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at the Carriage Inn, 901 N. China Lake Blvd., Ridgecrest, CA

8:30 - 10:30 a.m.

**DEC LanWORKS** for Macintosh Overview  
Product Demonstration

11:00 a.m. - 12:00 p.m.

Digital's Strategy for Desktop Integration  
Network Application Services

1:00 - 3:00 p.m.

Mail Solutions for NWC  
Product Overview and Demonstration

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# 446-3511



# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 39, September 28, 1990

Sept. 28, 1990

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### WEATHER

	Max	Min	Peak Gust
Thurs.	88	64	34
Fri.	88	60	31
Sat.	85	60	18
Sun.	84	55	14
Mon.	86	52	18
Tues.	87	55	20
Wed.	88	56	21

### CalTrans installs four-way stop sign at Richmond Road

Motorists using the Richmond Road gate to the Naval Weapons Center now have a full four-way stop at the intersection of Richmond Road and East Ridgecrest Blvd. (Trona Road). CalTrans officials announced they began installing the four-way stop warning signs on Wednesday morning. This new traffic control system will remain in place at the hazardous intersection until a traffic signal light installation is completed sometime during 1991. The intersection has been the scene of two accidents, one of them a fatal crash, in the past 10 days.

### Uniform item costs going up for new seabag clothing

Prices for government issued Navy uniforms and accessories will increase starting Oct. 1. The new prices for seabag items were established by the Defense Logistics Agency.

Navy enlisted personnel who need or may soon need these issued items may want to consider buying them now in order to save later.

The Navy uniform items available at substantial savings, if purchased before Oct. 1, include men's white jumper, dress shoe, chukka shoe, pea-coat and blue serge trousers; for women, the all weather coat, pea-coat, service dress coat, service hat, blue skirt and blue slacks.

## TARIF: New facility aids tactical aircrew training

Thanks to a \$5 million investment by the Naval Air Systems Command (NAVAIR), a Tactical Air Ranges Integration Facility (TARIF) will soon be on line, supporting Navy Tactical Aircrew Combat Training System (TACTS) ranges world-wide.

TACTS is an extremely sophisticated combat aircrew training system capable of supporting all forms of Navy and Marine Corps air combat training. In point of fact, TACTS (and TARIF) is the technological heart of Navy attack aviation training program. It has also been described as the biggest and best electronic training system ever created.

Currently, changes or improvements to either the software or hardware at these ranges require shutting them down for extended peri-

ods of time. TARIF will change all that. Modifications can be developed, integrated and tested first at TARIF, then installed at the operation site with a minimal down time. By establishing a separate integration capability at NWC, the pressure is taken off operational ranges, whose only involvement becomes the final acceptance tests. A major portion of TARIF responsibilities will be integrating new software and hardware into these ranges.

Mike King, manager of the TARIF Software Support Activity, said the completed project will in essence be "sort of a mini TACTS range at NWC." The only real difference between TARIF and a TACTS range is the number of remote interrogators, which limit the coverage area. Functionally and

operationally, TARIF will be a TACTS range. Beside the software and hardware integration, the project provides configuration management of the software, documentation control, and electronic warfare range simulator integration.

The Naval Air Systems Command (NAVAIR), with Capt. Bob (Ramjet) Ramsey in the lead, initiated work on TARIF. The program has had outstanding and continued support from Capt. Larry Johnson (Ramsey's successor, PMA 248) and Jim Roy (Tactical Air Ranges Branch, PMA 2482) and Carol Livanis (TARIF Project Manger, PMA 2482C).

When TARIF becomes operational, personnel will be able to view the same kind of (Continued on Page 16)



TARIF-Mike King (left) and John Smith check out the look and feel of computerized video displays in the new TARIF facility. The top managers of TARIF at NWC, Smith and King, said everything is on track for a formal ribbon cutting ceremony later this fall. Photo by PH3 Cary Brady

## Five honored by top NWC awards

1990 L.T.E. Thompson & William B. McLean honors presented by Capt. Cook and Bill Porter

Five of the Naval Weapons Center's outstanding employees were honored at a luncheon last Thursday in the Seafarer Club, during which the 1990 L.T.E. Thompson Awards and the William B. McLean Award, two of NWC's most prestigious

awards were presented to China Lakers. The L.T.E. Thompson Award was established in 1956 as the Naval Weapons Center's highest recognition for outstanding individual achievement. The William B. McLean award was established

in 1968 to recognize creativity among employees in furthering the mission of the Naval Weapons Center as evidenced by significant inventions. The Thompson Awards were presented by Capt. Douglas W. Cook, NWC Commander, to Ronald W. Doucette,

James R. Kneppshield, Dr. Edward K. Kutchna, and Dr. Robert W. Schwartz. The honored recipient of the McLean Award was Dr. Arnold T. Nielsen, senior research scientist, Research Department. (Continued on Page 9)



## China Lake Calendar

- Fri. Sept. 28**  
 ... Marine Car Wash, 9 a.m., MAD parking lot.
- Sat. Sept. 29**  
 ... Fall Clean-up and Hazardous Waste Collection Day, 8 a.m.-12 noon., free refreshments will be offered to all participants at the O'Club starting at 12 noon.
- Wed. Oct. 3**  
 ... IEEE 37th Videoconference, 3D Computer Graphics: Construction to Interaction, Carriage Inn, 8:30 a.m.
- Thurs. Oct. 4**  
 ... Graduation luncheon, Seafarer Club, 11 a.m.-1 p.m.
- Mon. Oct. 8**  
 ... Special Navy Birthday Sale starts at Navy Exchange
- Tues. Oct. 9**  
 ... WACOM luncheon meeting, Seafarer Club, 11 a.m.
- Coming Events**
- ... Mini-Triathlon '90, Oct. 13
- ... Navy Birthday Celebration, Oct. 14, Michelson Lab, 11 a.m.-3 p.m.
- ... China Lake Challenge, Oct. 27

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

## Wellness Corner

The last two days of the Wellness Blood Draw are Oct. 2 and 3. Participants must abstain from eating any food or drinking anything other than water for 12 hours before your blood draw. The draws will begin at 7 a.m. The cost for the analysis is \$19. Payment is required at the time of the draw. Make checks payable to MWR-

REC. Appointments may be made on any computer or terminal that will connect you to the SCFC VAX. You do not need an account number. If you have access to another VAX on the network, log on and type "set host scfc". When "user name" appears on the screen, type in Wellness. Options will appear for scheduling or

deleting appointments for the blood draw. If you cannot access the SCF VAX terminal, call NWC ext. 2468 for help.

Oct. 2--CLPL, Bldg. 151, Room 10; contact Marci Burnett, NWC ext. 7330 for appointment

Oct. 2--Public Works, Bldg. 981, Conference Room

Oct. 3--Training Center, Room 114 \*\*\*\*\*

Start preparing for the China Lake Challenge.

Code 28 is sponsoring a co-ed slow-pitch softball tournament on Oct. 20. There can be one team per department. (Continued on Page 10)

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Commander -- CAPT. DOUGLAS W. COOK Technical Director -- WILLIAM PORTER Acting Public Affairs Officer--ALAN C. ALPERS  
 Editor -- STEVE BOSTER Staff Writer -- PEGGY SHOAF Staff Writer--KRISTINE SMITH Photographer -- PH3 CARY BRADY  
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## CFC drive opens on Monday

Fellow China Lakers,

This year it is easy to help make the world "A Better Place." All of us at the Naval Weapons Center can help simply by participating in this year's Combined Federal Campaign. It's the only time each year all federal employees are given the opportunity to show their support for a host of organizations that do make this area, nation and world "A Better Place" to thousands of people each day.

Our contributions and support of CFC efforts ensure these vital agencies are there when our fellow citizens need them most. This support provides hope to many families just like yours or mine. We all know of poignant personal stories from co-workers or friends whose lives have been touched by crises and who have been given hope by a CFC agency. Lives have been saved and lives have been made richer by the services these groups provide in time of need.

Whether you choose a local agency, a national organization, or an international agency to receive your donation, your help will make this "A Better Place". These groups require our assistance so they can assist others.

I believe the decision to give to CFC and the amount you give is a deeply personal individual decision. However, I encourage all members of our China Lake family to read the informational material furnished by department Key Workers and view the videotape explaining the purpose of this annual campaign before making a decision.

This year special recognition will be afforded those employees who give at the new Eagle Giver level. I urge you to consider this possibility as explained by your department Key Worker.

Helping others -- that's the whole purpose of the Combined Federal Campaign. To help make our world "A Better Place," write a check, or elect a payroll deduction and join thousands of China Lakers in helping others. You can talk to your department Key Worker or call Fran Rugg at ext. 6689 if you need more information on how to participate.

*Douglas W. Cook*  
 CAPT DOUGLAS W. COOK, USN



# ROCKETEER CLASSIFIEDS

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NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged, PER ISSUE, as follows:

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 Ads up to 15 lines.....\$8.00  
 Ads up to 20 lines.....\$10.00  
 Ads over 20 lines.....\$10.00 & \$1.00 per line over 20 lines.

CLASSIFICATIONS	
PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

**DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. WEDNESDAY - PRIOR TO FRIDAY PUBLICATION**

### 20 RENTALS

3BR, 2BA, 2-car gar. Fenced back yard, FP, fans, EC/AC. \$750/mo. 1st/last/\$150 sec. dep. 375-4007.

TOWNHOUSE - 2BR, 2 1/2BA, W/D, Pool, SPA, garage. \$650.00/mo. 377-5898, leave message.

Very Spacious 2BR, 1BA with large garage. Near new and spotless. FP and all appliances. Roomy tile kitchen and fenced yard. Pet OK. Trash and pest control incl. \$475/mo. & sec. 375-6307.

### 30 SERVICES

WINDOW TINTING - Auto, commercial and residential. Call Larry at 446-6612.

### 35 AUTOMOTIVE

'86 CAPRICE CLASSIC BROU-GHAM (top of the line) - excellent condition. Garaged. 42,000 miles. Fully loaded, new tire, high blue book \$9455, asking \$7500/OBO. 375-1602.

'86 HONDA INTERCEPTOR 1000R - Special Edition; only 1000 made. 19,000 miles. Good condition. Asking \$1,700. Philip, 446-2482.

'88 BMW 325; conv., loaded, red, 5-speed, low miles, CD player. XLNT cond. 1st \$24,900 gets it. 371-2260.

1984 Ford Escort LX Wagon (compact), factory air, AM/FM cassette, power door locks, roof rack, etc. Clean. \$2300. 446-6326.

