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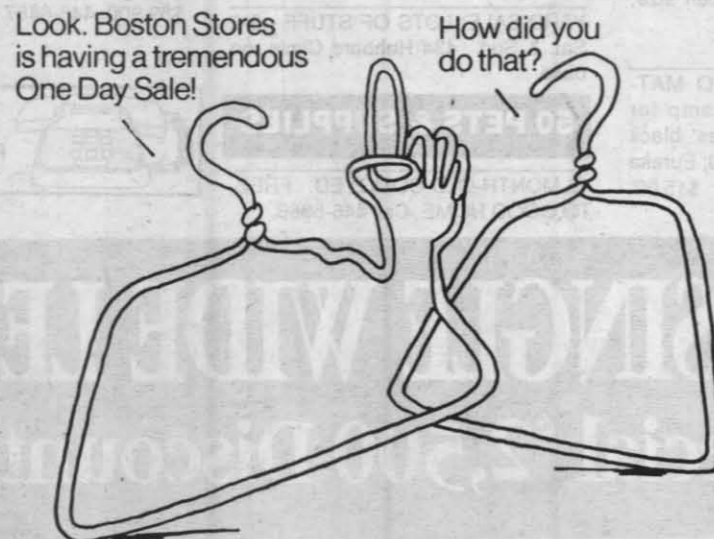
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 Selected Juniors sweaters from T.O.I. Choose from cardigans, one-button neck and split neck styles. Sizes S-M-L. Orig. \$34.-40. Sale 33% off.
 Entire stock of slippers. Sale 25% off.*
 Selected handbags. Sale 33% off.
 Entire stock of new fashion and basic jewelry by Tacoa. Orig. to \$20. Sale 50% off.*
 Selected styles of fashion wood and earth tone stone jewelry. Orig. to \$30. Sale 40% off.*
MEN
 Selected Fall sweaters from Jantzen. Choose from many styles and colors. Orig. \$45. Sale 50% off.
 Jog suits. Reg. \$45. Sale 33% off.*
 Haggar Expandomatic dress slacks. Reg. \$32. Sale 25% off.*
 Levi's for Men denim pants. Reg. \$34. Sale 25% off.*
 Selected Van Heusen and Arrow dress shirts. Sale 25% off.*
 London Fog knit ties. Orig. \$10. Sale \$4.97.

- Entire stock of Jockey Underwear. Sale 25% off.*
 Prince Gardner wallets. Reg. \$20. Sale 50% off.*
 Entire stock of Bugle Boy and PCH for Young Men. Values \$22.-42. Everyday low prices \$16.47-31.47.
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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 36/September 8, 1989

China Laker reigns as Sister City Queen to help promote better community ties

Developing personal friendships with residents of other countries leading to understanding and mutual respect is the goal behind the Sister City Associations which have sprung up around the country. Begun by the Dwight Eisenhower during his presidency, these people-to-people programs are one grassroots approach to building world peace and Ridgecrest is actively supporting the program.

As the U.S. and NWC is celebrating Hispanic Heritage Month from Sept. 15 to Oct. 15, a review of the goals and activities of Ridgecrest's sister city relationship with Tepetitlan (Tepa), Mexico, is particularly appropriate.

"Members of the Sister City Association are interested in creating more awareness and understanding between two countries," said Lisa Lopez. Lopez, a computer specialist and the AV-8B systems manager

of the AV-8B/AH-1 Facility branch, is the reigning Sister City Queen.

"We are fortunate to have a city in Mexico as our sister city so that we are able to visit them and their representatives can visit Ridgecrest," Lopez explained. "We chose Tepa for its proximity and similarity to Ridgecrest."

While many of the Association members enrolled in conversational Spanish classes before their annual trip to Mexico, Lopez emphasized that Spanish fluency is not a requirement for involvement with the Association. "I took a few years of Spanish in high school, but am definitely not flu-

ent," she added. "Most of the host families in Tepa spoke English so they were our interpreters."

The Ridgecrest group visits Tepa each April to coincide with that city's annual religious festival. The Tepa Association usually visits Ridgecrest in September, but their 1989 visit has been changed to October so that the Tepa mayor can accompany the group.

The group will still hold their annual dance in September on Sept. 16 at the Exhibit Hall at the Fairgrounds. Everyone is invited and tickets may be purchased from Lopez or Hector and Mena Leon

(375-1758). Los Feliz will entertain and the 1990 queen will be crowned.

The group meets on the second Tuesday of each month at El Charro Avitia restaurant. New members are welcome. Another project in the works is the construction of a 'kiosko' (Mexican gazebo) near the new City Hall. Members measured kioskos in Tepa during their recent visit in preparation for the project.

Hispanic Heritage month activities will help all Americans examine where the Hispanic community is today and what its needs are in terms of education, employment and roles in the military services, according to Manuel Oliverrez, DoD's deputy director civilian equal opportunity policy. "By participating in the Sister City Association in Ridgecrest, we have all had opportunities to also explore the Hispanic

"Hispanic Heritage Month aims to help all Americans examine where the Hispanic community is today and what its needs are..."

Manuel Oliverrez, DoD's deputy director, civilian EEO.



FIRST TICKETS--Capt. Douglas W. Cook, NWC Commander, gets the first tickets to the annual Sister City Association dance from Lisa Lopez, reigning Sister City Association Queen.

Radar technology effort wins honor for Ashbrook

Work in field dates to MIT's 'Rad' Lab in the 1940s

Pioneering work in the field of radar technology has distinguished the career of Fred Ashbrook. His early work in radar technology during World War II evolved into his more recent efforts in reduced radar cross-sections at the Naval Weapons Center. Because of his outstanding technical accomplishments and national recognition, he recently received the Center's Technical Director's Award.

After graduating from Cal Tech, he completed graduate school and served on the staff at the Massachusetts Institute of

Technology (MIT). "Radar technology, as we know it, was born at MIT's Rad (Radiation) Lab during his years there," commented Gerry Schiefer, NWC techni-

cal director, as he made the presentation to Ashbrook. "He recognized the implications of the emerging advanced radar technology to defensive systems and

made major contributions to this science."

Ashbrook, currently assigned to the Intercept Weapons Advanced Technology Applications Office, is nationally recognized for his expertise in radar. He made significant contributions to technology aimed at reducing radar cross-sections during the formative years in the mid 70s and was one of the few government people qualified to participate in development of means for testing the advanced technologies.

(Continued on Page 6)

Exemplary PW support brings recognition to Polly

Exemplary performance in support of the Integrated Naval Air Defense Program in the EWTES Division of NWC's Aerosystems Department earned the Commanders' Award for Excellence in Mission Support

for Jerald D. Polly of the Public Works Department's Facilities Acquisition Office.

Capt. Douglas W. Cook, NWC Commander, made the presentation at Tuesday morning's Commander's Meeting.

In the nomination letter from Milt Burford, head, Acrosystems Department, and Capt. Ken Kelly, Public Works Officer, Polly was singled out for his outstanding professionalism and his sustained superior abilities as a

professional engineer.

"Your concepts, designs, attention to detail and interpersonal skills are a reflection of your professionalism. Your projects are practical, constructible and successfully balance the government

customer's needs with the requirement to conserve scarce taxpayer dollars," read part of the citation to accompany the award.

The nomination letter read in part, "during the past three years, (Continued on Page 6)

China Lake Calendar

- Sat. & Sun. Sept. 9-10
... Desert Empire Fair's final 2 days, fairgrounds
- Sat. Sept. 9
... Fair Parade, 9 a.m. Ridgcrest Blvd.
- Sat. Sept. 9
... Fil-Am Association of IWV, 1st Anniversary Potluck, 10 a.m., McBride Park
- Mon. Sept. 11
... NWC Macintosh Users Group, 2:30 p.m., Michelson Lab Mgt. Center
- Mon.-Wed. Sept. 11-13
... Youth Soccer sign ups, 5-6 p.m., Knox Field #1
- Sat. Sept. 16
... Retiree Appreciation Day, Edwards AFB
- Mon. Sept. 18
... VX-5 Change of Command, 9 a.m., NWC Headquarters Lawn
- Thurs. Sept. 21
... SATO hosts "Cruise Information Session, 4 p.m., NWC Seafarer Club
- Fri. Sept. 22
... Mongolian BBQ, 5 p.m. COM Barefoot Bar
- Wed. Sept. 27
... IEEE Videoconference, 9 a.m. -noon, Flight Deck, Heritage Inn
- Sat. Oct. 7
... MWR Mini Triathlon, 8 a.m. O' Club Parking Lot
- Coming attractions:
Sat. Oct. 21
... Wellness Program's China Lake Challenge

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at a NWC ext. 3354 before 11:30 a.m. on Tuesday before Friday's publication.

Fiber optics cable work disrupts traffic patterns

Public Works personnel are installing fiber optics cable in the Michelson Laboratory area during three phases. People working in or around this area may experience some minor inconvenience. During the first phase, which began Sept. 5, the entrance to the main parking lot to Michelson Laboratory on Knox Road was closed. If further information is needed, please call Mel Berry at NWC ext. 4722.

Wellness Corner



The *China Lake Challenge* has been rescheduled to Oct. 28 to avoid a conflict at Burroughs High School. This interdepartmental competition is based upon the Sagebrush Games of Tri-Cities, Washington and the Akron, Ohio YMCA Corporate Challenge. The emphasis is on participating in, not on winning, one of the many events. Each person who participates will be awarded a participation point that goes towards their department. Family members can also participate. More specific rules will be forth coming, but here is a sample of the events planned. If you don't see your code represented and would like to sponsor an event, please contact the Wellness Program Office at NWC ext. 2468.

Events	Sponsor	Code
Jump Rope for One Minute		Code 22
Tug of War*		Code 24
Dashes		Code 25
440 Time Predicted		Code 26
Volleyball Tournament*		Code 28
Hackey Sack		Code 30
Relays*		Code 31
Aerobic Dance		Code 32
Push Ups		Code 32
Obstacle Course		Code 34
Softball Tournament*		Code 36
Horse Shoe Toss		Code 38
Softball Throw		Code 34
T-Shirt Design		Code 36
Banner Design		Code 38
Food Tables*		Code 34

*Events will require advanced sign ups. People who participate in the mini triathlon on Oct. 7, the Haugen Memorial Tennis Tournament on Oct. 14 and 15, the Over The Hill Track Club 5 and 10K Run on Oct. 21 and the Bicycle Club 8 Mile Time Predicted Event are eligible to receive a participation point for their departments. **Ridgcrest Diabetes Support Group meets** Gerry Auger will give an information presentation of *The Fit or Fat Woman* by Covert Bailey and Lea Bishop at 7 p.m. tonight for the Ridgcrest Diabetes Support Group. Following the presentation, there will be a discussion by attendees on the benefits of exercise to the diabetic. The Ridgcrest Diabetic Support Group's purpose is to help educate and assist the diabetic to control his or her condition as best possible. Participants will share knowledge and experiences, and they will give one another mutual support. The group meets informally once a month and focuses on a relevant topic each month. This month's meeting will be at Bischel Chapel, Ridgcrest United Methodist Church, corner of Norma and Felspar.

Cops Care statewide safety campaign

Roy Parris, director of Safety and Security for the Navy Weapons Center announced Chief Jim Brown and the China Lake Police are participating in a statewide campaign called "The Cops Care," designed to encourage motorists to "test drive" their safety belts this month. Parris said officers from virtually all California law enforcement agencies are urging motorists who are still not using their vehicle's restraint system on a regular basis to buckle up. Statistics show the use of safety belts greatly reduces automobile deaths and injuries. Brown said "approximately 500 Californians, including some Navy and DoD employees, involved in traffic collisions last year are alive today because they had the good sense to wear their seat belts. Parris stated, "We are asking for the cooperation of all motorists using the roadways of the Naval Weapons Center to voluntarily comply during September. OPNAVINST 5100.12E makes the wearing of seat belts mandatory on NAVWPNCEN."

According to Brown, if every-one would try out their seat belts for a minimum of two weeks, they would realize how simple it is to make it a habit.



