. Today, Colonel Ray Smith, the Commander of the Eighth Marine Regiment, is elated. His former radioman has returned to serve with the Marine Corps as "Father" Dennis Rochford, the Chaplain of the 22nd Marine Expeditionary Unit.

"The Sea Services need more chaplains like Father Rochford if its half-million Catholics are to have their spiritual needs met," said Navy Chief of Chaplains, Rear Admiral Alvin B. Koeneman. Currently short some 100 Catholic Chaplains, Rear Admiral Koeneman would like the Sea Services to identify more future chaplains from within its own ranks. He has asked all Catholic Chaplains to promote vocation awareness.

The military, with its predom-

antly youthful population, has proven to be a rich source of religious vocations. "Initial studies indicate that more than three percent of the priestly vocations in the U.S. come forth from the military services," reports Father Gene Gomulka, a Navy Chaplain who serves as Head, Ecclesiastical Relations and Recruitment Branch for the Navy Chief of Chaplains. The 680 Catholic Chaplains currently on active duty in the military represent only 1.3 percent of American Catholic priests. Chaplain Gomulka stated: "Steps must be taken now to insure that priests with military backgrounds return as military chaplains."

Hoping that bishops, vocation directors and personnel boards will take note of the Navy's efforts to promote vocation, Chaplain Gomulka remarked: "The military is a major source of priestly vocations.

For the good of their own dioceses, bishops and personnel boards would be wise to release priests to serve as role models in the military."

Chaplain Gomulka identified a large number of active duty personnel and military dependents who have become priests. Some examples include Father James Dowds, an Oblate of St. Francis de Sales and Father Robert Schaller, a priest of the La Crosse Diocese.

Both were former sailors who attribute their interest in the priesthood to their Navy Catholic Chaplains.

In an age of decreasing vocations to the priesthood in the United States, the Naval Service is working hard to promote vocation awareness within its generally youthful community. Some 20 Catholic Navy Chaplains will return to their dioceses and religious communities in 1989.



NWC REPRESENTATIVES—The NWC Color Guard led the teams of the Indian Wells Valley Youth Baseball League during Opening Day Ceremonies Saturday. The Color Guard consisted of (from left to right) AZ3 Thomas Watts, AE2 Charles Peal, AQ3 James Fletcher and ATAN Greg Rhodes. Photo by Peggy Shoaf



The Skipper Sez...

ATTABOY!

Captain, for the past 16 years, I've had the privilege of attending services at the All Faith Chapel. Throughout the years, I've marveled at the Chapel staff's dedication to the Center and community. The recent Martin Luther King's service was a wonderful example of the community and the Naval Weapons Center's ability to accomplish great things. The service was most inspirational and a credit to so many people.

I'd also like to thank YOU for your contribution to the "total person" by allowing the *Rocketeer* to publish articles on wellness programs and, in particular, Chapel Call.

Chaplains Casimano, Beede, Williams and Student Rabbi Goldstein have been writing wonderful articles in Chapel Call on various, thought-provoking subject matters. These articles have to be just one more thing to add to their already heave workload...But there are so many of us, of all ages and creeds, who are learning more and feeling better for reading contents of these articles.

Would you please express our appreciation to the chaplains, rabbi and Chapel staff for their outstanding representation of the Center, and of their constant dedication to God? These people have incredible rapport with all the people they are in contact with and all the churches in Ridgecrest. They are truly ecumenical. The manner in which they conduct themselves is exemplary and serves as a reminder to many of us to be a little more patient and a little more giving in manner in which we perform our work responsibilities.

Thank you.

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.



MOMENT OF PRIDE—Major Ed Holcomb receives his gold oak leaf pin from his wife, Mary Ann, during his promotion ceremony at the Marine Aviation Detachment (MAD) facility last Thursday. Major Holcomb, an AV-8B Harrier pilot with VX-5, received his new rank from Col. Barry Banks, commanding officer, MAD. Photo by PHAN-Cary Brady.

New chaplain arrives at All Faith Chapel

“Working with troubled families will be one of my main priorities,” noted Lt. Gerry Goodman, the new chaplain for the All Faith Chapel at NWC. “We have families at NWC who are having problems and don’t know where to go. I want to be able to help them and to assist them in strengthening their family unit. Family ministry pastoral care is my main field,” he added.

Lt. Goodman received his bachelor’s degree from Southwest Baptist University in Bolivar, Missouri. He received his Master’s of Theology from the Midwestern Baptist Seminary in Kansas City, Missouri. Presently, the new chaplain is working on his doctorate from Fuller Theological Seminary in Pasadena.

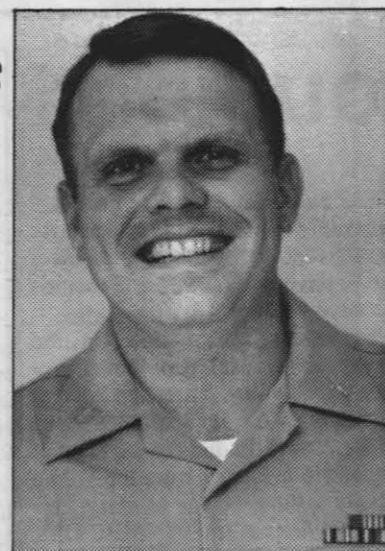
A southern Illinois native, Lt. Goodman has been in the Navy for six years. During that time, he has been stationed at the 1st Naval Station, Subic Bay, Philippines; Third Marine Air Wing, El Toro, Calif., and the USS Wabash, stationed at Long Beach, Calif.

“Getting my family back together as a family unit is also one of my priorities,” the chaplain said. “I have been gone on the USS Wabash for quite a while, and my family and I need to adjust to being together again.”

Chaplain Goodman and his wife, Colleen, have four children, Julia, 8; Sarah, 5; David, 4; and Naomi, 1 1/2. “My wife has always been active in my ministry,” said the chaplain. “We met while both of us were attending the seminary so she helps me with my work.”

According to Lt. Goodman, his entire family is happy to be at NWC. “We like being where we can be a family and not be separated,” he said. “We like the small town atmosphere and, especially, the clean air. With the mountains so close, we plan to do a lot of camping.”

Chaplain Goodman is replacing Lt. Claude Beede, who is scheduled to depart NWC later this month. He will be in charge of all protestant services, assisted by Lt. G.E. Williams.



NEW CHAPLAIN—Lt. Gerry Goodman recently came onboard as the new chaplain at the All Faith Chapel. The six-year veteran specializes in family ministry pastoral care. Lt. Goodman is replacing Chaplain Claude Beede, who is scheduled to depart NWC later this month. Photo by PHAN Cary Brady

Hail and Farewell set for NWC chaplains on Sunday

On April 16, a “Hail & Farewell” potluck dinner will be held by the protestant congregation of the All Faith Chapel to welcome Lt. Gerry Goodman as the new chaplain and to say goodbye to Lt. Claude Beede, who has been transferred to sea duty on the USS Dubuque.

The dinner, which will begin at 5:30 p.m. will be held in the East Wing of the chapel.

Anyone who would like to make a presentation to Chaplain Beede at this farewell dinner, or would like more information, can call Eleanor at NWC ext. 2873.

Thomas invites views on issues

Congressman Bill Thomas has announced that a member of his staff will be in Ridgecrest on Tuesday, April 18 to meet local residents on federal government related problems and to get their views on issues of national interest.

Congressional district office hours in Ridgecrest will be held at the Ridgecrest Chamber of Commerce, 301 S. China Lake Blvd. from 10 a.m. to 2 p.m.

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.