### 35 AUTOMOTIVE

1984 Jeep CJ-7. Great Shape. Asking \$6500. 446-1610.

### 40 MISC. FOR SALE

400 CHANNEL programmable SCANNER. Sell at \$300/OBO, or trade for metal detector of equal value. 371-4153 leave message.

Having baby; Must Sell: GE heavy duty 18 washer. New motor; runs great - \$150 invested, will sell for \$130/OBO. Used refrigerator; call for details. Will sell for \$70/OBO. 446-2890, after 5:00 Mon-Thurs, anytime Fri-Sun.

MR. SPA - 250 gal. portable spa. Runs on 110. \$750. 446-6990, leave message.

### 45 GARAGE SALES

MOVING SALE - Tools, router-recreator, oak entertainment center, king-size hide-a-bed, queen bed, lamps, encyclopedias, misc. 446-6326, 325 Perdw Ave.

### 55 REAL ESTATE

FOR SALE BY OWNER: 2BR, 2BA Beauty in Heritage Village. Fully Lndsc., easy maint. front & back yds. Located on quiet cul-de-sac near park. Beautiful custom curtains, has util. room inside. Must See!! Fully assum. FHA. \$89,900. Call 446-7200, leave message.

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Ad GRUFF

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- ALL FUTURE COLAs set at CPI minus 1%
- Elimination of LUMP-SUM option
- Reduced FEHB and MEDICARE benefits

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Hon. Alan Cranston Rm. 112 Hart Bldg. Washington, D.C. 20510 Ph. (202) 224-3653	Hon. Pete Wilson Rm. 6217 Dirksen Bldg. Washington, D.C. 20510 Ph. (202) 224-3121	Rep. Bill Thomas Rm. 2402 Rayburn Bldg. Washington, D.C. 20515 Ph. (202) 225-2915
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 (\*) Call Western Union 1-800-257-4900, Operator No. 9772. A NARFE generated message will be sent to each Congressman above in your name for \$7.25.  
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**375-4407**  
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Catering For All Occasions  
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TIVOLI CENTRE  
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**ACTIVE MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE!**

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**\$1 BEERS**  
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8 Beers on Draft Served In Ice Cold 20oz. "Schooner Glasses"

**PRIME TIME In Sandpipers**  
*Twilight Dinner Special*  
**Prime Rib and Shrimp \$9.95**  
Tender, juicy Prime Rib and succulent Shrimp Scampi with all the fixin's.  
Served 5-7 PM daily  
**Carriage Inn**  
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**\$1.00 Off**  
**Bigger Bite Club Sandwich**  
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**Blimpie** 1028 N. NORMA FAX- 446-3867 446-6969

**Marine Aviation Detachment (MAD) gains new Commanding Officer**

Accomplishing the unit's mission and looking after the health and welfare of troops under his command are the primary goals of Col. Jerald R. Agenbroad at the Naval Weapons Center as the new commanding officer of the Marine Aviation Detachment (MAD). In addition to taking over the duties of Col. Barry Banks, MAD's former commanding officer, Col. Agenbroad assumes the responsibilities of the Deputy Commander for Marine Corps Programs at China Lake. He reported for duty on Sept. 4.

While performing his dual roles, Col. Agenbroad hopes to create a happy Marine family at China Lake and effectively integrate Marine concerns and requirements into the weapons development being conducted at NWC. As MAD's commanding officer, Col. Agenbroad is responsible for 47 active duty Marines distributed throughout the Naval Weapons Center. In addition, the detachment is responsible for 45-60 Marines who are at China Lake on a temporary basis. He noted there are currently a number of Marines attached to MAD while working on the Light Armor Vehicle Air Dense Program.

As Deputy Commander for Marine Corps Programs, Col. Agenbroad is a liaison and advisor to Capt. Douglas W. Cook, NWC Commander, in regard to Marine requirements and needs in weapons development. "Neither billet is more important than the other," said the MAD commanding officer. "Both have an important role and function." He was commissioned a second lieutenant in the Marine Corps through the Platoon Leadership Class (Aviation) Program in 1967. After receiving his wings in 1968, he joined VMA-214, El Toro, Calif., for tactical training in the A-4. Upon completing his training, Col. Agenbroad was assigned to VMA-211 in Chu Lai, Republic of Vietnam, followed by a return trip to El Toro. In 1973, he attended Amphibious Warfare School with a follow-on assignment to MAG-32 at Beaufort, South Carolina, where he worked in group operations and as VMA-331 assistant operations officer.

From 1974 until 1977, Col. Agenbroad taught at the Landing Signal Officer School at Pensacola, Florida. During that time, he was also a flight instructor for VT-4.

In June 1977, the Marine colonel was reassigned to VMA-214, where he served as the operations officer for a one-year WESTPAC tour. He was then ordered to the newly created

Marine Aviation Weapons and Tactics Squadron 1 at Yuma, Arizona, where he served as Fixed Wing Branch head.

In 1981, MAD's newest officer was ordered to III MAF in Okinawa, Japan, where he served as the G-3 Plans officer. Following that assignment, he proceeded to Maxwell Air Force Base, Alabama, where he attended the Air War College.

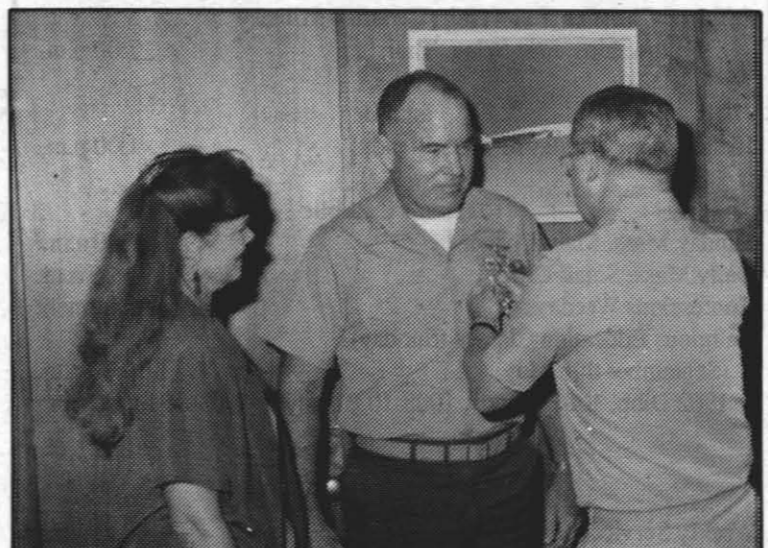
Upon completion of his studies, Col. Agenbroad was sent to the Chief of Naval Operations staff as the program coordinator for the United States Marine Corps air launched weapons. Prior to coming to China Lake, and following his promotion to his present rank, the new colonel was assigned as the deputy director for Interoperability, C412 Department, Headquarters, United States Marine Corps.

Col. Agenbroad has a bachelor of science degree in math from the University of Idaho and bachelor and master of arts degrees from Webster University.

His personal decorations include the Purple Heart, Defense Meritorious Service Medal, Legion of Merit Award, Meritorious Service Medal, Air Medal (5), and the Naval Commendation Medal.

The colonel and his wife, Helen, have one daughter, Heidi Louise, a student at the University of Arizona.

**Distinguished Navy's Legion of Merit medal presented to Marine officer**



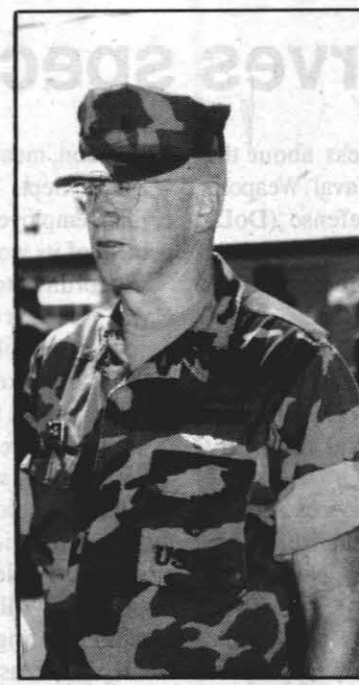
**STARTING OFF ON THE RIGHT FOOT--Helen Agenbroad watches as Capt. Douglas W. Cook, NWC Commander, pins the Legion of Merit medal on her husband, Col. Jerald Agenbroad, who has just arrived at NWC as the Marine Aviation Detachment's new commanding officer.**

Superb organizational skills, dynamic direction and inspiring devotion to duty while serving as the deputy director, Interoperability Division, Headquarters Marine Corps from January 1989 to June 1990 brought one of the Navy's top awards to Col. Jerald Agenbroad, commanding officer, Marine Aviation Detachment, Naval Weapons Center. Capt. Douglas W. Cook, NWC Commander, had the honors of presenting the distinguished officer the Legion of Merit Award this past Tuesday.

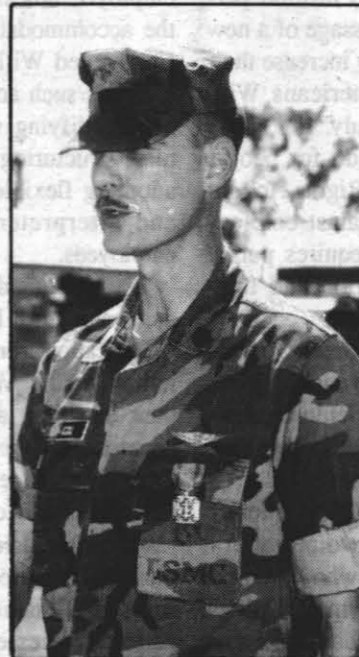
While working in the Command, Control, Communications, and Computer, Intelligence and Interoperability (C412) Department, Col. Agenbroad distinguished himself by his dynamic and methodical approach to (Continued on Page 11)



**Sgt. Shaun T. Self**



**Master Sergeant Stanley E. Deek**



**Gunnery Sergeant Dan T. Boone**

**Semper Fi: Three Marines gain recognition**

Professional achievement and sustained superior performance earned honors recently for three Marines attached to the Marine Aviation Detachment, Naval Weapons Center. The three honorees were Gunnery Sergeant Dan T. Boone, Sergeant Shaun T. Self and Master Sergeant Stanley E. Deek.

Extensive technical knowledge, resourcefulness and aggressive spirit while assigned to NWC's AH-1W Weapons Systems Support Activity resulted in a Navy Achievement Medal for GySgt. Boone. "His technical assessments of proposed changes to the AH-1W airframe were key factors in the decision making process," the citation accompanying the award stated. "His close liaison with Fleet units, Naval Air Systems Command and Bell Helicopters proved vital to obtaining technical information." By establishing an automatic data processing section for the Support Branch of Air Test and Evaluation Squadron Five (VX-5), GySgt Boone was able to provide technical assistance for the AIM-9 Wing Arm Fire RAMEC and ALE-39 Dispenser projects. He was also praised for his active involvement in MAD activities and dynamic leadership of its color guard.

