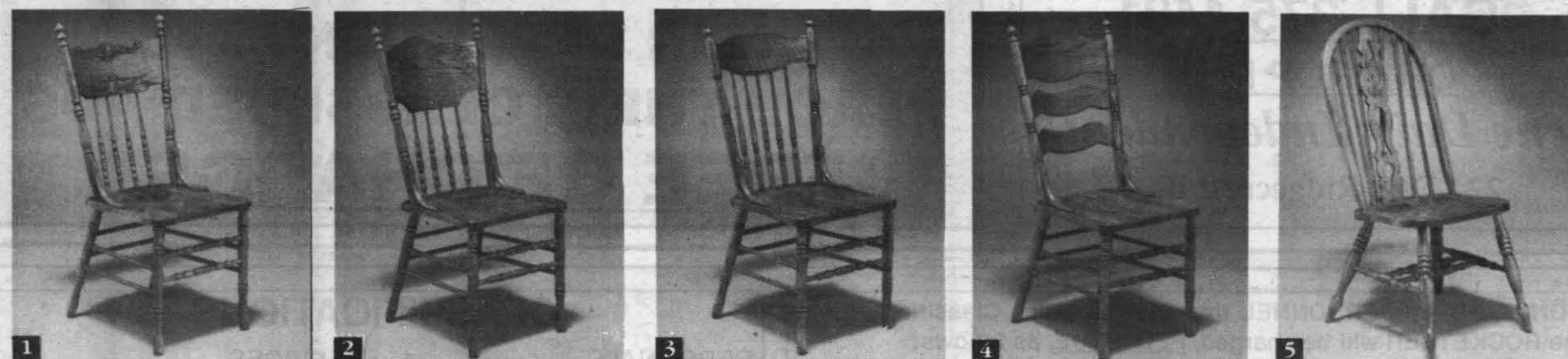


# ONE HULL OF A SALE!!

## H.W. HULL OAK DINING FURNITURE

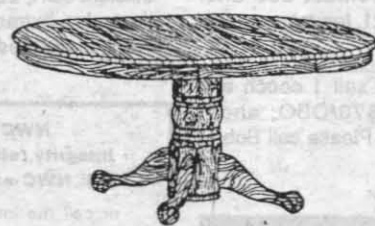
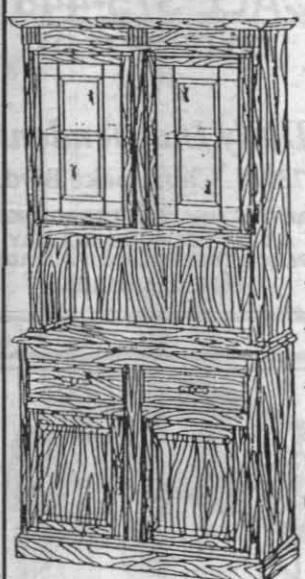


- |                    |               |              |
|--------------------|---------------|--------------|
| 1. Classic Side    | Reg. \$107.95 | Now \$89.00  |
| 2. California Side | Reg. \$116.95 | Now \$94.00  |
| 3. Homestead Side  | Reg. \$119.95 | Now \$96.00  |
| 4. Ladderback Side | Reg. \$159.95 | Now \$129.00 |
| 5. English Windsor | Reg. \$159.95 | Now \$129.00 |

**10 Year  
Warranty**

## 29 STYLES TO CHOOSE FROM

Made in USA - Solid Oak - Light or Dark - Arm Chairs Available



- |                      |               |              |
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| 36" Round w/18" Leaf | Reg. \$499.00 | Now \$379.00 |
| 42" Round w/21" Leaf | Reg. \$559.00 | Now \$419.00 |
| 48" Round w/24" Leaf | Reg. \$629.00 | Now \$479.00 |
| 54" Round w/24" Leaf | Reg. \$799.00 | Now \$599.00 |
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REDUCED**

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# Oak Specialties

(619) 375-2625

Nov. 9, 1990

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Computer Chatter . . . 8  
Sports . . . . . 14  
Personnel News . . . 16  
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	Max	Min	Peak Gusts
Thurs.	71	53	35
Fri.	61	41	31
Sat.	70	33	25
Sun.	74	29	15
Mon.	73	30	18
Tues.	59	46	35
Wed.	64	39	12

### VFW hosts annual Veteran's Day fete

Captain Douglas W. Cook, NWC Commander, is guest speaker for the Veteran's Day program at VFW Ship 4084 (117 Alvord Street) on Sunday, 10:45 a.m.

The following organizations are participating this year in honoring those who have served-- Veteran's of Foreign Wars Ship 4084 and auxiliary; American Legion Post 684 and auxiliary; Fleet Reserve Association, China Lake, Branch 95; Pearl Harbor Survivors Association; Vietnam Veterans of America, Chapter 283; World War I Veterans; Auxiliary Security Forces, China Lake; Chief Petty Officers Association, China Lake; Navy Color Guard and Bugler, China Lake; Barbershop Harmony Society; Boy, Girl and Cub Scouts of America; BPOE Elks, Lodge 1913; Fraternal Order of Eagles Aerie 3243; Knights of Columbus; Naval Sea Cadet Corps; Oddfellows Lodge 491; and Oddfellows Rebekah Lodge 412.

### Traffic safety talk set on Wednesday

During the holiday season, our streets and highways are filled with holiday travelers. In conjunction with the increase of traffic on our roadways, there is an increase in the number of motor vehicle accidents.

To increase awareness of the dangers of driving during the hectic holiday season, there is one more **Holiday Traffic Safety Seminar**, scheduled for 2 p.m. on Wednesday, Nov. 14, at the Center Theatre. Guest speaker is CHP Sergeant Gary Goldy.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 45, November 9, 1990

## New security measures at airfield

Fenceline construction just first phase of better protection plans for Center's aviation assets

Private vehicles will be excluded and fewer people will have access to the flightline area as part of tighter access control and improved protection of aviation assets at the Naval Weapons Center. These heightened security measures are the first phase of a plan developed by the Airfield Improvement Action Team for Armitage Field.

As part of this process, construction of a new fenceline began this week. New badging and access procedures are being proposed by the team.

Larry DeBold, associate head of the Aircraft Department and chairman of the

improvement team, noted NWC was recently written up during an Inspector General (IG) visit for non-compliance to OPNAVINST 5530.14B, dated Dec. 21, 1988. The team, consisting of representatives from all the facilities and principle organizations impacted by the new security measures and chaired by DeBold, was formed to suggest ways to improve protection of aviation assets at the airfield and bring NWC into compliance with the OPNAV instructions.

Appendix IX, Part 1, Aviation Assets, of the instruction states, "this Appendix sets forth minimum physical security require-

ments for aviation assets ashore. For purposes of this manual, aviation assets include aircraft, aircraft flightlines, ramps, control towers, rework facilities, ancillary equipment and facilities. . . . CONUS sites will be protected by a sensor fence and vehicle restraining cable system installed outboard of the hangars and flightline areas. The barrier system will be located where it can best channel personnel and vehicle traffic, define the restricted area boundary, complement aviation operations and not violate safety regulations."

