

Visit Kernville for art's sake

Spring Art-A-Rama is the name of the Kern River Valley Art Association's show this weekend in Circle Park in Kernville. Primarily a two-dimensional fine art show, the show is open to both professional and amateur artists. Weather is usually pleasant at this time of the year, and the Kern River Valley should be in the midst of its spring beauty.



Expo for PC users set

Come see the latest software, hardware and other peripherals on the market today! The NWC PC Lab, in cooperation with Falcon Microsystems, is presenting a mini-PC expo at the Seafar-

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Once you have invested in U.S. Savings Bonds, keep them in a safe place. It is wise to keep a record of bond denominations, serial numbers and registrations in a place apart from the bonds. In the event that U.S. Savings Bonds are lost, stolen, or destroyed, they can be replaced. Application for replacement bonds must be made by the bond owner on a Form 1048, available from the Bureau of the Public Debt, Parkersburg, WV 26106-1328.

Weather Report

	Max	Min	Gusts
Thurs.	74	39	15 knots
Fri.	80	41	18 knots
Sat.	84	41	14 knots
Sun.	86	58	23 knots
Mon.	88	50	24 knots
Tues.	94	48	22 knots
Wed.	97	54	25 knots

KofC Spring Festival will begin May 24

Exciting rides, food and drink, as well as continuous nightly live entertainment, will be in store for people attending the annual Knights of Columbus Spring Festival, noted Cy Ebersberger, Grand Knight. In addition, there will be the annual flower show competition and exhibits at the festival's exhibit building.

The festival is scheduled for May 24 through 28 at the Desert Empire Fairgrounds. As an opening day special, red garters (ribbons) will be sold which entitle its wearer to ride free on all the rides all day long. Discount advance sale tickets are now on sale and can be purchased from any member of the Knights of Columbus or by leaving a message after calling the Knights' Hall at 375-8901 (be sure to leave your name and address).

The charities supported by the Knights are constantly increasing. "Support of the Knights in this festival and other Knights' fund raising projects will always benefit the charities in the valley," said Ebersberger. "Help us help others and at the same time, have fun. Come to the festival."

Demo Project survey results — p. 10

Reservists complete active duty — p. 12

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

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Riddoch, Holgersen earn Technical Director Awards



HONORED AND SURPRISED—Gerry Schiefer, NWC technical director, presents the Technical Director's Award to Glenda Holgersen and Barrie Riddoch. These two have made outstanding contributions to the development of Hardware-in-the-loop (HWIL) testing capability for the Rolling Airframe Missile. Photo by PHAN Cary Brady.

Work accomplished by two recipients of the Technical Director's Award is a "good example of how NWC people jump in to fill a pressing need," according to Gerry Schiefer, technical director.

Barrie Riddoch and Glenda Holgersen were awarded for their contributions to the development of Hardware-in-the-loop (HWIL) testing capability for the Rolling Airframe Missile (RAM) seeker.

"This is the first known HWIL testing capability for a dual-spectrum seeker," said Dillard Bullard, head, Intercept Weapons Department. Bullard nominated the two for the award.

The new capability has been demonstrated in the simulation laboratory and culminated over two years of intense effort to produce a realistic laboratory test environment.

The facility allows the entire seeker to be tested in simulated flight against IR and RF targets with a high quality, real-time six-degree-of-freedom simulation of the rest of the missile and its environment.

Results of the HWIL testing are a critical ingredient in the decision process because of limited flight testing. The HWIL simulation incorporates either directly or indirectly the operational requirements, the system specifications and additional information indicative of the performance of operational analysis efforts.

Riddoch was the lead engineer for the project and has written hundreds of lines of code to simulate the RAM missile using the VAX and AD-100 computers. Holgersen was the prime engineer responsible for getting the RAM simulation on the AD-100 operational and interfaced to the other equipment.



TOO LITTLE FOR HER BRITCHES—Mary Catherine Spiller, assisted by Greg Webb, a driver-operator in the NWC Fire Division, Safety & Security Department, tries on a pair of firefighter's turnout pants and shoes. The gear is worn whenever the firefighters respond to an emergency call. Children from the NWC Children's Centers got a first hand view of the firefighters and their equipment during a recent visit. Photo by PHAN Cary Brady

Gym activities move to allow renovations

By Peggy Shoaf

Planned improvements to NWC's gymnasium will begin soon. To accommodate gym members, alternate sites have been chosen for the majority of gym activities.

"While the gym is closing tomorrow for the renovation," said Mike Slobodnik, athletic director, Sports Branch, Morale, Welfare & Recreation Department, "we will start moving weight room equipment today. This way, normal gym activities can resume as soon as possible."

Weight room activities will be moved to the gym annex (located on the gym's east side). The relocated weight room will be operational Monday morning at 8 a.m. Hours will be from 5:30 a.m. to 9:30 p.m. Monday through Friday, 8 a.m. to 6:30 p.m. on Saturday and 12 noon to 6 p.m. on Sunday.

Indoor pool activities will be transferred to the Officers' Club pool. "Maintenance work is still being done on the Officers' Club pool," said Slobodnik. "It should be open around May 20."

Normally, the Officers' Club pool does not open until Memorial Day. "As soon as we received word the

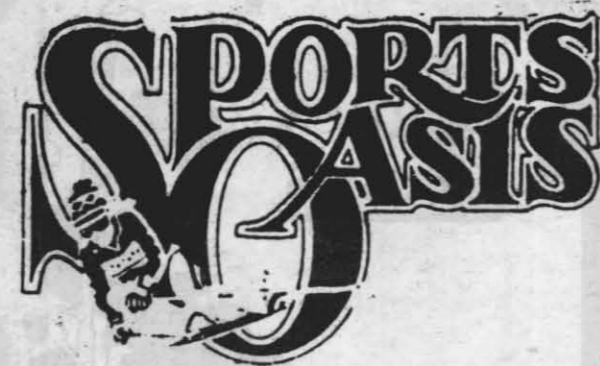
renovation work would begin in May, we asked Public Works to begin its maintenance work on the outdoor pool," the athletic director stated.

Gym activities to continue while gym renovation takes place.

"As soon as we know the exact date the Officers' Club pool will open," said Slobodnik, "we will announce it in the *Rocketeer*."

Racquetball activities will be suspended while the gym is closed. "We don't have additional racquetball courts on-Center," stated Slobodnik. "I believe, however, racquetball players will be extremely pleased with the remodeled racquetball courts when the renovations are completed (in about 10 months)." Improvements include new lighting, roof and floor for the racquetball area.

Hours for basketball activities at the Youth Center will be Monday and Friday from 11 a.m. to 1 p.m.; Monday, Wednesday and Friday from 6:30 to 8 p.m.; and Sunday (Continued on Page 11)



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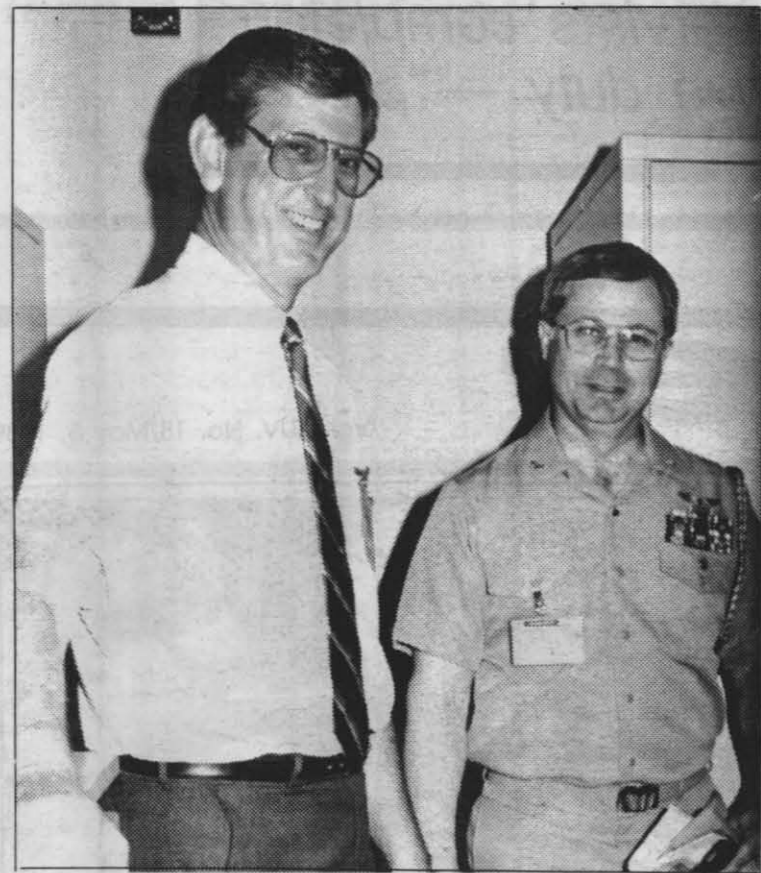
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WELCOME ABOARD!—Bill Ball, left, head, Information Systems Group, introduces Capt. Doug Cook to NWC's new Cray Super Computer during his overview visit on Wednesday. Capt. Cook has been nominated to become NWC's next commanding officer. He is currently the executive assistant to the Commander, Space and Naval Warfare Systems Command.



NEW NAME, NEW MANAGEMENT—The Golf Course Snack Bar has a new name. Enjoy a friendly atmosphere and good food prior to that next game of golf at the "Par & Grill." Hanging the sign proclaiming the new name are Mark Lynch, Golf Pro Shop manager; Jim Bowen, head of the Morale, Welfare & Recreation Division (MWR), Debra Poindexter, publicity director, MWR; and June Thomes, Par & Grill's new manager. Poindexter designed the sign announcing the new name. Photo by Peggy Shoaf

Give gift of time to the NRS office Small Business Week set for High Desert

Due to impending transfers, the Navy Relief Office will have to close as 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.

Each year the president proclaims a Small Business Week. This year's proclamation is the week beginning May 7. The High Desert installations — Air Force Flight Test Center, Edwards AFB; Tactical Air Command, George AFB; Marine Corps Logistics Support Base, Barstow; Army National Training Center, Ft. Irwin; NASA Dryden Research Facility, Edwards; and Naval Weapons Center, China Lake — jointly sponsor a High Desert Vendors' Day during Small Business Week. The primary objective of the program is to acquaint vendors with the kinds of supplies and services purchased by the activities. NWC will host this year's Vendors' Day at the Commissioned Officers' Mess on June 7 from 8:30 a.m. to 3 p.m. Representatives of all vendors and business firms interested in doing business with any of the sponsoring activities are invited to attend this program. Individual counseling and interviews will be conducted throughout the day. There are no fees associated with the program. Because NWC is a secure facility, pre-registration is required by June 2. Please call Mrs. Lois R. Herrington, deputy for small business, at (619) 939-2712 for additional information.



NWC's Wellness Corner

May is National Physical Fitness and Sports Month and the fifth annual Navy wide "Forge the Future, Fit Today for Tomorrow's Challenges" fair. In celebration of these events, the Naval Weapons Center Wellness Program is sponsoring many activities. The objective is for individuals to take time out from their normal schedule to consider their own personal lifestyles and goals. Many of the offerings are one-hour informational lectures. There is certainly something of interest for everyone. Join in the celebration.

Next week's schedule of presentations

May 8 — Anabolic Steroids and Their Abuse by Dr. Van der Hoek, M.D., from 3 to 4 p.m. in the B/C Conference Room, Michelson Lab (walk in) — The present applications of steroids and their biological significance will be discussed. Also included in the discussion will be the proper medical use of steroids and their non-medical use and common abuse. Dr. Van der Hoek is a practicing Ridgecrest physician specializing in endocrinology, nephrology and internal medicine.