Being responsible for highly accurate orders and pay, despite a significant growth in the mission of the detachment, earned MAD's unit diary and orders clerk, Sgt. Self, a Navy Achievement Medal. "His superior knowledge of the Unit Diary and Disbursing systems, and his ability to work quickly without supervision were key factors in the accomplishment of our mission," stated Col. Barry Banks, former MAD commanding officer in the citation accompanying the award. "He established close working relationships with the Marine Corps Finance Center and the Navy Personnel Support Detachment to ensure Marines here received the best administrative support available. . . . His superb professionalism, dedication to duty and unfailing loyalty during this challenging period reflected great credit upon himself, the Marine Corps and the United States Naval Service."

Sgt. Self was also credited for devoting many off-duty hours to the Color Guard and community affairs. (Continued on Page 9)





**Yom Kippur: The Jewish Day of Reflection**  
Sunset on Saturday, Sept. 29, marks the end of the 10 most solemn days of the Jewish year. Rosh Hashannah, observed last week, welcomed in the new year. The recognition and celebration of all Creation was integral to that holiday. Rosh Hashannah is followed by days of reflection over our individual roles and actions in the world. We take the time to review the past year and to reset our goals for our own behavior in the coming year. We have arrived at the climax of that process: Yom Kippur.

Yom Kippur is the single, most signifi-

cant day observed by Jews. It is a day complete with the realization of our human frailty in comparison to the power of God. We look our mortality directly in the face, and evaluate our existence. This powerful process of self-evaluation is accompanied by an affirmation of the inherent worth of human life. We recognize our shortcomings, but we also reaffirm the potential of our lives.

The potential of life is central to Yom Kippur. An ancient Jewish commentary on the Biblical story of creation focuses on the creation of one human being as the ancestor for all of humanity. This mode of creation is elaborated upon in two ways. First, we are told that all humanity has one common ancestor so that none of us will ever be able to claim supremacy over any other person. We all come from the same roots. We are all of equal worth as members of humanity. Second, this commentary stresses that each human being is one of

God's works of creation. This emphasis leads the tradition to state that the taking of, or saving of, any human life is equal to saving an entire world. On Yom Kippur, we reflect on the equality of worth and potential of all humanity. Our tradition values human life as one of its highest priorities.

This view of human value and potential causes a split in the focus of the holiday, Yom Kippur. Yes, Yom Kippur is a day of worshipping God, but it is also a day centered on the human spirit. The very Hebrew name, "Yom Kippur," can be translated as the "Day of Atonement." We are asked to end our period of reflection with an intense self-evaluation. The concept of atonement is the crux of the whole holiday and process of repentance. It is not a simple process of asking God, or people, for forgiveness. Atonement involves recognizing one's misdeeds, facing up to them, discussing them with those we have

been wronged, and learning from them to move on in life. Real atonement is not a personal act of feeling better by one's self. The atonement, which is the goal of Yom Kippur, involves reflection, evaluation and the restoration of one's communal bonds. The act is an individual process focused towards harmony with one's community and the world.

Yom Kippur calls upon Jews to turn towards a new year with renewed faith, focus and energy. We are asked to recognize our potential and the opportunity of each day. medieval Jewish thinker gave us a formulation which can help make this concept concrete and workable. This thinker wrote that "days are scrolls, write on them only what you want remembered."

I hope the coming year's scrolls will be filled with productivity and self-fulfillment for all of us.

By Andrew Busch  
Student Rabbi

**Disability Employment Awareness**

**NWC observes special month**

In an effort to increase awareness about the rights of disabled Americans, the Naval Weapons Center will join Department of Defense (DoD) installations worldwide in celebrating October: National Disability Employment Awareness Month. To commemorate the event, NWC's Handicap Program Office, Equal Opportunity and Employment Division, Human Resources Department, will publish a series of articles in the *NWC Rocketeer* during the month and offer two special disability awareness classes.

Diane Bristow, a Rehabilitation Services Administration trainer from the Office of Disabled Student Services at California State University, Northridge, will present *High Tech Aids For Disabled Employees* on Oct. 9 from 12:30 to 4 p.m., while Dr. Charles Wall and Joan Beringer, employees with Project Employment, Bakersfield College, will present *Employability of Persons With Disabilities* on Oct. 11 from 9:30 to 11:45 a.m. Classes will be conducted on a walk-in basis at the Training Center.

This year, America's estimated 43 million persons with disabilities can mark the passage of a new law which is expected to substantially increase their employment opportunities. The Americans With Disabilities Act went into effect last July.

Advocates say the new law will do for people with disabilities what the 1964 Civil Rights Act did to protect minorities and women against employment discrimination. The law also requires public accommodations, public transportation and telephones be accessible to them.

While DoD civilians and other federal workers are already protected by stronger provisions, Frank Cipolla, deputy assistant secretary of defense (civilian personnel) feels the law will "create a momentum to benefit all Americans with disabilities."

Last year, Secretary of Defense Dick Cheney committed DoD to a special goal -- two percent of the civilian work force will be people who have disabilities targeted by the Equal Employment Opportunity Commission for emphasis in federal affirmative action plans. These disabilities include complete or partial paralysis, deafness, blindness, missing extremities, distortion of limbs or spine, mental

retardation, mental illness and convulsive disorders.

As of Sept. 30, 1989, DoD had almost 12,000 civilian employees with targeted disabilities, or 1.21 percent of its work force.

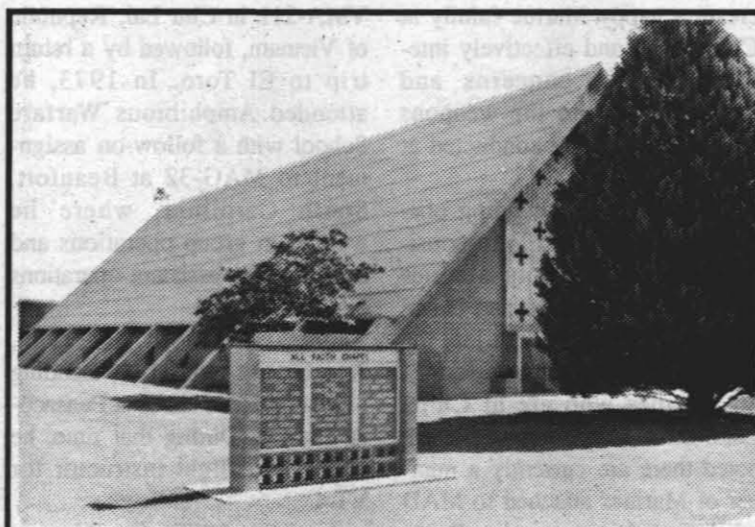
According to Socorro Ramirez Williams, the Naval Weapons Center's Handicap Program manager, civilian employees at China Lake with targeted disabilities makes up 1.6 percent of the work force, a figure well on the way in making Cheney's goal.

Part of the reason for NWC's success rate is the Center's policy to give full and meaningful consideration to employment and selective placement of qualified handicapped individuals, making decisions based solely on their abilities and not their disabilities, Williams noted. "Continued efforts and success in hiring the disabled will help expand the Centers' role as a model employer of the handicapped," she concluded.

The Center is required to make reasonable accommodations to any known physical and mental limitations of a qualified handicapped applicant or employee unless the Center can demonstrate that the accommodation would impose an undue hardship, noted Williams. Reasonable accommodation includes such actions as making facilities accessible, modifying work sites, adjusting work schedules, structuring jobs, providing assistive devices, adopting flexible leave policies, providing readers and interpreters and reassigning or retaining employees.

To be considered for the Handicap Program, applicants must be referred with a letter of Medical Certification from the State Department of Rehabilitation or the Veteran's Administration certifying their disability and any special accommodation(s) necessary for the disabling condition. The Handicap Program manager then reviews each application and as vacancies occur, refers selected individuals for placement consideration. "Persons with disabilities must be qualified for the employment they seek," stressed Williams. "This means they must be able to perform the essential functions of the job with or without special accommodations."

For more information about the handicap program and NWC, call Williams at NWC ext. 3317.



**Divine Services**

<b>Protestant</b>	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
<b>Islamic</b>	
Jumaa Prayer (Friday at 1006 Blandly)	1:00 p.m.
<b>Roman Catholic</b>	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions Weedays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher	
<b>Jewish</b>	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandly)	9:00-10:00 a.m.
Religious Education (Sunday at 1004 Blandly)	9:00 a.m.-12 noon
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT. CHC, USNR	
Andy Busch, Student Rabbi	
Hearing Impaired Equipment, Nursery Available	
Phone NWC ext. 3506, 2773, 2873	

**Community Events**

Community Light Opera Theater and Association Inc., presents "*Sweeney Todd, the Demon Barber of Fleet Street.*" This will be CLOTA's last show of the 1990 season. The musical thriller opens Sept. 28-29, and runs Oct. 5, 6, 12 & 13. Curtain time is 7:30 p.m., at Burroughs High School. Prices run \$8 for General Admission, \$6 for students, senior citizens, and active duty military.

Today and tomorrow (Sept. 28-29), the Women's Action Circle Organization will hold a rummage sale at the Ridgecrest United Methodist Church, 639 N. Norma Street, from 8 a.m. until noon.

Santa Fe Grill (901 N. Heritage Drive) is sponsoring a special brunch to benefit the IWV Chapter of The American Lupus Society on Sunday, Oct. 7, from 10 a.m. to 2 p.m. Regular and brunch menus will be offered. For more information, contact Ruth Kneppshield, 375-8059.

**Muscian Paul Hurst entertains members at WACOM luncheon**

Paul Hurst will entertain members and guests during the next meeting of the Women's Auxiliary of the Commissioned Officers' Mess (WACOM). Slated for Oct. 9 at the Seafarer Club, a social hour at 11 a.m. will start off the event. A luncheon meeting and program will follow. WACOM members may make reservations for themselves and their guests by calling Minnie Miller at 375-9600 or Ingrid Zellmer at 446-6170.

Hurst's music reflects the vibrancy of youth as well as the studied craft of an experienced musician. He has been noted for his creative ability to move and excite his audiences with his acute sense of musical expression, both on the piano and harp. He performs regularly in the Los Angeles and Las Vegas areas and has recorded for television and records.

Don't miss out on this exciting event!

**Steamer for senior citizen's nutrition project breaks**

Disaster has struck the Senior Nutrition Project. The steamer in the Senior Center's kitchen has given up the ghost. A new one will cost \$10,000. While senior citizens in the valley offer a number of fundraising events to offset Federal and State budget

cuts, \$10,000 is more than they can raise. The Senior Citizens Group would like to know if anyone has any ideas or knows anyone who has an excess steamer? If so, please call H. S. Eastman at 446-5327.

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# Variety of training classes scheduled on-Center

Following are upcoming classes being offered by the NWC Training Center. To enroll in any of the classes, simply fill out a training request (NWC 12410/73) and send it to the Human Resources Development Division (Code 224) via department channels.