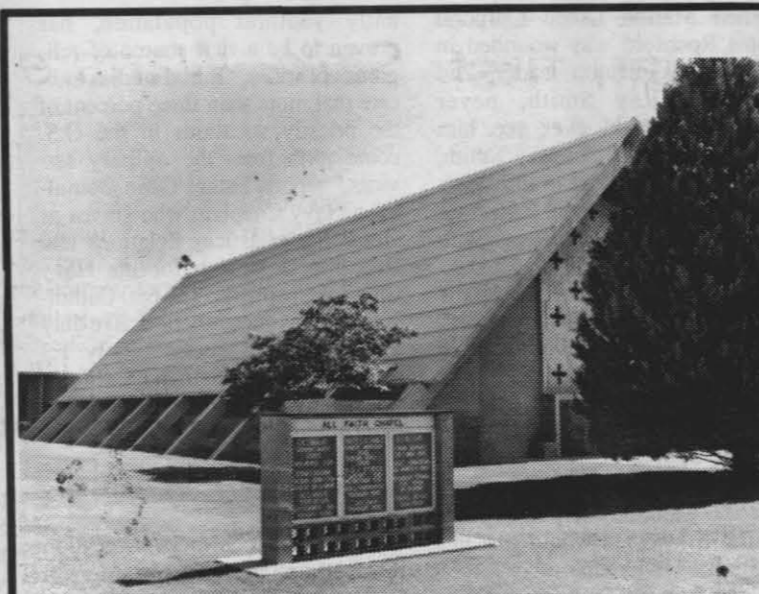
It is recommended that people coming to the performance should bring a blanket or lawn chair for their comfort.

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

Scholars can apply

Applications are now being accepted for scholarships offered by the China Lake Military Officers’ Wife’s Club (MOWC) to dependent children and spouses of active duty or retired military personnel. The scholarships may be used to pursue either

a college degree or a vocational education. The applications, which may be obtained from school counselors or from the All Faith Chapel Office, must be submitted to Mrs. Charles Thelen, 344 East Monte Vista, Ridgecrest, CA 93555, by April 21.



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
Student Rabbi Lisa L. Goldstein
Hearing Impaired Equipment, Nursery Available
Phone NWC ext. 3506, 2773, 2873

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



JEWISH PASSOVER

April 19 at sundown, Jewish communities throughout the world celebrate the beginning of Passover or “Pesach,” a festival ordained in the Jewish scriptures to commemorate the Exodus of the Israelites, under the leadership of Moses, from bondage in Egypt. This festival is observed for eight days (Reform Jews celebrate Passover for seven days), beginning on the 15th day of the Jewish month of Nisan, which occurs in March or April.

Observed as a solemn festival, the first two days and the last two days are “Full Holidays,” the other days in between regarded as lesser holidays during which work is permitted.

The first night of the festival is marked by the Seder Service, a ritual meal which is held on the first two evenings of Passover, during which the “Haggadah” is read, an embel-

ished account of the Egyptian oppression of the Jews and their ultimate deliverance by God through the mediation of Moses.

This passage from slavery to freedom became the chief event of the history of Israel. Indeed, the writings of classical Hebrew underscore the fact that this liberation was not an end in itself, but a necessary condition for the receiving of the law on Mount Sinai. Hence, the historical events of the Passover and Exodus from Egypt become a living, personal experience for every Jew in every generation.

Dishes served during the Seder meal are symbolic of certain aspects of the Israelite bondage and the speedy exodus from Egypt accomplished after the visitation on Pharaoh of the “Ten Plagues.”

“Matzoh,” or unleavened bread, is served to commemorate the hurried departure during which there was no time to bake leavened bread; bitter

herbs (“Maror”), i.e., lettuce, endive or horseradish, to call to mind the bitterness of the slaves’ lives not only in ancient Egypt but everywhere; “Zeroa,” or shank-bone of lamb, roasted with some meat on it, represents the lamb whose blood, smeared on the doorposts, signaled the Angel of Death to “pass over” the houses of the Israelites; “Haroset,” a mixture of apples, nuts, cinnamon and wine, symbolize the “mud mixed with straw,” which the slaves used in building Egyptian monuments, and wine, “Yayin,” which “Makes Glad the Heart of Man.” (Psalm 104:15)

A community Seder will be held at the Officers’ Club on the evening of April 20 and will be conducted by Lisa Goldstein, the student Rabbi for Temple Beth Torah at All Faith Chapel.

353 Miscellaneous For Sale

LAWN MOWER, \$30. Call Sam at 446-4886.
NEW POLYESTER YARDAGE. Various prints. Shirts, drapes & womens denim jeans, large sizes. 375-9528

OLDER PIANO, nice for beginners, good keyboard, needs refinishing, \$175. 377-4731.
OLDER PICK UP bed trailer, 4 ft. x 6 ft. box, \$150. 375-9470.

QUEEN SOMA waterbed mattress (perfect 10). Tubular design fits into queen size waterbed box. Six months old, \$350 or best offer (\$535 value) 375-9528.

RAILROAD TIES #1 grade, \$7.50/ea., #2 grade, \$6.75/ea. Brown Road Hay & Grain 377-4318.
SCIENCE DIET Canine & Feline maintenance pet food are now available at Brown Road Hay & Grain. 377-4318

SCUBA EQUIPMENT, full set \$300; 30 gal. aquarium with stand, \$90. 446-5701.
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.

357 Pets
BEAUTIFUL 6 yr. old purebred Arabian gelding “no papers”, experienced rider, \$500 or best offer. 375-3694 after 5 p.m.

BRITANNY 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.

365 Yard Sale
YARD SALE - two couches & two love seats, misc., 8 a.m. - 7 Saturday & Sunday 401 N. Alvard.
YARD SALE - Saturday April 15, 8 a.m. - 2 p.m. Lots of baby things. 907 Youngs Circle on base.

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

6 AC Zone CS, corner location on highway. Frontage near entrance to base. S.E. corner of Richmond Rd. & Hwy 178 - \$61,500 per ac. We'll consider terms. 375-9398 weekdays 9 a.m. - 3 p.m.
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*

IMPROVED TRIPLEX LOTS - Excellent location, near entrance to base. \$20,000 per lot. Weekdays 9 a.m. - 3 p.m. 375-9398.

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. - 12,728, 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*