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Technical Director - GERALD SCHIEFER Associate Editor - **KAREN EVERETT, APR**
Public Affairs Officer - BEN DUFFY Editorial Assistant - **PEGGY SHOAF**
Photographer - **PHAN CARY K. BRADY**

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ROCKETEER CLASSIFIEDS

<h3>15 HELP WANTED</h3> <p>DESPERATELY NEED MATURE SITTER - for 2 boys (8&9). Friday evenings, occasionally Sat. or Sun. - days. Price negotiable, my home preferred. 446-4751 after 4.</p> <p>MUSICIAN WANTED: Keyboardist +/- guitar. To play modern rock. Should Have: Experience/equipment. Serious & positive attitude required. For info call 375-3197.</p> <p>NEED A RESPONSIBLE PERSON to help w/housework. 2-3 hrs. per wk. \$5.00/hr. 446-5311.</p>	<h3>20 RENTALS</h3> <p>NON-SMOKING FEMALE - Looking for same to share townhouse. \$292.50/mo & 1/2 utils. 2BR, 2 1/2BA, W/D. GARAGE, POOL, JACUZZI. 375-2141</p> <p>MUSICIAN WANTED: Keyboardist +/- guitar. To play modern rock. Should Have: Experience/equipment. Serious & positive attitude required. For info call 375-3197.</p> <p>NEED A RESPONSIBLE PERSON to help w/housework. 2-3 hrs. per wk. \$5.00/hr. 446-5311.</p>	<h3>40 MISC. FOR SALE</h3> <p>Commodore 64 Keyboard, 1541 disc drive, datassette, Royal Letter Master printer, manuals, lots of software. \$600 OBO. Atari 2600 (new version) & 9 games, \$100 OBO. Vibrating massage belt (portable) for weight loss or toning, \$15 OBO. "Easyglider" skiing exerciser, like new, \$45 OBO. 446-4751, after 4.</p> <p>NEVER USED - Denon turntable DP62L. \$275.</p> <p>PIONEER Direct-Drive turntable - \$75.</p> <p>GOLD U.S. MAGS - 6-lug, 15x10.5 wide with tires - like new. \$550.</p> <p>FLUTE-ARMSTRONG, silver-plated - \$150.</p> <p>KITCHEN TABLE w/4 large, padded chairs - \$50.</p> <p>2-PIECE Antique dresser set w/mirror - \$75.</p> <p>4-POST WATERBED - Queen size, new heater - \$200. Call 375-4236.</p> <p>WHITE BABY CRIB - NO MATTRESS \$30.00; Clown Lamp for baby's room \$15.00; Ladies' black leather coat - size 12 \$65.00; Eureka Quik Picker Up w/wh/charger \$15.00. Call 446-7557.</p>	<h3>40 MISC. FOR SALE</h3> <p>WHOLESALE CARPET - Premium first quality carpets by DuPont & Monsanto. Berbers, Plushes, sculptureds & commercial carpets. You can save thousands of dollars. Giant color selection. Top notch installers. Estimates & selection in the privacy of your own home. MARTIN WHOLESALE 377-5623</p> <p>45 GARAGE SALES</p> <p>GARAGE SALE - SEPT. 9-10. 8am-3pm. Kenmore W/D, ten speed bikes, dining table, car seat, compressor, drapes, blinds, books, tent, sleeping bag, M/W, noise reduction unit. 903 Young Circle - on base.</p> <p>HUGE YARD SALE - SATURDAY, 7:00 - 3:00. 231 Lilac.</p> <p>YARD SALE: LOTS OF STUFF - 8-2 Sat. & Sun. 434 Hubbard Circle, on base.</p>	<h3>55 REAL ESTATE</h3> <p>4 BR, 2 BA, 2 CAR GARAGE, 6560 Valley, Inyokern. 10 min. to NWC main gate. \$60,000. \$5,000 down, O.W.C. OR LEASE OPTION. 446-6487 EVES.</p> <p>FOR SALE BY OWNER - Green Acres, 3BR, 2BA, 1480 sq. ft. Fully landscaped, dual-cooling. Includes \$2000 in improvements - \$79,900. For details please call 375-4236.</p> <p>FOR SALE BY OWNER: 14x60 Mobile Home. 3 acres south Inyokern. 2BR, 1 BA, fenced back yard w/covered patio. Natural gas. Asking \$39,500. Call 377-4768 after 5/wknd.</p> <p>NO QUALIFICATION - Assume V.A. 10 min. to NWC. 4BR, 2BA, 2-car garage. 6560 Valley, Inyokern. \$59,900. 446-6487 eves.</p>
<h3>20 RENTALS</h3> <p>2 BDRM, 1 BATH HOUSE, unfurnished. Avail. Sept. 5. \$325/mo, 1st & last + \$175 security. Water & trash paid. 375-0185 evenings.</p> <p>3BDRM, 2BA, 2-car Garage & patio rm. Lots of greenery & storage space. Fenced back yard, ideal for small kiddies/pets. Call 375-4007.</p>	<h3>30 SERVICES</h3> <p>ASPECT WINDOW TINTING - Commercial, residential, autos & specials. Liscensed. 371-2511.</p> <p>FIREWOOD - Almond, Apple, Pine & Fir. 377-4465. Wilhorn & Sons Firewood Sales.</p>	<h3>35 AUTOMOTIVE</h3> <p>1970 VOLKSWAGEN VAN. \$2500. 446-2141.</p> <p>FOR SALE: 1985 Corvette. 4-spd. Z-51. Bose, very low miles, excellent condition. Many Extras. \$18,000. 446-3414.</p>	<h3>40 MISC. FOR SALE</h3> <p>ADVANCED SPANISH COURSE. Text workbooks and cassettes, \$100. Beginning Japanese course text-books and cassettes, \$50. 446-3118.</p> <p>ELECTRONICS COURSE, II VOLUMES, 25IN HEAT KIT TV, test equip. \$200. 446-3118.</p>	<h3>50 PETS & SUPPLIES</h3> <p>10 MONTH-OLD SOMOYED. FREE TO GOOD HOME Call 446-5968.</p>



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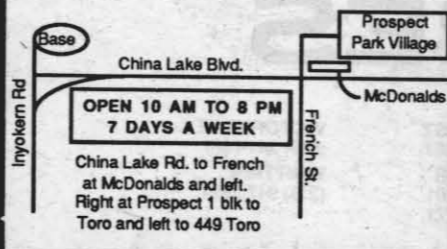
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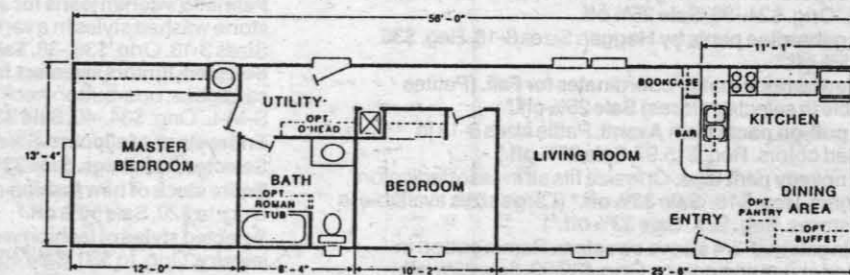
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Community Events

Hambro Quartet of Pianos will open the 1989-1990 season of the Bakersfield Community Concert Association on Sept. 25 at 8 p.m. in the Bakersfield Civil Auditorium at 1001 Truxtun.

Additional attractions for the season include Empire Brass, Ballet Folclorico Nacional de Maxico, the Boys Choir of Harlem and the English String Orchestra with Yehudi Menuhin.

Admission is by season membership of \$25 for adults and \$12.50 for students through high school. Memberships may be purchased in the foyer of the auditorium on opening night. For more information, call (805) 322-4529, 831-8573 or 325-7825.

Tomorrow, Saturday, the Ridgecrest Games Club will hold its monthly meeting at 4 p.m. in the Old County Building. Bring your favorite games.

On Saturday, Oct. 7, the Ridgecrest Elks Lodge #1913 is holding its third Annual Drug Awareness Radiothon/Telethon from 8 a.m. to 8 p.m. to raise money to help fight the on-going battle of drug and alcohol abuse in the local community. Money raised will go to local organizations that provide facilities for drug counseling and drug education programs. Volunteers are needed to help work game booths for kids and answer telephones receiving pledges. Anyone who wishes to volunteer for the cause should contact the local Elks Lodge at 375-8551.

Plans are heating up for Air Fair '89

Inyokern Airport's AIR FAIR 89 is scheduled for Saturday, Oct. 14, from 10 a.m. to 4 p.m. Admission this year will be \$2 per car; however, look for AIR FAIR POSTERS which include a cut-out coupon for \$1 off the admission fee.

As in previous years, many community organizations will have booths at the Air Fair, including food and drink booths.

F.A.A. will have a booth showing videos and offering tour sign-ups; the Altrusa Club will take photographs of children (or adults) in an airplane; the Ridgecrest Police Department will have D.A.R.E. there with T-shirts, cups, etc., and a dunking booth.

Exhibits will include the AV8 Harrier, AH-1 Cobra, F/A-18 Hornet, Zlin, Chipmunk, remote controlled helicopter, experimental aircraft, the IWV Search and Rescue, Atmospherics, Inc., the Dust Devils and armored vehi-

Weather Report

	Max	Min	Gusts
Thurs.	100	55	15 knots
Fri.	100	59	20 knots
Sat.	---	---	--- knots
Sun.	---	---	--- knots
Mon.	---	---	16 knots
Tues.	108	55	23 knots
Wed.	102	64	25 knots

Club bills special events

Morale, Welfare & Recreation, Seafarer Club, announces the following events:

•The Seafarer Challenge -- CPO's vs. PO's

This first Seafarer triathlon event will consist of eight ball pool, darts and shuffleboard on Saturday, Oct. 14. Sign-ups will start Sept. 18 at the Seafarer Club. Only active duty members are eligible to play. For more information, call 446-6929.

•Monday Night Football -- Seafarer Lounge and Barefoot Bar

Begins Sept. 11 at the Seafarer Lounge. Bring a friend and cheer on your favorite team. Each lounge will have munchies and beer specials during the game. Lounge hours for Mondays are 3:30 to 11

p.m. for Enlisted Members and 11 a.m. to closing for Chief Petty Officers. The Barefoot Bar is open from 4:30 p.m. to closing and will start Monday Night Football on Sept. 18 due to the Tailhook Convention. The CPO and the Barefoot Bar will be open until a half hour after game completion unless patronage warrants extending the hours.

•Picnic BBQ

The Seafarer Club will be closed Sept. 15 until 6 p.m. for CPO Initiation; however, for our lunch bunch, we are going to have a picnic BBQ in Solar Park from 11 a.m. to 1 p.m. Stop by for ribs or chicken and all the trimmings. \$3.75 per person. For further information, call 446-6929.

All there is to know of 4-H

On Friday, Sept. 15, the 4-H clubs in the Ridgecrest area will host an Information Night starting at 5:30 p.m. at the Las Flores School. Four local clubs will inform area youngsters about their clubs and the variety of projects they offer. Each club will have a booth and will present their club activities planned for next year's program.

4-H is open to all boys and girls between the ages of 9 and 19. It is part of the University of California Cooperative Extension. All projects are

designed for the learn-by-doing.

More detailed information about 4-H can be obtained from the following local club leaders; Kathryn Topper, High Desert, Ridgecrest, 375-3741; Lois Bryant, Trona 4-H, 372-5935, Karen Sutton, Tumbleweeds 4-H, Ridgecrest, 377-3304; and Gneil Blumenthal, West Valley 4-H, Inyokern, 377-5908. Clubs meet monthly and project meetings are scheduled throughout the club year.

Square dancing classes set

Cerro Coso Community College and the Jim Dandies Square Dance Club are sponsoring beginners and advanced square dance classes starting this month.

The beginners classes will be held on Tuesday nights and the advanced classes will be held on Wednesday nights from 7:30 to 9:30 p.m. at the Ridgecrest Senior Citizens Center. Classes

are free, but registration with the college is required.

The classes will be taught by Jim Brown. Brown has been calling square dances for local groups for 25 years, as well as performing on tours throughout the country. For more information, call Gary and Betty Ozunas at 377-5113 or Gary and Peggy Flagg at 375-2246.

Art sponsors being sought

Businesses in the Indian Wells Valley are cordially invited to sponsor a monthly art exhibit at the Maturango Museum. This sponsorship will provide generous publicity to businesses during the month of the exhibit.

Chuck and Mary Cutsinger of Studio Eight are sponsoring October's artist, John Komisar. Anyone wanting to sponsor an exhibit should call Mary Lundstrom, art curator, at 375-7141.

WESTERN UNION
375-3570
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THE FASTEST WAY TO SEND MONEY

FREE SKATE RENTAL

ATTENTION!
Roller Skating Instruction Now Offered at NWC Youth Center thru the School Year!
Instructor: Annette Spencer, Nationally Certified by SRSTA

Classes Offered:	Time	Level
Sept. 9 - Sept. 30	Sat. 10-11 a.m.	Advanced
Sept. 9 - Sept. 30	Sat. 11-12 n	Intermediate C-A*
Sept. 9 - Sept. 30	Sat. 5-6 p.m.	Beg. Adult B
Sept. 10 - Oct. 1	Sun. 11-12n	Beg. B (age 5-14)
Sept. 10 - Oct. 1	Sun. 5-6 p.m.	Beg. A (age 5-14)
Sept. 10 - Oct. 1	Sun. 6-7 p.m.	Beg. Adult A
Sept. 12 - Sept. 26	Tues. 7-8 p.m.	Adult Skate Aerobics

*Class rated as "C" is easiest; "A", the most difficult within the level of class listed.

For more information, Call 446-7317 or the YOUTH CENTER at 939-2909 Today!

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Two China Lakers finish outstanding Navy tours

Two dedicated Naval careers were saluted Friday at Naval Weapons Center retirement ceremonies for AFMCM Joel Johnson and LCDR. Jon McQuiston.

Accompanied by his wife, Diane, Master Chief Johnson accepted his retirement orders and received the traditional flag award. His 30 year U.S. Navy career was concluded at the Naval Weapons Center where he was assigned to the Aircraft Department, Operations Division as NATOPS Training Coordinator/NA-3B crewchief.

During his NWC tour, he demonstrated outstanding leadership, dedication and performance. His contributions led to greatly enhanced working relationships between contractor and military personnel. His career has spanned tours across the country and an assignment in Guam. He has received many decorations and awards including the Air Medal (2), Joint Service Commendation Medal (3), Navy Achievement Medal, National Defense Service Medal, Armed Forces Expeditionary Medal with one bronze star, Vietnam Service Medal with four bronze stars, Gallantry Cross, and Republic of Vietnam Campaign Medal with device.

LCdr and Brenda McQuiston were wished "smooth sailing, fair winds and following seas," upon his retirement after 20 years. He began his Naval career as an enlisted member and was commissioned as an LDO Ensign. He reported to NWC in August 1987 and was assigned to the R-2508 Complex Control Facility (CCF) at Edwards Air Force Base as CCF director. His considerate attitude and congenial disposition were assets in his day-to-day liaison between the Navy and the Air Force. During his career, he received many decorations and awards including the Navy Achievement Medal, Battle "E" Award and the National Defense Service Medal.

Both men remarked upon the challenges of their Navy career and thanked their fellow shipmates at the ceremony for their assistance during their careers.

The traditional retirement ceremony included presentation of colors, a special message by Chaplain Williams and an address by Capt. Gene Allen, head, Aircraft Department. Cdr. Phil Souza, military administration officer, presided over the ceremony.



The Skipper Sez...