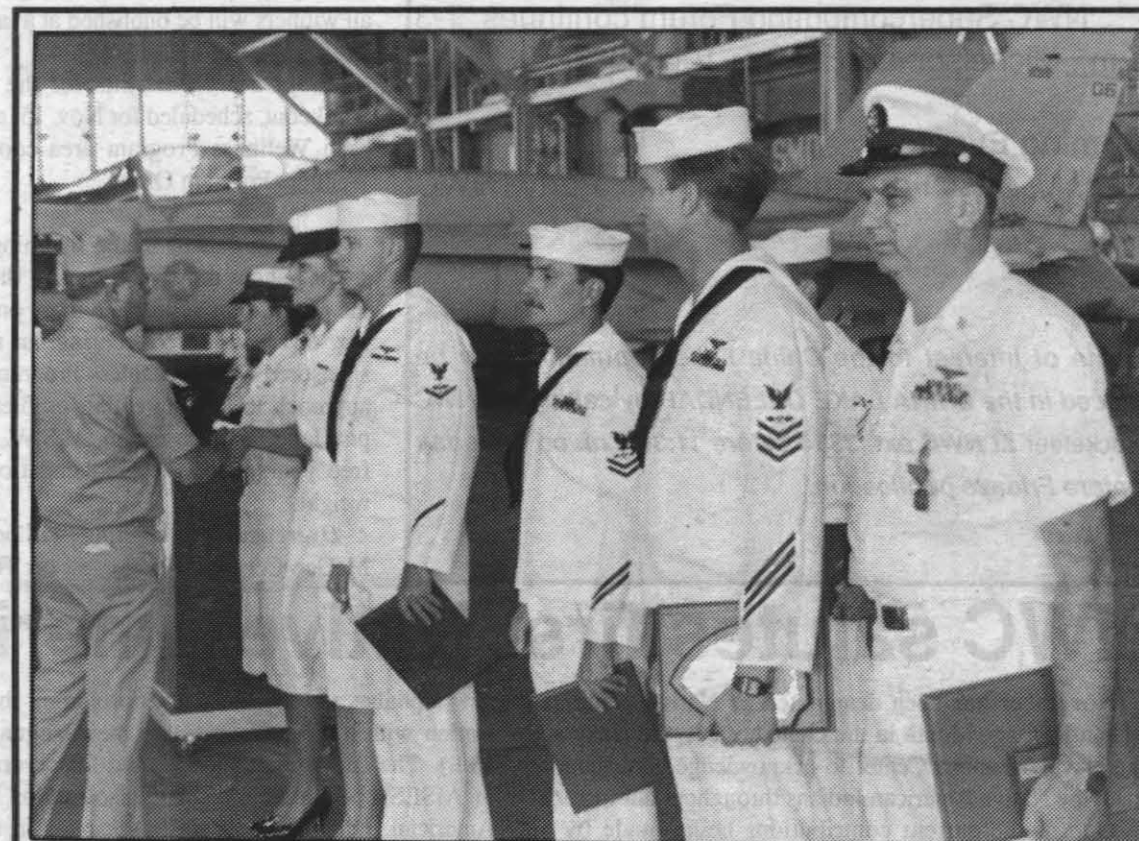
One of the first items noted by the IG (Continued on Page 6)

## CNO stresses Navy's special responsibility to true EEO

by Adm. Frank B. Kelso II  
Chief of Naval Operations

You've all seen recent press reports on allegations of rape, sexual harassment and fraternization at various Navy installations. We have much work to do in establishing true equal opportunity and a prejudice free environment in the Navy. RAdm. Roberta Hazard has been directed to update our comprehensive 1987 study on integration of women in the Navy, and determine the extent of problems and recommended actions to correct them. Your full cooperation and support of this study are essential.

These are difficult problems, but those of us in uniform have a special responsibility to solve them. We have tackled equally challenging issues in our past. The Navy is in the forefront of (Continued on Page 6)



**OUTSTANDING SAILORS--**Six enlisted members of the Naval Weapons Center military family received honors during a Hangar Three quarters ceremony recently. Capt. Douglas W. Cook, NWC Commander, made the presentations. (See story on Page 4)

Photo by PH3 Cary Brady

## NWC Crafttech preps for holiday season

Christmas is around the corner and all of a sudden we start rushing around wondering what we can buy...what we can afford...what we can make! Now the Naval Weapons Center's Crafttech Center has an answer some of us may be reluctant to think of because we don't feel artistic or clever enough to create something worth giving.

But the Crafttech staff is ready to help you with some really innovative holiday creations. Have you ever thought of making your own personal Christmas nativity scene with ceramics, perhaps tole-painted *seasons greetings* signs or a Christmas wreath designed with your own sense of holiday spirit? It's not too late to sign up for one of the many classes offered at the Crafttech Center.

Pat Pirooska, Crafttech Center's manager, encourages all Center employees to come and visit the studio. They offer a wide range of craft classes from dry flower arrangement to woodworking, leather making, needle point, tole painting and ceramics. They have an ongoing woodworking shop with everything imaginable so people can work day or night once they've passed the safety class. "I want people to realize you don't have to be an accomplished artist to come in here and create something wonderful. I've found a lot of really talented people who came in saying 'I can't do this' and they ended up making beautiful works," commented Pat.

(Continued on Page 12)



## China Lake Calendar

**Fri. Nov. 9**

... Marine Corps Ball, Seafarer Club

**Tues. Nov. 13**

... NWC Supercomputing Forum continues, 1-3 p.m., Michelson Lab, Room 1000D

**Wed. Nov. 14**

... AIAA lunch meeting, Hideaway, 11:30 a.m., Wing Cdr. Russell, RAF, guest speaker

... Holdiay Traffic Safety Seminar, 2 p.m., Center Theater

**Thurs. Nov. 15**

... Great American Smokeout observed by Navy, NWC

... Navy League meeting at White Star Dining Co., 6 p.m. Cdr. Chuck Antonio, guest speaker

**Tues. Nov. 20**

... NWC Supercomputing Forum continues, 1-3 p.m., Michelson Lab, Room 1000D

**Tues. Nov. 27**

... NWC Supercomputing Forum continues, 1-3 p.m., Michelson Lab, Room 1000D

### Coming Events

Dec. 1, Just For Kids Christmas Party, NWC Youth Center

*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



All the results are in and Code 232, the Branch Medical Clinic, has defended its title as winner of the China Lake Challenge (CLC). The winner was determined by dividing the total points earned by the on-board count. The Branch Medical Clinic had 401.7 percent. Second place goes to Code 25, the Procurement Department, with 181.7 percent; and third place to Code 34, the Technical Information Department with 167.6 percent. Total participation was up this year, with 573 unique individuals participating in CLC events (not including satellite events).

Several codes saw giant increases in participation. The "O" codes increased seven fold. Code 22 increased by 3.6 and Code 34 by 3.5 percent. Other codes that saw increases from last year include Code 26, Code 28, Code 36, Code 61, Code 62 and Code 64.

The softball tournament was won by Code 32, while Code 26 took the volleyball tournament. Code 25 was named the winner of the tug-o-war. Cheryl Crook, an employee in the Public Works Department, participated in the most events, 15. A list of all winners will be published at a later date.