### Security Training for Supervisors (12 hours)

Oct. 16-18, 0800-1130, Training Center. By Lyn Wilson.

Scope: All supervisors now have security as a critical element in their performance plans. OPNAVINST 5510.1H, the Navy Information and Personnel Security Program Regulation, requires that supervisors must assure themselves that subordinates know the security requirements impacting on the performance of their duties.

This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security (COMSEC), information security, personnel security and badging, computer security (COMPUSEC), physical security, operation security (OPSEC) and security education and assistance. For more information, call NWC ext. 2675.

Deadline: October 10.

### Security Coordinator Training (24 hours)

Oct. 31-Nov. 1, 0800-1430, Training Center. By Lyn Wilson.

Scope: This class will provide a working knowledge of classification management, downgrading, declassification, marking, access, control, dissemination, transmission, accountability, storage, destruction, custody control point procedures, security violations, security education, operations security, communications security and computer security.

Deadline: October 19.

### Introduction to TQM for Clerical Personnel (4 hours)

Nov. 1, 0800-1130, Training Center. By Code 012.

Scope: This class is designed to introduce Total Quality Management Concepts to clerical personnel with a slant towards how TQM principles can be implemented in their work place.

Deadline: October 24.

### Security for Scientists, Engineers and Technicians (11 hours)

Nov. 13-15, Tuesday-Thursday; 0800-1130, Training Center. By Code 24.

Scope: This class will familiarize scientists, engineers and technicians with the Department of the Navy and NWC information, personnel, computer, operations and computer security programs. The class will include procedures and requirements for distribution statements, public disclosure and classified meetings.

dures and requirements for distribution statements, public disclosure and classified meetings.

Deadline: October 30.

### Telephone Techniques (for all employees) (8 hours)

Nov. 8, 0800-1400, Training Center. By Lyn Wilson.

Scope: In this course, you should learn how to save time, identify and personalize each call, listen more effectively, make courtesy work for you, screen calls, handle multiple calls, handle the difficult caller, relieve stress, be at your professional best at all times and much more.

Deadline: October 31.

### Basic Naval Writing for Beginners (12 hours)

Nov. 13 from 0800-1600 and Nov. 14 from 0800-1130, Training Center. By LaNelle Thompson.

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

Deadline: October 31.

### Official Naval Correspondence

Nov. 14 from 1230-1600 and Nov. 15 from 0800-1600, Training Center. By LaNelle Thompson.

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

Note: Please bring copy of SECNAVINST 5216.5C (Correspondence Manual) dated Aug 83 to this class.

Deadline: November 1.

### Custody Control Point (CCP) Procedures (12 hours)

Nov. 27-29, 0800-1130, Training Center. By Code 243.

Scope: This class includes a discussion of CCP responsibilities, duties and procedures. This "hands-on" class will cover classified document control, accountability procedures, custodial responsibilities, transmittals, markings/wrappings/addressing packages, accounting procedures, reproduction and distribution. There will be opportunities to share problems, methods of resolving them and "good ideas" that work for you.

Deadline: November 13.

### Introduction to TQM for Clerical Personnel (4 hours)

Nov. 7, 0800-1130, Training Center. By Code 012 personnel.

Scope: Designed to introduce Total Quality Management concepts to clerical personnel with a slant towards how TQM principles can be implemented in their work place.

This class was previously advertised as Nov. 1. Employees who have already submitted training requests for Nov. 1 need not reapply. They will be considered as applying for the Nov. 7 class.

Deadline: October 24.

## TARIF facility going on line

(Continued from Page 1)

video playback they do at full-up TACTS ranges such as at the Naval Strike Warfare Center, Fallon, Nev. All components of a TACTS range will be present.

The Airborne Instrumentation Subsystem is a pod, shaped a lot like a Sidewinder. It monitors and provides to TARIF computers behavior factors of aircraft using the range, including real-time data on airspeed, simulated weapons status, altitude, angle of attack and more.

The Tracking Instrumentation Subsystem (TIS), has the capability of communicating with up to 36 high-performance aircraft instrumented with AID pods.

The Control and Communications Subsystem (CCS) consists of six high-speed digital processors that perform computations to determine simultaneously aircraft positions, weapon trajectories and impacts, and probability of kill for 36 aircraft, 30 simulated electronic warfare threats and 50 simulated weapons.

Display and Debrief Subsystem (DDS) is capable of processing and displaying real-time information about the engagement, kills and weapon releases. In addition, data will be recorded for post flight analysis and displayed so pilot and aircraft performance can be reviewed.

All the systems are installed and initial operating capability is expected soon. A grand opening of TARIF is planned for September with representatives from NAVAIR joining NWC officials for the formal ribbon cutting at the new facility located near Thompson Lab.

Capt. Robert Kapernick, NWC's deputy laboratory director, recently flew the first test flight for the TARIF facility. The flight by Capt. Kapernick was a full success.

The TARIF Technical Management Office is in the Radar and Threat Technology Division of the Aerosystems Department. John Smith is the program manager.

# MHIP unit earns the Team Award

Four China Lakers earned the Naval Weapons Center Team Award for their outstanding efforts as members of the Missile Homing Improvement Program (MHIP) Seeker Survey Team. Sandy Rogers, head of the Intercept Weapons Department, nominated John W. Joyner, Roy M. Kartzmark, Noel D. Gravelle and Jimmie McCalester for the honor. The foursome received the award from Capt. Douglas W. Cook, NWC Commander, on behalf of himself and Bill Porter, NWC Technical Director.

The Seeker Survey Program was a critical element of the MHIP technical planning process, noted Rogers. This was a multi-laboratory and industry endeavor for determining the requirements for the MHIP Common Seeker. This included validating those requirements against available near-off-the-shelf technology, then providing alternatives and recommendations.

The recommendations of this team were endorsed by a high-level Navy committee and were the basis for MHIP acquisition strategy.

Gravelle of the Fuze Sensor Systems Division of Code 39, chaired the seeker survey team. Joining him as NWC members were Joyner from the Advanced Signal Processing Branch; Kartzmark of the Sparrow Project Office; and McCalester, head of the Radio Frequency Guidance Division.

In commending the team for a job well done, Capt. Cook noted the team also validated the MHIP preliminary design review baseline against the original requirements. The Center commander praised winners of the Team Award for their "outstanding professionalism" and personal dedication to the team effort.



**TEAM AWARD WINNERS**—Roy Kartzmark, John Joyner, Noe Gravelle and Jimmie McCalester are flanked by Capt. Douglas W. Cook, NWC Commander and Sandy Rogers, head of the Attack Weapons Department after receiving the NWC Team Award for Technical Accomplishment. Photo by PH3 Cary Brady

**MIPI OFFICE: Code 0121**  
**E-Mail: SCF::MIPI**  
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### DEMONSTRATIONS

- Imaging Solutions (KB Vision, Dataviews)
- Data Acquisition Solutions (Laboratory Workbench)
- Vibration Analysis/Signal Processing Solution (Spectral Dynamics IStar)

**When: Wednesday, October 3, 1990**  
**Time: 9:00 a.m. - 12:30 p.m.**

**Where: NWC SeaFarers Club**  
 Building #1384  
 Corner of Blandy & Hussey, Ballroom

**For Additional Information Call Dave Cook or Darlene McDaniel - (714) 832-2010**

## NPPSD has vacancy at China Lake

The Navy Publishing & Printing Services Detachment Branch Office, located at the Naval Weapons Center, is looking to fill the following vacancy.

No. E90-632(EM), Copier/Duplicator Equipment Operator, GS-350-3/4, Code 8300 -- Sets up, adjusts, monitors and operates electrostatic duplicators, diazo reproduction machines, microfilm equipment, off-line electronic page printing equipment; performs bindery operator duties. Submit SF-171 to the Navy Publishing & Printing Services Detachment Branch Office, located in Building 1041.

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may be needed:		80MB HDD w/controller	449
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# Sue Pryor: 45-years later, she still finds challenge and enrichment at China Lake

Only one person at the Naval Weapons Center has a lower pay number than Sue Pryor, who just passed 45 years of employment at China Lake. The changes she has seen during her NWC career make her an expert on realignments and reorganizations. But through it all the one constant has been Sue's dedicated service to her country.

NWC Commander Capt Douglas W. Cook, presented Sue, now working in, Public Works Department's Administrative Division (Code 2612), with her 45 year NWC pin at a recent Commander's Meeting.

Pryor, who has been with NWC her entire 45 years of government service, has seen tremendous changes in the Indian Wells Valley and the base. According to Sue, the growth in building structures, personnel employed by the base and sophisticated technology has been phenomenal. "I remember when the Indians used to camp outside the base gates assembling and trading their goods to employees on their way to work...People don't believe me when I tell them this, but it's true."

Sue's career with the base has been one of constant motion. She began in May of 1945 with the Supply Fiscal Department, which was abolished in December of 1955. She then went on to work with Central Staff until July of 1969. Her return to Supply in September of 1969 lasted until Supply went under contract in February of 1983. It was then to the Fuze and Sensors Department, until its abolishment in October of 1989. Reflecting on the number of departments abolished while she worked in them, Sue stated, "I think they were trying to tell me something, but I just wouldn't listen."

Sue anticipates staying with the Public Works Department until she decides to retire or, Center officials decide to abolish this department as well.

Possessing a meek and unassuming personality, Sue doesn't like to brag about herself or her lengthy tenure at NWC. She reflects on her 45 years of service humbly, saying, "I've never done anything outstanding...I've just done my job."

## Edwards sets October 6 air show

Edwards Air Force Base will open its gates to the public on Saturday, Oct. 6, for Air Force Flight Test Center's (AFTC) annual open house and air show.

Retired Air Force Brigadier General Chuck Yeager will start morning and afternoon aerial exhibitions with the traditional sonic boom in an F-4 Phantom II.



**LONGEVITY--Sue Pryor receives her 45-year NWC Service award from Capt. Douglas W. Cook, Center Commander.**

## Radar enforcement continues

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations. According to Kerry B. Swiggum, CLPD traffic manager, areas of concentration for radar

traffic enforcement for next week are listed below.  
 •Monday -- Randsburg Wash Road.  
 •Tuesday -- Inyokern Road.  
 •Wednesday -- Blandy Avenue.  
 •Thursday -- Richmond Road.  
 •Friday -- Burroughs Avenue.