QUESTION

I would like to know why, when the end of the pay period falls on Saturday, if we work that Saturday we can't get paid until the following pay day. It seems to me out here on the ranges that if they want the work done on time, why can't we get paid on time? Thank you very much.

ANSWER

The pay period is mandated by the Comptroller of the Navy (NAV-COMPT). NAVCOMPT regulations say the pay period for wage and general schedule employees will be a two-week period beginning every other Sunday and ending the second following Saturday.

Employees whose regular schedule includes Saturday work are paid for that time during the pay period in which it is worked. Regulations prohibit the payment of projected overtime, therefore, any overtime worked on the Friday and Saturday at the end of the pay period must be submitted on a supplemental time card to be paid the following pay period.

QUESTION

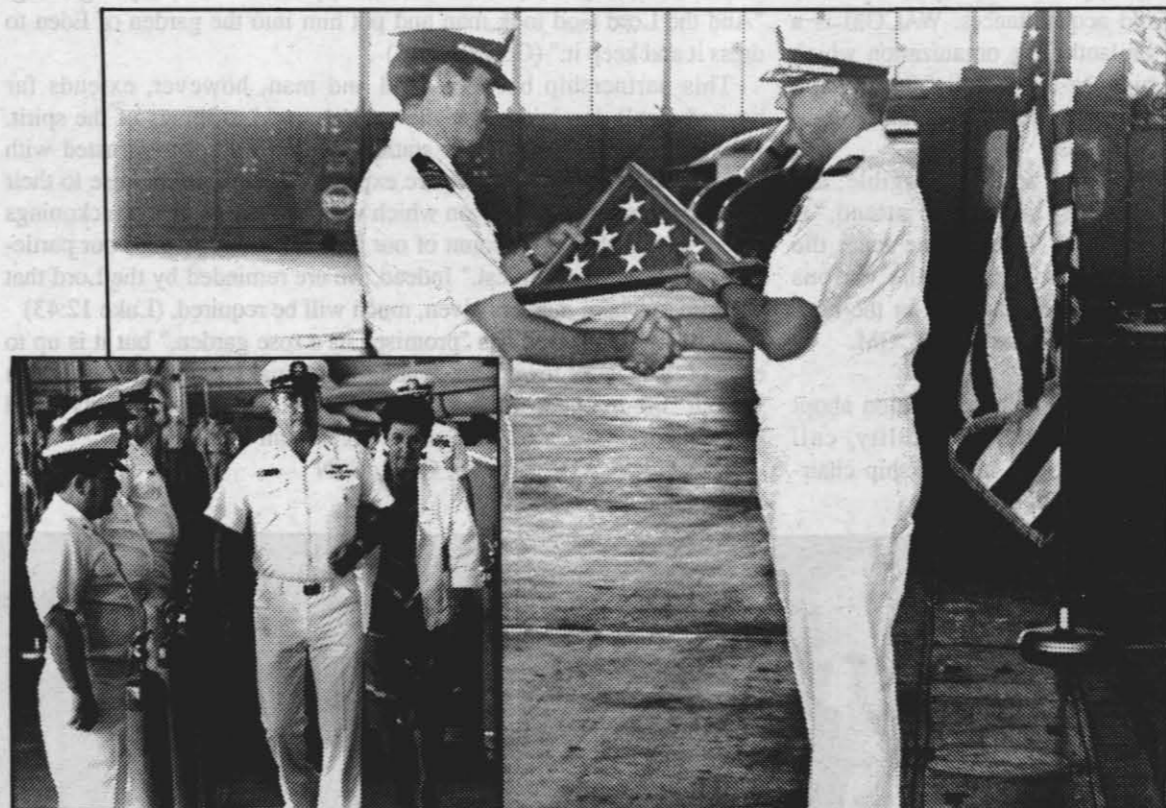
Civilian who works in the Michelson Lab Compound. I usually park in the parking lot that is closest to the west gate entrance. The parking there has been horrendous lately because of all the illegal parkers. It is getting to be more and more difficult to maneuver in the parking lot. I have called the China Lake Police Department, but have seen no action whatsoever. I would appreciate something being done. Thank you.

ANSWER

There is limited parking near the west gate of Michelson Lab. Plans are currently under way to redefine reserved parking in the Michelson Lab compound, and this new policy should greatly enhance the efficiency of the area. It will also clearly identify RESERVED parking areas so that mistakes are less likely to be made. China Lake Police Officers are patrolling the area to look for illegal parkers, and they will also respond when a violation is reported. Citations will be issued to the drivers or the registered owners. Response times are dependent upon other duties that the officers may be involved in at the time of the calls.

I appreciate your concern, and hopefully articles like this one will remind ALL employees to park only in authorized areas.

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. Doug Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. Written questions may be sent via guard mail CIO Code 0033. No other identification is necessary. Since only one or two questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.



RETIREMENT DAY-- As Master Chief Joel Johnson and his wife, Diane, depart last week's retirement ceremony, the pass through the sideboys of fellow senior enlisted men. Also retiring last week was LCDR. Jon McQuiston, seen getting the ceremonial U.S. flag from Capt. Gene Allen, head of the Aircraft Department.

END OF A CAREER-- Chief Warrant Officer Dottie Cummings accepts the United States Flag from Col. B.V. Banks, commanding officer, Marine Aviation Detachment, during her retirement ceremonies last Friday. CWO Cummings had been a member of the United States Marine Corps for over 20 years.



Hosana service starts Sunday in NWC Chapel's East Wing

Beginning this Sunday, a new, earlier Protestant worship service will be held at 8 a.m. in the East Wing of the All-Faith Chapel. The more informal, family oriented service, to be known as the "Hosana Service" will be in addition to the traditional service held regularly at 10:30 a.m. in the All Faith Chapel.

Participants can expect to more more involved in this service, noted Chaplain G. L. Goodman, assis-

tant command chaplain. "Basically, the messages delivered by Chaplain G.E. Williams and myself will be the same as in the 10:30 service; however, the message for the earlier service will be adapted to accommodate a more informal delivery."

A nursery for infants and toddlers will be provided. For more information, call the Chapel office at NWC ext. 3506.

WACOM recruiting new members with 'A Southern Tea' on Tuesday

On Tuesday, Sept. 12, the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will hold its annual

fall membership event. The "A Southern Tea" event will be held at the Commissioned Officers' Club from 10 a.m. to noon. Com-

mittee members will be available to explain their organizational functions to prospective mem-

bers. WACOM is open to wives of those who were members of the Commissioned Officers' Mess as well as women who were members in their own right. The membership event is a fine opportunity to meet new people and renew old acquaintances. WACOM is a philanthropic organization which aids the Navy Relief Society and numerous local community organizations.

Those who are eligible, are cordially invited to attend "A Southern Tea." Come meet the ladies, investigate the various committees and join in the continuing success of WACOM.

For further information about WACOM and eligibility, call Babs O'Neal, membership chairman, at 375-1951.



"Working in Partnership With God"

The story is told of a certain clergyman who, while taking his usual daily stroll, stopped to admire a lush, breathtaking garden in which flowers and plants of seemingly every variety and color of the rainbow grew in intricate patterns and in great abundance. Overwhelmed by the sight and thinking aloud, the clergyman said: "What a beautiful garden God has made!" The gardener, working diligently nearby and overhearing the comment of the clergyman, retorted: "Reverend, when God had this land, it was little better than a weed patch! I'm the one who deserves the praise!"

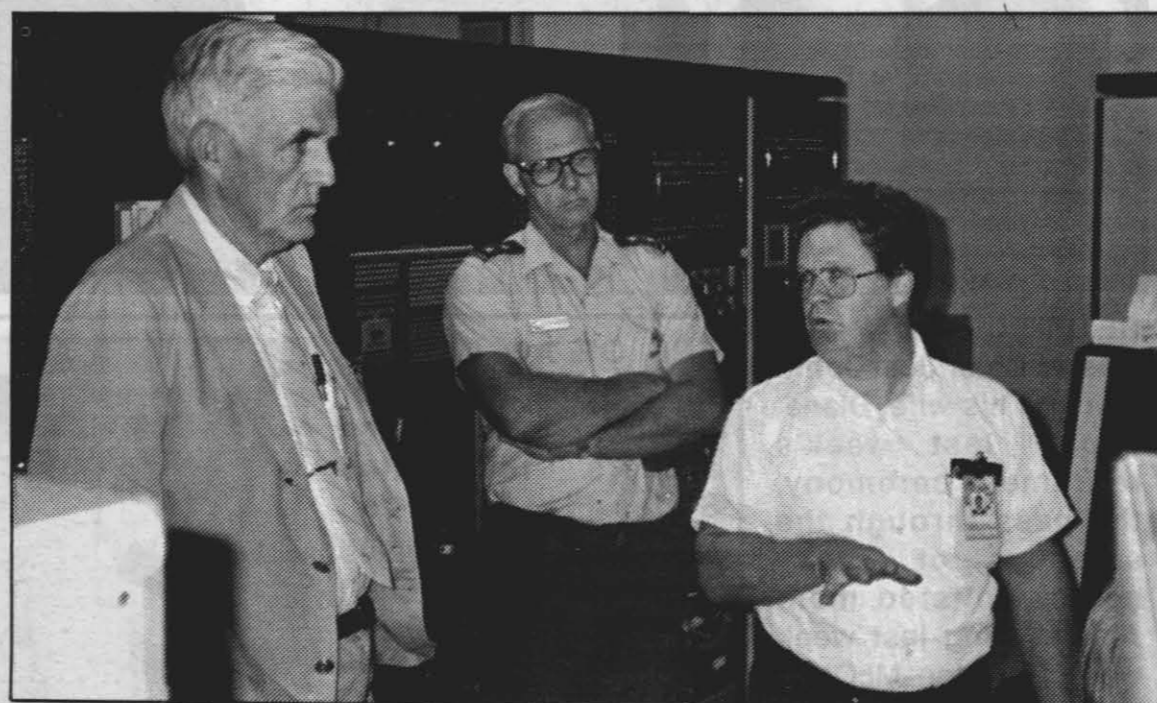
As strange as it may seem, both men were correct. Indeed, a garden of such beauty must be the product of skillful and prudent planning. The design and maintenance of such a garden would have to include choice of location, the careful balancing of fertilizers, selection of the right insecticides, many hours of work to cultivate it and, of course, a special "eye for beauty" to landscape it. Yet, not all the careful planning and diligent work of all the gardeners in the world could "create" a single blossom.

Perhaps it would be more precise to say: "What a magnificent garden man can grow when he works in partnership with God!" It would certainly appear that this cooperative work, this special partnership between God and man, was the Creator's plan from the very beginning: "And the Lord God took man and put him into the garden of Eden to dress it and keep it." (Genesis 2:16)

This partnership between God and man, however, extends far beyond man's dominion over the natural world to things of the spirit. Each of us, regardless of our station in life, has been entrusted with abilities and talents which we are expected to develop and use to their fullest. There will be a day on which we will have to give a reckonings of our partnership, an account of our time and how we used our particular talents "to their fullest." Indeed, we are reminded by the Lord that of those to whom much is given, much will be required. (Luke 12:43)

In many ways, God has "promised us a rose garden," but it is up to each of us to work toward cultivating it and making this garden (which we call "life in our world") a breathtakingly colorful and beauty-filled tribute to the "Owner of the Garden" for Whom we all work.

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



ARMY VISITORS--Maj. Gen. Lynn Stevens (center) commadant, Defense Systems Management College in Fort Belvoir, Virginia and Dr. Walt Laberge, former NWC technical director and now the college's chair for acquisition management, get a briefing from Rich Bruckman, associate head of Code 31 during their recent visit.

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain G. L. Goodman, LT, CHC, USNR
Chaplain G. E. Williams, LT, CHC, USNR
Hearing Impaired Equipment, Nursery Available

Divine Services

Protestant	
Sunday Worship Service, East Wing	8:30 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1, 2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, 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.

Apply now for NWC, OCPM long-term training

Applications for NWC sponsored long-term graduate level training and Office of Civilian Personnel Management (OCPM) long-term training are invited from NWC employees. Long-term training is defined as training off Center for a period of more than 120 consecutive working days. To be eligible for long-term training, interested individuals should be employed at NWC for at least three years at the time studies begin.

Long-term training may be considered to meet any of the following objectives:

1. To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.
2. To give technical employees management skills when job responsibilities have, or will become, managerial.
3. To update employees' knowledge and background in their job specialty.
4. To teach employees aspects of another occupation that relates to their present occupation where responsibilities are interdisciplinary or multidisciplinary.
5. To provide educational opportunities stressing motivation and human relations.

Long-Term Training Committee (LTTTC) members will consider applications in any area of study that relates directly to NWC program requirements. The primary criteria the LTTTC follows in determining when long-term training is used instead of after-hours, part-time or short-term programs are as follows:

1. The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.
2. The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term full-time duration is required.
3. It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.
4. There is no educational institution or academic program in the local or community area for part-time or after-hours training.

Office of Civilian Personnel Management funds are available to cover the trainee's travel allowances to and from the school, tuition and fees required for enrollment, and payment of PCS moving expenses or a reduced rate per diem for the duration of the training. The trainee's salary (including MTP) will be paid for with Code 2241 funds.

NWC sponsored graduate long-term training

For NWC sponsored long-term graduate level training, the following areas of critical need have been established by Center management: systems engineering; microwave/RF circuits, subsystems and missile guidance;

microwave antennas; digital and analog signal processing; missile test equipment; target signatures--modeling and reduction; radar, laser, EO-IR targeting sensors; weapons/avionics integration; tactical embedded software; facility simulation software; air combat susceptibility/vulnerability; EW systems; propulsion; operational research/operational analysis; statistics; microwave circuits, antennas and radar engineering; advanced structural engineering (aerodynamics - CFD) (aerospace - thermal, structures); financial analysis/business systems analysis; physics (electro magnetism); electrical engineering - high voltage, short- rise time power; physics - engineering -- detonation mechanics; engineering -- interior ballistics; engineering -- combustion; modern digital signal processing - ISAR, SAR; RF active array theory/practice; avionics system engineering. Programs of study at the graduate level are not solely limited to these areas.