\*\*\*  
*Adopt a Smoker* kits for the Great American Smokeout, scheduled for Nov. 15, are available from each Wellness Program area coordinator and the Wellness Program Office.

\*\*\*  
Are you caught in the diet/binge cycle? Recent studies show most people who diet will regain all the weight they've lost and more once they stop dieting. *Overcoming Overeating*, an all-day workshop sponsored by the Wellness Program, offers a radical approach to solving eating problems. Psychotherapist Jane R. Hirschmann, M.S.W., explains how to free yourself of the preoccupation with food and weight.

*Overcoming Overeating* will be held at the Kerr-McGee Center in Ridgecrest on Thursday, Nov. 29,

from 8 a.m. to 4 p.m. Registration begins at 7:30 a.m. NWC employees wishing to attend this workshop should submit an On-Center Training Request to Code 2243 by Nov. 16. For non-NWC employees, cost is \$35.

Compulsive eaters separate the experience of physical hunger from the experience of eating. They usually eat not because their bodies crave food, but because they are responding to social pressures, boredom, depression, anger, sadness, happiness or other emotional triggers. One of the workshop's goals is to teach participants to practice "demand feeding" and learn to distinguish between "stomach hunger," or actual physiological hunger and "mouth hunger."

Dieting, according to Hirschmann, is the major cause of overeating. We deprive ourselves of foods we crave and then binge later. One of the first steps to practicing demand feeding is to give up the idea of the diet and "legalize" all foods -- even chocolate, ice cream and "junk foods" -- so that you feel entitled to eat without guilt.

Hirschmann recommends eating whatever your body craves when you feel hungry -- rather than waiting until scheduled meal times -- and eating until you feel full. Once you become a good demand feeder, you'll lose weight until you reach a weight that conforms to your genetic program.

Hirschmann has a private practice focused on treating compulsive eaters. She is also on the faculty of the New School for Social Research and is adjunct clinical professor at Hunter College School of Social Work in New York City. She has co-authored two books, *Overcoming Overeating* and *Solving Your Child's Eating Problems* and is featured in the November issue of *Shape* magazine.

Hirschmann will also lecture on *Raising Children Free of Food and Weight Problems* on Nov. 28 at the NWC Station Theatre. More information on this topic will be available in the next *Rocketeer*. For more information, call NWC ext. 2468.

## NWC salutes first Native American Heritage month

November has been designated as Native American Indian Heritage Month in the United States, the Navy and the Naval Weapons Center to acknowledge contributions made by Native American Indians throughout our history.

One of the current contributions being made by an American Indian group to improve the educational attainment level of American Indians is the establishment of a fellowship to provide funding for college education by the American Indian Science and Engineering Society (AISES) for American Indians. The Sequoyah Fellowship was established in 1984 with the goal of attaining \$1 million by 1995. (The fellowship was named after a brilliant Cherokee who single handedly conceived and perfected a

new alphabet and syllabary, thus providing the Cherokee Nation with a means to preserve their language and culture.) The endowment fund is used for several segments of AISES operations; including scholarships for talented American Indian students seeking careers in science and engineering, educating math and science teachers for elementary and secondary schools, operating pre-college programs to assist students interested in science and engineering to adjust to the rigors of college and cultural pressures of life off the reservation, and establishing student chapters of AISES in colleges and universities to aid in retention of college students, to provide community service by students and to allow students to serve as role models for

younger students in secondary schools.

The number of American Indians employed at NWC, on September 30, 1990 was 64. Efforts to increase the representation rate of Native American Indians employed at the Center are continuously being exerted. NWC's professional recruiters visit numerous universities for interviewing graduating scientists and engineers and S&E students for the Navy's Centralized Cooperative Education Program. These visits include recruiting at colleges and universities where Native American Indians are enrolled and advertising in publications such as "Winds of Change."

NWC is committed to a workforce reflecting true cultural diversity by 2000. From the NWC EEO Office

# ROCKETEER CLASSIFIEDS

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Ads up to 5 lines.....	\$3.00
Ads up to 10 lines.....	\$5.50
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**

### 1 PERSONALS

May the Sacred Heart of Jesus be adored, glorified, loved and preserved throughout the world, now and forever. Sacred Heart of Jesus, pray for us. St. Jude, worker of miracles, pray for us. Say this prayer nine times a day. By the eighth day your prayer will be answered. It has never failed, publication must be promised. Thank you, St. Jude, J.C.

### 20 RENTALS

FIRST MONTH HALF OFF SPECIAL - 2BR, 2BA, \$450/mo., \$300 dep. pool & jacuzzi in courtyard. Water/trash, basic cable paid. 375-7642. Furniture Available. CALL ANYTIME!

NEAR BACK GATE - 2BR, 1BA, a/c, fp, \$415/mo. 601 E. Ridgecrest Blvd. 371-4784 or 375-9810.

ROOMMATE NEEDED: 4BDRM HSE, would have pvt. rm./pvt. BA and 1 xtra rm, incd. bkdy. and access to pool/jacuzzi, close to park. \$274.50/mo. 1/2 util. and \$274.50 dep. Call 375-4120 aft. 5:30 pm.

TWO FURN. PVT. ROOMS AND BATH. Share house and yard facilities. Incl. all utilities, basic phone & cable. \$325/mo. 446-6710.

### 30 SERVICES

CLOCK REPAIR: Guaranteed work. Specializing in antiques, Grandfather, Cuckoo, Anniversary & Atmos. 375-5511, mornings & weekends.

### .30 SERVICES

HOUSE CLEANING - You want a beautiful clean home after your hard day at work. Call 371-1423, anytime, for professional and dependable house cleaning service with references.

PROFESSIONAL, EFFECTIVE SF-171's and resumes written and laser printed. All work customized to your career needs. Call Written Images for appointment. 375-6443.

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

WOULD YOU LIKE YOUR HOME SPARKLING CLEAN? Call The Maid at 446-2599. Eves & weekends.

### 35 AUTOMOTIVE

'85 Honda XL600R, 8,000 miles, excellent condition - \$1400/OBO. Call Richard, days 446-5158.

'87 Mustang GT convertible, white, leather interior, remote alarm system, 42,000 miles. \$14,500. Call 446-7895.

### 40 MISC. FOR SALE

CANOPY SHELL - Fits Chevy & Ford midsize - \$150. 2 Dodge Colt bucket seats - \$15 both. Country style loveseat - \$30. Home made Pine entertainment center - \$85/OBO. 446-1012.

PANASONIC Upright Vacuum - \$20. Compact Car cover - \$20. 377-5554.

### 40 MISC. FOR SALE

TANNING BED for sale. Like brand new, 6 month old, great for upcoming winter months. Contact Bob after 4:30 p.m. 377-4121, leave message.

FOR SALE: Must sell 1 couch and rocking chair - \$70/OBO; and 1 queen bed - \$60. Please call Bob or Star - 446-5405.

### 45 GARAGE SALES

GOING OVERSEAS - MUST SELL EVERYTHING! Sat. Nov. 10, & Sun. Nov. 11, 7a.m. - 3p.m. 409 Hubbard Circle (On base).