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# Secretarial opportunities are available to DoD people at NWC

(Continued from Page 14)

Secretarial Manual (SECNAVINST 5216.5C) is essential. Incumbent must be able to independently plan and schedule high level meetings and agendas, manage calendars, and have a thorough working knowledge of NWC and Navy organizational structure and its operations. The incumbent must be able to interface effectively with all level of DoD military, civilian, and industry management and must be able to obtain a Secret clearance. **Job Relevant Criteria:** Ability to compose correspondence and/or prepare technical reports; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

**No. 28-015, Secretary (Typing), DG-318-2, Code 2832 - Incumbent**

provides secretarial, administrative support to Head, Management Analysis Branch, branch analysts. Basic skills in telephone etiquette, writing routine correspondence and knowledge of official naval correspondence format, Center organization, and administrative operations is highly desirable. Hands-on experience with Macintosh computers is desirable. Promotion potential to DG-2.

**No. 28-28-017, Secretary (Typing), DG-318-1/2/3, Code 286 - This position is located in the Accounting Division in the Office of the Comptroller. Incumbent provides secretarial support to the Division Head, Administrative Officer and two branches. Knowledge/working skill on the Macintosh PC is desirable. Promotion potential to DG-3.**

**No. 30-010, Secretary, DG-318-2/3, Code 306 - Incumbent will provide secretarial support to the Advanced Technology Support Pro-**

gram of the Weapons Planning Group. Knowledge and working skill on the Macintosh PC is desirable. Applicants must be able to obtain and maintain a Top Secret clearance based on a Special Background Investigation. Promotion potential to DG-3.

**No. 31-046, Secretary (Typing), DG-318-1/2, Code 3112 - The incumbent will provide secretarial**

and administrative support to the A-6/GSSF Facility Branch. Knowledge and working skill on the Macintosh PC is desirable. Full performance level for this position is DG-2. Area of consideration for this position is limited to the 03 Directorate. Previous applicants need not reapply.

**No. 36-018, Secretary (Typing), DG-318-1/2, Code 3686 - Area of consideration is limited to the 03**

directorate. This position is located in the Reliability/Maintainability Branch, Engineering Department. Knowledge of SECNAVINST's 5216.5C and 5210.11D, NWC correspondence procedures, and travel regulations required. Experience with Macintosh II is desirable. Promotion potential to DG-2 but not guaranteed. Previous applicants need not apply.

## Filemaker class offered

**Filemaker on the Macintosh** will be offered by the NWC Training Center three different times in the next couple of months.

The 16-hour class, slated for Oct. 18-19 from 8 a.m. to 4 p.m., will be taught by Daryl Vaughn. This class will teach the fundamentals of **Filemaker**, as well as include hands-on exercises.

Vaughn is also scheduled to teach the class slated for Oct. 29-Nov. 1 from 8 to 11:30 a.m. This 14-hour class will also include hands-on exercises.

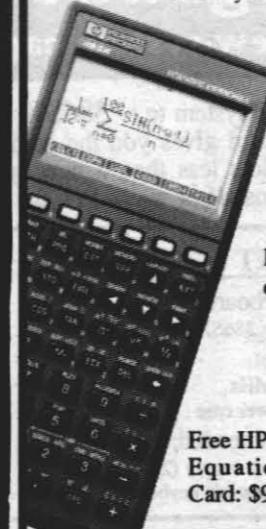
The Nov. 8 class is an 8-hour course and will only cover the essentials of the program. Class time is from 8 a.m. to 4 p.m. Intended for beginning users of **Filemaker**, participants must have already taken the Intro to

Macintosh class. The course will cover the file structure overview - files, records, fields; managing information overview; creating/opening/closing/copying files; defining fields -- types and options; adding/editing information; finding and sorting information; layouts/arranging information; formats in layouts; printing; and exchanging information between files/applications.

To register, submit an NWC Form 12410/73 via departmental channels to Code 224. All enrollments will be handled on a first-come, first-served basis.

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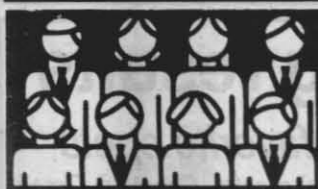
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# Personnel News & Notes

## Promotional opportunities

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

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

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

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on 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. 26-032, Maintenance General Foreman, WS-4701-15, Code 2641 - This is a temporary promotion NTE 1 year. May be made permanent without recompetition. Position is Head, Construction Branch, Maintenance Utilities Division, Public Works Department. Incumbent supervises through subordinate supervisors approximately 115 employees involved in construction shops, project range support, substations, and power distribution. Performs the full range of supervisory duties and responsibilities. Job Relevant Criteria:** Ability to supervise through subordinate supervisors; ability to plan and organize work; knowledge of different relevant lines of work; ability to work with others; ability to meet deadline dates under

pressure; ingenuity (ability to suggest and apply new methods); and knowledge of affirmative action principles and a willingness to implement EEO practices. Full performance level: WS-15. May be required to complete a one-year supervisory probationary period. **SUPPLEMENTAL FOR MAINTENANCE GENERAL FOREMAN REQUIRED.** Corrects Code from 2642. Previous applicants need not reapply.

**No. 28-018, Supervisory Computer Specialist, DP-334-3/Supervisory Program Manager, DP-340-3, Code 2843 - This position is that of Branch Head, Computing Systems Branch. The branch manages, operates, and maintains the Administrative Computing Center. This includes the computer facility and the**

hardware used in support of the corporate financial, payroll, plant account equipment, and other administrative systems under the cognizance of the department. The incumbent provides overall direction, coordination, and management of branch activities and is responsible for the management of the Administrative Computing Center Service Cost Center. Incumbent must have willingness to implement EEO practices and a commitment to the implementation of continuous improvement (TQM). **Job Relevant Criteria:** Knowledge of affirmative action principles; knowledge of computer operations; knowledge of ADP security regulations and procedures; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a program; ability to prepare and execute a budget for a service cost center. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3.

**No. 28-019, Supervisory Computer Scientist/Mathematician/Physicist / Electronics Engineer, DP-1550/1520/1310/ 855-3, Code 2843 - This position is that of Branch Head, Computing Systems Branch. The branch manages, operates, and maintains the Administrative Computing Center. This includes the computer facility and the hardware used in support of the corporate financial, payroll, plant account equipment, and other administrative systems under the cognizance of the department. The incumbent provides overall direction, coordination, and management of branch activities and is responsible for the management of the Administrative Computing Center Service Cost Center. Incumbent must have willingness to implement EEO practices and a commitment to the implementation of continuous improvement (TQM). **Job Relevant Criteria:** Knowledge of affirmative action principles; knowledge of computer operations; knowledge of ADP security regulations and procedures; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a program; ability to prepare and execute a budget for a service cost center. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3.**

**No. 36-019, Supervisory Engineering Technician, Supervisory Electronics Technician, DT/DP-802/856-3, Code 3641 - Area of consideration is limited to the 03 directorate. This position is head of the Metrology Branch, Engineering & Production Processes Division, Engineering Department. The incumbent supervises organizational functions which are predominantly technical in nature. The primary focus of the time is devoted to directing and actively participating in the technical**

tasks of the personnel being supervised. Incumbent plans, schedules, budgets, coordinates and conducts phases of technical work of considerable scope and complexity. **Job Relevant Criteria:** Knowledge of metrology and calibration services; knowledge of safety practices; knowledge of NWC personnel policies and procedures; willingness to support NWC EEO policies and goals. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Previous applicants need not apply.

**No. 36-022, Supervisory Quality Assurance Specialist, Supervisory Engineering Technician, Supervisory Electronics Technician, DS/DP-1910-3, DT/DP-802/856-3, Code 368 - Area of consideration is limited to the 03 directorate. This position**

is head of the Soldering Technology Branch in the Product Assurance Division. The Division is responsible for providing product assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. **Job Relevant Criteria:** Ability to supervise a large branch through subordinate section supervisors; knowledge of the Product Assurance disciplines; ability to communicate orally; ability to communicate in writing; ability to interface effectively with both on and off-center management; willingness to support Federal EEO program goals and objectives. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3 but not guaranteed. Previous applicants need not apply.

## 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. 31-073, Interdisciplinary (Electronics Engineer/ Physicist), DP-855/1310-2/3, Code 3158 - This position is in the Target Recognition Branch, Targeting and Fire Control Division, Aircraft Weapons Integration Department. Incumbent will perform applied research and develop software algorithms for automatic target recognition from radar sensor data. Incumbent may utilize traditional**

pattern recognition, neural net and/or artificial intelligence techniques for performing signal and image processing to perform target feature extraction and discrimination. Three to five years experience in signal processing with background in radar sensors and ability to program in FORTRAN and C is preferred. To apply send an SF-171 to, A. Campbell, Code 3158, NWC ext. 3531.

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

**No. 05-002, Secretary (Typing), DG-318-4, Code 05 - This position provides secretarial and administrative support to the Quality and Pro-**

ductivity Improvement Director. Experience with the requirements of the Department of the Navy (Continued on Page 15)



Sponsored By: PC Lab, Code 2703 NWC ext. 6651  
Who do I call to get my PC repaired?

Through the PC Lab, there are hardware maintenance contracts in place that provide simple solutions to a wide variety of personal computer services. There are five main equipment categories under these contracts: 1) Apple computers and compatible peripherals; 2) IBM and compatible personal computers and peripherals, including Big Blue, Compaq, Zenith, etc.; 3) Hewlett-Packard hardware; 4) Miscellaneous brands of printers, including Epson, Citizen, Panasonic, etc.; 5) XEROX hardware. The number for service is NWC ext. 2575.

You will need to have the following information available when you call the PC Lab Service desk: Your name, bar code number from equipment, make, model and serial number of equipment, and the building number where equipment is located. You will be asked to sign a Field Service Report and provide a Job Order Number when the technician completes the service call.

What kind of response can I expect to receive when I call the PC Lab Service Desk?

Each service call is added to a data base as the technician talks to you. Twice a day, the contrac-

tors log into the data base and extract the new calls. From this point, the contractor should make contact with you within four hours. Another contract requirement is for 85% of work is to be completed within eight hours. But be realistic. If you expect that every call you place will be totally complete within the four hour initial response time, well, you'd not be playing with a full deck; but that's just my own personal opinion. The volume of service calls varies on a daily basis; you will see quicker response on days with few calls just like you will see slower response on days when 30 calls are logged in one morning. And if a special part needs to be ordered for your equipment, the eight hour completion time will almost certainly be exceeded. If you expect that your call will be handled in the most expeditious and courteous manner possible, that would be realistic.

These are time and materials contracts, so you can expect to pay for only the time and materials it takes to service your hardware. In addition, there is a small surcharge added to each service request to cover the administrative costs in maintaining the Code 27 - PC Lab Service desk. You should also be aware of the fact that these contracts are optional, not required. What this means is you can use these contracts or not. If your service requirements can be fulfilled under the existing contracts, by all means use them.

by Bob Beane

## What Do you Think?

The NWC Rocketeer staff invites comments from our customers, the readers of this newspaper, about the job the staff is doing, the coverage of events and people on board the Naval Weapons Center and ideas you have for allowing the paper to better serve and respond to the customer and reader in a quality fashion.