Further details of the NWC sponsored long-term training program are provided in NAVWP-NCENINST 12410.5M of November 12, 1987, and in the Long-Term Training Handbook, IDP 3511. Both sources are available from department offices or from the Training Center.

OCPM sponsored long-term training programs

The Legis Fellows Program

Location: Washington, D.C.

Duration: 5-6 months

This program provides a developmental assignment for personnel whose current or prospective positions may require working knowledge of the operations of Congress. The program combines classroom training with hands-on experience with the staff of a member or committee of Congress. The training will include an orientation session on the operations and organizational structure of Congress, an assignment with a member or committee staff of approximately four months and bi-weekly meetings during the work assignment on Capitol Hill. For some agency personnel (e.g., SES candidates), the program will provide training essential to their executive development plans.

Qualifications: Nominees must be at the DP-3 level. Other qualifications include a demonstrated flexibility in work habits, the ability to initiate work and to work independently with minimum supervision, direction or practices and techniques.

Congressional Fellowship Program

Location: Washington, D.C.

Duration: 9 months

This program involves students in a variety of assignments that will develop their knowledge and understanding of congressional operations. These assignments are full-time positions in offices of members of Congress and staff members of congressional committees. Also included are weekly seminar meetings with leading congressional, governmental and acad-

emic figures.

Qualifications: Nominees should be in managerial or executive positions at the DP-3 level or above and have demonstrated potential for high-level management responsibility, and must be willing to work in an unstructured environment with irregular hours of work. Nominees must have an interest in the legislative process and public affairs, must have demonstrated commitment to public service and must show the relevance of congressional experience to their career goals.

Armed Forces Staff College

Location: Norfolk, Virginia

Duration: 5 months

The course content is extremely broad in nature, focusing on the problems and implications involved in economic, political, technological, administrative and military planning.

Qualifications: Those nominated should be grade DP-3 or above. Nominees must have demonstrated a potential for higher-level responsibilities within the Department of Navy, a capacity to adjust readily to a variety of substantial fields and a capacity to master complex subject matter quickly. Nominees must have a TOP SECRET security clearance.

Industrial College of the Armed Forces

Location: Fort McNair, Washington, D.C.

Duration: 10 months

This program offers senior-level courses and research in mobilization and the management of resources in support of national security. This program prepares you for positions of high trust and leadership in the federal government. Nominees should be at the DP-4 level.

National War College

Location: Fort McNair, Washington, D.C.

Duration: 10 months

The National War College conducts a senior-level course of study that prepares selected personnel of government departments and agencies for high-level command and staff policy positions associated with national security strategy formulations and implementation. Nominees should be at the DP-4 level.

President's Executive Exchange Program

Location: Various locations in the private sector

Duration: 1 year

This program offers a developmental assignment in the private sector. Executives participate in a comprehensive education program that is both national and international in scope. The education program involves mandatory attendance at four conferences during the exchange year. Executives take leave without pay from their government jobs and their salaries are paid by their private-sector hosts. Hosts also assume travel and lodging costs incurred by attendees at the conferences. At the end of the exchange year, executives return to their sponsoring federal agencies to positions of comparable or greater responsibility.

Nominees should be in the growth period of their careers at the DP-4 or SES level. Other mandatory characteristics include a high intellectual capacity and a proven record of management abilities and job accomplishments.

Princeton Midcareer Fellows in Public Affairs

Location: Woodrow Wilson School of Public and International Affairs, Princeton, New Jersey

Duration: 1 academic year

This program helps midcareer officials increase their knowledge in disciplines that relate to their fields. Participants can choose from a variety of courses and seminars. Nominees should be managers at the DP-3 level and above.

Navy Experience with Industry Program

Location: Various locations in the private sector

Duration: 1 year

Background: The Navy Experience with Industry Program is a managerial development program of the Office of the Secretary of Defense under the direction of the Assistant Secretary of the Navy (Shipbuilding and Logistics). The purpose of the program is to provide Navy personnel an opportunity to experience and adopt sound private business techniques through long-term rotational assignments with industry.

Structure: The program covers a 10-12 month period during which individuals are placed with companies that match their job requirements and desired learning objectives. Individualized training plans are mutually developed by participants and industry to include both general and specific learning objectives. While in the program, participants are assigned a company mentor who provides counseling and assistance in the selection of job assignments.

Eligibility: The program is open to employees in grades DP-3 and above. All nominees should have experience in the logistics career fields and have demonstrated the potential for promotion to top management positions.

More detailed information about OCPM sponsored programs is published in OCPM Training Programs Manual NAVSO P-3669 which is available in the Academic Fellowships Office, Code 2241, Room 212, in the Training Center.

How to apply

Interested employees may obtain application forms and information about application procedures from Code 2241, Room 212, in the Training Center, Bldg. 947. Additional information about Graduate LTT and specific OCPM sponsored program is available from Bill Bethke or Sue Swett, Code 2241, NWC ext. 2349.

Application deadline for both NWC and OCPM programs described above is Oct. 3.

TQM seminar scheduled October 26

Speakers from Hewlett-Packard, Arthur Anderson Consultants and the Naval Weapons Center will host a Total Quality Management (TQM) Seminar on Oct. 26 from 8 a.m. to 4 p.m. at the Carriage Inn in Ridgecrest.

From 8 to 11:30 a.m., the speakers will discuss general implementation and payoffs of TQM. A lunch break will be held from 11:30 a.m. to 12:30 p.m. (The Carriage Inn will open their dining facilities for lunch.) From 12:30 to 3 p.m., participants may select to attend one of the following work-

shops: relationships with contractors; software development and TQM; office productivity and TQM; procurement and TQM; cycletime in systems development; and profile of a TQM manager/rewards and compensations.

The speakers will hold a question and answer panel from 3:30 to 4 p.m., with an informal reception from 4 to 5:30 p.m.

Enrollment is limited. To enroll, submit a NWC Form 12410/73 to Code 224 via department channels no later than Oct. 5.

Learn how to mark classified documents in the proper way

Security Markings (4 hours) -- Sept. 28, 0800-1130, Training Center. By John Hammonds, Code 2432.

Scope: Course will consist of how, when and what to mark to classify documents. Some of the topics include: 1) portion marking, 2) page marking, 3) correspondence markings, 4) overall markings, 5) associated markings, 6) declassifying documents, and 7) special markings. Course will include practical exercises and hands-on experience.

Note: Enrollment Form 12410/73 is required.

Deadline: Sept. 18.

Reassignments...

(Continued from Page 15) the incumbent to competently and independently manage arts, crafts, and hobby programs through proper application of the principles, concepts, and techniques of complex program planning and program management. One year specialized experience is also required. Job Relevant Criteria: Skill in effectively managing and utilizing available financial, physical and human resources. Knowledge in the chemical hazards from ceramic glazes and clay components, knowledge of the toxicity of various wood and chemical poison hazards. THIS IS NOT A CIVIL SERVICE POSITION.

Falcon offers a number of Macintosh courses

Some of which will be NWC sponsored

Falcon will be offering a wide selection of "Macintosh" classes as public offerings in Ridgecrest beginning this month. For the most part, these courses will be treated as "off-Center" short courses, using a DD Form 1556 to enroll. The requesting code will provide a job order number on this form and Code 224 will process the registration. If there is insufficient enrollment in any of the public offerings, Falcon has the right to cancel or postpone the class. As with all other off-Center requests, Code 224 will review the subject and if a comparable course is already scheduled on-Center, employees will be advised to take the on-Center course.

In addition...After Oct. 1, Code 224 has an arrangement with Falcon to offer certain "high demand" courses that are part of the Fiscal Year 1990 training plan. If the Falcon ad specifies "NWC," the Code 224 has funded it, guaranteed the enrollment and will coordinate all sign-ups. To enroll in a Falcon "NWC" class, submit the on-Center Training Request Form 12410/73 at least 10 working days prior to the start date. The Code 224 Fall & Winter Course Schedule, published mid-September, will include Falcon classes supported by Code 224.

Remember, if the Falcon ad does not say "NWC," then sign up like any other off-Center request.

Training Center plans wide variety of "Apple" classes

A number of NWC sponsored "Macintosh" classes will be held in October. To enroll in any of the classes, submit NAVWPNCEN Form 12410/73 via department channels to Code 224 by the class' stated deadline.

0800-1130, by Robin Barnes. Deadline is Oct. 10.

Spreadsheets Using EXCEL -- Oct. 31-Nov. 3, 1230-1600, by Bobbi McDonald. Deadline is Oct. 17.

For more information, call Vicki at NWC ext. 2359.

Intro to the Mac -- Oct. 2, 0800-1600, by Bobbi McDonald. Deadline is Sept. 18.

Intro to the Mac -- Oct. 3, 0800-1600, by Paul Baczkiwicz. Deadline is Sept. 19.

4th Dimension, Level I -- Oct. 5-6, 0800-1600, by ACIUS. Deadline is Sept. 22.

Powerpoint -- Oct. 16, 0800-1600, by Falcon. Deadline is Oct. 2.

Hypercard -- Oct. 17, 0800-1600, by Falcon. Deadline is Oct. 2.

M.S. Word -- Oct. 19, 0800-1600, by Falcon. Deadline is Oct. 2.

Graphics for Beginners -- Oct. 20, 0800-1600, by Falcon. Deadline is Oct. 2.

Filemaker -- Oct. 23-27, 0800-1130, by D. Vaughn. Deadline is Oct. 10.

Filemaker -- Oct. 30-Nov. 3,

Co-workers require help

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

William Eastman, Clerk Typist, Code 2851 -- has undergone back surgery to remove disk material from his spine.

John Hill, Engineering Data Management Specialist, Code 3654 -- suffered from chronic anemia and gastrointestinal complications which caused him to be on extended leave. He is indebted for over 130 hours of leave.

Debra Campbell, Administrative Assistant, Code 2803 -- is recovering from complications due to pregnancy and childbirth.

John Hamilton, a former NWC employee (1965-1981) now employed by the Defense Logistics Agency -- is recovering from a liver and pancreas

transplant.

Brian D. Peterson, Industrial Engineer, Code 3294 -- is home recovering and receiving therapy following severe head injury sustained while bicycling. He will be able to return to work on a part time basis possibly in October.

Mike Mason, Mechanical Engineering Technician, Code 3526 -- is continuing to receive chemotherapy treatments at UCLA for his long-term illness. He is able to work intermittently between treatments.

Michael Phillips, Student Trainee (Computer Scientist),

Code 2803 -- has had repeated surgeries for recurring tumors of the knee, which have led to two replacements of the knee joint.

Melody R. Raymond, Budget Analyst, Code 2836 -- who under went emergency surgery and was unable to work from mid-February until late April is indebted for leave.

Robert R. Huntley, Program Manager, Code 35A1 -- has returned to work after spinal fusion and neural surgery. He remains indebted for leave.

Joan A. Johnson, Secretary, Code 3592 -- needs annual leave to care for her husband, who is being treated for cancer.

Leave Donation Form
Complete and send to Code 221

From: _____

Code: _____

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

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

Signature _____

Date _____

With students back in school, drivers should take extra care

Children are back in school now and drivers are urged to take extra precautions. Be alert for youngsters darting between cars, wobbling on bicycles and playing in the road.

SPECIAL: 80MB upgrade FREE
25MHz 80386 Supersystem 80MB system only \$2,495

80386 25MHz zero-wait state AT supersystem: the I/O-bus clock can be set separately from CPU clock so you can run even old add-on cards, socket for 80387 (and for 80287) or Weitek math coprocessor, at boot time the BIOS is shadow copied to RAM for even higher performance, 20MHz Chips & Technologies chip set. Full system: in very nice standard AT case with 1MB RAM (up to 10MB on motherboard), 1.2MB/360K floppy disk drive, 80MB 28ms high-performance hard drive, high-resolution monochrome monitor, serial & parallel ports, MS-DOS 4.01, now only \$2,495. Special: Everything above plus very high resolution VGA display and 256K VGA card (runs it all: MDA, HGC, CGA, EGA, & VGA), your choice of 1.2MB or 1.44MB second floppy drive, reg. \$4,095, now only \$3,195. Made in U.S.A.

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

MIPI's success following Rhodes to Washington

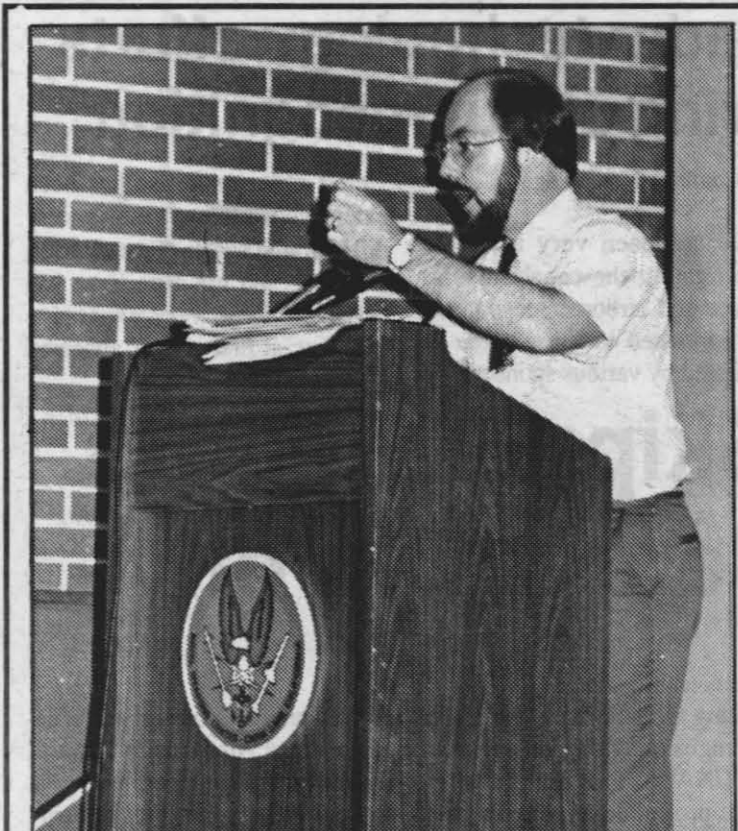
Prior to his transfer to Washington D.C., Cdr. John Rhodes suggested an initiative concerning the issuance of vehicle decals. He noted that when he had purchased a new or used vehicle from a dealer and went to the Security Office, they would only issue a temporary decal. When he received the permanent registration form from DMV, he had to go back to Security to obtain the permanent decal. He wondered why the permanent decal couldn't be issued at the start. After all, the required information was available in the temporary registration supplied by the dealer. So, he suggested that the permanent decals be issued utilizing the information on the temporary registration.