May 9 — Fitness at the Terminal by Dr. Podell, D.C., from 10 to 11 a.m. in 1000D, Michelson Lab (walk in) — Computer terminals are here to stay with more and more employees using them. You can make this a more comfortable partnership by preventing the minor muscle tension, stiffness, aches, fatigue and eyestrain that can result from sitting at your terminal for extended periods of time. Good posture, comfort exercises and a structural understanding of your spine will be discussed. Informative, colorful pamphlets will be distributed to all the participants. Dr. Podell is a practicing chiropractor in Ridgecrest.

May 10 — Beta-Carotene: Can It Protect You from the Big "C"? by Pam Harris, Ph.D., from 1 to 2 p.m. at 1000D, Michelson Lab (walk in) — Beta-carotene, a pigment found in many dark green and yellow/orange vegetables, is best known for its physiological function as a precursor of vitamin A and an aid in preventing blindness. Recent studies indicate that beta-carotene may be one of the most potent natural protectors against developing specific types of cancer. Recent research into beta-carotene will be discussed along with dietary sources and possible mechanisms for its functionality. Dr. Harris' creden-

tials include a Ph.D. in food science and technology from the University of Nebraska as well as an M.A. in food science and human nutrition from Wayne State University and a B.S. in medical technology from Michigan State University. She is currently employed as an administrative assistant in the Wellness Office at NWC.

May 11 — Backpacking for Fun and Wellness by Gerry Schiefer from 10 to 11 a.m. in 1000D, Michelson Lab (walk in) — Take a backpacking trip via slides with Gerry Schiefer, and discover the joys of backpacking. Learn how to plan and prepare for a safe trip. Mr. Schiefer is Technical Director of NWC. In his leisure time, he is an enthusiastic backpacker. Each year, he takes a group of Boy Scouts over the Sierra Nevada on a backpacking expedition.

May 12 — Home Fitness Equipment Expo from 10 a.m. to 4 p.m. in the Enlisted Mess Ballroom (walk in) — Come by and see displays of home fitness equipment. Equipment shown will include that for weight training, stationary cycles of various types, rowing machines and other health/fitness gear. Displays will be provided by Frisbee Bicycles of Ridgecrest and Pro-Tech, Inc., of Huntington Beach.



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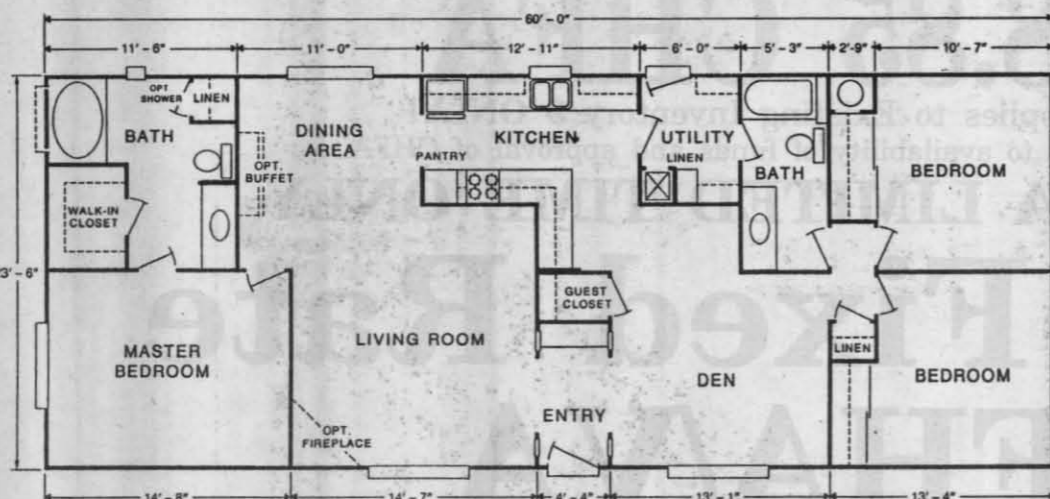
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 - MS "A" school: What's cooking!
- Look for the May issue of *All Hands* - it's your magazine.



THAT'S DEDICATION—AT3 Paten L. Gillihan (right) recently signed up for six more years in the U.S. Navy. He was congratulated by Lt. G.E. 'Will' Williams, Airfield Chaplain, who acted as reenlistment officer. Photo by PHAA Cary Brady

Expenses for adoptions may be reimbursed

Washington (NNS) -- Active duty sailors and marines can now apply for reimbursement for certain adoption related expenses.

The secretary of the Navy has authorized a two-year test period of a DOD compensation program for adoption expenses. Active duty sailors, marines, TARs and Marine Corps full-time support personnel on active duty more than 179 days are eligible.

Members who initiated adoption proceedings after Sept. 30, 1987 and before Oct. 1, 1989 may be eligible for up to \$2000 per child for adoption expenses. In the event of multiple adoptions, the maximum reimbursable amount is \$5000 per year per family unit.

For more information, see SECNAVINST 1754.3 or Navy members may call Autovon 224-3128. Marines may call Autovon 224-2371.

Sailors offered another chance for advancement

Washington (NNS) -- Sailors who are not considered for E-7, E-8 or E-9 Selection Boards due to administrative errors can get another shot at advancement.

A special Selection Board has been set up to consider senior enlisted for advancement who were not considered by the normal Selection Board process through no fault of their own.

Examples might be sailors who have converted ratings and were screened for their pre-conversion rate; or sailors who have finished advancement requirements but did not have them entered in their service record on time.

Candidates will be considered for the special board on a case-by-case basis and, if eligible, will have their records compared against those considered by the regular board. Requests for consideration must include sailor's name, SSN, PNEC, regular board concerned, summary of error and command endorsement and must be received by NMPC-221 by January 1.

For more information, contact NMPC-221, commercial 202-694-2763 or Autovon 224-2763.

Master Chief earns medal

Accompanied by his son, James, Master Chief John Capazzi received his second Navy Achievement Medal from Capt. Robert Dropp in an awards ceremony on Wednesday.

Master Chief Capazzi earned the distinguished honor for his superior performance while serving as F Division Leading Chief Petty Officer with the USS Missouri (BB 63) from 1986 to 1989.

He relocated to China Lake last month as the full-time head of the NWC Auxiliary Security Force.

While assigned to the USS Missouri, he planned, coordinated and supervised the reactivation of the main battery fire control system.

Following the ship's recommissioning, he trained his men in all aspects of major caliber gunnery fire control. This training ensured USS Missouri's readiness for sustained operations in the North Arabian sea.

Rear Admiral John Higginson, commander, Naval Surface Group Long Beach, signed Master Chief Capazzi's citation.



NAVY PRIDE—shows on the face of Master Chief John Capazzi (left) and son James. Awarding a Navy Achievement Medal was the honor of Capt. Robert Dropp, CO, enlisted personnel. Photo by PHAA Cary Brady.



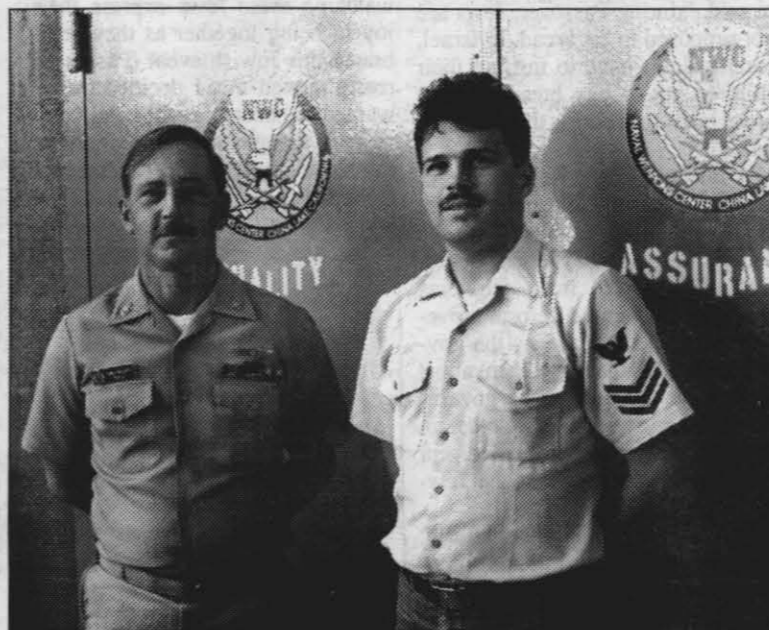
The Skipper Sez...

Sailor chosen for 1st quarter

"Working in quality control gets me involved in every aspect of aircraft maintenance," explained AQ1 Jeffrey Dickerhoof, NWC's newest Sailor of the Quarter. Variety keeps the job interesting for the aviation fire control technician who's been on Center since July 1986.

Chosen out of eight nominees, AQ1 Dickerhoof's performance was commended in the selection letter signed by Capt. Robert Dropp, commanding officer, NWC enlisted personnel. "Through dedication and genuine concern for quality maintenance," the letter stated, "you have set the standard for perfection and excellence within the Aircraft Support Division. Your everwilling desire to gain knowledge and the unselfishness with which you pass on that experience has established you as the resident expert to seek out when difficult problems arise."

A native of Union, Michigan, Dickerhoof joined the Navy in 1980 for the education and travel opportunities. After completing school for avionics (a combination of aviation and electronics), he served as a flight deck trouble shooter aboard the USS Midway homeported in Yokosuka Japan.



SAILOR OF THE QUARTER—Outside the QA Office in Hangar 3, AQ1 Jeffrey Dickerhoof pauses for a shot with Senior Chief Al Hill (left). Hill wrote the letter nominating the aviation fire control technician.

Being stationed in the desert is a nice benefit for Dickerhoof who races four-wheel all-terrain vehicles during his time off. Currently rated "professional" in the motocross field, Dickerhoof is entered in the Mickey Thompson Off-Road Championship Race this month.

QUESTION

Today I stopped at the NWC Main Gate to renew my ID stickers on my cars. The woman put my name in the computer but the computer did not have any cars listed under my name. I have three cars with NWC stickers on them but the computer at the Main Gate had no information on them. The woman told me to get the numbers of the stickers on the cars before she could process and issue me new stickers. Fine, I'm driving one of them, but do I have to drive back to Inyokern to get the numbers for the other cars? What kind of filing system do they have? I would like to know why their system is so inefficient. I am a civilian employee.

ANSWER

The current vehicle registration process is computerized and information can be retrieved in a variety of ways, including name, social security number, decal number, etc. Under the previous manual system, vehicle registration was only done by decal number. Personnel who had a decal transaction during the past two years will find that their vehicle records have been transferred from the manual system to the automated system. Since you were asked for your decal numbers, records for your vehicles were still filed only under the old system and your records could not be retrieved without your decal numbers.

Employees finding that their records are still in the manual system do not have to immediately return home to get their decal numbers, but may call Code 2433, drop the numbers by at a later date or mail the numbers to Code 2433 so that they can update all the vehicles in the computerized system. Code 2433 is sorry for any inconvenience this may cause employees.

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.

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Galaxy gazers gather tonight

On Friday, May 5, the China Lake Astronomical Society will hold a Star Party at the star party site south of old Highway 395.

To reach the site from Ridgecrest, go south on China Lake Boulevard 6.5 miles from its intersection with Ridgecrest Blvd. Continue straight across Highway 395 and you will be on old Highway 395 (now known as Brown Road). Follow the old highway as it curves to the right and goes west. After 2.3 miles, turn left onto a dirt road. The party is 0.5 miles along this road.

Watch for signs and cones, which will be put out before 8 p.m.

Call Carroll Evans, 375-5681, for more information.



"Bad News...and Good News"

Like everyone else, I like to be the recipient of good news. Lord only knows that we all need to hear something cheerful or promising every once in awhile, especially when a casual glance at the front page of the daily newspaper brings us into touch with squabbling, violence, murder, theft and a variety of other occurrences that give a doubtful prognosis to the health of our world.