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*

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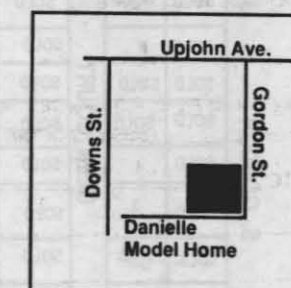
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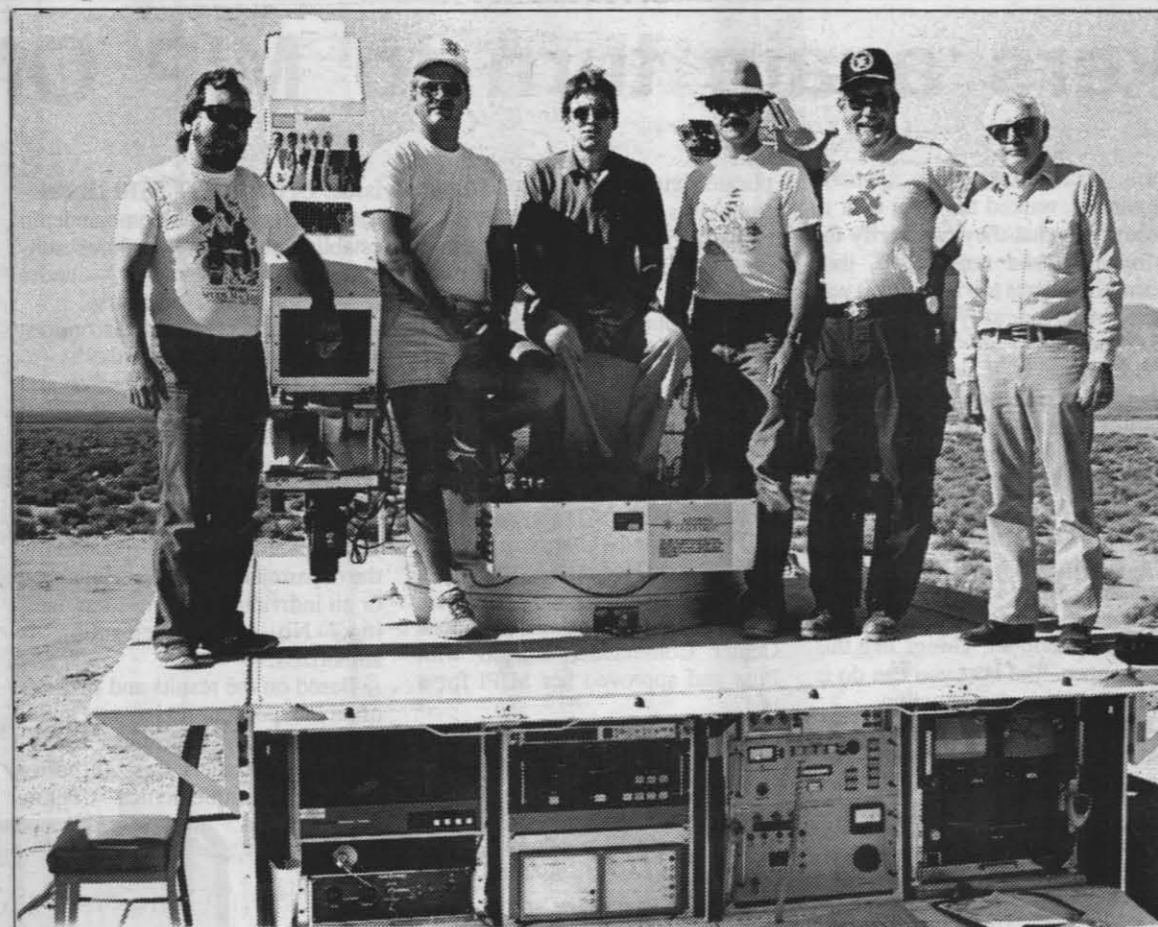
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WELCOME TO ALRITE BEACH—Members of the ALRITE team prepare to track a project using ALRITE II on a NWC range. From left to right are Wayne Johnson, Rick Shedlock, Rob Nagels, Jonny LaBianco, Dave Thompson, and Wayne Huyler. The Center currently operates two Phase I ALRITES and two Phase II ALRITES. Not available for the photo were Ray Kaign and Bill Schorr. Photo by PHAN Cary Brady.

ALRITE II improves tracking

(Continued from Page 1)

Nagels and his staff are responsible for the daily operation of the tracking systems in support of range tests.

During a test, the target carries a small retroreflector. The ALRITE laser tracker locks onto and tracks the reflector. The ALRITE II's micro-processor processes the TSPI quickly and routes it to the Range Control Center (RCC) almost instantaneously via hard line or microwave. With the data available at the RCC, the customers can receive their data at the end of the test.

"The new ALRITE II carries all the benefits of the earlier version with the added benefit of a direct interface between ALRITE II and the Range Integration and Processing System (RIPS), located at the Range Control Center," said Nagels.

Because the equipment is mobile, it is highly practicable for supporting tests on the ranges. "The tracking mount can carry a variety of payloads," explained Nagels. "It can carry video or film cameras and missile seekers under evaluation."

The ALRITE system is unique because of its ability to track targets at very low altitudes (successful tracking at an altitude of two feet has been demonstrated), where radar tracking is prohibited by ground clutter.

"The ALRITE II is a very efficient and accurate system," said Jerry Senn, project engineer, Air Projects Office, Range Department. "An invaluable tool, ALRITE II has supported our software development projects for many different aircraft and for both air-to-air and ground-to-air projects."

The application and integration of both ALRITE versions were completed at the Naval Weapons Center, according to Miller. "We have shared the development within the Laser Users Group, a Department of Defense wide consortium," he said. "There are about 30 of this type laser tracking system used on DoD ranges."

ALRITE II is used daily at the Center by project managers in the Aircraft Weapons Integration Department, Range Department, and Aeorosystems Department. Currently, the division operates two operational Phase I ALRITE's and two Phase II ALRITE's. An additional Phase II ALRITE will replace a Phase I system within the next six months.

Much of the success of NWC's tests depends upon the carefully controlled and documented information garnered on the Center's extensive range complex. The ALRITE II represents a significant piece of instrumentation available to Center users. For more information on the ALRITE II program, call Ron Swor, branch head, Electro-Optical Branch, NWC ext. 6057.

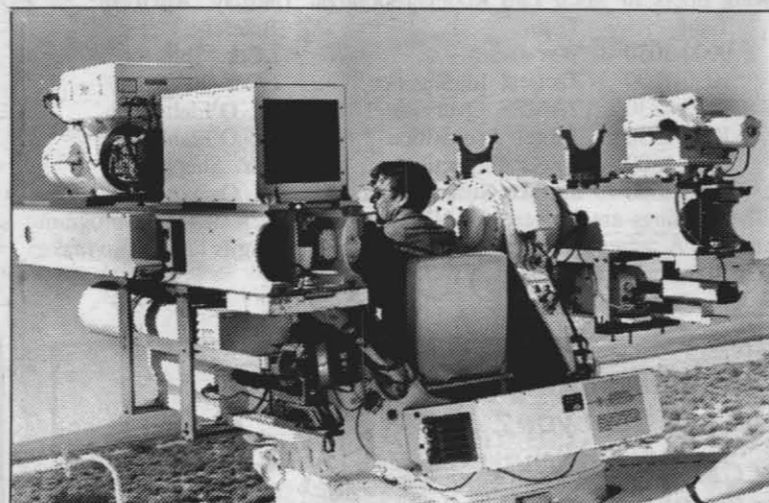
Adm. Busey to FAA

Washington (NNS) — President Bush recently announced his nomination of Adm. James B. Busey IV to head the Federal Aviation Administration.

Busey was put in charge of Naval Air Systems Command (NAVAIR) following a command stint as Commander, Light Attack Wing Pacific at Naval Air Station Lemoore in 1983. He received his third star during that tour. He earned his fourth and became

Deputy Chief of Naval Operations before assuming his current position as the commander in chief of Allied Forces, Southern Europe and U.S. Naval Forces, Europe.

Busey will retire from active duty to serve in the sub-cabinet post. VAdm. Jonathan T. Howe, currently assigned as the assistant to the chairman of the Joint Chiefs of Staff, will relieve Busey and receive his fourth star.



AIMING HIGH—Rob Nagels monitors the tracking activity of the ALRITE II during a recent test. The ALRITE collects test data within minutes of test completion.

Back bar at O'Club remains open

Don't despair, the "Back Bar" is still open for any affair!!! The Officers' Club's back bar is open Tuesday through Friday from 4:30 p.m. to closing.

Enjoy the cozy, friendly setting and good times. Try a friendly game of "CRUD." For further information, call NWC ext. 3387.

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Leave hours are needed by eight

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.

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.

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.

Help is appreciated

To our friends: Thank you all for sharing your love and friendship with us during Leo's recent illness. Especially thanks for that most precious gift of life, your blood donations.

If wealth can be measured in terms of friendship, then you've made us one of the richest, and luckiest, couples in Ridgecrest. With much appreciation and love, Leo and Trisha

Dr. Madrigal visits

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center Thursday, May 18, to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has

external degree programs in computer science which lead to bachelor's and master's degrees.

Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Helen Benes at NWC ext. 2648.

Early registration...