### 50 PETS/SUPPLIES

MINIATURE DACHSHUND. ONLY 2 FEMALES LEFT. \$150/OBO. Male & Female parents on premises. If not home leave Message on tape. 375-7010.

### 55 REAL ESTATE

BUY YOURSELF A Christmas present. \$5,000 down, assume VA loan. NO QUALIFY. 375-7929. Leave message.

MAMMOTH LAKES, Ca. - 1BR/1bth, 2BA - timeshare unit. Delightfully furn., views. Own a piece of Mammoth. Only \$22,200. Call Donna Total for details. 1-800-462-5583 or (619) 994-2662.

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(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 443-6743 (commercial)

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**NWC Rocketeer**



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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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call

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446-6969

## NWC sailors recognized for distinguished service

Exceptional work, dedication to duty and a high level of professionalism brought six Naval Weapons Center sailors recognition for performance above and beyond the call of duty last Thursday at the Seafarer's Club.

Capt. Douglas W. Cook, NWC Commander, and Capt. Gene Allen, NWC Chief Staff Officer, congratulated and presented the military men with three Navy Commendation Medals, two Navy Achievement Medals and a Distinguished Marksman Award.

Master Chief Avionics Technician Billy Wayne Keeler received the Navy Commendation Medal from Antarctic Development Squadron Six for meritorious service as command master chief from February 1987 to July 1990. Keeler was praised for setting the standard of the Navy's Command Master Chief Program where his concern and support of Navy programs beneficial to enlisted members and their families was unmatched. The results of his efforts included increased retention of quality personnel, excep-

tional command morale and minimal disciplinary problems.

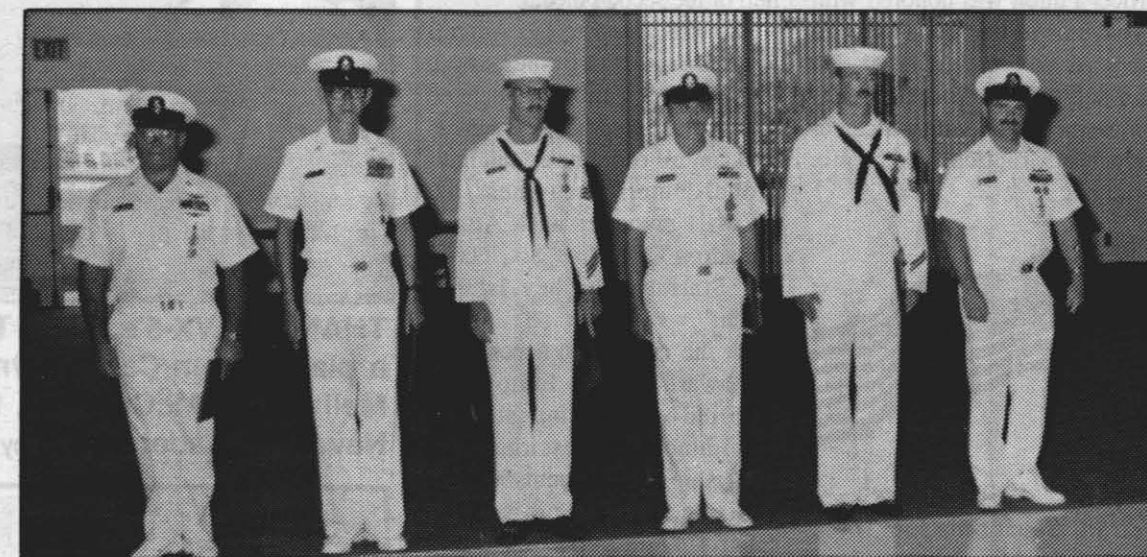
Also receiving the Navy Commendation Medal from his previous command was Chief Yeoman Fredrick Eugene Shanholtz. He

was recognized "For meritorious service while serving as Executive One Division officer and leading chief petty officer and Weapons Department administrative officer in USS New Jersey

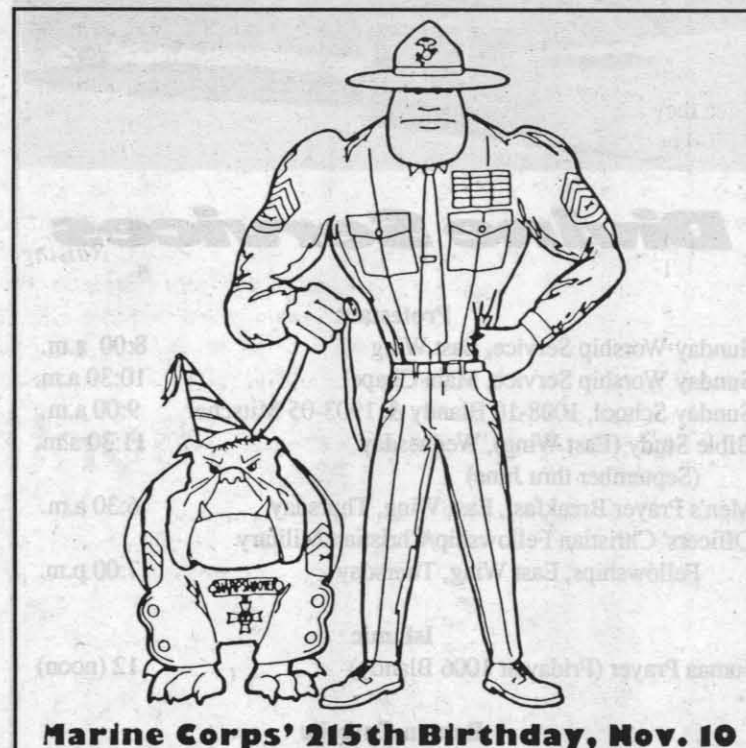
(BB 62) from May 1988 to June 1990," read the citation letter. The third recipient of the Navy Commendation Medal was Mess Management Specialist First Class, Fredrick Allen Gilchrist.

While stationed with Fleet Activities Chinhae, Korea, Gilchrist "expertly guided the Commissary Store into a cohesive, well-trained, mission-oriented organization dedicated to providing unprecedented levels of customer satisfaction," stated the citation letter. His extensive knowledge of commissary personnel, civilian employees and patrons, enabled him to enhance the Navy Resale System mission of providing the highest degree of professionalism to its customers.

Exceptional skill and tireless energy while serving as NWC Command Career Counselor from April to August 1990, earned Chief Operations Specialist Norman Dennis Colwell the Navy Achievement Medal. The citation, signed by Capt. Cook for the Secretary of the Navy read in part, "by his efforts, Chief Petty Officer Colwell improved the overall retention average from 56.10 percent to 73.20 percent. His diligent efforts and resourcefulness inspired all who observed (Continued on Page 4)



**STANDING TALL AND PROUD** - Six Naval Weapons Center sailors were recognized for exceptional work, dedication to duty and a high level of professionalism. Servicemen AVCM Keeler, YNC Shanholtz, MS1 Gilchrist, OSC Colwell, MA1 Morgan, and GMC Hines (left to right) proudly received medals and citation letters from NWC Commander Capt. Douglas W. Cook for honored service. Photo by PH3 Cary Brady



**UP THE RANKS** -- The newly promoted SSgt. Robert F. Dixon tries not to laugh at Col. Agnbroad's (MAD CO) sense of humor while the sergeant's wife, Marybonn, joins in on the fun.