Despite its occasional unpleasantness, however, and I admit that it can get downright inhumane, our species

trudges along as it always has and always will, and—everything taken into account—it is not such a bad creation. I, for one, think that God can and should take pride in His work of making us as He, in His infinite wisdom, chose to do!

I suppose that coming to grips with humankind's struggle with itself as we see it throughout history is challenging, if not sometimes discouraging and frustrating. But, there is a saying which tells us that where there is life, there is hope. And, hope is "idealistic" by its very nature. So to me

there is nothing more disturbing than the attitude of those who want to

"throw in the towel" on humanity and look elsewhere for a solution to the evils which mankind brings upon itself. This is, at best, a kind of refined "escapism." What it does is absolve us of the task of having to do our part to bring God into the world; it encourages us to shirk our responsibility to be caring, loving and genuinely interested in the well-being of other people.

I never cease to be amazed at those who seize on opportunities to offer the towel that they just threw in to others. I sometimes wonder whether this might be at the basis of the "Jesus is coming, and RIGHT NOW" craze that surfaces with consistency from time to time. Perhaps, resort to this kind of theology is wishful thinking at its finest. I remember a neighbor some years ago presenting me with a clipping from a newspaper that boldly announced that yet another religious personality had predicted the immediate arrival of a "new Messiah," together with advice that everyone abandon all and stand in breathless expectation of his coming. She had

offered the clipping in an attempt to bring laughter to my day. She succeeded.

I remember musing on the difficulty that we have continually encountered in our efforts to take firmly and sincerely to heart the infinitely wise teaching of the "old Messiah." I also remember not being too certain that the arrival of a new one would help matters.

I do not mean to be flippant, but I am reminded of the words of Jesus: "If anyone tells you...Look, the Messiah is here! Look, He is there!"—Do not believe it." (Mark 13:21) and, "All men will know that you are my disciples by the love you have for one another." (John 13:35). It would appear that we are being asked to "hold down the fort" until the Lord actually does, in His own time, arrive. In the interim, we ourselves will have to do our best to make this world a better one in which to live. Now, that's not such bad news.

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

Woman follows her heart — Life is rich for student rabbi

By Peggy Shoaf

While women rabbis are not officially accepted in Israel, Lisa Goldstein, NWC's student rabbi, is trying to decide if she should go to Israel to live after she has been ordained.

"The work a rabbi does in Israel is totally different from the work a rabbi does in the United States," she explained. "Here (in the U.S.) a rabbi teaches the congregation about the Jewish holidays and Jewish history.

"In Israel, Jews live their faith. Jewish holidays are national holidays, not something that has to be taught. For example," the future rabbi said, "during Passover, Jews are not supposed to eat bread. In Israel, parents don't have to instruct their children not to buy bread because bread is not sold during this religious time."

A member of the Reform movement of Judaism, Goldstein realizes there would be problems if she decides to live in her Jewish homeland. One of the main problems would be the fact the Reform movement is not recognized by the government. "This means women rabbis are not recognized by the government, either," she noted. Goldstein did note, however, there are Reform congregations throughout the Jewish nation.

"I feel," she said thoughtfully, "that the way to accomplish something, isn't to just sit back and to wait for it to happen, but to do it. Recognition and acceptance will come after we (women rabbis) have been around for a while."

Goldstein became interested in becoming a rabbi three years ago when she was sent to Rostock, a small town located by the Baltic Sea in East Germany, as part of the Exchange Program at Brown University, Rhode Island. "I was the only American, as well as the only

Jew, in the entire region," Goldstein laughed. "When my friends introduced me, the introduction always included the facts I was American and Jewish."

While in Rostock, Goldstein tried to find out what happened to family members who used to live in the area. "I discovered they had been transported and later died in concentration camps," she said.

"After being in Rostock for a few months, I attended a synagogue in Dresden for Passover. I hadn't seen another Jew in months. This tiny community only had 35 people, but watching these Jews express their joy in being together as they celebrated this Jewish event (Passover) really moved me. I decided then I wanted to become a rabbi. And, the more I thought about becoming a rabbi, the more this vocation seemed right for me," she concluded.



Goldstein received her B.A. in European History from Brown University. She is currently working on her master's degree in Hebrew Letters from Hebrew Union College in Los Angeles. The college is the seminary for Reform Judaism.

Goldstein has already spent 14 months in Israel to learn Hebrew and plans to go back there this summer. "I don't know how, but while I was there, Israel got into my blood," the

future rabbi said. "I loved it there." While there, Goldstein taught English to Arabic high school students.

The young student is proficient in four languages, Hebrew, French, German and English. She can also read Aramaic, a language that once was used widely in the middle east. "Many Jewish texts are still written in Aramaic," Goldstein said.

As a student rabbi for the All Faith Chapel for the past year, Goldstein teaches Hebrew, gives Bar Mitzvah lessons, leads all Jewish religious services and performs any life-cycle events (Bar Mitzvah, baby naming, funerals, etc.). She receives credit through the school for conducting bi-monthly services.

"I was terrified when I first learned the All Faith Chapel was on a Navy base," chuckled Goldstein. "I didn't even know if they would let me on the base, after spending time in East Germany." According to Goldstein, her parents Richard and Ruth Goldstein, have been very supportive of her decision to become a rabbi. "My mother has felt that being a rabbi was my calling since I was 16," Goldstein said. "My father, an astronomer at the Jet Propulsion Lab in Pasadena, wanted me to become a microbiologist, but he still supports my decision." Goldstein has two younger brothers. "They have good, strong Jewish names," she mused, "Samuel and Joshua."

Goldstein's tour of duty at China Lake ends in May. After resuming classes at Hebrew Union College in the fall, she will be given another student rabbi post. "I have really enjoyed my time at NWC," said Goldstein. "I especially enjoyed staying with different families when I had to stay over. I'm basically a shy person and by living with different families, I feel I have gotten to know them. I will miss them all."

377 Homes for Sale

714-730 N. SANDERS - well established 31 unit apartment complex. Fully rented with excellent rental history, located in quiet residential area. \$375,000. *Help-U-Sell RE. 371-1005*

716 N. FLORENCE - Triplex in excellent condition. Newer building, 2 & 3 BR units, 3BR includes fireplace. Very good rental history, located in residential area on cul-de-sac. Assumable 10% loan. \$151,500. *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*

425 Apartment for Rent-Furn.

ALMOST NEW DUPLEX - 2 bedroom, FP, D/W, carpet, drapes, refrig, stove, garage, enclosed yard, W/D hookups, \$465/mo., \$500 deposit, no last. 446-7356.

429 Apartment for Rent-Unfurn.

2 BDRM, 1 bath, duplex w/2 car garage, fireplace, washer/dryer hook-ups, small fenced yard, carpet mini-blinds. Water & trash paid. Avail. June 3. \$450/mo. plus deposit. 375-9003.

2 BDRM, 1 bath, duplex w/2 car garage w/opener, fireplace, washer/dryer refrigerator, G/D, small fenced yard, carpet mini-blinds. Water & trash paid. Avail. May 17. \$470/mo. plus deposit. 375-9003.

430 Duplex For Rent

2 BDRM, 1 bath, duplex w/2 car garage, fireplace, washer/dryer hook-ups, small fenced yard, carpet mini-blinds. Water & trash paid. Avail. June 3. \$450/mo. plus deposit. 375-9003.

2 BDRM, 1 bath, duplex w/2 car garage w/opener, fireplace, washer/dryer refrigerator, G/D, small fenced yard, carpet mini-blinds. Water & trash paid. Avail. May 17. \$470/mo. plus deposit. 375-9003.

NEAR BACK GATE. Quiet location, freshly painted. Two bedroom duplex home. Dishwasher, stove, refrigerator, laundry hook-ups, drapes, water & trash paid. No pets. Garage. \$395/mo. 446-4810.

445 Room for Rent

EL RANCHITO MOTEL near base for a change of pace. A refreshingly different place, complete with mare Mustang "Chiyann", offering quiet and clean attractively furnished units with color T.V., refrigerator and maid service, \$120 per week for one person, \$150 per week for 2 people. 446-6209

469 Motorcycles

HONDA 1985 Odyssey, electric start, low hours, runs great, \$2,000. 375-4342.

HONDA 250 SX with helmet, runs good, \$200. Leave message, 375-1176.

I NEED a Jeep, car, pick-up or motorcycle. Call 371-1828.

MOTORCYCLE Re-upholstered, same day service. Reber Upholstery. 375-6446.

485 Autos for Sale

CADILLAC 1980 El Dorado, low mileage, \$3,950. See at Sooner Auto, corner of Inyo and Ward.

FORD 1976 Granada 302 V-8, auto, a/c, 83,000 orig. miles, am/fm, new tires, good condition, \$975 or best offer. 371-1828.

I NEED a Jeep, car, pick-up or motorcycle. Call 371-1828.

ISUZU 1988 Trooper 2, 4 wheel drive, excellent condition, great family vehicle, must see, \$10,700. 446-3075.

MAGNA 85 V65 14,000 miles, excellent condition. Tracy Vortex fairing. \$2,650. 446-5701.

TRIUMPH 1976 TR7, \$1,700 or best offer. 446-3101.

493 Four Wheel Drive

DODGE 1948 Power Wagon 4 x 4, Good condition. 377-5037 after 6 p.m.

497 Auto Repair

CUSTOM Auto Upholstery, satisfaction guaranteed. Reber Upholstery. 375-6446.

505 Autos, Wanted

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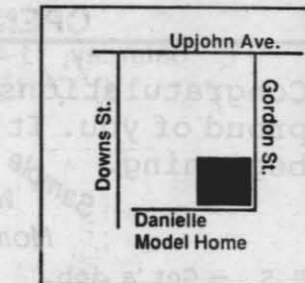
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Divine Services

Protestant	
Sunday Worship Service, Main Chapel	10:00 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)	1:00 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 G. L. Goodman, LT, CHC, USNR
Chaplain G. E. Williams, LT, CHC, USNR
Student Rabbi Lisa L. Goldstein
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CLASSIFIEDS

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HAPPINESS IS free crystal from Princess House! Call Sandy at 446-4398 after 5:30 p.m. for details.

305 Business
HAVING a party? Let C&C Productions cater your music. Call now, 375-3185 or 375-8809.

305 Business

WHEN YOU want the best in Mobile Music Service, call C&C Productions. "You're not partying until we're there". Call 375-3185 or 375-8809.

313 Personals

ATTENTION: Active duty, retired or fm. special ops forces. Party wishing to start chapter of S.F. Assoc. For info call Serf 375-5166 or Tom 375-4216.

317 Professional

C&C PRODUCTIONS MOBILE MUSIC SERVICE
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-Nightclubs
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325 General Services

C&C PRODUCTIONS MOBILE MUSIC SERVICE
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-Nightclubs
-Weddings/Receptions
And much more! For more info call Pat at 375-3185 or 375-8809.

CREATIVE CIRCLE now has quilting, lots of new needle craft kits and decorative items. Host a class or earn more money and be a sales rep. 446-3075.

IF YOUR BUILDING is overheating, YOUR WINDOWS may need help.
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333 Help Wanted

BURGER KING is now hiring, apply in person 139 N. China Lake Blvd.

FULL TIME RECEPTIONIST/Administrative Assistant Falcon Microsystems, Inc. 446-7777.

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.

353 Miscellaneous For Sale

ARE YOU AT THE end of your measuring tape? Want to lose weight successfully? Call Yvonne at High Desert Hypnosis 375-5050.

ARE YOU HAVING behavior problems with your child? NEED HELP? Call Ninnes at High Desert Hypnosis 375-5050.

ARE YOU TIRED OF seeing your money go up in smoke? QUIT NOW! Call Yvonne at High Desert Hypnosis 375-5050.