(Continued from Page 18)
12410/73 (Request For On-Center Training) via department channels to Code 224.

If a course is not directly job-related, along with the NAVWPNCEN 12410/73, submit NAVWPNCEN 12420/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, describing how the course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

If you are not yet a California resident, submit DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department channels to Code 224. A job order number is required on the DD Form 1556.

Code 224 will return the approved NAVWPNCEN 12410/73 or DD Form 1556 to you. You must take it

with you to Cerro Coso when you register in order for NWC to pay your tuition.

If you are a co-op student, a NAVWPNCEN 12410/73 or a DD 1556 is not required, simply tell the registrar that you are a NWC co-op student when you register.

Requests for tuition support (NAVWPNCEN 12410/73 or DD Form 1556) must be received by

Close of Business May 9 for Early Registration for fall courses. This will allow the request to be processed and returned to you in time for registration. Those received after that date will be returned and employees will either have to pay the tuition themselves or wait until another semester to register and resubmit the request for tuition support. Employees who pay tuition will not be reimbursed. If you have any questions, please call Cecil Webb, NWC ext. 2648.

Personnel development opportunities

Excel on the Macintosh (16 hours)
May 16-17, 0800-1600, Training Center. By Al Goettig.

Prerequisite: Experience using spreadsheets, programming background or fundamental skills using a Macintosh computer.

Intended Audience: Beginning users of the EXCEL spreadsheet program on Macintosh computers. Course Objectives: In this course

you should learn to use absolute and relative references, command macros, function macros, built-in functions, date & time functions, database operations, and graphics on the Macintosh computer with the EXCEL program.

Scope: An overview of EXCEL capabilities mixed with hands-on examples to illustrate the various features. The course features discussion

and use of numerous spreadsheet management techniques that are built into the EXCEL software. Emphasis is placed on demonstration of the techniques and procedures that are possible with the intention that skill development will be accomplished later.

Presentation Methods: Workshop. Deadline: May 1.

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Personnel opportunities...

(Continued from Page 17)
Engineer/Physicist/Mathematician, DP-801/830/850/855/861/896/1310/1520-2/3, Code 36A2 - The incumbent will act as Associate Production Manager of the Sparrow Missile Systems Programs. The incumbent is responsible for the conduct of NWC production support technical activities to include management of qualification programs of contractors to produce proven designs, transition into full production, and technical management of contractor activities during production. The incumbent will coordinate the technical efforts of various support activities including design engineering, quality, reliability, soldering, documentation, etc., and liaison with technical management elements of NAVAIR and Navy field activities. The incumbent will be responsible for monitoring funds for the accomplishment of assigned duties, chairing meetings to include CCB, preparing and performing presentations regarding the status of assigned projects, and identifying areas of concern that require upper level management attention. To send an updated SF-171 to R. Langham,

Code 36A, NWC ext. 3686. Previous applicants need not reapply.
 No. 62-014, **Interdisciplinary (Electronics Engineer/Physicist)**, DP-855/1310-1/2/3, Code 62352 - This position is in the Laser Systems Section, Advanced Systems Branch, Instrumentation Division, Range Department. The branch is tasked with the development of new range instrumentation and providing engineering support to range instrumentation operators. These efforts include radar, laser tracker, video tracker and manned optical tracker instrumentation. The incumbent will provide technical support to the branch's effort in the development of range instrumentation in the fields of electro-optics and optics. Section emphasis is on laser tracker development efforts. Incumbent will act as technical consultant on other development projects, including application of IR sensors to range instrumentation. Future tasks include planning, researching requirements, and designing of range instrumentation. Status eligibles may apply. To apply send current SF-171 to Tom Miller, code 62352, NWC ext. 6445.

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. 62-023, **Secretary (Typing)**, DG-318-1/2, Code 6251 - This position is located in the Computer Systems Branch, Data Systems Division, Range Department. The incumbent provides secretarial and administrative support to the

branch. Must be able to obtain and maintain a secret clearance. Word processing experience is highly desirable. Experience with the Macintosh computer is preferred. Promotion potential to DG-2. Status eligibles may apply.

CSUN decides classes for external degree programs

Following are classes being offered this summer for the Cal-State University Northridge (CSUN) Engineering Program (bachelor's and master's degrees). To enroll in these classes, submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.
IE 427: Mechanical properties of Materials (3 units)
 June 5-July 24; Mondays and Tuesdays, 1610-1840; Training Center. By Professor Shively, CSUN, (818) 885-3389.

Prerequisite: Introductory course on the engineering properties of materials or consent of instructor.
 Scope: A survey of relationships between mechanical behavior and materials structure. Elements of creep, fracture and fatigue of both metals and non-metals. Methods for evaluating structure property relationships.

Text: Deformation and Fracture Mechanics of Engineering Materials. Richard Herzbergh. Wiley, third edition.
ME 370: Thermodynamics (3 units)

June 2-August 4; Fridays, 1130-1530; five hours on one Saturday to be arranged by instructor with class; Training Center. By Professor Tim Lox, CSUN, (818) 885-2187.

Prerequisite: Calculus III or consent of instructor.
 Scope: Fundamental theories and engineering applications of ther-

modynamics with emphasis on first and second laws of thermodynamics. The thermodynamic properties of solids, liquids, gasses and mixtures. Work-producing and work-absorbing system.

Text: Fundamentals of Classical Thermodynamics. Van Wylene and Sonnte. SI Version. Wiley.

Note: This is a core course for the BSEE program through Cal-State Northridge. This is a foundation course for the master's degree program in mechanical engineering.
EE340N: Electronics I (3 units)
 June 5-August 2. Laboratory at Cerro Coso Community College will be 1300-1600 on Mondays and Wednesdays from June 19-August 2. Lectures will be given at the Training Center on Mondays and Wednesdays from 1300-1900 from June 5-June 14, and from 1700-1900 from June 19-August 2. By Professor David Schwartz, CSUN, (818) 885-4583.

Prerequisite: Electrical circuits' course (ENGR25 at Cerro Coso) or consent of instructor.
 Scope: Linear, piecewise-linear and nonlinear models for active devices and their interaction with passive network elements. Characteristics and behavior of solid-state devices, such as transistors and tunnel diodes. Small signal amplifiers and their analysis.

Text: Microelectronic Circuits. Adel Sedra and Kenneth Smith. Holt, Rinehart and Winston, 1987, second edition.

Note: This is a core course for the BSEE program through Cal-State, Northridge. This is a foundation course for the master's degree program in electrical engineering.
Math 477: Linear Algebra (5

quarter units)
 June 15-July 28; Thursdays, 1300-1600 and Fridays, 0900-1100; Training Center. By Professor Mohamed El-Ansary, CSUB, (805) 664-2130.

Prerequisite: Calculus III (Math 6C at Cerro Coso) or consent of instructor.
 Scope: Linear equations, matrices, vector spaces, dimensions, determinants, linear transformations, eigenvalues and eigenvectors.
Text: TBA.
EE 551N: Digital Signal Processing I (3 units)
 June 5-August 4; Monday-Friday, 1130-1230; Training Center. By Wade Swinford, NWC ext. 2951.
 Prerequisite: EE 351N: Linear Systems II or equivalent or consent of instructor.
 Scope: Difference equations, state equations and frequency-domain analysis of discrete-time systems. Fast Fourier Transform algorithms. Tellegen's theorem and sensitivity analysis. Network structures for digital filters. Digital filter design.
Text: TBA.
 Note: This is a core course for the master's degree program in electrical engineering through Cal-State Northridge.
General Comments
 Job-related courses other than those listed above or those offered under contract with Cal-State Chico or Cal-State Bakersfield must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training.
 For more information about any of these programs or classes, contact Cecil Webb, NWC ext. 2648.