Even though Cdr. Rhodes left the Center during the review of his initiative, the MIPI process didn't stop. Code 24 looked into the issue and decided upon review that there was merit in the idea and that positive results could be realized from it's

adoption. Consequently, in August they notified the MIPI office that the initiative had been adopted. So, now when you go to get an automobile decal from Security for your newly acquired car, they will give you the permanent decal based on the temporary registration and they will tell you to call in the permanent registration number/license number when you get it from DMV. Thanks to Cdr. Rhodes, you won't have to make that second trip back to the Security Office.

Your work status with NWC does not affect the MIPI process. Your initiative will receive the same full review and decision process whether you leave the Center as Cdr. Rhoades or continue to work here. And if, like Cdr. Rhodes, the initiative is adopted, we will send the same certificate, cup and other MIPI items to you that are awarded at the MIPI ceremonies. A tip of the MIPI baseball cap to Cdr. John Rhodes.



NEW THINKING-Dr. Joseph Dondelinger talked about "Novoe Myshlenie" (new thinking) in the Soviet Union during his presentation as a Technical Director's Seminar speaker last month. He is an adjunct faculty member at the Federal Executive Institute where he lectures on Soviet affairs as part of the "Executive Excellence Program."

Photo by PHAN Cary Brady.

Mac users networks on agenda

Mark your calendar—you won't want to miss the September meeting of the Naval Weapons Center Macintosh Users Group. The meeting will be held on Monday, 10 September, at 1430 in the Michelson Laboratory Management Center (first conference room in the main corridor).

The meeting, coordinated by Chuck Jones of the Information Systems Group, will focus on Macintosh-related networking at NWC. The presentation will discuss the available networks, how to get connected to them, and what you can use them for once you are connected. Key words include AppleTalk, Ethernet, Fastpaths, and file servers. Meeting attendees will also



have an opportunity to share Macintosh tips and problems and to "network" with other Mac users. Anybody who would like some free software should bring a blank, formatted 800K disk.

On Sept. 21, from 4 until 7 p.m., Sato Travel will host a cruise information session at the Seafarer's Club. Different cruise themes, cruises you might not have known about and specials on certain cruises will be presented. For information, call Sato Travel at 446-7752.

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Radar technology efforts bring about recognition

(Continued from Page 1)

He has been very active in investigating the capabilities of surface and airborne sensors and has consulted in these areas as requested by various sponsors.

His radar expertise has been extensively used to resolve very difficult and subtle corruptions in test data, and his experience has salvaged some very expensive data that, at first glance, appeared erroneous.

Skipper honors Jerald D. Polly

(Continued from Page 1)

"during the past three years, Mr. Polly has provided full-range facilities engineering support to the Integrated Naval Air Defense Simulation (INADS) Program, initially as a professional engineer, primarily as the project design engineer and more recently as the project manager. During this period, his workload included two major military construction projects and several minor construction projects, each of major benefit to the INADS program and the growth of Echo Range. It is also noted that during this period he was simultaneously tasked to lead many other Center facility engineering efforts.

"Polly has consistently been a positive and effective influence in leading tasks to successful and timely completion. His sustained and exemplary support of the Center's enlarged electronic warfare mission is in the highest traditions of the Navy and public service," concluded the letter.



PIONEER HONORED--Fred Ashbrook, center, is congratulated for receiving the Technical Director's Award in a surprise ceremony last week. Those congratulating him are, l to r, Bill Porter, Gerry Schiefer, (technical director), Ashbrook, Capt. Douglas W. Cook, commander, NWC, and Dillard Bullard. Photo by Karen Everett.

Queen learns of heritage

(Continued from Page 1) culture here in the U.S.," said Lopez.

Involvement in this group is only one way to learn more about other cultures and how they affect our co-workers and neighbors in this country, according to Kathy Kraft, deputy Equal Employment Officer, NWC. "We have to continue focusing on the important contributions that Hispanics have made and will continue to make to American society and the security of our nation," she said.

The theme for this year's Hispanic Heritage month is "500 Years of Hispanic Heritage 1492-1992...The Continuing Adventure." It coincides with the upcoming 500th anniversary of the discovery of America by the Spaniards.

As the daughter of a federal civil servant of Spanish heritage and an English mother, Lopez was reluctant to assume the ambassador position with Tepetitlan. "I'm not Mexican and I don't speak Spanish, but I learned that is not what the Association is all about," she said. "It really is an adventure; I've learned so much about another heritage."

She grew up traveling around the world and continues to travel to foreign lands when she can.

She and her father attended the Sister City International conference in Leon Mexico in 1988 and

she hopes to remain an 'ambassador' with the Sister City Association and an intrepid traveler.



OUTSTANDING SUPPORT--Capt. Douglas W. Cook, NWC Commander, presents the Commander's Award for Excellence in Mission Support to Jerald Polly of the Center's Public Works Department for his exemplary effort on behalf of several construction projects at NWC.

Photo by PHAN Cary Brady

This summer, a new 72-unit Navy Lodge opened in Subic Bay, Philippines. The 3-story Navy Lodge replaced an old 30-unit facility, which consisted of converted trailers and bachelor housing.

Other Navy Lodge locations overseas include Edzel, Scotland (8 units); Keflavik, Iceland (31 units); Yokosuka, Japan (127 units); and a new 72-unit lodge under construction at Roosevelt Roads, Puerto Rico.

Promotional news and notes...

(Continued from Page 14)

tion, maintenance and repair of threat simulators. **Job Relevant Criteria:** Ability to use mathematics through trigonometry; ability to work as a member of a technical team; ability to read and understand instructions and procedures. Position is located at the EWTEC Facility and is on first forty work schedule Mon-Thurs, 0630-1630.

Reassignment opportunities

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

No. 30-019, Supervisory Interdisciplinary Mechanical/Electronics Engineer/Physicist/Operations Research Analyst/Mathematician, DP-830/855/1310/1515/1520-3, Code 3011 - This position is that of Scientific and Technical Intelligence Liaison Officer (STILO). Responsibilities include acquisition of foreign intelligence information of interest to NWC's technical programs, submission of intelligence Production Requests, dissemination of intelligence through briefings and personal liaison, operation of the Center's Intelligence Library, coordination of NWC's participation in the Navy Foreign Materiel Program, liaison with all elements of the national community, and ad hoc intelligence support to NWC programs. Incumbent will act as a first line supervisor and must be willing to support affirmative action principles and implement EEO practices. Incumbent must be able to meet DCID-1/14 (para.11) requirements in order to qualify for special intelligence clearances. Incumbent may be required to serve a one year supervisory probationary period. Send SF-171's to Mike Stephens, code 301, NWC ext. 1563.

No. 31-074, Interdisciplinary, (Electronic Engineer/Computer Scientist/Physicist/Mathematician), DP-855/1550/1310/1520-2/3, Code 31304 - This position is located in the SEWS Technical Management Office, Electronic Warfare Avionics Division, Aircraft Weapons Integration Department. The incumbent will be the Deputy SEWS Program Manager for IV & V. The incumbent will be responsible for leading the SEWS IV & V team, assisting with Program Management activities and acting for the SEWS

Program Manager in his absence. The work to be performed by the IV & V team assures all software reflects the proper requirements, design, development and testing for SEWS. Other TMO activities include planning, tasking, scheduling, and budgeting for the SEWS Program. A background in verification and validation is required. Software development and electronic warfare knowledge is desired. Status eligibles may apply. To apply, please send an updated SF-171 to R. Westcott, Code 31304, NWC ext. 6518.

No. 31-076, Interdisciplinary, (General/Aerospace Engineer/Physicist/Mathematician/Computer Scientist), DP-801/861/1310/1520/1550-2/3, Code 3142 - This position is located in the AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division of the Aircraft Weapons Integration Department. The incumbent is responsible for software engineering development, integration, test and evaluation of AV-8B display computer software. The incumbent will be a member of the display computer software team with responsibility for developing software corrections, investigation of display anomalies, incorporating upgrades, prototyping display techniques and requirements using the Virtual Automated Prototyping system (VAPS). To apply, please send an updated SF-171 to G. Gillen, Code 3142, NWC ext. 5575.

No. 31-077, Interdisciplinary, (General/Electronic Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-2/3, Code 3142 - This position is located in the AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division of the Aircraft Weapons Integration Department. The incumbent is responsible for software engineering development, integration, test and evaluation of AV-8B Stores Management System (SMS) software. The incumbent will be a member of the SMS team developing software for AV-8B day, night, and radar upgrades. To apply, please send an updated SF-171 to G. Gillen, Code 3142, NWC ext. 5575.

No. 36-057, Interdisciplinary, (General/Mechanical/Electrical/Electronics/Aerospace/Industrial Engineer/Physicist/Mathematician), DP-801/830/850/855/861/896/1310/1520-3, Code 36A1 - This position is located in the Sidewinder Production Office. The incumbent will act as Production Technical Manager on the sidewinder missile system. The incumbent will be involved in coordinating the efforts of various missile component contractors. This includes, but is not limited to, the coordination of ECP's, communication with contractors regarding interpretation of government drawings, specifications, test procedures, and the review and reporting to NAVAIR/Contractor on the adequacy of production program plans, vendor qualification test plans, reliability program plans, vendor qualification test plans, lot acceptance reports, and other data specified in the respective contracts. The selectee will coordinate the efforts of NWC support disciplines (product assurance, design/technical, logistics, ETC.). Please submit a current SF-171 to Gil Comell, Code 36A1 at NWC Ext. 3784.

No. 31-075, Secretary (Typing), DG-318-2/3, Code 314 - Incumbent will provide secretarial and administrative support to the System Integration and Evaluation Division in the Aircraft Weapons Department. Incumbent will work as a team member. Ability to provide training for junior personnel and working skill on a personal computer is desirable. Promotion potential to DG-3, but not guaranteed. Status eligibles may apply.

No. 39-076, Secretary (Typing), DG-318-2/3, Code 39B4 - This position is located in the RAM Project Office. The incumbent provides secretarial support to the RAM Project Office personnel. Experience with the Macintosh PC is desirable. Promotion potential to the DG-3. Status eligibles may apply.

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.

24-031, Secretary, DG-318-1/2, Code 2402 - This is a part-time position, 20 hours per week. Position is located in the Safety and Security Department. Incumbent serves as the principal clerical and administrative support to the Head of Staff. Promotion potential DG-2.

No. 31-075, Secretary (Typing), DG-318-2/3, Code 314 - Incumbent will provide secretarial and administrative support to the System Integration and Evaluation Division in the Aircraft Weapons Department. Incumbent will work as a team member. Ability to provide training for junior personnel and working skill on a personal computer is desirable. Promotion potential to DG-3, but not guaranteed. Status eligibles may apply.

No. 39-076, Secretary (Typing), DG-318-2/3, Code 39B4 - This position is located in the RAM Project Office. The incumbent provides secretarial support to the RAM Project Office personnel. Experience with the Macintosh PC is desirable. Promotion potential to the DG-3. Status eligibles may apply.

Non-appropriated funds

The following vacancies are not Civil Service positions. These positions are paid for from non-appropriated funds and are administered in accordance with policies established by the Department of Defense. Persons selected for these positions have no Civil Service status and are not eligible for appointment to positions in the Civil Service. Persons interested in applying for these positions should fill out a standard application form (SF-171). Applicants need not be presently employed in a Non-Appropriated Fund Instrumentality (NAFI) position, nor must they be employed at the Naval Weapons Center. The SF-171 should clearly be marked "NAFI" on the top and should have the appropriate announcement number listed in Block 1 on the form. Completed applications can be delivered to Room 100 or to Room 120 in the Personnel Building or can be mailed to: Naval Weapons Center, Personnel Dept. (Code 226), ATTN: NAFI Service Team, China Lake, CA 93555-6001.

22-8927, Director, Golf Course, UA-1101-7/9, \$19,493 to \$31,001 Per Annum, Permanent Full Time Code 2297 - This position is located in the Human Resources Department, Morale, Welfare and Recreation Division, Golf Pro Shop. The Golf course operations consist of 18 holes on a 248 acre course. The incumbent is responsible for the Pro Shop, driving range, locker and club rentals, starters shack, fleet of carts, cart storage sheds, retail storage room, and snack bar. The incumbent interviews new hires, certifies time cards, ensures adequate staffing seven days a week. Assumes control of semi annual resale inventory, develops an annual budget, and maintains records which may include green fees, cart rentals, ect. Organizes and coordinates golf tournaments and leagues. **Job Relevant Criteria:** Knowledge of the game of golf, and rules of play. Knowledge of golf equipment and

wearing apparel. Knowledge of budget and fee structures. Certification by the Professional Golf Association is desirable, but not required.