DO YOU LOVE the Princess House Collection? It's easier to obtain than you might think! Call Sandy at 446-4398 after 5:30 for details.

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

NEW POLYESTER YARDAGE. Various prints. Shirts, drapes & womens denim jeans, large sizes. 375-9528

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.

SCUBA EQUIPMENT, full set \$300; 30 gal. aquarium with stand, \$80. 446-5701.

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

WILHORN & SONS FIREWOOD
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377-4465

373 Lots and Acreage
2 1/2 ACRES near College. Fairly new double wide mobile home. On natural gas & city water. Exceptionally nice mobile home features: drywall construction, double pane windows, three bedrooms, two baths, dream kitchen, family, dining & laundry rooms. 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. - 12,726, 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*

373 Lots and Acreage

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*

RIDGECREST HEIGHTS - R1 zoning, all utilities in, ready to build. Approximate lot size 55' x 120'. \$2,950. *Help-U-Sell RE. 371-1005*

RIPLEY ESTATES - curb & gutter & all utilities in. Ready to build, zoned R1. Lot size approx. 89' x 130'. \$21,500. *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

MOVING, must sell fast, beautiful mt. house in Weldon. Appraised at \$82,000, 45 min. commute, VA terms, other terms available. 2 bdrm., 1 bath, large 2 car garage, (renovated), large double screened porch, babbling brook, own well, pump 5 gal. per minute, wood burning stove, all oak interior, \$75,000, 1,850 sq. ft. call after 6 p.m. 378-2621.

OLDER 3 BR. 1 bath fenced yard, newly remodeled, good location, \$55,000. 375-1938.

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 12x60 mobile home. Three bedroom, 1 1/2 baths, carpets, drapes, refrigerator, stove, swamp cooler, and a foamed roof. Asking \$10,000. (805) 949-1479.

32 1/2 FOOT FIREBALL Deluxe Travel Trailer, 1984, Blue book \$12,000, asking \$9,000. See at Clark's RV, 1441 N. China Lake Blvd.

OPEN HOUSE Saturday & Sunday 12 to 4 p.m.
1600 N. Norma, Sp. 57, 14x60 mobile home, 2 bed., 2 bath, enclosed deck, 10x12 shed, many extras. Appraised at \$31,000, selling for \$26,500.

389 Business Prop. for Sale

1290 E CALIFORNIA - Six plex for investment! Two 3 bedroom, four units, excellent condition. Reduced to \$258,000. *Help-U-Sell RE. 371-1005*

134 LOCUST - Investment property! 4-plex in good location, well maintained & just reduced to \$239,000. *Help-U-Sell RE. 371-1005*

138 LOCUST - 4-plex at reduced price! Good rental history, nicely cared for property, value priced at just \$229,000. *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*

308 W. WILSON - Good condition, good investment! 6 plex, parking, laundry facilities. Good location. \$275,000. *Help-U-Sell RE. 371-1005*

Carter earns TTCP award for research

NWC engineer Russell Carter received a special achievement award for his work with The Technical Cooperation Program (TTCP) in a ceremony at the Pentagon in March. The award, in recognition of his significant contribution to the DOD, was presented by Dr. George Millburn, U.S. Principal to the Subcommittee on Non-Atomic Military Research and Development (NAMRAD). RADM. Richard Frichtenicht, Deputy Commander for Plans and Programs, Naval Air Systems Command, attended the ceremony.



FIRST OF ITS KIND—Code 3911's Russ Carter (right) is congratulated by George Millburn, U.S. NAMRAD Principal, in a March ceremony at the Pentagon. His work with The Technical Cooperation Program on missile radar tracking simulation was a significant contribution to the DOD.

Currently employed in the RF Missile Systems Branch (Code 3911) at NWC, Carter has 18 years direct involvement with the Sparrow Program working in computer simulation. For his effort in getting NWC's Hardware-in-the-Loop simulation lab up and running, he received the Technical Directors Award in 1986.

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Computing Technology's
Computer Store
249 Balsam 375-5744 next to the Music Man

Mipi is "shoe-in" for motorcyclist

Put your best foot forward. That's what Bob Van Stee did, literally! Bob is a motorcycle rider who noted that the regulations for motorcycle safety required that hard-soled shoes be worn for foot protection when riding a motorcycle on-Center. He also noted that hard-soled shoes became slippery on wet or sand covered pavement. So he submitted MIPi No. 480 to get a waiver which would allow the use of more stable rubber-soled shoes.



When the Safety office looked into the issue they found that the OPNAV instruction did not clearly define what "hard-soled shoes" meant. They called the Navy Safety Center for an interpretation of this requirement. What they found was that rubber soled shoes (not tennis or similar jogging shoes without heels) were considered to be within the definition of hard-soled shoes. Therefore, they were able to solve the issue here at China Lake through a new interpretation of the regulation. They didn't need to go for waiver authority from headquarters; they simply approved the MIPi locally as a change to the Center's instruction. So why not put your "best foot forward?" Take a look around. Are there any regulations making your job unnecessarily difficult? Are there any regulations that interfere with the quality of life here on the Center? If you think you've got something that falls into either of these categories, then MIP it! It might be something that can be resolved through interpretation of a regulation as in Bob Van Stee's case. If not, then it may be handled as a waiver request to headquarters. You'll never know until you try.

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PILOT'S SEAT—Carol Oakes, deputy director for computer applications, Joint Electronic Warfare Center (JEWEC), San Antonio, takes the pilot's seat in the drone operations area at the Range Control Center on a recent visit. Capt. Mark Oetinger, vice director, JEWEC, and Larry Tsubakihara, head, Data Systems Division, are looking on. Bill Swart, technical director, JEWEC, not pictured, was also on the NWC visit.

Security refresher gets good survey response

Returns are in from the annual security refresher. This year's presentation was well received; however, a disappointing number of employees failed to attend! John Hammonds, head of the Security Education Branch, has scheduled the second and final make-up session for 10 a.m. on May 24 at the Center theatre.

The briefing was positive. The Technical Information Department was recruited to help put together a visually stimulating presentation. Their success was measured by the response of attendees. "Security is not necessarily an exciting subject," acknowledged Hammonds, "but it's important that employees have a positive security

Final make-up session set for May 24 at 10 a.m. All with classified clearance must attend a 1989 security refresher.

Only those employees with access to classified information are required to attend. After the first make-up session, computer records revealed that 857 such employees had not participated. Failure to attend is considered a violation of security regulations. Response to a new video shown at

attitude." In the past, the security division has solicited audience comments regarding the briefings. Honesty and openness resulted in improvements to the subsequent presentations. Questions generated from this year's briefings will be addressed in a security bulletin next month.

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.



Housing has vacation tips

HOUSING SAYS...Having guests? Going on vacation? You may make prior arrangements for out-of-town visitors by calling the Official Visitor Branch, NWC ext. 2181 or 2182, during regular business hours. If you are planning on guests visiting longer than 72 hours, Guest Request Forms are available at the front desk at the Housing Office. Approval for up to 30 days can be given by the Housing manager.

When planning a trip out of town this summer, remember to arrange for someone to check on your home while you're away. Arrange for lawn care and care for your pets. The China Lake Police Department will check your home periodically if you stop by the Police Station or give the Police a call to let them know when you'll be away. Remember to let the Housing Office know if someone will have a key to your house in your absence, just in case that person loses it or locks the door with the key inside.

Bakersfield classes

(Continued from Page 18)
Note: This course satisfies General Education Goal XIII for CSUB students.
ADM 677: Applied Organizational Theory (5 units)
July 17-August 17; Mondays and Thursdays, 1610-2110; Training Center. By Professor John Layan, CSUB.
Scope: Study of organizational issues such

as environment, constituencies, bureaucracy, structure, control, innovations, decision-making, power and politics. Students will apply models presented in class to analyze cases and to conduct an indepth analysis of a real organization.
Marketing 300: Marketing management (5 units)
July 17-August 17; Mondays and Thursdays, 1610-2110; Training Center. By Professor Dennis Guseman, CSUB.

days, 1610-2110; Training Center. By Professor Dennis Guseman, CSUB.
Scope: A study of the nature and role of marketing in advanced economies in a managerial context presented in a lecture, case and applied format. Analysis of consumer wants, motivation and purchasing power, and introduction to and formulation of optimizing mixes

between product, pricing, distribution and promotional variables.
Note: This is a core course for the bachelor's degree in business administration.
General Comments
1. Textbooks are available at bookstores locally.
2. Job-related courses, other than those listed

above or those offered under contract with Cal-State Chico or Cal-State Northridge 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 at NWC ext. 2648.

CCCC plans registration

Cerro Coso Community College summer registration for continuing students will be May 23 and June 12 through 15 on a walk-in basis. New students may register on June 12 through 15 on a walk-in basis. Schedules should be available in the Training Center lobby.
The center will pay full tuition if the courses are provided under the NWC/Cerro Coso Contract. If courses are job-related or will strengthen the student's contributions to the Center's mission, tuition will be paid directly to the college by Code 224 after a NAVWPNCEN 12410/73 (Request for On-Center Training) is submitted to Code 224 via department channels.
If a course is not directly job-related, along with the NAVWPNCEN 12410/73, a

NAVWPNCEN 12410/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, are needed.
If applicants are not yet California residents, a DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement), along with a job order number, is needed.
Requests for tuition support must be received by close of business May 17 for the May 23 registration and by close of business June 6 for the June 12 through 15 registration. Those received after June 6 will not be processed. Employees who pay tuition will not be reimbursed.
For more information, please call Cecil Webb at NWC ext. 2648.

Workers need leave hours

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. For more information about this program, call NWC ext. 2018.
Linda K. Dittmeier, Computer Specialist, Code 2771 — has used all her available annual leave caring for her husband during his long-

term fight with cancer.
Joan A. Johnson, Secretary, Code 3592 — needs annual leave to care for her husband who is being treated for cancer.
Leo Montano, Visual Information Specialist, Supervisor, Code 3441.
Carolyn A. King, Engineering Data Management Specialist, Code 36543.
Sarah Polak, Computer Specialist, Code 35604.
George Stillwell, Physicist, Code 3917.

EMPF needs writer/editor

(Continued from Page 18)
printing and publication requirements; and ability to communicate orally and in writing. Note: Attach a statement describing how you

meet the knowledge, skill and/or ability required by each ranking element and identify which job, volunteer work, etc., education or training shown on your SF-171 gave you this knowledge, skill and/or ability.

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Promotional opportunities

(Continued from Page 17)
Promotion potential is to DG-3, but not guaranteed.

No. 24-011, Secretary, DG-318-2/3/4, 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. Previous applicants need not apply.

No. 39-039, Secretary (Typing), DG-318-1/2, Code 3943 - This position provides secretarial support to the Advanced Signal Processing Branch. Promotion potential to DG-2.

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. Previous applicants need not reapply.

No. 62-027, Secretary (Typing), DG-318-1/2, Code 6253 - This position is located within the Telemetry Branch, of the Data Systems Division, Range Department. The incumbent provides secretarial and administrative support to the branch. Incumbent 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 but not guaranteed. Status eligibles may apply.

No. 62-028, Secretary (Typing), DG-318-2/3, Code 625 - This position is located in the Data Systems Division, Range Department. The incumbent provides secretarial and administrative support to the division. Incumbent 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-3 but not guaranteed. Status eligibles may apply.