**COMMUNITY SUPPORT FOR SEA CADETS APPRECIATED** -- Capt. Raymond A. Kellett, VX-5 Commanding Officer, presents aircraft portraits and Letters of Appreciation to Dianne Sanford, Schooner's Saloon manager (left, center), and Annie King, Soda Works (right, center), for assisting the Sea Cadets in the recent Inyokern Air Show and NWC Navy Birthday Celebration. Both establishments provided hotdogs, buns and soda machines for booths supporting the Cadets. Also pictured (left to right) are Sea Cadets Bill Weston, Henry Serna, and Tracy Price. Photo by PH3 Cary Brady

## Facts about Dependents Dental Plan

A lot of sailors still don't understand or know about the Dependents Dental Plan (DDP). DDP is an insurance program where the premium is cost-shared by the service member (40%) and the government (60%). Current benefits include 100 percent coverage of diagnostic, oral exams and preventive services, and palliative emergency care and sealants on permanent molars to age 14.

Eight percent coverage is provided for basic restorative service of amalgam and composite

restorations and stainless steel crowns for primary teeth, and repairs to complete and partial dentures and new benefits for prefabricated resin crowns and partial payment toward some cast crowns for permanent teeth.

The cost of the premium is the best feature of DDP. Singles pay \$4.57 a month; families \$9.14 with the cap currently at \$10 per month. If rising dental bills for your family have you in a pinch, ensure you're on DDP.



## China Lake service personnel honored for exceptional work

Six China Lake sailors were honored by Capt. Douglas W. Cook, NWC Commander, and their shipmates recently.

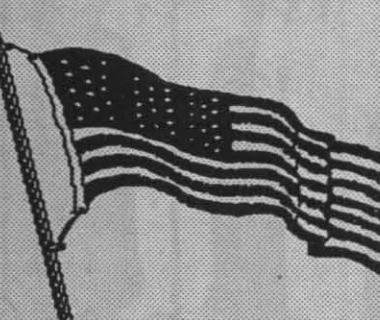
The service members were recognized for exceptional accomplishment at the Naval Weapons Center and previous commands at a quarters ceremony held in Hangar Three. Capt. Cook made the presentations while the citations were read by Cdr. G. H. Baron.

Chief Louis J. Gergel, Jr., assigned to the Aircraft Department's GSE Shop, recently received the Navy Achievement Medal for work while assigned to Patrol Squadron Forty.

ADC Gergel was commended for "displaying superior technical expertise and outstanding leadership skills." The citation, signed by RAdm. J.J. Hernandez, commander, Patrol Wings, U.S. Pacific Fleet, praised the veteran chief petty officer for developing and implementing a comprehensive maintenance training program while serving as power plants CPO and first lieutenant CPO from March, 1987 to July, 1990. His efforts were credited with playing a major role in preparing the squadron for pre-deployment and post-deployment inspections.

AMS1 (AW) Fred T. Fulton

received a Navy Achievement Medal from Capt. Cook. Petty Officer Fulton was honored with a gold star in lieu of his second Navy Achievement Medal. He was saluted for "professional achievement as command career counselor, Tactical Electronic



Warfare Squadron One Three Three from May 1989 to June 1990.

The citation, signed by RAdm. Bruce B. Bremmer, commander, Medium Attack Tactical Electronic Warfare Wing, U.S. Pacific Fleet, praised AMS1 Fulton for achieving a 100 percent increase in squadron first term retention and a 35 percent overall retention increase. This, noted the citation, led to significantly enhanced squadron morale and brought about his selection of the wing's Career Counselor Prowler of the Year for 1990.

For the second time in his Navy career, AMS2 Kenneth T. Murray has earned a Navy

Achievement Medal. The career sailor received the gold star in lieu of the second medal.

Now assigned to the Aircraft Department's Airframes Shop, Petty Officer Fulton was saluted for "professional achievement as tool control coordinator and individual material readiness list (IRML) manager with Attack Squadron One Nine Six, Naval Air Station Whidbey Island, Wash."

In the citation to accompany the award, AMS2 Fulton was credited with "demonstrating uncommon professionalism, leadership and determination." In addition, he was praised for superb organization of the tool control and performance measuring equipment calibration programs for the squadron. His IRML work resulted in 100 percent accountability for items valued at more than \$4.5 million.

In addition, AD3 Robert L. Burrows received his aircrewman wings from NWC's Skipper.

During the ceremonies, the Center's Bluejackets of the Quarter were formally presented their certificates -- AZ2 Brenda Ford as the Senior Bluejacket of the Quarter and PR3 Peggy Myers as the Junior Bluejacket of the Quarter.

(See Photo on Page 1)



**THANKS - VX-5's NCCS Terry L. Wilkins receives a plaque from Capt. Raymond A. Kellett and AV3 Melinda M. McCutchan, for supporting the U.S. Naval Sea Cadets.** Photo by PH3 Rob Foster



## Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 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.
Islamic	
Jumaa Prayer (Friday at 1006 Blandy)	12 (noon)
Roman Catholic	
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 Blandy, 1008-10 Blandy & 1903-05 Mitscher	
Jewish	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandy)	9:00-10:00 a.m.
Religious Education (Sunday at 1004 Blandy)	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

## Military members excel beyond the call of duty

(Continued from Page 3)

him and contributed to the accomplishment of the Center's mission."

Earning the Navy Achievement Medal was Master-At-Arms First Class Jeffrey Scott Morgan. Working as a patrol/explosive military working dog handler, for Commander, U.S. Facility, Security Department, Subic Bay, Republic of the Philippines, he directly contributed to the outstanding accomplishments of the Navy's largest kennel and earned the Chief of Naval Operation Award for best kennel in fiscal year 1988. "As petty officer in charge of the late shift, he incorporated innovative operational concepts and implemented superior standards and procedures, improving the operating efficiency of the facility," read the citation to accompany the award. A new addition to the NWC team, Morgan will be working with the China Lake Police Military Working Dog Program.

The highest achievement in the field of competitive marksmanship with the service rifle is denoted by designation as Distinguished Marksman Badge. Gunner's Mate Chief Ricky L. Hines became only the 167th enlisted member to receive this distinguished award after he completed the requisite credit points at the top level of competition.

After the awards portion of the quarters assembly, Capt. Cook opened the floor to all military personnel for questions and answers. He covered such topics as the decrease in military forces, changes in the gate hours, new airfield security procedures and the effect of Desert Shield and what role the Center plays supporting those in Saudi Arabia.

## Entries wanted

The U.S. Naval Institute is accepting entries for its 17th annual Vincent Astor Memorial leadership Essay Contest. The contest is open to junior officers and officer trainees of the U.S. Navy, Marine Corps, and Coast Guard.