CSUN plans writing exam

On Thursday, June 6, the English Writing Proficiency Test will be given to undergraduate and graduate students of Cal-State Northridge (CSUN). CSUN students should take the exam as soon as application for admission has been approved. Undergraduate students must pass the exam before graduation. The test must be passed before the student is granted unconditional status as a master's

candidate. Graduate students must attain unconditional status before earning more than 12 units of academic work acceptable towards the master's degree. The exam fee is \$12. Checks must be made payable to California State University Northridge (CSUN). Contact Helen, NWC ext. 2648, to arrange to take the exam.

Cerro Coso announces its early registration schedule

Early registration for continuing and new students at Cerro Coso Community College begins May 15 for fall courses. Early registration for continuing students will be May 15 and 16 by appointment and May 17 on a walk-in basis. New students attending orientation may register on May 15 and 16 by appointment only. Schedules, which should be released by Cerro Coso approximately April 21, will be available in

the Training Center lobby. The Center will pay your full tuition if you are enrolled in courses provided under the NWC/Cerro Coso Contract. If you can show that courses are job-related or will strengthen your contributions to the Center's mission, your tuition will be paid directly to the college by Code 224.

You must submit NAVWPNCEN (Continued on Page 19)

How Your Whole Troop Can Fly For Half Fare.

Many airlines offer discount fares for military personnel. But USAir and Piedmont give military dependents equal treatment.

On USAir and Piedmont, your dependents get the same discount you do—50% off the regu-

lar coach fare. And there are virtually no restrictions.*

Our military fares are good on every USAir, Piedmont or Allegheny Commuter flight, every day, to any U.S. destination.

Better still, your dependents fly 1/2 fare whether they're traveling with you or not.

So next time you're taking off on civilian maneuvers, contact your base leisure travel office. Or call USAir toll-free at 1 (800) 428-4322. Or Piedmont toll-free at 1 (800) 251-5720.

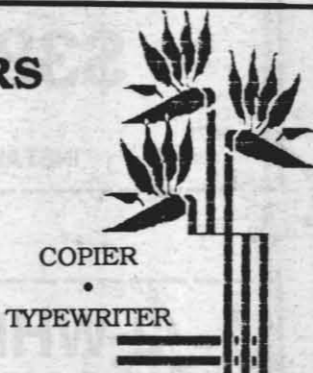
And fly the airline that gives special treatment to the people most special to you.



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*You must present your green active-duty military I.D., or your dependent I.D. marked "active." Discount does not apply to official military travel. Military Fare seating may be limited due to capacity control.

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Blues flying at Vandenberg

VANDENBERG AFB, Calif.--A parachute jump team, aircraft flyovers, and an F-16 "Fighting Falcon" demonstration will round out Vandenberg's day-long "Airshow '89," base officials have announced.

The units will complement the U.S. Navy's "Blue Angels" aerial demonstration team which will showcase the base's annual airshow on Saturday, May 6. Vandenberg will host the Navy's premier flying team in high performance F/A-18 "Hornet" supersonic jets. The Blue Angels performance is a first for the central California coast.

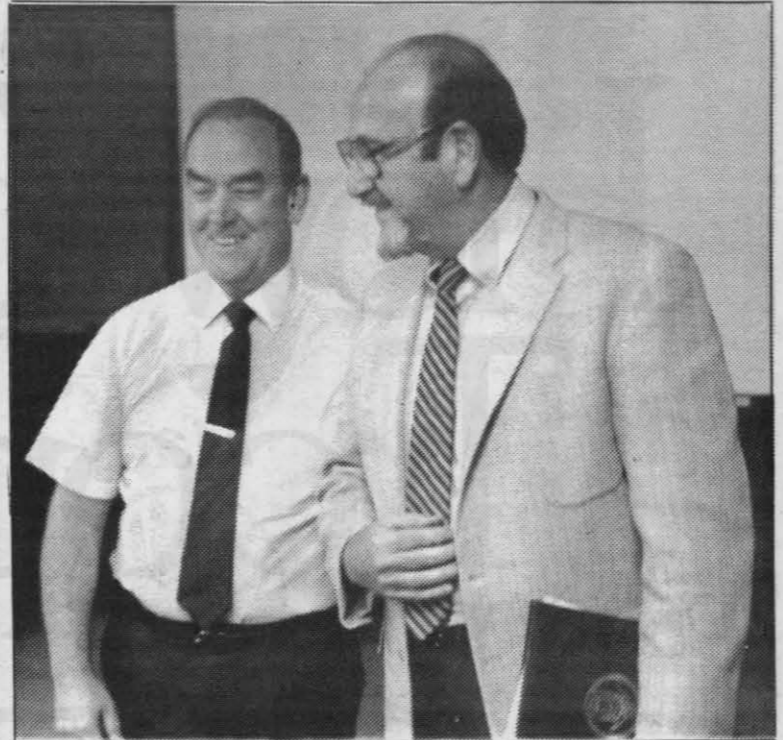
The Blue Angels, known officially as the U.S. Navy Flight Demonstration Squadron, have thrilled millions of spectators with their precision flying. Although the individual maneuvers performed by the squadron are

those taught to every prospective Naval and Marine aviator during flight training, their performance has evolved since the first team was organized 42 years ago.

The airshow will also highlight an interservice parachute jump team which will perform in the morning and again in the afternoon on May 6. A U.S. Air Force F-16 fighter will make two performances during the afternoon as well. A flyover by Strategic Air Command aircraft is also planned.

In addition, various static display aircraft from all branches of the Armed Forces will be available for viewing. U.S. Aerospace contractors will also put up displays and exhibits for public view.

Concession stands, rest areas and restroom facilities will be available

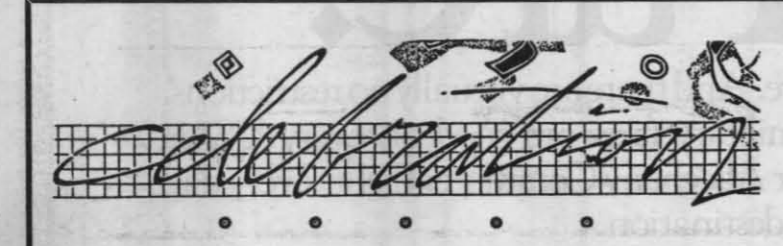


RECOGNIZED ACHIEVEMENT—Gerry Schiefer, left, technical director, presents Fred Shaughnessy with his diploma from the Technical Manager's Curriculum. The curriculum involves over 300 hours of classwork. Photo by PHAN Cary Brady.

Give gift of time to the NRS office

Due to impending transfers, the Navy Relief Office will have to close it is not able to replace volunteers.

The Navy Relief Society asks "Please give the gift of your valuable time." Call the Society at NWC ext. 2921 for more information on this worthwhile volunteer opportunity.



When the occasion calls for something special.

The Carriage Inn Conference Center is the perfect place for:

- Corporate Meetings
- Product Demonstrations
- Employee Workshops
- Conferences
- Christmas Parties
- Seminars
- Retirement Parties
- Receptions
- Theme Parties
- Birthdays
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- Bar Mitzvahs
- Anniversaries
- Weddings
- Luncheons
- Breakfasts
- Brunches
- Poolside Events

The Carriage Inn can accommodate all of your meeting and banquet needs with state-of-the-art equipment and facilities.

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CLOTHES, CANDLELIGHT & CUISINE

A Dinner Fashion Show sponsored by Burroughs High School Retail Merchandising Class and Home Ec. Dept.

WHEN: April 21st, 7:00 p.m.
WHERE: Multi-Use Room

DOOR PRIZES

Tickets are on sale in advance from Retail Merchandising & Home Ec. Students, Mrs. Hamm, Mrs. Dale and Mrs. Burdick. For further information call Mrs. Burdick at 375-4476, ext. 23.