EMPF needs writer/editor

No. 175-89, Writer/Editor (Printed Media), GS-1082-9/11, \$23,846/\$28,852 PA, Naval Industrial Resource Support Activity Detachment, EMPF, Ridgecrest, CA - This position may be filled at the GS-09 or GS-11 level. Please indicate the grade(s) for which you are applying. A selectee brought in at the GS-09 level may be promoted to the full performance level in accordance with information provided below in "How to Apply." Duties: This position is located in the Publications Directorate, Naval Industrial Resources Support Activity Detachment Electronics Manufacturing Productivity Facility (EMPF), Ridgecrest, CA. The selectee of this position will be responsible for the performance of the following duties: coordinate the development and production of publications; track and maintain publication development schedules and obtain appropriate and effective services to meet publication development requirements; determine requirements for publications and plans, designs, writes, edits, maintains, revises, coordinates and/or directs their preparation, production and printing; ensure publications' content and presentation is suitable for intended audience(s) and meets organization's objectives; edit documents to ensure quality and standards; provide writing and editing services and expertise for publications and documentation matter and on information gained through research, interviews, observations and notes or other material collected; edit material submitted for publication and documentation by managers, engineers, scientists and other writers; coordinate an effective distribution system for organization's publications and documentation; coordinate the in-house technical library and document control system; establish and refine policies and procedures for developing and maintaining the internal document control system; and perform other duties as assigned. How to Apply: Applicants must submit a complete and current SF-171, current Performance Appraisal and Supplemental Experience Statement, if requested, to EMPF, Ridgecrest, CA not later than May 31. A Background Survey Questionnaire 79-2 (OPM Form 1386) should be submitted with your SF-171. Submission of OPM Form 1386 is voluntary and the information provided will be maintained separately from your SF-171. In addition to meeting the time-in-grade restrictions, applicants must meet the experience requirement specified in Civil Service Handbook X-118, Series 1082. Evaluation Methods: Basically eligible applicants will be evaluated on the following job related criteria on the basis of experience and training, supervisory appraisals and awards received. Appointment to this position may be subject to drug testing. Job-related elements: Knowledge of appropriate regulations, policies, procedures and precedents regarding publication and documentation needs; knowledge of graphic design and production techniques and

Bakersfield sets courses

The following classes are being offered this summer for the Cal-State Bakersfield Bachelor's Degree in business administration and Master's Degree in administration programs. To enroll in these classes, submit an on-center Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. 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.

MIS 610: Seminar in Information Management Systems (5 quarter units)
June 12-July 13; Mondays and Thursdays, 1610-2110; Training Center. By Professor Brian McNamara, CSUB.

Scope: This course examines technology as a force of social change that raises or influences public policy questions. Special attention is given to the unintended as well as intended consequences of technology in our lives. The course also examines the problem of how public policy may shape technology to meet future human needs. Areas such as space exploration, national defense and computers are investigated. Cases provide the theoretical and conceptual bases for intensive treatment in group and individual presentations.

systems and organizations.

Note: This is a core course for the master's degree in administration.
BPA 310: Technology and Public Policy (5 units)
June 12-July 13; Mondays and Thursdays, 1610-2110; Training Center. By Professor Everett Mann, CSUB.

Scope: This course examines technology as a force of social change that raises or influences public policy questions. Special attention is given to the unintended as well as intended consequences of technology in our lives. The course also examines the problem of how public policy may shape technology to meet future human needs. Areas such as space exploration, national defense and computers are investigated. Cases provide the theoretical and conceptual bases for intensive treatment in group and individual presentations.

(Continued on Page 19)



Today marks significant Mexican holiday and reason to celebrate CINCO de MAYO MAY 5

Editor's Note: The following article about "Cinco de Mayo" was contributed by the American Heritage Committee. This series of articles illustrate NWC's **Pride in Diversity**.

One of Mexico's most important national holidays is the Fifth of May, which commemorates the victory of the Mexican forces over the French army at Puebla in 1862. On this day approximately 2000 Mexicans repulsed a French force of over 6000.

In 1860 Mexico began a civil conflict resulting in the separation of church and state. The post war desolation was tragic—the Reform War left the country bankrupt. Although \$45 million worth of church property was nationalized, less than 2 million pesos reached the state treasury through sales.

Furthermore the country owed \$80 million to foreign powers and individuals. In July 1861, the Mexican congress voted to suspend all payments on principal and interest on foreign debts for two years. As a result of this moratorium France, England, and Spain formed a coalition against Mexico.

Each nation developed a rationale for attacking Mexico; Spain—

complaints of unkept treaties and expulsion of the Spanish minister; France—expansion of French commercial and cultural influence in Latin America; England—Mexico's default on payments to its bondholders as well as the wartime seizure of two shipments of silver belonging to British mine owners—one valued at \$600 thousand, the other worth one million pesos.

In October 1861, France, Spain, and England began a joint naval demonstration against Mexico under the guise of compelling Mexico to make payments to the bondholders. Fleets from the three powers sailed for VeraCruz and arrived near the end of the year. The tripartite military command announced that they

had no intention of conquering Mexico and that nothing was desired but settlement of just claims and to help in the regeneration of Mexico. After three months, friction between the military commanders and civilian commissioners led to a conference with Mexican representatives resulting in a preliminary agreement with the complete withdrawal of British and Spanish contingents.

The French remained, repudiated the agreement and started a war of conquest. The French army met the Mexicans under the command of Ignacio Zaragoza on May 5 and was driven back with serious losses. The battle itself was not of great importance, but the victory appealed to the imagination of the Mexicans

because they had succeeded, even though temporarily, in resisting foreign invasion. Approximately one year later, after the arrival of thirty thousand soldiers, the French expeditionary force under General Elie Forey advanced toward Mexico's capital. Again the major obstacle was Puebla, but this time the city was defeated after a two month bombardment. President Juarez, who had made preparations for the defense of the capital, realized the hopelessness

of the situation and fled north with his cabinet and remnants of the republican army.

The city of Puebla, which had been known as Puebla de Los Angeles, changed its name to Puebla de Zaragoza as a tribute to the general who defended it from the French. The body of the general lies in the Pantheon de San Fernando in the Mexican capital.

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VOLUNTEER OF THE YEAR—Pris Dropp, left, outgoing chairman of the NWC Navy Relief chapter, congratulates Mary Stites for being chosen the chapter's Volunteer of the Year. The Navy Relief is offering an information course May 8-11 from 9 a.m. to noon. Call NWC ext. 2921 for more information. Photo by PHAN Cary Brady.

NAVY RELIEF NEWS



CHANGE OF COMMAND—Pris Dropp, left, outgoing chairman of the NWC Navy Relief branch, presents the new chairman, Kris Hoppock with a congratulatory letter from Capt. Burt. Navy Relief is staffed by trained volunteers. For more information, call NWC ext. 2921. Photo by PHAN Cary Brady.

NRS vols honored for work

Several Navy Relief volunteers were honored for their contributions to this vital service agency last Friday.

Kris Hoppock assumed a new role as Chairman of Volunteers; Pris Dropp was honored for her outstanding leadership as director of the China Lake branch; and Cindy Fedyschyn was honored as Layette chairman and interviewer. Fedyschyn is relocating to Lemoore.

Several volunteers received service pins. Edith Haley, Margaret McMahon, and Eleanor French earned 100 hour pins. Mary Burt was honored for contributing 300 hours of service. Special honors were awarded to Mary Stites as the branch's "Volunteer of the Year."

The branch is sponsoring a Navy Relief course, open to all, on May 8-11 from 9 a.m. to noon. Joyce Dinnage, Navy Relief Executive Director from Long Beach, will be instructing the course.

For more information on the course or Navy Relief, call NWC ext. 2921.

Be Money Wise

"Be Money Wise" with the new self-help budget planner from the Navy Relief Society. The tool can help sailors and marines determine just how many dollars they have and what their real monthly expenses are with the easy-to-use worksheet.

Some practical hints will help readers take charge and be in control. To obtain "Be Money Wise" and other information on budget management, call or visit the Navy Relief Society at 1811 Lauritsen, NWC ext. 2921. The office is open Mondays, Wednesdays, and Fridays from 11 a.m. to 2 p.m.

Training and experience

Most employers WANT it; we GIVE it! Call 446-4217 now. The Naval Reserve has a few part-time openings. We also offer education assistance; medical, construction and administrative opportunities. Call 446-4217 now!

Navy Relief brings informational course to China Lake next week

Navy Relief Society Long Beach Auxiliary is bringing to China Lake a week-long course on Navy Relief policies, programs and opportunities. Joyce Dinnage will instruct the course the week of May 8, from 9 a.m. to 12 noon each day, at the China Lake Navy Relief Office, 1811 Lauritsen Rd.

The course covers topics ranging from pay and allowances and Navy Relief policies to volunteer programs and opportunities.

Students completing the course, which is open to everyone, will receive a diploma on the final day. There is no requirement for persons taking the course to become volun-

teers, but those who desire to do so may work as a receptionist or interviewer in the office, or in other volunteer programs.

Call the China Lake office at NWC ext. 2921 to sign up for the class, request free pre-school nursery care, or receive more information. Mileage will be reimbursed upon request.



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Personnel opportunities

(Continued from Page 16)

(General/ Electronics/ Mechanical Engineer/ Physicist/ Mathematician/ Computer Scientist), DP-801/855/830/1310/1520/1550-1/2/3, Code 3945, (MULTIPLE VACANCIES) - These positions are in the Signature Measurements and Evaluation Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The incumbents will perform infrared signature modeling of ground and air targets and backgrounds. Modeling of atmospheric transmission is also needed. Responsibilities include running existing models, modifying and customizing existing models to meet Sponsor/Center needs and model creation. Validating models with measured data is also required. Experience in IR modeling and computer programming is desired. Experience with EO/IR technologies, sensors, and signature data is also desired. Knowledge of radiation physics is desired. Requires the willingness to perform in a role of Project Manager and assume responsibility for the completion and documentation of projects supporting both the Tech Block and Center programs. To apply, send an updated SF-171 to Gerry

Powell, Code 3945, NWC ext. 2237.

No. 39-041, Interdisciplinary (General/ Electronics/ Mechanical/ Aerospace Engineer/ Physicist/ Mathematician), DP-801/855/830/861/1310/1520-3/4, Code 3901A - This position is that of project manager for the Artificial Neural Network (ANN) Advanced Technology Demonstration (ATD) Project in 3901A. The goal of the three year OPNAV sponsored ATD project is to develop and demonstrate an analog artificial neural network signal processing computer system which will solve infrared background clutter problems associated with imaging infrared anti-air missile seekers. The technical scope of the project includes theoretical analyses and simulation of

artificial neural networks, analysis of the nature of infrared background clutter, development of an ANN processor architecture to reject the clutter, custom integrated circuit design, digital and analog circuit simulations, development of an ANN signal processing laboratory, hardware fabrication system testing and evaluation, and demonstration of the real time processor with a missile seeker. Responsibilities of the ANN ATD Manager include leadership of the project team, OPNAV and NAVAIR sponsor interface, planning and definition of technical goals, milestones and schedules, financial tracking, management of project personnel and tasks, and reporting of progress. To apply, send updated SF-171 to Bill Webster, Code 3901A, NWC ext. 4624.

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. 20-016, Secretary (Typing), DG-318-2/3, Code 20 - This position is located in the office of the Quality Review Group (Code 20). Incumbent's position is essentially two-tiered, providing general secretarial support to the functional offices in the group (QA/QC, Management Controls, Environmental Review, Equipment Management and Space Resources) and more focused support to the Design Review

Group. In support of the Design Review Group, the incumbent will attend and document the proceedings at Center level Program Reviews (locally referred to as DRCs), will maintain the schedules for Technical Management Briefs (TMBs) and will organize and maintain the DRC, TMB and action item response files. Contacts will be across the entire Center organization. (Continued on Page 18)

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Chico Classes set

Classes being offered this summer for the Cal-State University Chico (CSUC) Computer Science Program (bachelor's and master's degrees) were printed in the April 28 issue of the *NWC Rocketeer*.

Classes begin the second week of June and the deadline for enrolling is 10 calendar days before the starting date of the class. Anyone wanting information about these classes should stop by the Rocketeer Office (corner of Nimitz and Lauritsen) or call Cecil Webb, NWC ext. 2648.