Entrants must write essays on the topic of leadership in the U.S. Navy, Marine Corps, and Coast Guard. Entries must be postmarked by Feb. 15 1991 and must not exceed 4000 words. The first prize winner will receive \$1500, a Naval Institute Gold Medal and a life membership in the Naval Institute. The first honorable mention winner will receive \$1000 and a silver medal.

For a complete list of contest rules, write the U.S. Naval Institute Membership Department, Annapolis, Md., 21402 or call, toll free (800) 233-USNI.

## Community Events

Russell Patton, a Ridgecrest Boy Scout working on an Eagle Scout project, is seeking community assistance in gathering new or used paperback books. As a part of his project, books donated will be shipped to military personnel in the Persian Gulf. Books will be picked up as part of the Boy Scout canned food drive in NWC's housing area on Nov. 17. Books can also be left in drop boxes set up at Albertsons and Vons between tomorrow (Saturday) and Nov. 16.

Chapter 227, American Association of Retired People (AARP), will hold their next meeting at the Ridgecrest Senior Center, 125 S. Warner St., at 1 p.m. on Nov. 11. Officers for the next year will be elected at this time.

From Nov. 10 through Dec. 12, the *Many Moods of Owens Lake* will be depicted in paintings rendered in watercolor, acrylic and oil by local artist Ruth Amster at the Maturango Museum. The show is sponsored by Country Junction. Admission to the museum is \$1 for adults and 50 cents for children.

On Wednesday, Nov. 14, the Burroughs Band Boosters will have a meeting in the BHS Band Room at 7 p.m. All present and past band members, parents and members of the community interested in the high school band program are invited to attend.

Indian Wells Valley Genealogical Society meets tonight, the 2nd Friday of the month at 7 p.m. in the meeting room behind the Kern County Library. The program includes a video called "Honor thy Father and thy Mother." This 30 minute film is about how to videotape a family biography. People coming in between 6:10 and 6:50 p.m. will be participating in a Genealogy Share Fare. For additional information call Ildean Chase at 375-5127.

Members of the Sierra Amateur Radio Club have scheduled their November meeting for Monday (Nov. 12) in the Red Rock Canyon Room of Ridgecrest's Kerr-McGee Center. The session is set for a 7:30 p.m. start. Guest speaker this month is Stan Sanders, WB6VQY, who will discuss earthquakes and disasters. For more information call Steve Rainey at NWC ext. 5613.

## F/A-18 subject of talk at Navy League dinner

Indian Wells Valley's Navy League chapter has a dinner meeting on Nov. 15 at the White Star Dining Co. Cdr. Chuck "Doc" Antonio from VX-5 will describe the night attack mission of the F/A-18 Hornet and current developments improving its night fighting capability. Social hour is at 6 p.m. with dinner following. The general public is invited! For more information, call 375-7859.

## Artistic workshop scheduled Nov. 10

Molly Kohlschreiber will offer an acrylic/watercolor workshop on Sat., Nov. 10, from 9:30 a.m. to 4 p.m., at St. Michael's Church. Registration, which includes a \$20 fee, will be taken at the Maturango Museum. For more information call 375-6900.



**Sunday night!** Watch the 49ers/Cowboys NFL game live on ESPN Channel 14 at 5:00.

## Free Cellular Phone

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## CCCC offers parenting tips

Each week, Community Connection for Child Care provides special parenting tips through their Parenting Tape Program. Interested parents can listen to these helpful, three to four minute tapes from 5 p.m. to 10 a.m. by calling 375-0446.

The schedule and names of tapes being shown in November is as follows:

Nov. 10-16 -- *Not Quite Grown Up Yet* deals with handling parental fears about independence and experimentation.

Nov. 17-21 -- *Nutrition Needs* gives information on nutrition, portions and introducing new foods.

Nov. 22-30 -- *Problem Eaters* offers suggestions on how to cope with common eating problems.

## Children's Christmas party scheduled

It's a *Just for Kids* Christmas Party at the NWC Youth Center on December 1. Festivities include caroling, cookie decorating, Santa and more!

Special activities for children 0-5 years run from 5:30-6:30 p.m., while activities for all kids will be held from 6:30 until 9 p.m.

Tickets, which are available at the Youth and Child Care centers, run \$3 for military, \$4 for DoD personnel and \$5 for all others.

For more information, call NWC ext. 3097.



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## Promotional opportunities

(Continued from Page 19)

Branch and Division in regards to existing radar performance and requirements for upgrades and new systems. Applicants must be able to communicate both orally and in writing with all levels of personnel. Overtime and out-of-hours work are required. Promotion potential to DP-3, but not guaranteed. To apply, submit a current SF-171 to Butch Tague, Code 6236, NWC ext. 6323.

### Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

No. 00-008, Secretary (Typing), DG-318-2/3, Code 03 - This position is located in the office of the Laboratory Director. Provides secretarial and administrative assistance to the Deputy Laboratory Director. Acts for the secretary for the Laboratory Director approximately 15% of the time. Supports Directorate staff members. Schedules Directorate conference room. Experience in handling classified materials is required. Requires ability to effectively support a high volume of official visitors and maintain multiple daily and weekly schedules for the Laboratory Directorate Office. Experience in reviewing and writing official correspondence is preferred. Previous applicants need not apply.

No. 31-076, Secretary (Typing), DG-318-1/2, Code 3144 - The incumbent will provide secretarial and administrative support to the F/A-18 Avionics and Weapons Integration Branch. Ability to develop proficiency in operating a Macintosh desktop personal computer is required. Knowledge of word processing software is desirable. Full promotion potential of the position is DG-2. The area of consideration for this position is the 03 Directorate. Previous applicants need not reapply.

No. 31-080, Secretary (Typing), DG-318-1/2, Code 3193 - The incumbent will provide secretarial and administrative support to the AV-8B Systems Engineering Branch. Knowledge and working skill on the Macintosh PC is desirable. Promotion potential to DG-2. The area of consideration for this position is the 03 Directorate.

## Soldering classes planned

Two soldering courses have been planned for December. A 40-hour high-reliability soldering course to MIL-STD-2000 will be held Dec. 10-14, while a 24-hour recertification course will be held Dec. 17-19. Both classes will be held from 7:30 a.m. to 4:30 p.m. at 543 Graef Street. A current eye exam is necessary for either class.

The first class is for government/contractor personnel needing certification as inspectors or operators. Previous soldering experience is required.

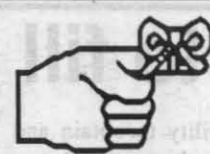
The second course is for government/contractor personnel requiring annual recertification as inspectors or operators. Previous certification to MIL-STD-2000 is required.

To register for either class, call the Soldering Technology Training Facility, Code 36812, at 446-5571.

## CSUN professor visits NWC

Professor Ileana Costea of California State University, Northridge (CSUN) will be on Center Nov. 15 to advise current and prospective students in the master's degree programs in applied mechanics and systems engineering offered by the school.

Those wanting an appointment to see Professor Costea should call Helen at NWC ext. 2648.



## Don't forget fellow workers in need of additional hours

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should call NWC ext. 2018.

Patricia Jaime, Editorial Assistant, Code 3647 -- is undergoing medical treatment and needs leave.