No. 22-8929, Director, Arts And Crafts, UA-1101-6, Salary Range \$17,542 to \$25,343 Per Annum, Permanent Full Time, Code 2296 - The incumbent develops short and long range plans for programs, for arts and craft and manages a horse stable complex. Incumbent directs employee work, and resolves informal complaints, and develops annual budgets. Develops new programs as interests, trends and patrons needs occur. Teaches participants in activities which the incumbent has technical expertise, such as wood working, wood refinishing, ceramics, and stain glass. Performs other duties as assigned. Must have knowledge gained through 3 years general experience/or Bachelors degree which enables (Continued on Page 16)

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

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

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

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

No. 24-029, Safety and Occupational Health Specialist, DA-018-1/2/3, Code 2405 - Position is located in the Safety Program Office of the Safety and Security Department. Incumbent is responsible for administering Safety and Occupational Health programs for the Center. Also responsible for providing training and education in program areas. Job Relevant Criteria: Knowledge of Occupational Health and Safety principles; ability to work effectively with individuals and groups; ability to communicate in writing; ability to communicate orally. Promotion Potential DA-3.

24-030, Locksmith, WG-4804-5 (Trainee), Code 2431 - This is an Upward Mobility Position located in the Physical Security Branch, Security Division, Safety and Security Department. This is a target position for Locksmith WG-7. Candidates will be assessed for their potential to qualify for this position. Incumbent, under the direction of a jour-

neyman, aids in the maintenance, installation troubleshooting, and repair of all mechanical locking devices. Job Relevant Criteria: Ability to work with small tools; ability to independently and with others; ability to follow instructions. Eligibility: A. NWC employees DA/DS/DT-2, DG-4, GS/WG-9 or equivalent and below, who are eligible for reassignment or change to lower grade to the trainee position; B. Veterans Readjustment Act appointees; C. NWC employees who are currently serving in permanent excepted positions under Schedule A appointing authority of the severely handicapped section 213.3102 (u). Such candidates will be referred to the selecting official on a separate listing. A supervisory appraisal form (NAVWPNCEN 12335/4) is required, you may pick up the form in the Personnel Building, Room 100. Promotion Potential WG-9.

24-032, Electronics/Computer Engineering Technician, DT-856/802-2/3 -

This position is located in the Safety and Security Department, Computer Security Office. Incumbent will assist the Computer Security Officer in ensuring adequate security policy and procedures for all Center Computer and Office Information systems and all interconnecting systems. Incumbent is responsible for administering the NWC Tempest Program. Background in computer system administration and technical experience in Computer operations, system software or application software is required. Job Relevant Criteria: Knowledge of Tempest regulations; ability to research, interpret and implement written instructions; knowledge of existing computer security regulations and procedures; ability to work with personnel at all levels on and off-Center; ability to communicate in writing; ability to communicate orally. Some travel is required. Promotion potential to DT-3. Status eligible may apply.

No. 24-033, Security Specialist/Computer Specialist/Program Analyst/Communication Specialist, DA/DS-080/334/345/393-2/3, Code 24082 - This position is located in the Safety and Security Department, Computer Security Office. Incumbent will assist the Computer Security Officer in ensuring adequate security policy and procedures for all Center Computer and Office Information systems and all interconnecting systems. Incumbent is responsible for administering the NWC Tempest Program. Background in computer system administration and technical experience in Computer operations, system software or application software is required. Job Relevant Criteria: Knowledge of Tempest regulations; ability to research, interpret and implement written instructions; knowledge of existing computer security regulations and procedures; ability to work with personnel at all levels on and off-Center; ability to communicate in writing; ability to communicate orally. Some travel is required. Promotion potential to DA/DS-3. Status eligible may apply.

No. 32-049, Industrial Equipment Mechanic, WG-5352-8, Code 3216 - This position is located in Maintenance Branch "B", Energetic Materials Division, Ordnance Systems Department. The duties of this position are performed in the China Lake and Salt Wells Area where 90% of the equipment and machinery is used to support research and development of propellants and explosives formulation. The incumbent works under the supervision of a foreman and provides assistance to senior equipment mechanics and process personnel. Major responsibilities of this position are routine maintenance and upkeep of assigned equipment/machinery units use to process hazardous materials. Job Relevant Criteria: Knowledge of technical practices, trade theory, and troubleshooting; ability to do the work of the position without more than normal supervision; ability to use precision measuring instruments and related equipment; ability to read and interpret blueprints, instructions, specifications, etc.; supplemental is required and may be picked up at receptionist's desk of the Personnel Bldg, 505 Blandly, Room 100. Status eligibles may apply.

No. 32-048, Machinist, WG-3414-10, Code 3216 - This position is located in Maintenance Branch "B", Energetic Materials Division, Ordnance Systems Department. Incumbent performs a wide range of machinist duties in support of the Ordnance Systems Department including the manufacture of ordnance hardware

for test and evaluation projects. Job Relevant Criteria: Knowledge of set-up and operation of machine tools; knowledge of trade theory and technical practices; knowledge of shop drawings, lay-out work, and measuring devices; knowledge of hand tools and fitting; knowledge of materials; ability to do the work of the position without more than normal supervision. Supplemental Qualifications Statement for Machinist is required and may be picked up at receptionist's desk of the Personnel Bldg, 505 Blandly, Room 100. Promotion potential to WG-11, but not guaranteed.

No. 39-070, Electronics Technician, DT-856-2/3, Code 3913 - This position is in the Missile Effectiveness Branch, Missile Systems Division, Intercept Weapons Department. The position is that of test director for the Encounter Simulation Laboratory (ESL) in Norco, California and the future Missile Engagements Simulation Arena (MESA) at China Lake. The incumbent is responsible for planning, conducting, and reporting on ESL/MESA tests. The incumbent will be on temporary duty at the ESL during data acquisition. Test planning, software development, data reduction, and report writing will be performed at the China Lake duty station. Job Relevant Criteria: Knowledge of radar field test procedures and instrumentation; ability to manage test projects that cross laboratory boundaries; ability to communicate in writing; ability to communicate orally. Incumbent must be able to obtain and maintain a Top Secret clearance. Previous applicants need not reapply. Promotion potential DT-3, but not guaranteed.

No. 39-075, Engineering Technician/Electronics Technician, DT-802/856-3, Code 39B3 - This position is in the MHP Project Office, Intercept Weapons Department. The incumbent will oversee independent government evaluation of Missile Homing Improvement Program Hardware, including laboratory, HWIL, and range tests, of Seeker and Integrated Hardware at NWC. The incumbent will review and support the MHP contractor's test program, including preflight, captive carry, and Free Flight Tests. The incumbent will also establish a cooperative test program with Raytheon to test HSMIR/MULTI-Spectral Sparrow. Job Relevant Criteria: Ability to originate and develop special test set-ups, procedures to facilitate the testing process; ability to communicate in writing; ability to communicate orally; ability to deal with all levels of technical management. Previous applicants need not reapply. Promotion potential DP-3, but not guaranteed.

No. 39-078, ADP Resources Technician, Dg-303-2, Code 3935 - The position is located in the Standard Missile Fuze Branch I (Code 3935), of the Fuze Sensor Systems Division, Intercept Weapons Department. The incumbent will provide the following duties for both Standard Missile Fuze Branch 1 (Code 3935) and Standard Missile Fuze Branch 2 (Code 3934). The incumbent's duties will include but are not limited to tracking equipment calibration requirements, maintaining plant account records, developing and maintaining databases; set-up/upgrade of computer equipment; training office personnel on new software and hardware; develop and track C&IS plans and maintain computer accreditations. Job Relevant Criteria: Knowledge of database systems; ability to work with a variety of computer systems and users; ability to communicate both orally and in writing.

Promotion potential to DG-3, but not guaranteed.

No. 61-017, Supervisory Electronics Technician (DT-856-3)/Engineering Technician (DT-802-3), Code 61312 - Position is Section Head, Target Systems Section, Tracking & Control Branch, Engineering Support Division, Aircraft Department. Primary mission of section is maintenance of drone peculiar equipment in full-scale aerial targets and QH-50 helicopter targets. The incumbent is responsible for supervising and training a section of 8 electronic and engineering technicians, providing technical support to engineering activities within the division and department, and coordinating launch and recovery of targets during operations. Duties include scheduling work and acting as branch head in his absence, work load planning, budgeting, and monitoring minor acquisitions. Incumbent must be willing to travel to other DoD organizations and contractor facilities in the performance of normal duties. Job Relevant Criteria: Knowledge of OPNAVINST 4790 aircraft maintenance procedures; knowledge of aircraft modification procedures; ability to maintain and operate aircraft electrical and electronic systems and aircraft drone systems and/or to fabricate and install aircraft mechanical components; ability to communicate orally and in writing.

No. 62-061, Flight Test Specialist, DS-301-2/3, Code 62513 - This position is located in the Computer Systems Branch, Data Systems Division, Range Department. Incumbent is responsible for airspace safety and surveillance in accordance with established Air Traffic Control practices in support of the NAVWPNCEN range operations. This position serves in the Airspace Surveillance Section. Incumbent performs liaison and coordination with the various military and civilian agencies/individuals using the surrounding airspace. Job Relevant Criteria: Graduation from a "Basic Air Traffic Controller" course which includes surveillance, radar, and practical application; knowledge of FAA rules, regulations, PARS, and manuals; knowledge of Air Traffic Control phraseology; and ability to use surveillance radar to control aircraft.

No. 64-045, Inventory Management Specialist, DA-2010-1/2, Code 6446 - This position is located in the Range Services Branch, EWTES Division, Aerosystems Department. The incumbent will act as the divisions primary support person in the areas of inventory management, warehouse storage, issuance of parts, parts research, shipping requests, and excess property acquisition and disposal. The incumbent also acts as the division DSSU coordinator. Job Relevant Criteria: Knowledge of warehouse management; knowledge of federal supply acquisition; knowledge of vendor research techniques; knowledge of federal property acquisition and disposal process; ability to communicate orally and in writing; ability to plan, organize and accomplish work with minimal direction. Knowledge of Data Base Management Systems is highly desirable, but not required. Position is located at the EWTES Facility and is on first forty work schedule Mon-Thurs, 0630-1630. Promotion potential to DA-3. Status eligibles may apply.

No. 64-046, Electronics Technician, DT-856-A, Code 6443 - This position is in the Threat Systems Branch, EWTES Division, Aerosystems Department. The incumbent is responsible for the opera-

(Continued on Page 15)

Chan captures Bjorklund honor

Mike Chan was recently awarded the Russell Bjorklund Management Innovation Award in recognition of his introduction of a number of computer applications and his exceptional creativity in applying new ways of doing administrative business.

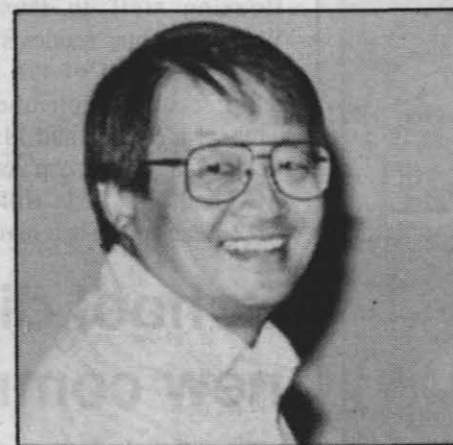
The presentation was made by Steve Boster, president of the East Kern County Chapter, American Society for Public Administration (ASPA) at their annual awards meeting. He was selected from four candidates by a review committee including Burrely Hays, former NWC technical director and Ray McCue, president of Cerro Coso Community College.

Guest speaker for the meeting was Capt. Douglas W. Cook, NWC Commander. Capt. Cook spoke about his role as commander of NWC and his views about NWC now and where it will be in the future.

The ASPA-sponsored award is given each year to publicly recognize a person whose contribution to management reflects an imaginative, risk-taking approach to alteration and improvement of the management process.

Chan, an administrative officer with the

Naval Weapons Center's office the Deputy Technical Director, introduced a number of innovative computer applications which



Mike Chan

improved management information, productivity and effectiveness for the Naval Weapons Center. He has also assisted many people in the past with the development of new computer applications to document, analyze and retrieve information from specialized data bases.

Also known on-Center as "Mr. Mac," Chan is one of the most knowledgeable people on Center relative to software

applications on the Macintosh computers. Chan is credited for computerizing many of the forms used at NWC, including travel orders and the bank card information form.

The computer whiz was instrumental in improving presentation capabilities in Michelson Lab. Experimenting with remote control interface between a laser disk player, VHS video and a Macintosh computer, Chan enabled tapes, sound and computer data to be interwoven in a presentation involving color slides or viewgraphs.

Under Chan's direction, an access data base was developed for after hours log-in at Michelson Lab. This data base replaced the log-in book, which often caused users to waste valuable time looking for their name when signing out, or checking to see if someone was in the building. The access data base provides an excellent log sheet record which can be sorted in a number of different ways, such as by name, time of entry, location, etc.

Management is now able to do a quick review of a project's total status on a computerized chart report created by Chan. The report is updated monthly and services

other uses, such as a summary reference input for the monthly DNL status report.

Involved in several Center workload

"I was part of a team and we worked as a team."--CHAN

data bases which have been developed recently, Chan developed a project numbering scheme whereby all programs, technical as well as support/overhead) could be identified and recorded so all Center workyears could be aggregated to a total that will match employee onboard figures. This report identifies all planned and committed workload by program, work category, sponsor, type of funding, etc. From this, Chan was able to adapt a special workload report for NAVAIR which inputs our NAVAIR work to their Corporate Resource Management System, thus allowing NWC to obtain quicker sponsor funding intentions.

This award isn't for just one person," said Chan upon receiving the honor. "One person doesn't make that much difference. I was part of a team, and we worked as a team. I accept this award for all the people I work with."

China Lake, nation celebrating first Hispanic Heritage Month

China Lakers will join the rest of the Department of Defense and the United States as a whole in celebrating the first ever Hispanic Heritage Month, Sept. 15 to Oct. 15.

This year's theme is "500 Years of Hispanic Heritage 1492-1992... The Continuing Adventure." It coincides with the upcoming 500th anniversary of the discovery of America by the Spaniards.