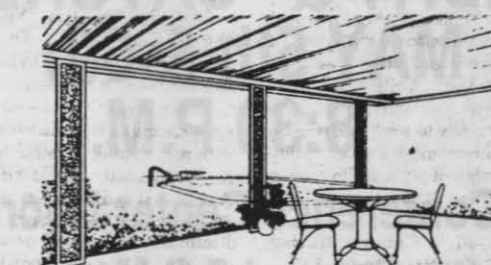
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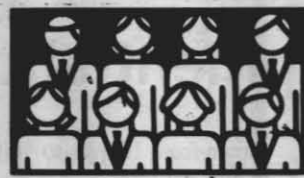
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Personnel News & Notes

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC...

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form...

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy.

No. 22-012, Personnel Management Specialist, DA-201-3, Code 226. Position is located within the Personnel Service Divisions, Human Resources Department.

No. 24-016, Fire Communication Operator, GS-081-4/5, Code 242. This position is located in the Fire Division, Safety and Security Department.

No. 28-031, Computer Specialist, DS-334-2, Code 28432. This position is located in the Office of the Comptroller, Financial Information Systems Division, Computing Systems Branch, Systems Programming Section.

tuning, development of computer operational procedures, and facility planning for computer hardware. Job Relevant Criteria: Knowledge of system management functions for VAX computer systems via hands on experience and formal training...

No. 28-032, Computer Scientist, DP-1550-2, Code 28432. This position is located in the Office of the Comptroller, Financial Information Systems Division, Computing Systems Branch, Systems Programming Section.

No. 31-028, Supervisory Interdisciplinary (General/Mechanical/Electrical/ Electronics/ Aerospace Engineer/ Physicist/ Mathematician/ Computer Scientist), DP-801/830/850/855/861/1310/1520/1550 - 4, Code 3101.

No. 24-019, Security Specialist, DA-080-1, Code 243. This position is located in the Security Division of the Safety and Security Department.

No. 28-031, Computer Specialist, DS-334-2, Code 28432. This position is located in the Office of the Comptroller, Financial Information Systems Division, Computing Systems Branch, Systems Programming Section.

No. 32-028, Engineering Technician, DT-802-3, Code 3269. This position is located in the Ordnance Evaluation Branch, Conventional Weapons Division, of the Ordnance Systems Department.

tests in remote sites; preparing sketches, drawings, and reports for various tests; providing data analysis for high-speed photography and pressure gage arrays.

No. 39-036, Supervisory Electronics Engineer, DP-855-3/4, Code 3943. This position is Head, Advanced Signal Processing Branch, Electro-Optics Guidance Division, Intercept Weapons Department.

No. 39-040, Administrative Officer, DA/DP-341-3, Code 39B3. This position is the Business Manager for the Missile Homing Improvement Program Office.

resources and other administrative duties for the office. Job Relevant Criteria: Knowledge of NAVWPNCEN financial system; knowledge of project management and funding; knowledge of contract preparation and monitoring...

No. 62-018, Electronics Technician, DT-856-2/3 (Multiple vacancies), Code 62041. This position is located in the Junction Ranch Test Section of the Radar Cross-Section Range Office in the Range Department.

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.

No. 39-033, Interdisciplinary (General/Mechanical/Electrical/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3/4, Code 39B8.

No. 39-037, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-

Technical Societies

AIAA hosts annual dinner

On May 12, the China Lake section of the American Institute of Aeronautics & Astronautics will hold its annual dinner.

The public is invited to attend this informative presentation. Tickets are \$12 per person and reservations must be made by close of business on May 8.

People wanting to reserve their tickets should call Dennis Sorges,

NWC ext. 6401; Jim Serpanos, NWC ext. 3663; Doug Blanchard, NWC ext. 2866; or Fred Zaringo, NWC ext. 7395.

Sachs' presentation will trace the development of the B-17 Flying Fortress from concept to modern times.

Sachs' familiarity with the B-17 stems from his experience as a B-17 co-pilot in the Eighth Air Force during WWII.

AOC discusses AEGIS SPY-1

On May 10, the Association of Old Crows will sponsor a presentation on AEGIS AN/SPY-1 Radar System ECCM features.

Speaker Douglas Perham of GE Aerospace was the systems engineer responsible for the development of the AEGIS SPY-1, including its integration and test.

The topic is particularly relevant because future radar development is likely to embody many features presently available in the SPY-1 multifunction array radars installed in AEGIS class of destroyers and

cruisers. The concepts underlying an ECM resistant equipment design and the complementary features of the computer control that enable the system to tolerate a robust ECM environment will also be discussed.

Interested parties planning to attend this informative presentation should contact T. R. Williams at 446-7961 or Gail Salter at 446-5561.

NIF addressed at ASMC

Leon Manton, author and lecturer on financial management with the firm of P&M Associates, will be the featured guest speaker for the May American Society of Military Comptrollers (ASMC) luncheon meeting.

He is a veteran of 32 years of government financial and supply experience. His topic will be "The Navy Industrial Fund (NIF), How It Evolved, and the Future of NIF."

The China Lake chapter of the ASMC extends an open invitation to its luncheon meetings. The meeting will be held on Wednesday, May 10 at 11:30 at the El Charro Avitia restaurant.

For reservations, call Theresa, NWC ext. 2633, Lydia, NWC ext. 2141, or Sybille, NWC ext. 2151, by May 5.

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DRIVE SMART



NWC MUG

All interested Mac users are invited to attend a planning meeting to set up a new user group for the Apple Macintosh personal computer.

The purpose of the Naval Weapons Center Macintosh User Group (NWC MUG) is to enhance the productivity of NWC employees, contractors and consultants using the Macintosh in an official capacity.

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Demonstration project evaluated by OPM; analysis summarizes participant responses

A recent Office of Personnel Management (OPM) report evaluating the Demonstration Project revealed that the project has led to increases in satisfaction with perceptions of the pay-performance link, pay satisfaction, job satisfaction and fairness of performance ratings by employees and supervisors at both Demonstration Project laboratories.

of 61 percent. The following excerpts are from the analysis. Further excerpts will be published after analysis.

Pay-Performance Link

Before implementation of the demo and government-wide merit pay system for supervisors in grades GM-13 to GM-15 (senior managers), less than 50 percent of the employees at the demo and control labs saw a pay-performance link.

By 1987, two-thirds of the employees at the demo labs reported a link between performance and rewards, but the change at the control labs was not significant (only the GM level at the control labs were under a merit pay system).

A separate analysis of supervisory versus non-supervisory responses revealed more positive attitudes on the part of supervisors. At the control

labs, the perceived pay-performance link increased by only three percent, compared to a 20 percent positive increase by supervisors at the demonstration labs.

Satisfaction with Pay for Performance

In 1979, only 44 percent of employees at both the demonstration and control labs perceived their performance ratings as fair; perceptions were significantly more negative at the two demo labs.

By 1987, however, perceptions of fairness regarding performance ratings had increased by 20 percent at the demo labs and by 10 percent at the control labs.

Pay Satisfaction

Although only 44 percent of employees responding to the survey

at all four labs in 1979 were satisfied with their pay, pay satisfaction at the demo labs had increased to 55 percent by 1987. (This criteria had decreased to 39 percent at the control labs during the same time period).

Supervisory Authority

The majority of supervisors at the demo labs, 54 percent, agreed in 1987 that they can now determine their employees' pay, compared to only 17 percent at the control labs.

The adequacy of supervisory authority to hire competent people improved at the demo labs. Only 28 percent of the supervisors believed that this authority was adequate in 1979; this number had increased to 50 percent in 1987. Only 36 percent of

supervisors at the control labs believed the authority was sufficient.

Authority to remove poor performers was perceived to be adequate by 35 percent of supervisors at all four labs in 1979 (29 percent at the demonstration labs and 42 percent at the control labs). In 1987, this number had increased to 46 percent at the demonstration labs, while dropping to 39 percent at the control labs.

Authority to promote employees was reported as increasing at both demonstration and control labs, from 29 percent in 1979 to 60 percent at the demo labs and 47 percent at the control labs.

Influence over classification decisions has also increased, from 22 percent of supervisors in 1981 (the first (Continued on Page 11))

Heed NWC traffic laws

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 — CLPL Road.
 •Tuesday — Knox Road.
 •Wednesday — Richmond Road.
 •Thursday — Lauritsen Road.
 •Friday — Burroughs Road.
 Violations may be cited at anytime as well as in areas other than the ones mentioned above.

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Rodeo winners will earn \$600 in prizes

With over six hundred dollars worth of prizes collected, BT2 "Pops" Laisure feels tomorrow's first Air Test & Evaluation Squadron Five (VX-5) Motorcycle Rodeo will be a success. All proceeds, minus expenses, will be donated to the Navy Relief Society.

All participating motorcycles will be inspected for safety in the parking lots by the Technical Information Library on Blandy Avenue beginning at 8 a.m. Prospective participants who still need to register and pay their

entry fee of \$10 each, may do so at this time. The rodeo will start at approximately 9 a.m.

The course will consist of events such as cone weaves, 90 degree corners, circles, 20 mph stops, stopping in a corner, emergency stops, emergency obstacle avoidance (swerve technique) and a timed 2" by 4" balance run.

All motorcycle riders who have a current drivers license with a motorcycle endorsement, current motorcy-

cle registration and proof of insurance are invited to participate in this event.

Riders will be classified by the type of motorcycle, the displacement, accessories, etc. and will compete against similar motorcycles.

Competitors are required to adhere to Navy safety regulations, including wearing of helmets with a full face shield, gloves, hard sole shoes with heels (see MIPI article) and long-legged pants.

In addition to the rodeo excitement, a variety of motorcycle equipment and lines of motorcycles will be shown.

As of the NWC Rocketeer's deadline, the following businesses have donated prizes to be awarded to top finishers: Dan's Auto Part, Graziano's Pizza Restaurant, Ridgcrest Motor Sports, JME Racing, High Desert Home Center, Domino's on Inyokem Road, Junk Food Junction, Little Vinnie's, Root Cellar, Wherehouse, Submarina, Sports Oasis, Desert Sport Center, Inc., Kawasaki-Suzuki of Ridgcrest, Classic Pizza, Todd's Outdoor Supply, Big Guy's Tux/Big Guy's Fashions, Desert Auto Parts, NAPA, Pappy Jacks and Big A Auto Parts.

For more information call Laisure at NWC ext. 5695.

Fitness equipment shown

On Friday, May 12, the Morale, Welfare & Recreation Division's Sports Branch and the Naval Weapons Center's Wellness Program will host a "Home Fitness Equipment Expo" at the Enlisted Mess. State-of-the-art home exercise equipment will be

shown from 10 a.m. to 4:30 p.m. in the ballroom.

People knowledgeable about home exercise equipment will be on hand to answer questions and to help plan individualized home gyms.

Soccer workshop is scheduled

All youth soccer players, ages 7 to 12, are eligible to enter the Soccer Skills Workshop set for May 13. The workshop, sponsored by NWC Youth Sports and "Scorpions" Soccer leagues will be held on Davdove Soccer Field from 2 to 4 p.m.

Ribbons will be awarded to the contestants.

Prior to the workshop, end-of-Youth-Soccer-Season patches and pictures will be given out.

For further information, call Myriam at NWC ext. 2909 or 3097.

Marine Corps Air Ground Combat Center saddles up for Rodeo Days

Marine Corps Air Ground Combat Center, Twentynine Palms, is saddling up for its 12th annual "Rodeo Days" on May 19, 20, and 21. Military and civilian cowboys and cowgirls from across the nation will compete for cash, prizes and fame. Weekend activities include a carnival and midway, parade and spectator events.