Susan E. Gehres, Secretary, Code 3112 -- was involved in a car accident and is under a doctor's care at Loma Linda. She will not be able to return to work until March.

Madeline Kay Blackston, Computer Security Specialist, Code 6447 -- is required to care for her husband who has terminal lung cancer.

Cheryl Mosley, Secretary, Code 3217 -- is in need of leave to care for her son who underwent surgery.

Lorraine Gunther, Supervisory Mathematician, Code 303 -- underwent emergency surgery and is indebted for leave.

Jo Miller, Mathematician, Code 3191 -- is in need of leave due to multiple medical problems.

Teresa McGowan, Equipment Specialist, Code 3641 -- is indebted for leave due to major surgery.

Ronald Ward, Materials Engineer, Code 3268 -- is in need of leave in order to be with his wife who is in critical condition at Loma Linda.

Shirley Hoggard, Accounting Technician, Code 2855 -- underwent open heart surgery for two valve replacements and is indebted for leave.

Deborah Leonard, Secretary, Code 6535 -- had

a gall bladder attack and is indebted for leave.

Teresa Clower, Procurement Clerk, Code 2623 -- is taking care of her husband who has had two major hip surgeries. She has exhausted all her leave.

Tamera Nelepovitz, Electronic Technician, Code 3573 -- is experiencing severe complications due to dependent diabetes and is indebted for leave.

Joseph Sapp, Laborer, Code 26415 -- underwent surgery for a broken ankle.

Sheilah K. Fultz, Research Chemist, Code 3686 -- is taking care of her terminally ill mother.

Gene Linard, Mathematician, Code 2843 -- is in need of leave to take care of his wife during her illness and recuperation.

Linda Watkins, Procurement Analyst, Code 2504 -- is in need of leave due to ongoing treatment for cancer.

Karen Linard, Industrial Engineer, Code 3291 -- underwent major intestinal surgery and is in need of leave.

Polly Bainbridge, Secretary, Code 3922 -- is currently undergoing medical treatment and is indebted for leave.

Carolyn King, Engineering Data Management Specialist, Code 36541 -- underwent surgery.

George Petty, Physicist, Code 3924 -- was admitted to the Duke University Hospital on an emergency basis with the diagnosis of acute myelogenous leukemia.

Satik Martinsen, Management Assistant, Code 36402 -- is diagnosed as having nodular sclerosis Hodgkin's Disease and is currently undergoing treatment.

## CSUB counselors advise current, prospective students on school's external degree programs

Academic counselors of Cal-State University Bakersfield will be on-Center Dec. 7 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at the Naval Weapons Center by Bakersfield include a bachelor's

degree in business administration and a master's degree in administration. Bakersfield also provides math courses in support of other programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Helen Benes at NWC ext. 2648.

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## Code 38 benefits from first CRDA at NWC

Another first for the Naval Weapons Center was achieved recently when NWC received \$46,000 from Rockwell International and Raytheon corporations to fund the first Cooperative Research and Development Agreement (CRDA). Don Lincoln of the Center's Patent Counsel's office played a lead role in negotiating the first CRDA. He noted the agreement, which allows the sharing of personnel, equipment and facilities between federal government agencies and non-governmental entities to facilitate joint research, was made possible by the 1986 Technology Transfer Act.

Lincoln also noted the non-governmental entity can contribute funds to the joint project, in this case, \$46,000 to allow NWC to hire a post-doctoral research fellow selected by the American Society for Engineering Research (ASER).

The post-doctoral fellow will do research work on mercury-cadmium-telluride compounds for use in low-temperature metal-organic chemical vapor deposition. He will be supervised in this research by Dr. Kelvin Higa and Dr. Robert Gedridge of NWC's Research Department.

If research is successful, there may eventually be less waste in production of computer chips and the chips themselves may be more efficient, by several orders of magnitude, and more impervious to electrical interference.

It took nearly a year of negotiation between Raytheon, Rockwell and the Office of the Chief of Naval Research and NWC before a final agreement was reached. NWC, like other Navy installations, follows DOD 3200 12-R-4, Domestic Technology Transfer Program Regulations.

One of the last major stumbling blocks was language in the agreement assuring all parties any work done under term of the cooperative agreement could be patented first by NWC, then under certain circumstances, by Rockwell and Raytheon. The delineation of patent and licensing rights had to be clearly set forth. These rights determine who receives royalties in the future should inventions resulting from this research be further licensed to other companies.

Prior to the 1986 Federal Technology Transfer Act, these contracts were confined to agreements with non-profit institutions and small businesses. Federal laboratories had limited cooperative agreement authority. "The purpose of the Technology Transfer Act is to improve this nation's competitive position in the world economic market place by more efficiently transferring federally-developed technology to the private sector," commented Lincoln. He cited several reports, including one done for the House Subcommittee on Science, Research and Technology, which showed the laboratory facilities and their inventions could be better utilized. As a result, the 1986 Technology Transfer Act, through the CRDA, provides the most flexible mechanism for joint research efforts. "It is limited only by the imagination," noted Lincoln.

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**CRDA CHECK--Ron Derr, head of the Research Department, accepts the \$46,000 check to fund the CRDA position from Capt. Douglas W. Cook, NWC Commander. Looking on are Don Lincoln, Office of Counsel, Dr. Kelvin Higa and Dr. Robert Gedridge of the Research Department. Photo by PH3 Cary Brady**

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# More restrictive access policy to flightline

(Continued from Page 1)

inspection team was a lack of control over personnel and vehicles on the flightline, DeBold said.

To address this problem, the team proposed the building of a fence starting at Rampway 25 (see map), turning between the parking lot and the F/A-18 Weapon Systems Support Activity (WSSA) Building, encircling the fuel farm, up Skyhawk, across Harrier and continuing west on the north side of Banshee, putting the old Ordnance Building and surrounding facilities behind the new security fence (see map). The enclosed area will then be called the "flightline," for area access purposes.

Construction of the fence began this week and should be done by the end of November, although the contractor has until January to finish. Gates and/or turnstiles will be located at various strategic points to allow entry by authorized personnel.

According to DeBold, once the fence is up, use of private vehicles and bicycles on the flightline will be eliminated. "There will be no private vehicles (or bicycles) within the flightline," he said. "Capt. Cook is setting the tone for this new rule by excluding access for his private vehicle. There will be no exceptions except to accommodate special requirements for handicapped employees."

Area access will also be tightened and strictly controlled. In a study conducted by the improvement team, it was discovered there were only 1,500 people who have consistent need to enter facilities inside Armitage Field's flightline. Currently, 7,000 people have access. When rebadging starts, which will be in the near future, only the people working in or needing accessibility to facilities within the flightline three or more time per week will be authorized the use of the letter F (for flightline) on their badges. People who have access to Armitage Field, denoted on the badges by the letter A, will still be able to visit facilities outside the flightline.

Control of authorized personnel entering the flightline through gates at the fence could be started as soon as it's in place, badging completed and security guards trained, noted DeBold.

Currently, access controls are planned for implementation in January, with a two-month period allotted for fine tuning initial controls.