DoD's observance will kick off with Sept. 13 ceremonies at the Pentagon featuring the secretary of defense and other dignitaries from across the nation.

Defense installations worldwide will celebrate the ethnic observance with special menus, skits, exhibits and guest speakers. But "Hispanic Heritage

Month should be more than just having a speaker on an afternoon," said Manuel Oliverez, DoD's deputy director for civilian equal opportunity policy.

"It's more than recalling events of the past," Oliverez said, "We should examine where the Hispanic community is today and what its needs are in terms of education, employment and roles in the military services.

"There is a place for speeches, flags, music and cheering," he said, "but those are only temporary activities. We have to focus on how to improve the lives and well-being of Hispanics as we make contributions to the American society and security of the nation.

American Forces Information Service



SCENIC MISSION--A VX-5 F/A-18 Hornet is seen flying above the Sierra Nevada recently.



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FRA HONORS--Assisted by the Vietnam Veterans, the Fleet Reserve Association (FRA) members conducted a Flag ceremony prior to starting the FRA's annual Lab Day Picnic. During the day's events, Nathan Nickell, son of Roger Nickell, received a second place award and savings bond for the 1988-89 FRA Essay Contest. Other winners, not present at the ceremonies, were Amy Read, second place award and David Harris, first place award. The 1989-90 contest theme is "What Freedom of Speech Means to Me." Students in grades seven through twelve are eligible to enter this contest. Deadline for entries is Feb. 1. Prizes range from a \$1,000 savings bond to a \$75 savings bond. For more information about this essay contest, contact Bob Schwaiger at 375-6839.

Housing says---

Yards of the Month receive honors

Housing says...Congratulations from Command and the Housing staff to the Naval Weapons Center residents selected as the Yard of the Month recipients for September. The winners are RM1 and Mrs. Jeffrey Smith, 407 Stroop Ave., and ACC and Mrs. Leon Hillewaert, 1512 Kearsarge. Their hard work,

time and efforts are reflected in the exceptional appearance of their yards.

We hope that everyone will become involved in this program and work at helping to improve and maintain Navy Family Housing.

Take a drive by to see these beautiful yards.

School district offering new community classes

Even though classes have already begun for the Sierra Sands Adult School's Fall term, it is not too late to register, school officials said. No transcripts, birth certificates, diplomas, etc. are needed for the Community Service classes being offered. If a student is working toward an Adult School diploma, the office staff will obtain the necessary transcript.

Some of the classes being offered this fall are sign language, sports officiating, welding, cabinet making, yogo, aerobics, tai chi, cooking, school bus driver training, needlework, German, oil painting, calligraphy, and a number of business classes. High school diploma classes are also being offered.

For a complete list of classes, and information on how to register, call the Sierra Sands Adult School Office at 375-4511.

MWR amends BBQ price

Morale, Welfare & Recreation, Seafarer Club, would like to announce an error in the September issue of the *Roadrunner*. The Mongolian BBQ priced per lb. is incorrect. The correct pricing should have been per OUNCE. If any MRW regrets any inconvenience that this error may have caused, For further information, please call 446-6929.



RELAXING DAY--Paul Baczkiewicz, Morale, Welfare & Recreation, enjoys a cool day fishing at Lake George in the Mammoth Lakes area. The fly and bubble combination has been working well on the lake for experienced fishermen.

Soccer referee clinic set

On Sunday, Sept. 10, an F.I.F.A. instructor will conduct a one-day soccer referee refresher clinic at the Youth Center. The clinic, which begins at 8:30 a.m., is for all referees -- Youth Soccer or F.I.F.A.

For more information, call NWC ext. 2018 or 5680.

Bowling time changed

Hall Memorial Lanes is announcing new times for Interdepartmental Bowling. Previous play time was 9 p.m.. It has been changed to 6 p.m.

For further information, please call Bill Boothe, manager, at NWC ext. 3471.

Southern Pacific Sports Conference offers a mixture of events for military personnel

Many events are planned during the Southern Pacific Sports Conference's sports year. For further information about the following events, please call Michelle Martin, the gymnasium manager, at NWC ext. 6542.

Holiday Basketball Tournament 1989-1990 -- Naval Station Long Beach and Naval Station San Diego during the period of Dec. 18 to Jan. 3. Games will be played in the mornings, afternoons and evenings. Competition will be single or double elimination, depending upon court space and number of entries. Send entries to Commander (Code N4), Naval Base, San Diego, CA 92132-5100. Entry forms are available at the NWC Gym. Only active duty members are eligible for play.

Men's and Women's 10K Championships 1989 -- Competition for men and women will be hosted by the Commanding Officer, Naval Submarine Base, San Diego

on Oct. 28. The race will begin at 8:05 a.m. Divisions are as follows: Open, Senior, Master and Women's. All contestants will check in with the meet director by 7:15 a.m. on Oct. 28 at the Ballast Point Park area. A pre-race meeting will be held at 7:45 a.m. in the registration area. Only active duty military members are eligible for play.

Invitationals Men's and Women's Racquetball Tournaments -- This event will be hosted by the Commanding Officer, Naval Air Station, Miramar during the period of Oct. 2-6. Only active duty military members are eligible for play.

Billiards Championships -- All personnel ordered to active duty for a period of more than 90 days for other than training purposes are eligible to participate. This event will be held at the Admiral Robinson Center during the period of Oct. 23-27.

Powerlifting Champions -- This event will be hosted by the Commanding General, Marine Corps Recruit Depot, San Diego, CA, on Saturday, Oct. 21.

Men's Fleet/Shore and Women's Basketball Leagues -- Competition for both men and women will be hosted by the Commanding Officer, Naval Base, San Diego. Entries must be submitted in writing. NWC Gymnasium personnel will guide interested teams through registration forms. A meeting for all team coaches will be held on Wednesday, Oct. 28, at 5 p.m. in the Conference Room of the Hobbies and Crafts Building 3303 for all San Diego teams. Long Beach teams will meet at the Gymnasium, Naval Station Long Beach. NWC China Lake entries should call either commands or the NWC gymnasium for further information. Only active duty military members are eligible for play.

PFT: October's test cycle near

It may only be September, but October and the semi-annual Physical Fitness Test (PFT) for all military members is just around the corner. For sailors who haven't stayed in the shape needed to pass the PFT, it's time to start getting back in shape.

There is a regular PFT conditioning session held at the NWC Youth Center from 6 to 7 a.m. every weekday. This is an oppor-

tunity to sweat off the pounds and trim up in a team environment.

The new OPNAV instruction requires all personnel who fail their semi-annual PFT to be placed on remedial physical training for six months or until the next scheduled PFT.

To avoid the remedial training, all personnel are urged to be ready for the PFT in October.

Back to school time sends kids searching for their library cards

News USA--A gift that won't break, won't wear out, won't be outgrown? Educational and fun for all ages? Free of charge at a location near you? A library card.

September is National Library Card Sign-up Month, sponsored by the American Library Association. When you're getting ready

to send your child back to school this fall, be sure you're providing the most important "supply" of all--a library card.

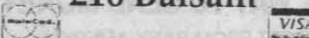
When your child gets into the library habit at a young age, a pattern of reading and lifelong learning is set.

Quality, name-brand toys will be featured in the Navy Exchange's Toyland Sale being held Sept. 15-Oct. 1. Now is the time to check out the great savings at the local Navy Exchange.

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LC-1200 1200W 120V±5% from 96 to 138V	249	179
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BC-1200 1200W UPS, 34 minutes at 1/2 load	999	829



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PROUD CHAMPS--Al Avery, Mike Sorge, Jerry Lloyd, Drew Martin and Don Fraser squeaked by with the win in the NWC Intramural Golf League Tournament. The tournament lasts from mid-April through the end of August. The winning team beat the second place team by just 1/2 of a point. Photo by PHAN Cary Brady

NAS Lemoore extends invite to attend championship race

Naval Station Lemoore's CRAFTECH Hobby Program and Ground Zero invites NWC personnel to attend the 1989 Westcoast Military Invitational Off Road Radio Control Championship Race. This event takes place Oct. 6 aboard the Navy's largest Master Jet Engine Station. Many events will be offered the entire weekend.

NAS Lemoore is located in the center of California, just three hours from Los Angeles or San Francisco.

Don't miss out. Stop by the NWC CRAFTECH Center to obtain all the information and entry forms needed for this great, fun-filled event. Lodging is available through the Navy Lodge (209) 998-3000 or Camping Sites (209) 998-3137.

Pre-registration fees are \$20 for stock classes and \$15 for open class. Pre-registration ends Oct. 5. Registration fees on the day of the race are \$25 for stock and \$20 for open. Starting time is 9 a.m.

Youth soccer evaluations take place Monday thru Wednesday

Evaluations for the Naval Weapons Center's Youth Soccer fall program begin Monday at Knox Field 1.

Youths registered for the fall soccer season must attend one of the three evaluation sessions, which are scheduled for Sept. 11-13 from 5 to 6 p.m. each day. The evaluations will be separated into three different age groups -- grades 1-3, 4-6 and 7-9. Players not attending an evaluation will not be placed on a team.

Registration for fall youth soccer play is still being taken at the NWC

Youth Center. Cost is \$20 for military dependents, \$22.50 for dependents of DoD civilian employees and \$25 for all other athletes is required at this time.

The season is from Sept. 30 through Nov. 18, with the first games being played Sept. 30.

Coaches and assistants are required to attend a soccer clinic scheduled for Saturday, Sept. 23, from 9 a.m. to noon.

A meeting for referees will be held Sept. 20 and for volunteers on Sept. 23. Both meetings will be held at the Youth Center, beginning at 8 a.m.

For further information about the 1989 fall youth soccer season, please call the sports director, Youth Activities, at NWC ext. 2909.



Final week of play determines 1989 tourney champion

For the third year in a row, Al Avery's team earned first place in the Intramural Golf League Tournament held at the China Lake Golf Course. During competition, which is from mid-April through the end of August, 20 teams compiled points as team members tried to best opposing team members -- one point per win and a half point for a tie. Avery's team, which consisted of Avery, Mike Sorge, Jerry Lloyd, Don Fraser and Drew Martin, earned a total of 47 points, beating the second place team by just half a point.

"We are real proud that we have earned first place three years in a row," said Avery. "As far as I know, we were the first team to win this tournament two years in a row, let alone three."

According to Avery, the second place team of Jim Gribble, Al Hunter, Cliff Stone and Rick Toal gave them some real competition. "The lead kept changing," said Avery. "One week Gribble's team would have the lead, the next week we would have it. However, by the time the last week of play came around, we were three points behind Gribble's team. We came through, though, by earning three and half points to cinch the win."

Extra shower, dressing areas are now available on-Center

According to the Sports Branch staff, additional shower and dressing areas are available at the following locations:

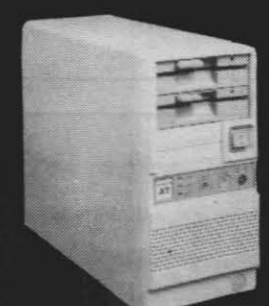
- Behind the theater -- available Monday through Friday from 11 a.m. to 1 p.m.
- Officers' Pool -- available Monday through Friday from 5:30 to 7 a.m., 10:30 a.m. to 1 p.m. and from 4:30 to 7 p.m.
- Gymnasium Annex -- available Monday through Friday from 5:30 a.m. to 9:30 p.m.; Saturday from 8 a.m. to 4:30 p.m.; and on Sunday from noon to 4 p.m.
- Old CPO Club -- these facilities may be used if patrons acquire the combination from the gym staff. Users will be responsible for securing the area upon leaving.

For more information, call the Sports Branch at NWC ext. 6542.

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China Lake Technical Societies

Embedded Computing Technology Symposium

Those involved in embedded computing are invited to submit papers for the 'Embedded Computing Technology Symposium' set for Oct. 30-Nov.9. Symposium organizers are looking for 20-30 minute presentations relating to embedded computing. They need a commitment to present along with a one page abstract by Oct. 1.

Current identified areas of interest include: VHSIC, Ada, Training, Toolsets/CASE, Reliability, Simulation, Prototyping, Display Technology, Next Generation Computing Resource, Artificial Neural Networks, Super Computer Efforts, Advanced Architectures, Safety/Security, Procurement, and Post Deployment Software Support.

The above list is intended to encourage a broad range of topics, not to define limits for papers. Submit abstracts to Code 31C, Attn. Symposium or to GSSF::Roseman, Subject: Symposium. For more information call Tom Roseman, NWC ext. 4812.

IEEE Videoconference

Neural Networks: Capabilities & Applications -- For Today and the Future is the topic of IEEE's 31st videoconference. The videoconference is set for Sept. 27, from 9 a.m. to 12 noon at the Heritage Inn, Flight Deck, in Ridgecrest. Registration will be taken at 8:30 a.m.

Neural networks are a rapidly emerging artificial-intelligence technology. Because neural networks are capable of analyzing problems with many variables -- and are flexible and self-programming -- neural networks represent a whole new generation of ways to harness the power of computers.

The impact of neural networks has the potential to achieve revolutionary breakthroughs in such vital areas as adaptive control of non-linear systems -- computer vision systems -- electronic warfare threat identification -- signal processing and speech recognition. There are an abundance of scientific research, medical, engineering and military applications.

This videoconference will present a comprehensive, balanced view of neural networks -- their present status and capabilities -- and the challenges to be overcome.

Tom J. Schwartz will discuss the advantages and limitations of neural networks versus conventional computers; characteristics of successful neural network problem selection; and present and potential commercial and military applications of neural network technology.

Dr. James A. Anderson will cover the biological aspects of neural networks; behavior capability of complex non-linear networks; computational potential of multi-layer networks; and examples of neural network computation.

Dr. Bernard Widrow will review early work on neural networks, including Perceptron and Adaline e/Madeline networks; give up-to-the-minute research on neural network applications; and a video demonstration of use of a two-layer network.