The staff encourages your article ideas, constructive comments and continued feedback. The form below can be mailed to NWC CODE 0033 via guard mail.

## Rocketeer Feedback Form

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
MAIL TO: NWC CODE 0033 VIA GUARD MAIL

## Safety class offered

Working Safely With Lead, a 30-minute informative presentation, is available to interested employees through the Safety Program Office (Code 2405). The course will be offered on an "as needed" basis.



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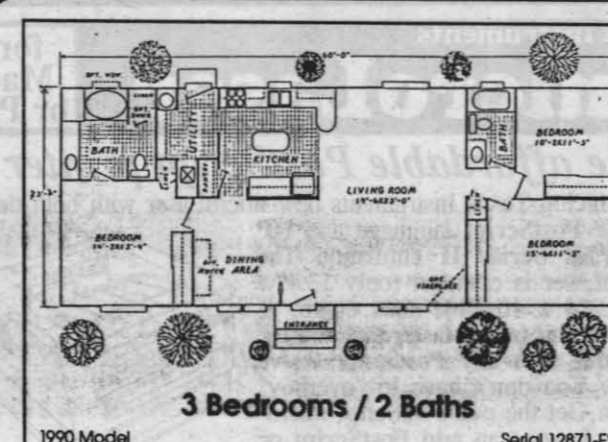
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**MWR UPCOMING EVENTS**

Friday, September 28th  
 -Seafarer Lunch Special California Beef  
 Saturday, September 29th  
 -King & Queen Bowling Tour - 1:00 p.m. - Hall Lanes  
 -Maline, NWC Theater, 2 p.m., Bambi  
 Sunday, September 30th  
 -Open Roller Skating Youth Center, 1-4 p.m.  
 Monday, October 1st  
 -Seafarer Lunch Special California Beef Sandwich  
 -Grilled Steak/Chicken-11 a.m. to 1 p.m.-Seafarer  
 -Monday Nite Football, O'Club & CPO Lounges, 5 p.m.  
 Tuesday, October 2nd  
 -CRAFTED Daytime Classes-Sign up Today!  
 -BINGO MADNESS Seafarer, 7:00 p.m. X2581  
 -Seafarer Lunch Special- Chili Size  
 Wednesday, October 3rd  
 -Mid week stress? Come play 18 at the Golf Course!  
 -Call for Information on "Jazzercise" X6542  
 -Seafarer Lunch Special Pastrami Sandwich  
 Thursday, October 4th  
 -Seafarer Lunch Special French Dip  
 -Volunteer to help with the 1990 Mini Triathlon- X6542  
 -Get ready for Youth Fall Basketball X2909

**MONDAY NITE FOOTBALL**  
 O'Club and CPO Lounges, 5 p.m. X2581  
*Support Your Club*  
**'90 MINI TRIATHLON**  
 COMING SOON - OCTOBER 13TH

# Safety sense: Careless use of firearms is a hazard

**Firearms Safety**  
 Hunting season is under full swing. Now is the time to re-emphasize and reaffirm the basics of safe gun handling and storage. This can be accomplished by reminding each hunter/shooter that *they* are the key to firearms safety.

1. Always keep the muzzle pointed in a safe direction -- never point the muzzle at anything you do not intend to shoot.
2. Firearms should be unloaded when not actually in use -- this includes unloading your weapon when near a car, truck, building, crossing a fence, climbing a tree and while traveling in a vehicle.
3. Do not rely on your gun's safety -- treat every gun as if it were loaded.
4. Be sure of your target and beyond -- once a weapon has been fired, no one can call the shot back. It is the shooter's responsibility to ensure that their bullet will not injure anyone or anything beyond the target.
5. Use correct ammunition -- using the incorrect ammunition can destroy a gun and cause serious injury or death to the shooter or bystander.
6. If your gun fails to fire when the trigger is pulled, handle with care -- point the muzzle in a safe direction for 30-60 seconds before carefully opening the action and unloading the weapon. Dispose of the cartridge in a safe manner.
7. Always wear eye and ear protection when shooting -- shooting glasses guard against twigs, falling shot, clay target chips and the rare case of firearm malfunction. Without hearing protection, exposure to shooting noise can damage hearing. Using both hearing and eye protection will make your shooting easier, and will help improve your enjoyment of the shooting sport.
8. Be sure the barrel is clear of obstructions before shooting -- even a small bit of mud, snow, excess lubricating oil or grease in the bore can cause dangerously increased pressure, causing the barrel to bulge or even burst upon firing.
9. Do not alter or modify your gun and have guns serviced regularly. Firearms are designed by experts to function properly in their original condition. Any alteration can make the firearm dangerous and will void any factory warranties. Firearms require periodic inspections, adjustments and servicing. Check the owner's instruction/service manual for recommended inspection and servicing tips.
10. Learn the mechanical and handling characteristics of the firearm you are using -- not all firearms are the same. Each shooter must be thoroughly familiar with the particular type of firearm they are using.

Learn and follow safe gun handling rules for loading, unloading, carrying and handling firearms. Firearms safety depends on you! And remember -- alcohol, drugs and guns do not mix!! Make no mistake about it.

By the Safety Program Office

## IEEE sponsors videoconference

On Wednesday, Oct. 3, the Institute of Electrical and Electronics Engineers, Inc. 37th videoconference, *3D Computer Graphics: Construction to Interaction*, will be held in the Sandpiper Room at the Carriage Inn in Ridgecrest. Registration begins at 8:30 a.m., with the program from 9 a.m. to 12 noon.

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 288-6743 (Autovon)

**VFW** The Veterans of Foreign Wars and Auxiliary is holding a Mongolian B-B-Q at 117 N. Alvord St., Ridgecrest on Saturday, September 29, 1990. The B-B-Q will start at 4 p.m. at a cost of \$5.00 per person. After the B-B-Q there will be music provided by the sounds of Stillwater. Proceeds to go to the Cancer Fund. Members and guest.

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microLaser	List	Sale
non-PostScript	\$1799	\$1329
PostScript PS17	2499	1849
PostScript PS35	2999	2219
AppleTalk interface	145	99

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## Athletic memberships on sale at Gym Annex

Adult athletic association memberships, intramural sports activity cards and tennis memberships for Fiscal Year 1991 are now available for purchase. Fiscal Year 1990 memberships expire Sunday, Sept. 30.

There are two ways patrons can purchase an adult athletic association membership. Fees have been divided into semi-annual (October-March, April-September) or annual (October-September). Cost for DoD and dependents are \$75 for each semi-annual membership or \$120 for annual. SES fees are \$85 or \$140, while private citizens and dependents will pay \$95 or \$160. Patrons buying an annual membership will save \$30.

Intramural sports activity cards (per sport) are \$15 for DoD and dependents, \$20 for SES, and \$25 for private citizens and dependents. Tennis memberships are \$50 for DoD and dependents, \$58 for SES, and \$65 for private citizens and dependents.

*In addition, the non-DoD restriction on usage times of the weight room has been lifted. Now non-DoD members may use the weight room anytime during normal operational hours.*

## Golf course has great year-- FY '91 fees remain the same

China Lake Golf Course memberships for Fiscal Year 1991 are now available. Due to the great year last year, there will be no change in the fee structure this year.

Constant improvements are being made to the golf course and club house area for the people at China Lake.

Director of golf, Keith Holden, plans a new program this year -- Twilight Golf rates. After 4 p.m. during the summer and 1 p.m. during the winter, reduced green fee rates will be in effect, allowing golfers to get the most enjoyment out of their sport.

## King and Queen: Keller and Dorman win week's title

Hall Memorial Lanes and the Morale, Welfare & Recreation Division announce the King and Queen Bowling Tournament. Through May 1, this event will be held every Saturday starting at 1 p.m. Upon completion of the tournament, all Champion Kings and Queens will have a roll off down to the top five, who will then go head to head to determine the King and Queen of NWC.

Entry fees are \$10 per person, with a prize pay off of one in five. Handicap will be 80 percent of 200.

Last weeks winners were Bob Keller and Janice Dorman. King Keller bowled a 166, 147 and 142 for a three game handicap score of 183. Queen Dorman rolled a 157, 130 and 156 for a three game handicap total of 192.

## Lifeguard training scheduled

Lifeguard instructional training will be held at the Officers' Club pool from 5 to 8 p.m. on Oct. 15-26.

Cost is \$38 per person for military personnel, \$40 for Department of Defense personnel and \$42 for all others.

For further information, call NWC ext. 2081.

**1st Anniversary Sale**  
 Sunday, Sept. 30th - 11 a.m. - 7 p.m.  
 25% Off Regular Priced Career & Party Dresses  
 Fashion Jewelry 6 for \$5, T-Shirts 3-\$10  
 Sweats \$8, Pants, Skirts & Blouses \$5.  
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## Stocking improves fishing results

*Fall colors bursting into spectacular array in favorite spots*

Temperatures are dropping throughout the Eastern Sierra area and fall colors are bursting into a spectacular array in the Bishop Creek and Rock Creek areas, notes the Bishop Chamber of Commerce. Mammoth, June and Bridgeport still have a little time before their fall colors go on display.

Big Pine Creek recently released a 4 1/4 lb. rainbow. While there isn't any reports on how fishing is at the Lower Owens River, now is the time to give it a try as the river has just been stocked. Anglers at Taboose Creek should try Velveeta cheese, while those at Tinemaha Creek should use salmon eggs.

The Owens River in the Wild Trout area near Bishop is best for flyfishing. Bass fishing on the Lower Owens has seen lots of action lately. A chartreuse bushwhacker will drive them crazy. Shore fishing at Sabrina Lake is still good at the inlet for anglers using powerbait, nightcrawlers or inflated worms. If trolling, try a Dave Davis with worm or lead core line with a needlefish. Any type of bait or lure is working at South Lake, which has recently been stocked. Trout is averaging 1 1/2 lbs. and more. Paradise Lodge reports excellent fishing on the Lower Rock Creek with eggs or powerbait.

Heavy stocking with brooders ranging from 3 to 6 lbs. have made Rock Creek Lake a successful place to fish. Nightcrawlers, combo of Zeek's garlic bait and yellow powerbait, and gold super duper or cast master are suggested. Lots of pan size rainbows and goldens can be taken on worms.

Convict Lake has also recently been stocked. Expect to see some hefty size trout (3 to 5 lbs.). Try powerbait or nightcrawlers for shore fishing. If trolling, use a Dave Davis with worm.



In the Crowley Lake area, Crooked Creek, McGee Bay and Green Banks (at north end of lake) are having nice results. Try an olive mutaka, hornberg or olive wooly bugger. Remember the special rules for Crowley's late season.