★ *Fashions From Local Merchants* ★

MENU: Imported Quail, Vegetables, Salad, Potatoes, Rolls, Homemade Ice Cream and assorted Cakes. Punch or Coffee.

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CLPD has radar gun on the job

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 — Lauritsen Road.
- Tuesday — Inyokern Road.
- Wednesday — Burroughs Avenue.
- Thursday — Richmond Road.
- Friday — CLPL Road.

Violations may be cited at anytime as well as in areas other than the ones mentioned above.

Tax deadline set Monday

Homeowners and Veterans are reminded that Monday, April 17 is the last day to file for the Homeowners, Veterans and Disabled Veterans property tax exemption.

If you have any questions, please contact the Kern County Assessor's Office at (805) 861-2311.

Personnel opportunities

(Continued from Page 16)

contact for the HARM Project Office and must coordinate tasks with sponsors, government agencies and numerous contractor personnel. The incumbent must have an engineering degree and be experienced in one or more of the following areas: Air Launched Missile System or Guidance & control design or test. Incumbent must be able to obtain and maintain a Secret clearance. To apply send current SF-171 to Bill Leverett, Code 3565 or call NWC ext 2951 for more. Previous applicants need not apply.

No. 36-021, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial Engineer/Physicist/Mathematician), DP-801/830/850/855/861/896/1310/1520-2/3, Code 36A4 - The incumbent will act as an Associate Technical Manager in the Standard Missile Production Office and be responsible for the conduct of production activities associated with the efforts of a manufacturer of Target Detecting Devices used on the Standard Missile. The incumbent will be responsible for planning and overseeing the activities of the manufacturer including the qualification of the contractor to produce a proven design and accomplish a transition to production. Following this transition, the incumbent will be the design agent point-of-contract during the contractor's production activities. The incumbent will also be expected to technically manage some associated development efforts under NAVSEA technical instruction contracts, coordinate the activities of support personnel from design engineering, quality, reliability, soldering, documentation, etc., and liaison with program and technical management personnel at NAVSEA, and Navy field activities. In

addition to working in the Production Office, the incumbent will be responsible for providing regular inputs to and accept tasks from the STANDARD Missile Project Office, Code 39B11. The incumbent will be responsible for monitoring the funds of assigned activities, planning, coordinating and chairing meetings, and identifying areas of concern that require upper level management attention. To apply, send an updated SF-171 to R. Langham, Code 36A, NWC ext. 3686. Previous applicants need not reapply.

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Soup & Salad.....\$1.70

Soup & Sandwich.....\$2.50

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Tivoli Center 446-4664

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APRIL SPECIAL
Pedicure For Only \$15 (Reg. \$20)

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350 E. Ridgcrest Blvd., Ste. 103 (619) 375-3288

Knights of Columbus

Father John Crowley Council, No. 3199
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725 W. Ridgcrest Blvd.
Ridgcrest, CA 93555

SUNDAY GAMES 6 PM

HALL RENTAL AVAILABLE
CALL 375-8901

MEET
1st & 3rd Tue. @ 8 PM

new test equipment for future production. The incumbent will act as the NAVWPNCEN coordinator with the STANDARD Missile design activity; the contractors and FLTAC to assure test equipment certification activity occurs in an orderly fashion to support production planning. In addition, the incumbent will serve as the point of contact on all issues relative to equipment used to check out or otherwise test STANDARD Missile hardware for which the NAVWPNCEN is the design agent. The incumbent will be expected to ensure an orderly coordination of software engineering and software quality assurance activities that will result in high quality test equipment design and performance. In addition to working in the Production Office, the incumbent will be responsible for providing regular inputs to and accept tasks from the STANDARD Missile Project Office, Code 39B11. The incumbent will be responsible for planning, coordinating and chairing test equipment meetings and identifying areas of concern that require upper level management attention. To apply, send an updated SF-171 to R. Langham, Code 36A, NWC ext. 3686. Previous applicants need not reapply.

No. 36-023, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial) (Continued on Page 18)

Nobody Beats Midas

SAVE ON MIDAS EXPERT CAR CARE

BRAKES \$69.00*

PER AXLE MANY CARS AND LIGHT TRUCKS

FREE BRAKE INSPECTION ON MOST CARS & LIGHT TRUCKS

- New guaranteed brake shoes and pads (semi-metallic pads extra)
- Resurface drums or rotors
- Replace grease seals as needed
- Repack Wheel Bearings, except sealed units
- Inspect hydraulic system
- Top off brake fluid, as needed
- Road test

See Warranty Terms in Shop
Offer good with coupon at participating Midas dealers

ECONOMIZER MUFFLER \$38.95*

INSTALLED

- Farnous Midas Quality
- Fits many cars & light trucks
- See warranty terms in shop
- Offer good with coupon through at participating Midas dealers

2-WHEEL ALIGNMENT \$19.15*

THRUST=ANGLE AND 4-WHEEL ALIGNMENT AVAILABLE

- Inspect steering & suspension system
- Set all adjustable angles of front wheels to manufacturer's recommended specifications (Chevettes toe only)
- Road Test
- For most cars & light trucks

Offer good with coupon only through at participating dealers

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Now Open **MIDAS** Now Open

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*Additional parts, services and labor are often needed at substantial extra cost.

Retirees invited to briefing

Retirees and alumnae of the Naval Weapons Center are cordially invited to attend the Fourth Annual Retirees' Presentation on Friday, April 21 at Michelson Lab at 3 p.m. in Room 1000D.

A no-host reception at the EM Club

at 4:30 p.m. will follow the presentations by Capt. John Burt, commander, NWC; Gerry Schiefer, technical director, NWC; Eva Bien, head, Human Resources Department; and an audio-visual presentation titled 'Legacy of the Lake.'

The Public Affairs Office, NWC ext. 3511, needs RSVPs for the presentation and the reception by April 14. For more information on the event or on retirees' affairs, call Bill Davis, director, Retiree Affairs Programs, at NWC ext. 3522 (Code 24D.)

Center secretaries saluted

Secretaries at NWC will be honored for their contributions to the Center April 25 and 26 as the Corporate Secretaries Board sponsors Professional Secretaries Week at NWC "Visions of a Changing Role."

A breakfast buffet will kick off the event on Tuesday, April 25, starting at 6:30 a.m. at the Enlisted Mess. Secretaries and the bosses will be welcomed at this time and guests, speakers and members of the Corporate Secretaries Board will be introduced.

Following breakfast at 8 a.m., Julie White, kickoff speaker, will talk about "The Winning Team." White, a career track speaker, deals with the nuts and bolts of secretarial professional and personal challenges and

offers skills and techniques secretaries can put to use immediately. Audiences consistently give her a 4.85 out of 5.0 rating. She specializes in self-projection seminars and her humor and charisma and on-target message keeps her audience on the edge of their seats with interest.

White will talk again on "The Winning Team" at the Enlisted Mess from 2 to 4 p.m. the same day.

On Wednesday, April 26, Dr. Suzanne Hard will talk about "Personal & Professional Balances" from 8 to 10 a.m. and from 1 to 3 p.m. in Room 1000D at Michelson Lab.

Between Dr. Hard's lectures (10:30 to 11:30 a.m.), Dr. Tom McGill will talk about "Our Environ-

ment" in Room 1000D at Michelson Lab. McGill is the head of the Environmental Division, Public Works Department.

Another NWC speaker will be Dr. Carl Austin, head of the Geothermal Program Office, Public Works Department. From 3 to 4 p.m. in Room 1000D, Michelson Lab, Dr. Austin will talk about "The Geothermal Project."

Tickets are not required for any of the speakers. Information about tickets for the breakfast buffet is covered in another article (see Page 2).