Schwartz will also discuss case studies from engineering and business perspectives; applications of neural networks to solve mapping problems; practical applications for using off-the-shelf neural modeling software; video demonstration of the neural network "SNOOPE;" and detailed neural network "getting started strategy."

There is no charge NWC employees who submit NWC Form 12410/73 to Code 224 via department channels prior to Sept. 13. For people not asking NWC to pay, fees are \$3 for IEEE or Computer Society members or \$5 for non-members. Checks should be made out to IEEE and be sent to Ed Brann, 637 W. Wildrose, Ridgecrest, CA 93555.

For more information, call Brann at 446-7985 or Dave Koelsch at NWC ext. 1974.

TQM Seminar

China Lakers have the opportunity to attend a Total Quality Management (TQM) Seminar on October 26 at the Carriage Inn in Ridgecrest. NWC Training Form 124210/73 must be submitted to Code 224 no later than October 5 to gain one of the limited number of seats available for this seminar.

The day-long seminar will be presented by speakers from NWC, Hewlett-Packard and Arthur Anderson Consultants. The seminar is scheduled from 8 a.m. to 4 p.m. From 8 a.m. to 11:30 a.m., speakers will focus on general implementation and the payoffs from TQM and TQM in a research and development environment. From 12:30 to 3 p.m. participants will select one of six workshops to attend:

This will be followed by a question and answer session from 3 to 4 p.m. An informal reception will follow the end of the seminar at 4 p.m.

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

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Surplus goods auction planned September 26

Local Auction 41-9444 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Tuesday, Sept. 26. The auction begins at 9:30 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the 265 items to be offered will be a 14' aluminum boat with trailer, trucks, paints, oils, computers, tools, sewing machines, books, scales, sanders, saw, popcorn machine, beer tapper, yard maintenance equipment, 22,000 lb.s of graphite solids, pipe, sheet steel, ATVs, electrical and electronic equipment and typewriters.

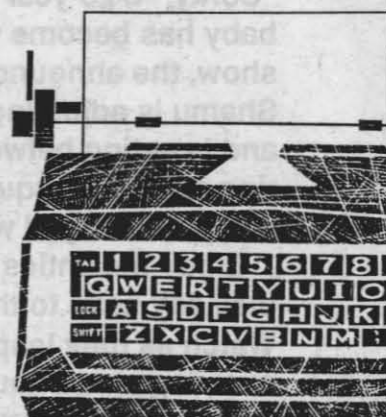
The items will be on display for inspection from 8 a.m. to 3 p.m. daily, except weekends, beginning Thursday, Sept. 21. A complete list, as well as sale terms and conditions, can be seen at Building 1073, Warehouse 41.

Registration begins at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or

guaranteed instrument (cashier's check, money orders, traveler's checks, etc.). Purchasers will have until Oct. 6 to pay for and remove items.

Because the Defense Reutilization and Marketing Office is located within NWC's interior security fence line, prospective bidders without an NWC pass must stop at the main gate visitor's center and obtain a pass before coming aboard.

For further details, contact Phyllis at Building 1073, Code 97, or NWC ext. 2502/2538.



Salvation Army donations possible just by calling for a pick up of items to give away

Individuals who have items they wish to donate to the Salvation Army shouldn't despair. Even though the Salvation Army drop off box has been removed from the corner of Richmond and King, donations are still needed and wanted.

To make items easier to donate, the Salvation Army's truck will be in the China Lake area every Thursday between the

hours of 8 a.m. and 1 p.m. to pick up donations at requested pick-up spots, or call 1-800-348-3562.



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ITT has tickets Getting away to Sea World

When the heat becomes too oppressive, or something "different" sounds interesting, think about going to Sea World in San Diego.

Despite the fatal accident to Kandu, the mother of Baby Shamu, the show continues in an abbreviated format. Watch Shamu as she swims in the killer whale tank and attempts to emulate "Corky," a 25-year old killer whale with whom the baby has become very attached. During a recent show, the announcer told the audience that Baby Shamu is adjusting well to her mother's death and is eating between 40 and 55 pounds of herring smelt and squid daily. Sea World trainers are very encouraged with her progress.

Enjoy the antics of the dolphins and whales as they say hello to the audience by doing flips. Watch as they leap high in the air as they jump over ropes and touch the a high-hanging ball. If feeling a little warm from staying out in the sun, sit in the first few rows and the mammals will be more than happy to "cool you off."

While log splitting contests aren't the norm in many areas, Sea World visitors enjoy watching the "American" team try to out-split, out-throw and out-chop the "Canadian" team.

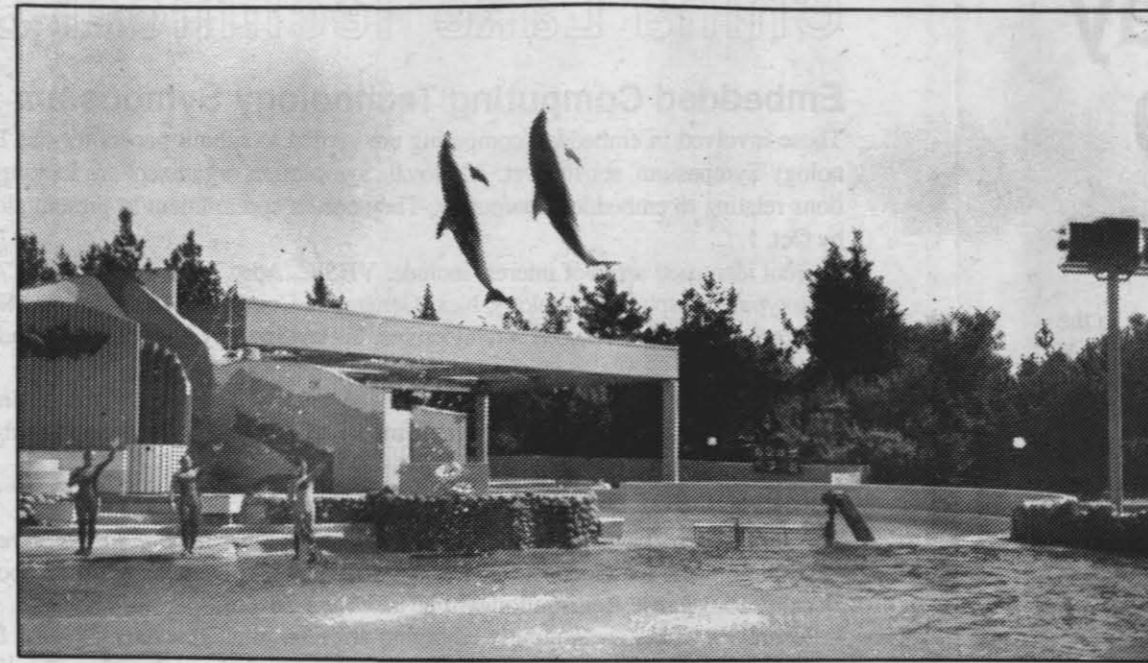
Ever since the movie "Jaws" came out on television, sharks have had a special fascination. View these wild creatures up close through the viewing glass in the Shark Exhibit.

For laughs and pure entertainment, be sure to see the "Pirates of Pinniped" as the otter steals the gold and the sea lion is forced into the life of piracy.

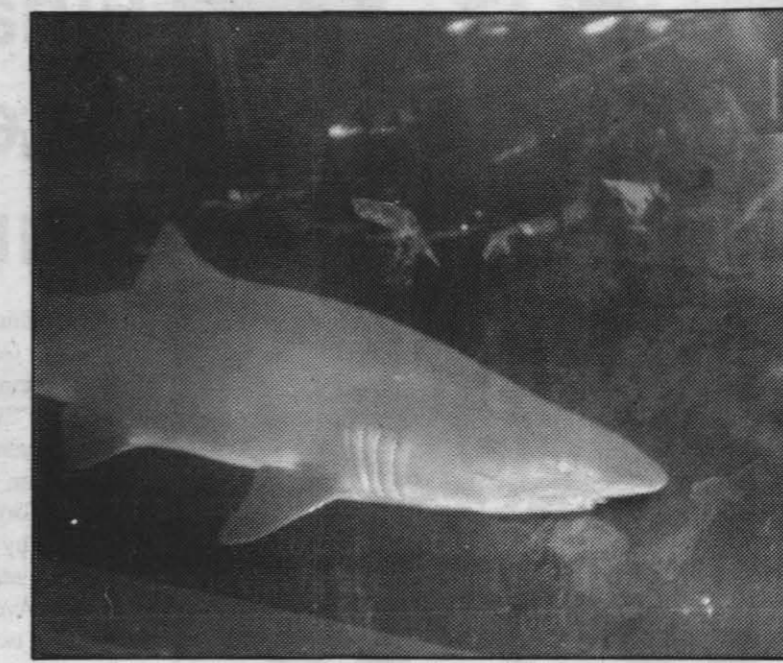
Children of all ages will be delighted with the dolphin petting pool and penguin encounter.

As something "different," desert rats will appreciate the Sparkletts Water Fantasy, a colorful water show.

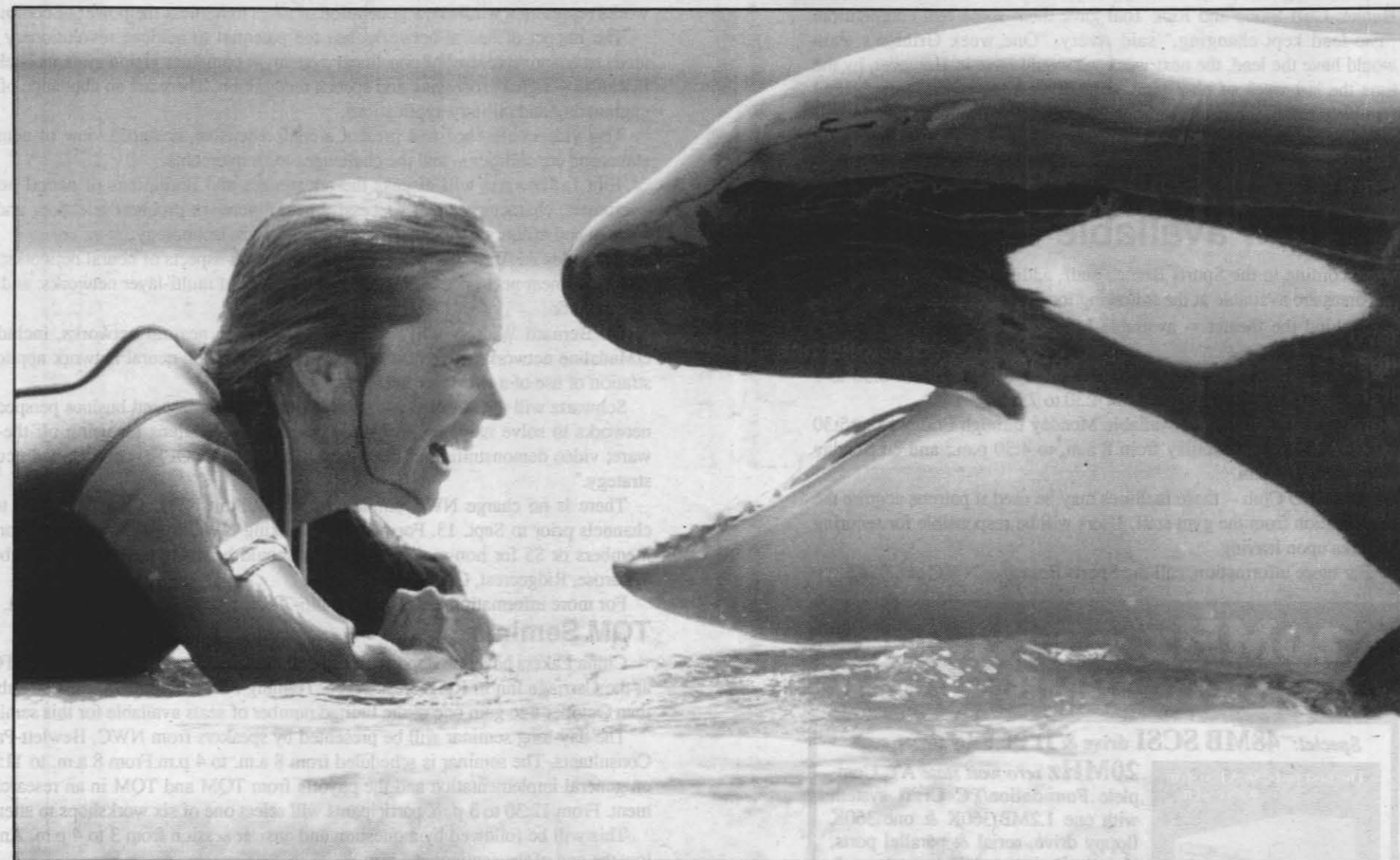
Discount tickets are now on sale at the Information, Ticket and Tour Office, which is located in the CRAFTech building. Regular admission price is \$21 for adults and \$15.50 for children 3-11. With discount tickets, the price is \$16.25 for adults and \$12.10 for children 3-11.



HAMS???--At left, these two dolphins look like they are enjoying themselves as they say hello to their audience. This is just one of the many shows visitors can delight in as they enjoy a day in the sunshine.



CREEPY--No, this isn't "Jaws," but it is one of the sharks that can be seen in the Shark Exhibit at Sea World. Check out the different types of sharks on display while visiting Sea World in San Diego.



Story and photos by Peggy Shoaf

BABY SHAMU FARING WELL--At left, trainer Shawna Corrin shares a moment with Baby Shamu at Sea World in San Diego. Since the loss of her mother Kandu, the calf is adjusting well. Photo by Sea World



PRETTY SIGHT--This water fountain (right) is one of the first of many sights at Sea World.

KIDS WELCOME--Youngsters will especially enjoy strolling through Sea World in one of the specially-designed strollers (left) provided by the park.