A few lakes in the Mammoth Lakes area have also been stocked. Brooders in the 3-5 lb. range were recently released in Lake Mary and Mamie. Try powerbait, nightcrawlers or crickets. A 5 1/2 lb. trout was taken by the waterfall at Twin Lake on a cricket floating across the top. Lake George has a reputation of releasing limits within an hour for those using powerbait, cast master or a fly and bober. The larger fish are coming in real close to the shoreline at Lake George. For the browns in the Owens River, try an olive mutaka streamer. San Joaquin is one of the best regions in Mammoth Lakes for fly fishing. Plenty of 14 1/2 inch keepers are being released on garden worms, orange fluorescent cast master of Mepps small 00 lures.

At June Lake, try salmon eggs or powerbait for shore fishing. Trolling is best with a needlefish at 5 to 6 colors. Gull Lake is the best fishing lake around the loop. Due to a heavy stocking with brooders, anglers are having nice catches on phoebes, nightcrawlers or cast masters. On Silver Lake, try a worm with marshmallow, or, if using a fly, try an olive mutaka or wooly bugger. The elk hair caddis is best at Rush Creek.

Try fishing off the bank at Bridgeport Lake. It's a toss up between Virginia Lake and Twin Lake as to which one is best. While streams are low, fishing is still good. When fishing in low waters, stay out of the sun and look for shaded areas and fish the ripple water.

## Early morning lap swim hours cancelled

Early morning lap swim at the Officers' Club (5:30 to 7 a.m.) has been cancelled due to low participation, reported an official from the Morale, Welfare & Recreation Division.

Effective immediately, lap swim hours will be conducted from 10 a.m. to 1 p.m. and from 5 to 7 p.m.

For more information, call NWC ext. 6542.

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## Children in youth soccer league learn more than just game rules

Children playing in the Naval Weapons Center Fall Soccer League learn more than just a sport. According to Myriam Wright, youth sports director, players learn physical fitness, social interaction, skills of the game and improve their self-esteem. In addition, she said, the league promotes soccer as a life-long enjoyment. The NWC Fall Soccer League began its season last Saturday morning. Play will continue each Saturday, beginning at 8 a.m. on Knox I and II and Davidove fields through Nov. 17.

### Division I

#### Coyotes 2, Express 0

Efforts by Tim Little, Evan White and Cory Mendenhall got the Coyotes off to a good start. Despite excellent plays by Steve Hudson, Jared Lee, Jonathan Parker, James Krise and Megan Harden, The Express couldn't stop the tide.

#### Cobras 1, Owls 1

Superb blocks by Goalie Stephanie Reinke stopped the Owls from getting the lead. Christopher Marshall and Tara Rosenlof controlled the ball for the Cobras and Joseph Shermer scored their only goal. Defensive moves by Tyler Curran and Travis Froehner kept the Cobras from winning the game. Griffin Edwards knocked in the Owls' lone goal.

### Division II

#### Wolves 3, Earthquakes 0

Goals by Shannon Parks and Michael Godfrey, along with plays by Quinn Edwards, Nicole Manley and Rory O'Neil put the Wolves on top. In spite of several saves by Curtis Monastero and efforts by Brooks Archer and Gianna Wunderlich, the Earthquakes couldn't shake the Wolves.

#### Roughnecks 1, Diplomats 0

A goal by Erik Johnson kicked his team to their

first victory. Dale and Michael Dorrell, along with Charles Foster, helped keep the Diplomats from scoring. The Diplomats did not turn in a score sheet.

#### Rockets 1, Whitecaps 0

The Rockets kept control of the ball with passes by Rich Tyburski, Matt Bloudek and Brian Ford to David Kennedy, who scored the winning goal. The Whitecaps did not turn in a score sheet.

### Division III

#### Stallions 1, Hurricanes 0

Blocks by Sam Miles and good plays by Chris Brown and Kris Sappington, along with a goal by Brett Thomsen, resulted in the win. John Scheiderer, Mark Ogren, Doug Bowman and Chris Troutman showed promise for the Hurricanes.

#### Eagles 2, Cougars 0

The Eagles emerged victorious due to goals by Andy Pape and Jason Hickle and efforts of Jamie Critchfield, Ben Lahee and Robert Hoffman. Plays by Lawrence French and Sandy Grace couldn't tether the Eagles. Despite the loss, Tiffany Austin and Bobby Dawson were excellent goalies.

#### Sounders 6, Apollos 0

Hard work by Tammy Overstreet, Robbie Mitchell, Philip Belding and Tony DeCarlo wasn't enough as the Apollos fell to the Sounders. The Sounders did not turn in a score sheet.

### Division IV

#### Goalbusters 2, Strikers 1

Assisted by Anastasia Wunderlich and Jolie Robison, Galen Wilson and Mike Terry booted in the winning goals, despite excellent goal keeping by Thai Gutierrez and Mike Murray. Andrew Dubois kicked in the Strikers' lone goal and Jason Bowling was credited with an assist.



## Athletic events congest roads near Lake Isabella, Kernville

On Sunday, Sept. 30, the roads between Ridgecrest and Kernville, as well as the road around Lake Isabella, will be the setting for two major athletic events. Cyclists participating in the High Sierra Cyclists' Picnic in the Park ride from Ridgecrest to Kernville will be riding along Highway 178 until the turn off to Kernville, then following the north side of Lake Isabella into Kernville. Runners participating in the Lake Isabella Chamber of

Commerce's Dam Tough Run will be running the lake's perimeter.

Organizers of both events want to warn motorists planning to be in this area to be aware that

these runners and cyclists will be using the roads. With mutual awareness, patience and courtesy, participants can share these roads with the traffic without mishap.

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## China Lakers receive Center's highest awards

(Continued from Page 1)

Presentation of the McLean Award was made by Bill B. Porter, Technical Director. Distinguished guest, Mrs. William B. McLean attended the ceremonial luncheon.

The Thompson award pays tribute to the accomplishments of its first Technical Director, Dr. LTE. Thompson who, by his leadership, vision, and persistent efforts, gathered at this Center a strong complement of men and women. The success of the Center in the field of ordnance has been in great part due to the initial guidance of Dr. Thompson and to his skill in integrating military and civilian personnel into an enthusiastic, effective group.

The award consists of a medal and certificate and is presented to civilian and military personnel for outstanding contributions in advancement of ordnance toward the fulfillment of the mission of the Naval Weapons Center.

Doucette, of the Intercept

Weapons Department, was cited for his many outstanding technical achievements, his exceptional leadership skills, and his dedication to the mission of the Naval Weapons Center.

For the past two years, in addition to division head duties, he headed the Sidewinder AIM-9R Project Office. Under his leadership, the in-house design of Sidewinder AIM-9R electro-optical seeker was completed.

"Under his leadership, the Electro-Optics Division has continued to be a world leader in the development of electro-optic guidance systems, providing technical and managerial expertise in the design of electro-optic/infrared and multi-mode missile guidance systems," stated by Sandy Rogers, acting head, Intercept Weapons Department.

Doucette came to NWC in 1964 as a junior professional mechanical engineer in the Engineering Department.

"This is a humbling experience for myself, looking around at this group. NWC is a great organization to work for...the China Lake Way...it's really the people and organization that make it so!" stated Doucette.

Knepshield, of the Attack Weapons Department, was singled out in recognition of his outstanding technical and managerial leadership contributions in furthering the advancement of ordnance technology for the Naval Weapons Center, Department of Navy, and Department of Defense.

His demonstrated success in total quality management and engineering expertise has been recognized by AIR-418, who recently requested he accept designation of the Advance Bomb Family Projects as one of two pilot programs which will incorporate delegation of authority and responsibility for all elements of ABF integrated logistics support.

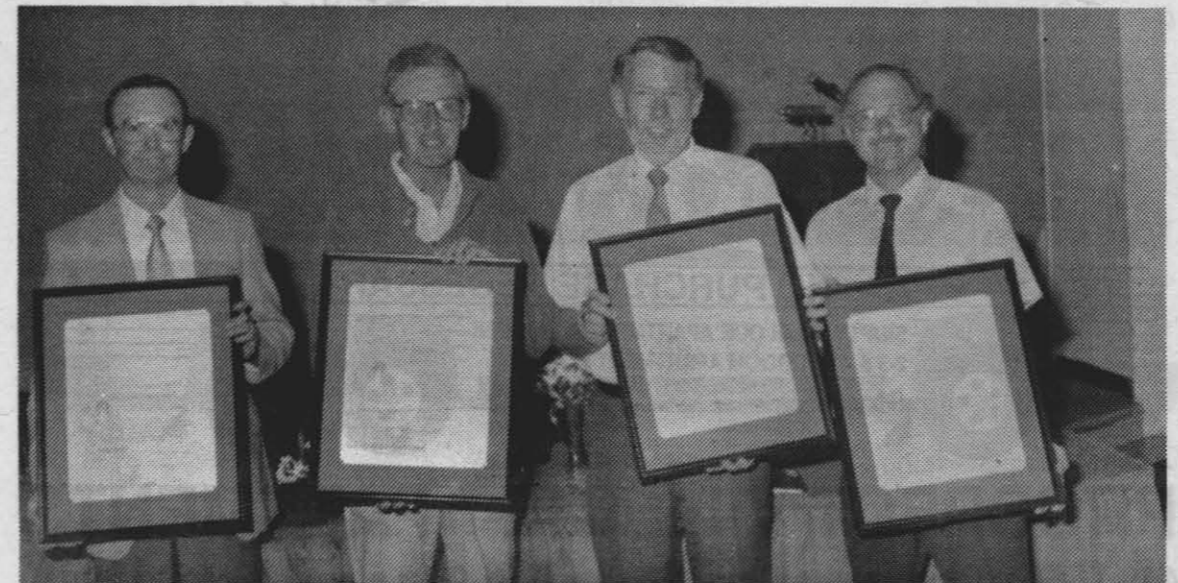
Knepshield began his career

with NWC as a junior professional in the Aviation Ordnance Department in 1970. He received his bachelor of science degree from Cal Poly State University, in Pomona, Ca.

He currently works as supervisory aerospace engineer, Tactical Weapons Office, on programs including the initiation of AIWS, Advanced Bomb Family, Stand-off Land Attack Missile Technical Support, Maverick, Penguin, Sea Lance, Laser Guided Training Round, FOG-S, and Recoverable Test Vehicle.

After receiving the award Knepshield remarked, "I'm really overwhelmed and appreciative of this recognition. Although this award is individually given, there was a lot of team effort in my endeavors. I'm only as good as the team I'm working with and I've worked with some outstanding groups of people."