The carnival and midway open on Friday at 5 p.m. with first rodeo performances beginning at 7 p.m.

All entries for this year's Rodeo Days must be received not later than May 12. For more information call Terry Kline, (619)368-6597 or AUTOVON 952-6597. Entries may be called in to H.R.B. Rodeos at (602)943-9610.

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Youth Soccer League...

(Continued from Page 14)

John Ames and Daniel Rice, "rocket power" just wasn't enough.

Strikers 1, Jets 1
 Strikers' attacks were led by Irene Stevens, Chris Galyardt and Rose Green. Heath Chambers knocked in the only goal. Shots by James Schaffer, good kicks by Justin Quenan and a goal by Kurt Katzenstein made the Jets a formidable team.

Division III
Goal Busters 4, Mustangs 0
 Once again the Goal Busters tipped the scales with goals by Mark Castillo, Mike Frederick and Joseph Mechtenberg and good plays by Galen Hollins. Thai Gutierrez, Michael Rodman and Jason Ford played well in the loss.

Furries 3, Lancers 0
 Super defense by Melissa Murphy and Jason Bowling and goals by Dan

Hartley and Mike Schuchman won the game. Neal Covington and Andrew Grabowski had several great goal attempts and Tony Prachia played good defense in the loss.

Stings 4, Soccers 1
 Good recoveries by Stephen Aspen and David Prince and successful shots at goal by Glenn Conrad and Christina Davis resulted in a victory. Plays by Dan Behr, Holly Staak and Lyda Shane, along with a goal by Aaron Knecht, made this an exciting game.

Division IV
Aztecs 4, Renegades 0
 Teamwork in a very aggressive and fast-paced game and goals by Mike Ogren, Tom Foisey and Steve Lundwall put the Aztecs on top. The Renegades did not turn in a score sheet.

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Intramural volleyball play ends with three top teams

With 11 wins and 1 loss, Courter Pounders took first place in the A Division of the NWC Intramural Volleyball League. The victors were beaten once by the fourth place team, Things That Go Bump in the Night.

Hitter's had second place honors with 9 wins and 3 losses and Rough Cuts earned third place with 8 wins and 4 losses.

Bud Shooters had 7 wins and 5 losses. Mixed Co. and Puppies tied for sixth place with 5 wins and 7 losses.

Far Side Out and Nut-N-Honey tied for eighth place with a 3-9 standing.

The Wall came in last place by winning only one game.

First place in the B Division of the league went to Sea Otters with 11 wins and 1 loss. The team was beaten by the fourth place team, Sports Oasis.

Second and third place honors went to Oh Baby (10 wins and 2 losses) and Bumpers (9 wins and 3 losses), respectively.

It's Yours earned fifth place with 8 wins and 4 losses and Roadrunners, with 7 wins and 5 losses, ended up in sixth place.

With 7 wins and 5 losses, Echo Echo scooped up seventh place and the Aeronettors and Bs and More tied for eighth place with an even split of 6 wins and 6 losses.

Hooters Hitters won three of their games while losing nine and wound up in tenth place.

Baby Boomers and Tadpoles tied for eleventh place with 2 wins and 10 losses. By not winning a game, Jags earned last place.

With a feeling of deja vu, first place in the C Division of the league went to Diamonds in the Rough with 11 wins and one loss. The team lost to (you guessed it) the fourth place team, VX-5 O-Vamps.

Second place was taken by The Wall with 6 wins and 6 losses and third place was earned by Wolfers with 4 wins and 8 losses.



TAKING IT EASY — Play is over and members of Courter Pounders rest after taking first place in NWC Intramural Volleyball League competition. Winning players are (bottom row, left to right) Thomas Pham, Willie Sakaguchi, Steve Pool, Edward Pasimio, (top row, left to right) Kathy Piroli, Kathy Andrew and Lynn Jennings. Another team member, Julie Morse, is not pictured.

Youth Soccer League players start mastering art of "teamwork"

Team improvement is being seen in the Naval Weapons Center's Youth Soccer League. Team members are learning the basic skills,

techniques and tactics of soccer.

Division I

Sounders 4, Owls 0
Smart plays by Cale Falk and

Jason Hiatt and successful shots by Justin Hofer and John Fath earned a victory. Casey Sargent, Will Powell and Greg Ford were worthy opponents.

Eagles 4, Cobras 0
Dan Doge and Chris Long out played the Cobras for the win. Winning goals were kicked in by Chris Canterbury and Ben Labee. The Cobras, especially Amber Agee Aaron Marshall and Robbie Watkins, played a good game.

Apollos 1, Express 1
In an exciting match, John Scheiderer booted in the Apollos' only goal. Melissa Benson, Jamey Carvalho and Warven Mayer kept the Apollos down. Ryan Koziel knocked in the tying point.

Cougars 1, Coyotes 0
Charles Parrish, Nathan Asay and Jonathan Brown kept control of the ball for the win. Michael Petersen made the only successful shot at goal. The Coyotes did not turn in a score sheet.

Division II
Bullets 3, Roughnecks 0
A midfield kick by Joey Blanton and good aim by Earl Shifflett and Jaime Rugg put the Bullets on top. Defensive efforts by Brandie Marvel kept the Roughnecks from scoring. Good team play and extra effort by Derek Hills, Kevin Byrne and Kevin Nowicki fell short.

Whitecaps 1, Earthquakes 0
Excellent defense by Joshua Carson and Jason Anderson and a goal by Andrew Dubois won the game. Plays by Gary McKenzie, Jeffrey Walden and Steven Schultz made the Earthquakes a tough team to beat.

Diplomats 3, Rockets 0
Goals by Barrett Edwards, Joshua Chambers and Jonathan Ford and good hustling by Karen Behr and James Ferguson ended in victory. Despite super plays by Jose Tavar,

(Continued on Page 15)

Gym activities to continue while renovation underway

(Continued from Page 1)
from 6:30 to 8 p.m.; and Sunday from 12 noon to 2:30 p.m.

Volleyball hours at the Youth Center will be Monday, Wednesday and Friday from 8 p.m. to 9:30 p.m. Camping gear will still be rented on a limited basis from the gym annex, noted Slobodnik. "We will still check out tent trailers, horse trailers, fishing boats, small tents, lanterns, heaters and stoves," he remarked, "however, we will be unable to issue sleeping bags. Under the present set-up we don't have the laundry facilities to clean the bags after use."

Slobodnik noted alternate shower sites on base are being investigated. "Alternate shower facilities will be available as soon as possible at the Commissioned Officers' and Chief Petty Officers' bath houses for those who exercise during the lunch hour," the athletic director said.

Gym members who do not wish to use the alternate activity sites may turn in their membership cards to the Sports Branch to be held in hiatus until the gym reopens. The hiatus time would then be added to their

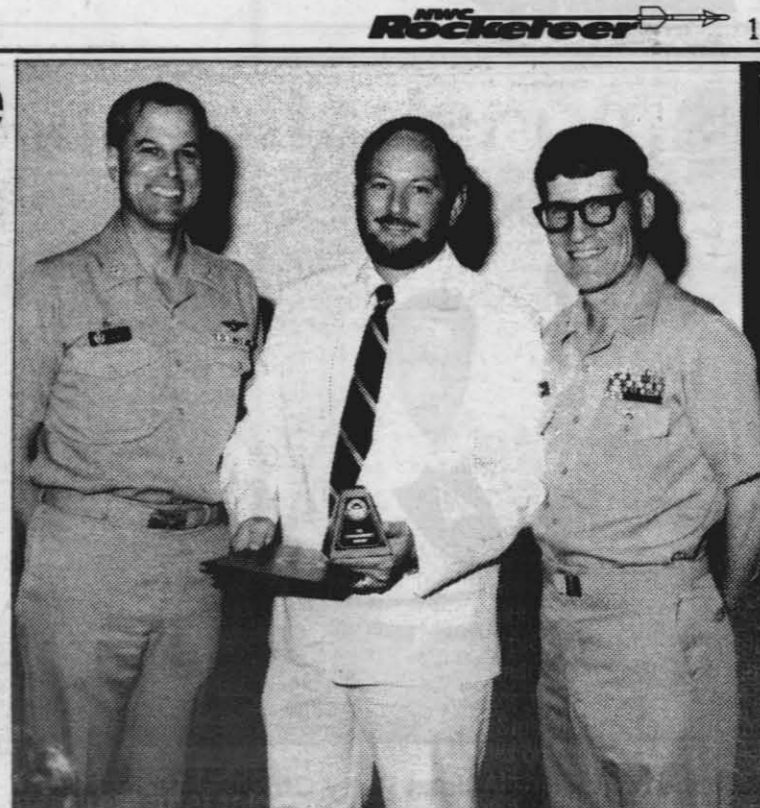


PACKING UP—Michelle Martin and Beth Maki, Sports Division, are busy sorting gear in preparation for moving gym activities to other locations.

expiration dates. Refunds are also available.

The Sports Branch staff will be located in the gym annex while the gym is closed. The phone number is NWC ext. 6542.

"We want this transition period to be as easy as possible on the gym members," Slobodnik said. "The staff of the Sports Branch and I will be happy to answer any questions members may have. We want to accommodate your needs."



HONORED FOR JOC WORK—Capt. John Burt, left, and Capt. Ken Kelley, right, congratulate Mike Thorpe for his leadership role of the Job Order Contract program. Photo by PHAN Cary Brady.

Thorpe honored

(Continued from Page 1)

review applications of the JOC process Navy-wide. He has also provided valuable informal consulta-

tions at several other Navy activities concerning the creation of job order contracts.

Demo project evaluation uncovers attitudes

(Continued from Page 10)
time the question was asked) to 58 percent at the demonstration labs and 41 percent at the control labs six years later.

Job Satisfaction

The Merit Systems Protection Board reported government-wide data for job satisfaction (using the same questions given in the Demo surveys). "Job satisfaction is much higher at the four Navy research laboratories than elsewhere in the government, and NOSC (Naval Ocean Systems Center) and NWC employees reported the highest levels of job satisfaction overall.

"This can be attributed to the demonstration project because at baseline, in 1979, there was no significant difference between the demonstration and control labs, whereas eight years later this difference has become statistically significant."

Turnover

Turnover for high performers is significantly lower at the demonstration labs than at the control labs, especially among scientists and engineers.

Demonstration Project

Support for the Demonstration Project has increased at Demo labs from less than a third in 1979 to 70 percent of all survey respondents in

1987. Further analysis of variables shows that pay alone does not explain the increasingly positive attitudes at the Demo labs.

The Office of Personnel Management plans further analysis to investi-

gate possible variations by occupation in the acceptance of the Demo system.

Another survey will be distributed to randomly selected personnel beginning next week at NWC.

"We at Human Resources appreciate the participation of Center employees in this project evaluation survey. We look forward to reporting the results of future surveys," said Nancy Crawford.