Editor's note: Additional information about the speakers will be in next week's Rocketeer.



A HELPING AGENCY—Marion Colpitts, R.N., left, checks Rena O'Neill's blood pressure at the free blood pressure check at the Red Cross building on Lauritsen Rd. at NWC. Photo by PHAN Cary Brady.

Buckle up! China Lake Technical Societies DECUS meeting

Wednesday, April 19 is the date for the next China Lake Digital-Equipment Computer Users Society (DECUS) meeting from 1 p.m. to 3 p.m. at Bldg. P302, Armitage Field, Room 223.

Jeff Summers will give an overview of new DEC products; Jim Dreher will discuss the VAXsim Plus; and Micro Technology will discuss state-of-the-art disk and tape solutions.

Call Randy Morris, China Lake DECUS chairman at NWC ext. 5498 or Linda Wilson, China Lake DECUS program coordinator at NWC ext. 5127.

IEEE April 19

Contel's Fiber to the Home Project will be discussed at the next IEEE meeting on Wednesday, April 19 at 11:30 at the EM Club.

Glen Arndal, supervising outside plan engineer for the Ridgecrest office of Contel, will address Contel's current project to run optical fiber to homes in the Ridgecrest area.

He will also discuss other technologies that Contel uses to provide communication services to users. Visitors are welcome.

Channel Island photo at museum

During the month of April, the Maturango Museum will exhibit "Channel Islands Imagery," a collection of photographs compiled by the Channel Islands Marine Sanctuary and the Sea Center of the Santa Barbara Museum of Natural History.

Be sure to visit this exhibition soon, as it is scheduled to leave during the first week of May.

OTHTC plans its 10-mile-road run

Over the Hill Track Club (OTHTC) will host the 15th annual 10 Mile Inyokern Road Run on May 7. Beginning at 8 a.m., the event will start at the intersection of US 395 and old 395 south of Ridgecrest.

Fees are \$10 for OTHTC members, \$12 for non-members who register by April 21 and \$15 for late entries.

Free t-shirts (designed by Dave Rugg) will be given to all contestants. People who register late, after April 21, will have a three-week delay for t-shirts.

Late registration will be held on the day of the run from 7 to 7:45 a.m.

Awards will be given to open and age groups for men and women. Age group awards will be based on pre-registration count.

Fruit, runners' punch and beer will be available for all contestants.

After the run, a picnic will be held in the park, so bring a picnic lunch! For more information, call Scotty Broyles at 446-2941 after 4 p.m.

10 Mile Inyokern Road Run

Name _____ Sex _____ Phone Number _____

Address _____

T-Shirt Size: Circle one: Small Medium Large Extra-Large
Division: Circle one: 14 & Under 19-29 35-39 50-59
15-18 30-34 40-49 60 and over

Make checks payable to: OTHTC

Mail to: OTHTC 10 Mile Run
C/O W. H. Broyles
1243 Wayne Street
Ridgecrest, CA 93555

WAIVER: In consideration of my entry, I, intending to be legally bound, do hereby, for myself, my heirs, executors and administrators, waive, release and forever discharge any and all rights and claims which I may hereafter accrue against the Over-The-Hill Track Club, and all other sponsors and their respective officers, agents, representatives, successors and/or assigns, for any and all injuries suffered by me while traveling to or from or participating in this event. I certify that I am physically fit to complete this strenuous event.

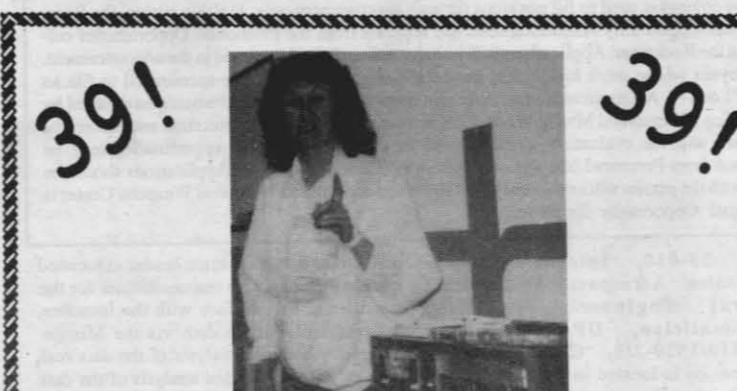
Entrants Signature _____
Guardian must sign if entrant is under 18 years of age
Date _____

Softball teams are needed

Teams wanting to enter the Intra-mural Softball League, sponsored by the Morale, Welfare & Recreation Division, have until close of business on Tuesday, April 18, to register.

The league is open to all military and DOD personnel.

For details on how to enter a team, please call Mike Slobodnik, athletic director, at NWC ext. 2334.



Happy 39th Birthday to a Very Sexy Lady!

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: _____

Challenge is issued again

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 Inyokern 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.



Dance to the tunes of the 50's and 60's

Sunday's the night! 'Rock and Roll' during Alpha Alpha Psi's 50's/60's Sock Hop Dance from 6 to 10 p.m. April 16 at the Grand Illusion, 1353 Inyokern Road.

All proceeds will go to benefit the American Cancer Society. Have fun while donating to a worthy cause!

The dance will feature the music of "Just Us." Tickets are \$6 per person or \$10 per couple.

For more information, or to reserve tickets, please call Holli at 446-6888 or the Grand Illusion at 446-5839.

LONDON OR BUST!

ANGLO FESTIVAL
July 5-12
1989

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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Saturday Only!

10-50% OFF Selected Items!

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Everything Potted And Ready To Go

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\$29 "RENO SPECIAL"

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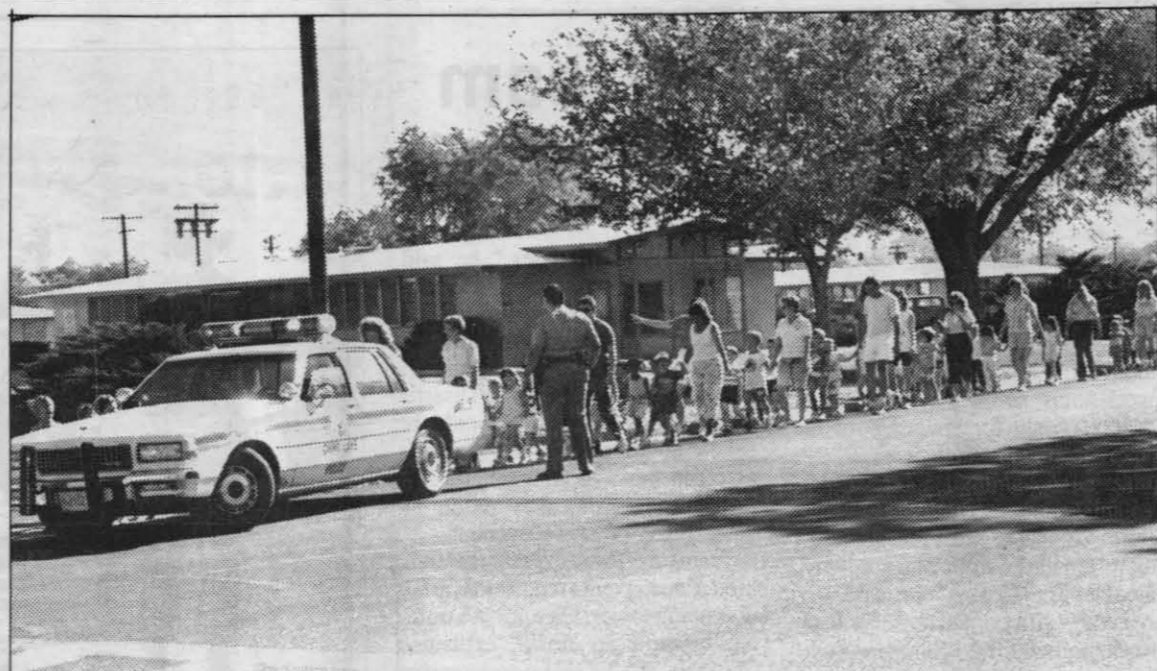
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SPRINGING INTO LIFE—A young participant jumps into the action at last Saturday's Children's Fair. A child's obstacle course was a popular event. Attendees lauded the beautiful weather, array of informative booths, and varied entertainment for children and parents.