Dr. Kutchma, head of the Aircraft Weapons Integration (Continued on Page 11)



**MIGHTY TOUGH ACTS TO FOLLOW--The prestigious L.T.E. Thompson Awards were presented to (left to right) James R. Knepshield, Dr. Edward K. Kutchma, Ronald W. Doucette, and Dr. Robert W. Schwartz by Capt. Cook.** Photo by PH3 Brady

## UUUGHRAH three marines awarded for exceptional work ethics

(Continued from Page 3)

MSgt. Deeke was recognized with a Certificate of Commendation for performing dual duties in an exceptional manner while serving as MAD's first sergeant from June 25, 1990 to July 23, 1990. "Assigned as the ground support equipment coordinator and Fleet Marine Force liaison at the AV-8B Weapons System Support Activity, MSgt. Deeke continued to maintain expert control of the dynamic and uncertain tasking of normal daily duties while temporarily serving as the command's first sergeant," read the certificate. "His mature, steady and methodical leadership enabled detachment functions to continue uninterrupted and allowed the obtrusive issues to be resolved without difficulty. Through his dedicated meticulous attention to duty, MSgt. Deeke provided the direction required to keep the detachment functioning efficiently."

The awards were handed out by Col. Banks prior to his retiring from the Marine Corps.

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# Wellness...

(Continued from Page 2)

Eligible players are code employees and spouses, with at least four female members on the field at all times. Rosters may have up to 20 people. Games are limited to five innings with no inning started after 40 minutes. If the game is tied after five innings, play will continue until one team scores. Pitchers pitch three balls per batter to their own team, but do not field the ball. Catchers call ball/strikes/fouls. Each team provides equipment. Rosters are due Oct. 15. Include name, code, and phone number of each player. Send roster to Alex Quezada, Code 2834, NWC ext. 3536.

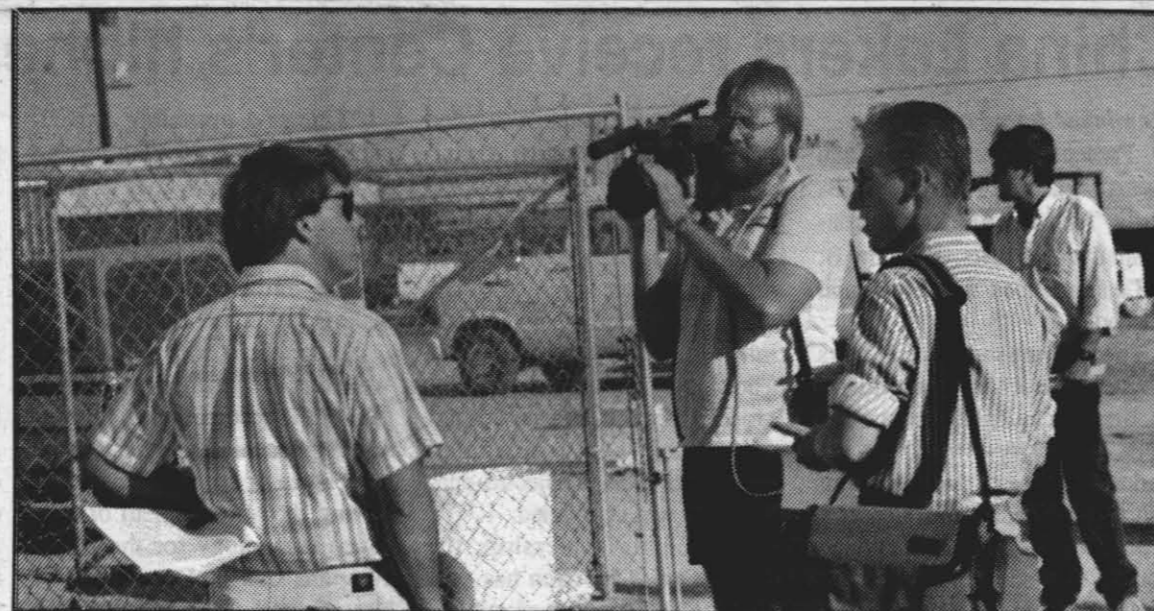
Code 22 is sponsoring swim races in conjunction with the China Lake Challenge. The program will take place on Oct. 25 at the Officers' Club pool beginning at 5 p.m. Each individual entering will be limited to entering in three total events, i.e., three individuals, a relay and two individuals, three relays, etc.

Age groups for boys, girls,

men and women in the individual events will be: 10 and under, 11-12, 13-14, 15-16, 17-18, 19-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60+. Relay teams ages must equal at least 100 years.

The order of events will be: mixed 200 meter freestyle relay, mixed crescendo relay (progressive swims -- 25 meter, 50 meter, 75 meter, 100 meter), mixed 4x100 meter free relay, 50 meter individual back stroke, 50 meter individual breast stroke, 50 meter individual freestyle, mixed 4x100 meter time prediction relay, men's 100 meter free relay, women's 100 meter free relay.

Entries must be turned into Code 2294 by Oct. 18. No late entries will be accepted. For entries, see your Wellness Program area coordinators, the Wellness Program Office (Training Center, Room 210, NWC ext. 2468) or MWR. For information, call NWC ext. 2081 and ask for Michelle, Karen, or Elaine or Sheri Baker at NWC ext. 2736.



**MEDIA VISIT--Terry Murphy (left) of NWC's Environmental Affairs Program Office talks to news media members about the Center's Installation Restoration Program. Area media representatives toured old dump sites scheduled for studies under the remedial investigation phase of the program. Photo by PH3 Cary Brady**

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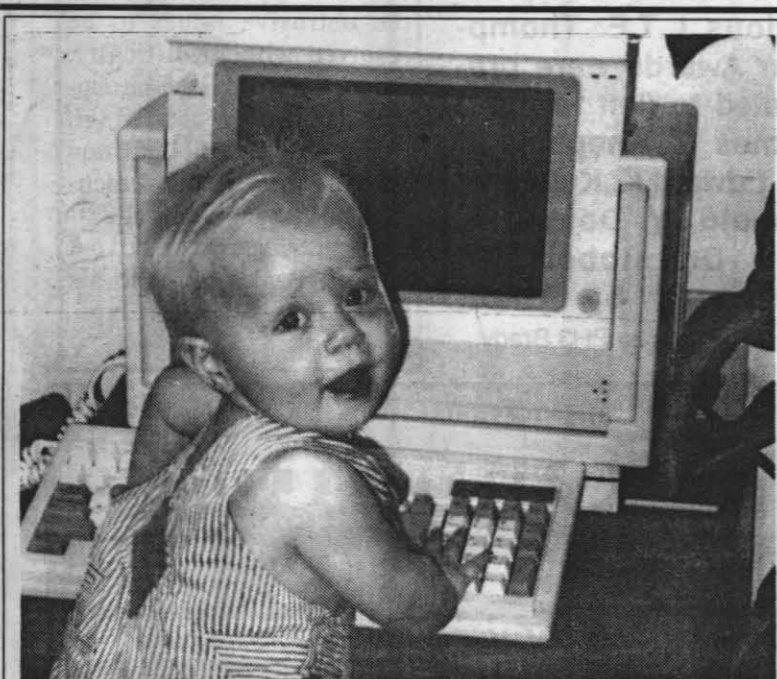
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# Five top Center achievers earn Thompson, McLean Awards

(Continued from Page 9)

Department, the third recipient of the Thompson Award, was recognized for his technical leadership in developing software systems engineering discipline and enhancing the Center's technical excellence in the aircraft weapons integration process. The nomination letter by Richard Bruckman emphasized, "Dr. Kutchma's vision, persistence, and success in implementing new methods for a wide range of both technical and management initiatives merit the recognition of this prestigious award, as head of the Aircraft Weapons Integration Department, he has molded a highly talented, enthusiastic military, civilian, and contractor team to advance the reputation of the Naval Weapons Center as a Center of excellence for aircraft weapons integration."

The NWC career of Dr. Kutchma began in 1982, when he became head of the Aircraft Weapons Integration from a

## Legion of Merit

(Continued from Page 3)

resolving both system and organizational blocks to command and control systems working together for a common goal (interoperability), reads the citation accompanying the award.

"Using his extensive operational background and leadership talents, he demonstrated exceptional initiative in reorganizing the department and forming the Interoperability Division," the citation continued. Col. Agnabroad was also credited with reestablishing the C412 Steering Group as a forum for resolving critical C2 systems issues.

The Legion of Merit Award is the fifth highest Navy and the seventh highest Department of Defense award. The award citation was signed by the Secretary of the Navy.

The colonel assumed command of the Marine Aviation Detachment on Sept. 4.

career with the United States Air Force.

The final Thompson Award winner, Dr. Schwartz, Technology Advancement Group, was cited for his distinguished technical management and research leadership in multiple, critical technology areas related to missile domes and materials. He came to NWC in 1981 as head of the Optical and Electronic Materials Branch in the Research Department. In the six years he held this position he built a nine member branch recognized as the Navy's lead team in infrared-transmitting missile dome materials, and developed significant strength in infrared detector materials and superconductors.

In 1987, Dr. Schwartz was appointed program manager for Missile Dome Materials supporting the Missile Support Technology Office. He took his present post in 1988.

"I'm stunned...but not rendered speechless. The company I'm keeping is overwhelming. I must say that it is not just individual work, but a team effort. I feel the support I have received from

management at every level got me where I am today," commented Dr. Schwartz on his award.

The McLean Award pays tribute to Dr. William B. McLean, Technical Director at NWC from 1954 to 1967. Dr. McLean, by his leadership, vision, and tremendous personal contribution to the mission of NWC, brought lasting recognition and a distinguished reputation to China Lake.

Dr. Nielsen was chosen to receive the McLean Award in recognition of his innovative research on the synthesis of new, high performance energetic materials. He began his federal career at the Naval Ordnance Test Station, in September of 1959 as a chemist in the Research Department. He is a senior research scientist in the Chemistry Division of the Research Department.

Throughout his 31 year career at China Lake, Dr. Nielsen has demonstrated both scientific excellence and technical leadership in the energetic material synthesis program at NWC. His sustained technical accomplishments and guidance helped to establish and maintain the preeminence of

NWC as a leading national and international laboratory in energetic materials synthesis, characterization and evaluation.

"Within the specialty of new energetic materials synthesis, Dr. Nielsen is a model to emulate. He has attained worldwide recognition for his scientific contributions as evidenced by his chairing many prestigious national and international meetings. Not only are his personal research contributions of highest quality, but his direction and motivation of peers has had a major constructive impact on the course of new materials development at NWC," said Ron Derr's nomination letter.

Dr. Nielsen earned both his bachelor of science degree and his Ph.D., from the University of Washington.

Dr. Nielsen reflected, "It is a great honor to receive the

McLean Award. Dr. McLean was an inspiration to us all. I've devoted all my life to basic research and I thank the Naval Weapons Center for its endless support."



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