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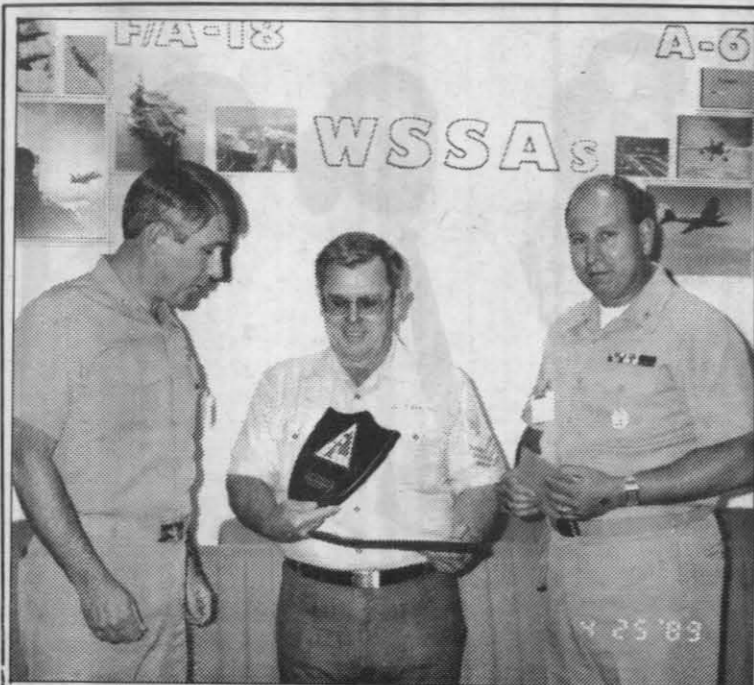
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TOP SAILOR—First Class Petty Officer Matt Matthews holds up the plaque he received from Capt. Timothy G. Palmer, left, as Master Chief Grasso looks on. Photo by JOC Carolyn A. Detting

NAR Sailor of the Quarter is Matthews

By JOC Carolyn A. Detting
Aviation Structural Mechanic First Class Milledge (Matt) Matthews has been selected Naval Air Reserve (NAR) Sailor of the Quarter. He was chosen from among competing personnel assigned to the 19 NAR units attached to Pt. Mugu. Petty Officer Matthews' unit, Reserve Support Unit NWC 0176, provides support to its gaining command, NWC. Matthews recently performed two weeks of active duty with the unit at China Lake.

Petty Officer Matthews, an expert on the A-7 aircraft, was cited as the most highly respected source of technical knowledge in solving complex A-7 problems at (Continued on Page 13)



VISITING HANGAR THREE—Cdr. Jay Tinker, prospective executive officer, NAR, Pt. Mugu, and NWC 0176 commanding officer, Capt. Bill Hunt, are briefed by the local reserve unit's Aircraft Maintenance Division head, Cdr. Graham Forsythe, as they tour the airfield. Photo by JOC Carolyn A. Detting

NWC 0176 hosts Pt. Mugu visitors

By JOC Carolyn A. Detting

Members of Naval Weapons Center Reserve Support Unit 0176 recently completed two weeks of active duty at NWC, the unit's gaining command.

During the two-week period, unit personnel worked with their active duty counterparts maintaining NWC aircraft and working in the ordnance shop. Toiling at Warehouse X, others sorted through hundreds of pieces of government material reclaimed from

NWC maintenance work centers. The workers, including SK1 Annie Andersen and AK1 Mary Thompson, were able to get over 300 reusable items back into the main supply system.

The weld shed got a combination face lift and safety hazard elimination when ABH1 Tony Letche and AD1 Richard Ply built an indoor railed steel stairway and platform adjacent to the building's loft area. The sturdy

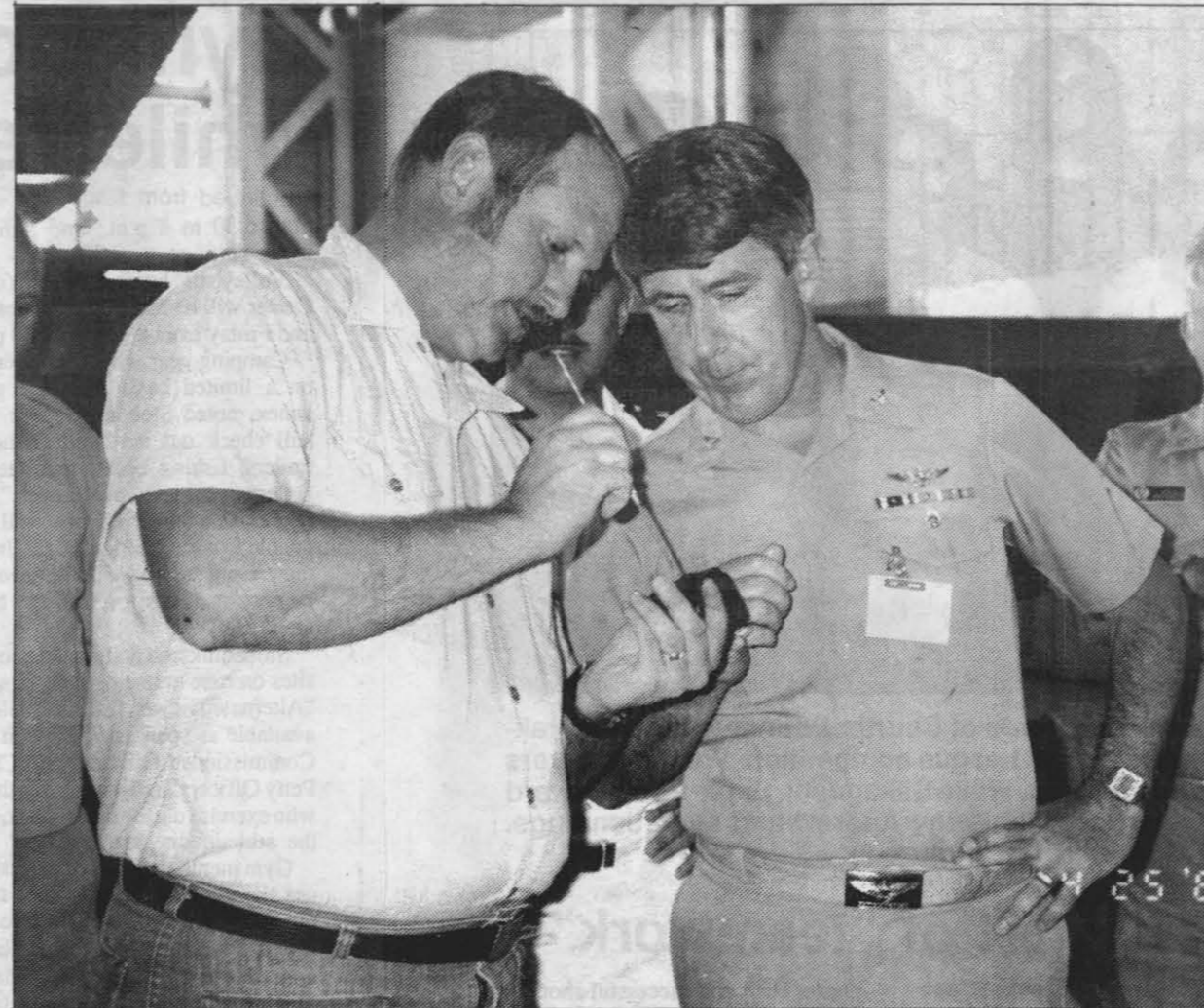
structure replaces a much less substantial outdoor stairway that half fell to the ground as it was being torn down.

The unit, which is administratively attached to the Naval Air Reserve Center (NAR), Pt. Mugu, was visited by the prospective NAR commanding and executive officers midway through the active duty period. They were accompanied by NAR's master chief of the command, YNCM L.M. Grasso. Master Chief Grasso and the officers, Capt. Timothy G. Palmer and CDR. Jay Tinker, were greeted at Armitage Field by NWC 0176 commanding officer, Capt. W.A. Hunt and executive officer, Capt. John Sullivan.

Capt. Hunt escorted the officers to NWC headquarters where they were briefed by Capt. John Burt on the Center's mission. Meanwhile, Master Chief Grasso toured the airfield with Capt. Sullivan, and spent time chatting with active duty and reserve personnel about their assignments and responsibilities.

Upon their return to the airfield, Capt. Hunt and the NAR officers joined Capt. Sullivan and Master Chief Grasso for a tour of Hangar Three and the reserve unit's spaces.

An additional presentation was provided by Capt. Hunt. He supplied information on the integration of NWC 0176 into the Center organization along with unit member qualifications and described projects completed during recent Active Duty for Training (ACDUTRA) and weekend drill periods.



NAR VISIT—Capt. Timothy G. Palmer, prospective Naval Air Reserve, Pt. Mugu, commanding officer, listens as unit member AD1 Bill Moore explains inspection procedures for a part from a helicopter engine air inlet. Photo by JOC Carolyn A. Detting

Because the mission of NWC 0176 is to provide the Center with fully qualified technical and support personnel in the event of mobilization, unit officers and chiefs participated in a mobilization exercise during the ACDUTRA period.

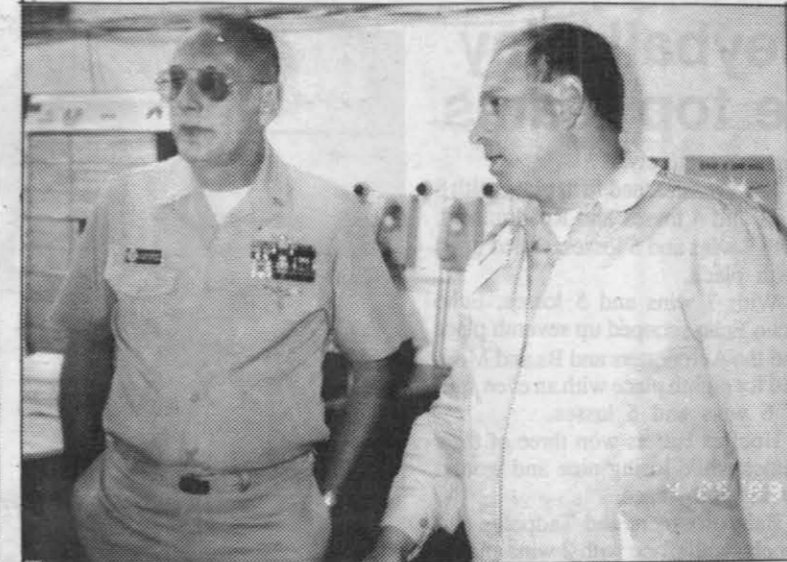
During the exercise, reserve and Center personnel were familiarized with one another's roles in the interest of future short and long term project support by reservists.

Orientation was provided by directorate, department, division and branch heads under the sponsorship of representatives of each of the gaining codes on Center. Reserve point of contact, NWC 0176 Special Projects Officer, Cdr. Mike McMahan, coordinated the activity.

"This exercise has been of great benefit to NWC 0176," Cdr. McMahan said. "We hope NWC will profit from it as much as we have."

"On behalf of the unit commanding officer, Capt. Bill Hunt," he continued, "I would like to express our sincere appreciation for NWC's interest and cooperation, which made this undertaking successful."

Capt. Hunt praised unit personnel at the conclusion of their active duty for their enthusiasm and professionalism during the ACDUTRA. "Not only have you shown yourselves worthy of the highest praise for your efforts these last two weeks," he said, "you have continued the NWC 0176 tradition of proficiently incorporating yourselves into the daily routines of your gaining command."



WALK-THROUGH—YNCM L.J. Grasso, Master Chief of the Command for NAR, Pt. Mugu, right, chats with active duty Maintenance Master Chief ADCS Larry Pritchett in Hangar Three's Maintenance Control Spaces. Photo by JOC Carolyn A. Detting



Matthews..

(Continued from Page 12)
NWC, and for providing extensive on-the-job training for both unit members and NWC personnel. Because of his expertise in this field and the instruction he has provided, Matthews has been credited with making a substantial contribution to the readiness of the reserve command.

Matthews' commanding officer, Capt. Bill Hunt, called him one of the most valuable and capable petty officers in his unit. "He is relied upon by this command," Capt. Hunt said, "to find ways to increase aircraft availability without sacrificing quality of workmanship. Because of his dedication, leadership skills and performance, I consider him an admirable example of the highest standards of Naval service."

ANOTHER HITCH—Three NWC 0176 reservists took the opportunity to reenlist during their recent two-week active duty. Their executive officer, Capt. John Sullivan, performed the swearing-in ceremony for the three first class petty officers, AK1 Rick Booth, left, YN1 Jim Kelley and EM1 Larry Robertson. Photo by JOC Carolyn A. Detting

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