WE'RE HEEERE—Children who attend NWC's Children's Centers took their annual "Public Awareness Walk" Friday. Over 200 children, the Children's Centers' staff and a number of parents walked down Blandly to the Administration Building, on to Michelson Lab and then returned to the centers via Nimitz. The walk was held in conjunction with the *Month of the Young Child*. According to Camie Fielder, head of the Children's Centers, this year's walk was a complete success. Photo by PHAN Cary Brady

Family Night set for Monday; Also concert a family event

In conjunction with the *Month of the Young Child*, the Children's Centers at NWC will host "Family Night" from 6:30 to 8 p.m. on Monday, April 17.

Formerly called Open House, the event will focus on what the children in the centers have been doing and provide activities the children can do with their families.

"We hope to see parents and siblings painting with children, playing on the playground with them and just doing activities that promote family closeness," said Camie Fielder, head of the Children's Centers. "Parents who don't have their children in our day care," said Fielder, "can also come to see what we do."

Tickets for the Peter Alsop concert, entitled "Gets the Kid Inside of You to Come Out and Play," can be purchased during Family Night.

Alsop, nationally known singer, songwriter, lecturer and humorist from southern California, is known for his warmth and insight towards children and adults alike.

He holds a Ph.D. in Educational Psychology and his songs are used by thousands of parents, educators, human service professionals and most of all...enjoyed by children all across the nation. His children's albums have won the *Indie Award* from the National Association of Independent Record Distributors and Manufacturers and the coveted *Parents' Choice Award*.

Alsop says he uses his music to help people see the options they have in their lives. He hopes to make a contribution to the creation of a generation of children who will grow up with the tools to cope with whatever they may run into.

The concert, sponsored by NWC's Children's Centers and many Ridgecrest community organizations, including the Kiwanis, High Desert Child Abuse Prevention Council, Desert Motors, Kerr McGee and Friends of the Children's Centers, will be held April 29 at 6:30 p.m. in the Naval Weapons Center Theater. Tickets are \$2 per adult (12 and older) and \$1 per child.

For further information about Family Night or the concert, please call Debra Oliver at NWC ext. 2926.

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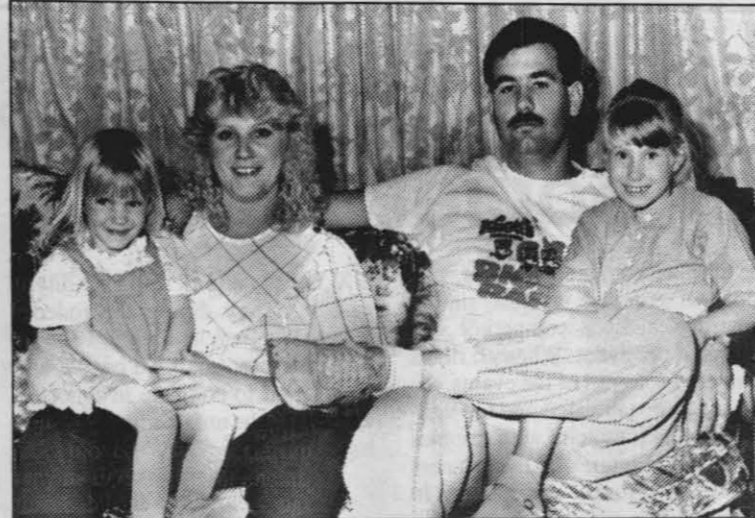
Mensa hosts German meal

Monday, April 17 is the last chance to buy tickets to the German Buffet at Lore's German Restaurant, sponsored by Hi-Desert Mensa.

According to Mensa, the excuse for the party is the celebration of the 473rd anniversary of Da' Reinheitsgebot, Europe's first pure food and drug act.

The buffet is Sunday, April 23 from 2-5 p.m. The buffet will include sauerbraten, potato pancakes, four kinds of sausage, devilled eggs, cold cuts, spetzlen in sour cream sauce, and potato pancakes.

Tickets cost \$10/person and must be purchased in advance. Get your tickets from Lore at the restaurant (across from Stater Bros.), or call Gene Schneider at 446-4470 or Norm Hines at 446-6155.



A RELAXING MOMENT—The Bumbergers spend some quiet time together. Patsy, a yeoman in the Operations Department at VX-5, and Mike, an air traffic controller at NWC, were recently married.

Child Care Center credited with assisting unique military family

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

"We met three years ago at Hall Memorial Lanes and have been married a month," said Patsy Berg Bumberger, a yeoman in the Operations Department at Air Test & Evaluation Squadron Five (VX-5).

Her new husband, Mike Bumberger, an air traffic controller for the Naval Weapons Center (NWC), has not only gained a wife, but two daughters as well. Bumberger's wife has two children from a previous marriage, Jennifer, who's almost six years old, and Danielle, who's four. "Our biggest problem," said the yeoman, "is our working hours. My hours rotate and Mike has had six watches in the last four days."

"Sometimes," Bumberger said, "the hours work out where I'll drop the kids off at the Children's Center and Patsy can pick them up, or vice versa. At other times, we have to depend on our friends."

When both spouses are in the Navy, extra challenges are added to the military family.

According to the Bumbergers, the Children's Center's staff has really been supportive of their Navy duties and hours. "Janet Butler (supervisor of the Part-time Center) has really been fantastic," said Yeoman Bumberger. "There have been many times that she has done extra to help us out when our hours didn't match up. In fact, all the staff at the Center is fantastic," she added.

Bumberger noted, "having a family is different from anything I was used to, but once I started helping Patsy out, the girls kind of grew on me. The girls are really super and are helping me to make the change." "Now that I am going to have another baby," said the girls'

Serghides earns Civilian of the Quarter award at Branch Clinic

by Julie Paulsen

Contributing to safer working environments for more than 6000 staff employees at the Naval Weapons Center is the job of Lynn Serghides. One of three industrial hygienists with the Branch Medical Clinic, Serghides recently received recognition as the Clinic's Civilian of the Quarter.

In the words of LCdr. Richard Titi, officer in charge of the clinic, "You have distinguished yourself as an untiring and dedicated professional, contributing personal time in exact-

ing preparation for personnel monitoring and sampling of NWC spaces under your cognizance."

Serghides can be found visiting workspaces in Michelson Lab in search of "stressors" such as noise, radiation, chemical exposure and poor lighting. After sampling and monitoring, she evaluates the environment and makes recommendations for improvement. Working closely with the NWC Safety Program Office, Serghides' main concern is protecting employees from a phys-

iological standpoint.

A native of Iowa, Serghides earned a BS degree in Biology from Iowa State University. Working in a toxicology lab in New Jersey sparked a first interest in her chosen occupation.

Serghides moved to the desert from New Jersey in 1979 when her chemical engineer husband, Tasos, was hired at Kerr McGee. They reside in Ridgecrest with their two young children, Anna and Andrew, with whom she proudly spends most of her free time.



PERSONAL TIME AND EFFORT—was rewarded for Lynn Serghides, an industrial hygienist at the Branch Medical Clinic. Capt. Cote, Commanding Officer of the Long Beach Naval Hospital, extends congratulations to her for being named the Clinic's Civilian of the Quarter for second quarter of fiscal year 1989.

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