Other Phase I measures will include increased security training for people working within the flightline and security guard personnel, increased training for military personnel pulling watch duty and better communication between them, the police and fire divisions. In addition, there will be security briefings for foreign

military visitors and a policy on readiness drills for security forces.

The OPNAV instruction also requires "one or more electronic intrusion detection sensor systems will be installed on or near the fence and vehicle restraining cable system. . . ." DeBold noted this part of the instruction will be taken care of in Phase II of the security improvement process.

"There are still a lot of open ended questions," said DeBold. "But we wanted to give NWC employees a 'heads up' and to keep them informed on what is going on."

"Updates on the improved airfield security will be forthcoming," he added.

## Safety Program Office schedules seminar helping holiday drivers

One last presentation of the 1990 Holiday Traffic Safety Seminar is set for Wednesday, Nov. 14, at the Naval Weapons Center Theater. Starting time is 2 p.m.

For the last several years, motor vehicle mishaps have accounted for approximately 60 percent of the accidental deaths of Navy personnel. Motor vehicle accidents, with the accompanying injuries and fatalities, as well as drunk driving arrests, increase dramatically around this time of year -- the holiday season. Many people have already begun to plan for holiday travel. Whether traveling a long distance to visit relatives, or just driving across town to a party or shopping -- make safety part of your travel plan.

To better prepare you for some of the dangers we all face while driving during the holiday season, the Safety Program Office (Code 2405) is presenting the *Holiday Traffic Safety Seminar*. Sergeant Gary Goldy from the California Highway Patrol will be presenting an informative discussion focusing on drunk driving, seat belt safety and highway fatigue.

The holiday season should be a time of joy and celebration, of giving and receiving, of being with loved ones. Unfortunately for too many, this time of joy becomes a time of tragedy and sorrow because of a motor vehicle accident. Our greatest gift during the holidays is life and health. Know how to be a safe driver -- and be the safest driver you know. Plan on attending this year's *Holiday Traffic Safety Seminar*.

Call 375-4481

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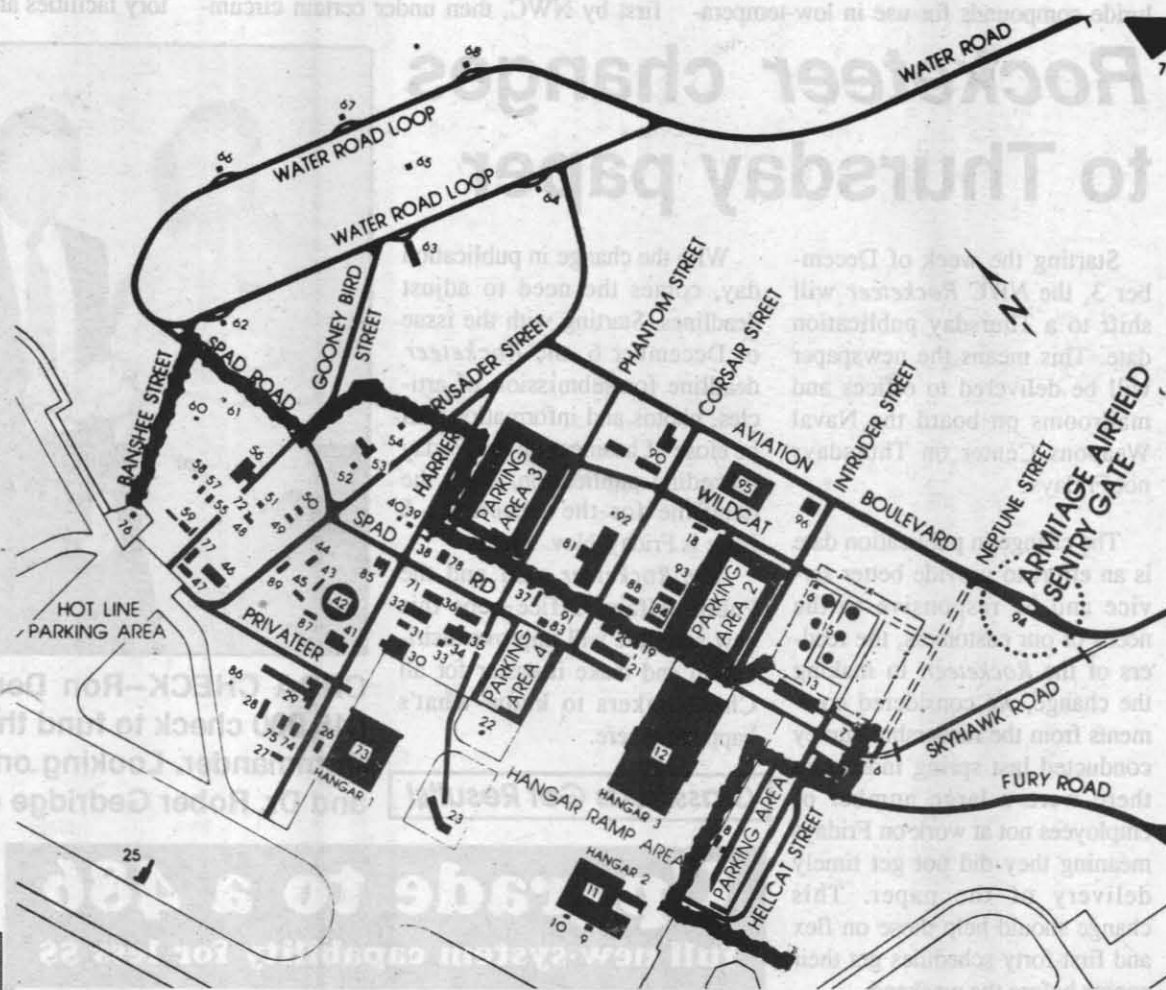
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**NEW FENCE--** Improved Armitage Field security will be provided in part by a new fence, indicated by the bold wavy line, scheduled for completion later this year.

## Adm. Kelso stresses true EEO

(Continued from Page 1)

society in the integration of minorities, zero tolerance of drug use and equal opportunity for the professional advancement of women. The Navy must become a model for establishing a work place free of harassment for all our people. The American public rightly holds us to the highest standards. We have the advantage of screening everyone who will wear a Navy uniform from the outset. As we draw down in size, we can be even more selective when determining who will join our ranks and who will be retained.

We must strive to provide work and living places free from fear, intimidation and unprofessional conduct. Only in such an environment can our men and women excel. The personal involvement of each officer, CPO and sailor is needed to achieve this essential goal.

# Qualified workers needed to fill vacant job positions

## 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. 31-079, Interdisciplinary (General/Electronics/Electrical/Aerospace/Mechanical/Industrial Engineer), DP-801/855/850/861/830/896-2/3, Code 31D** - This position is in the Advanced Systems Project Office of the Aircraft Weapons Integration Department. The incumbent will assist in the WSSA functions of weapons integration for the A-12. The job will involve all aspects of weapons integration including review and comment on the design and contractor prepared documentation, assisting the contractor in the actual job of integrating the various weapons on A-12, assist in planning and execution of contractor and government testing including DTE/OTE and advising the government on issues of concern. Selectee must be able to obtain and maintain a Top Secret security clearance. Promotion potential to DP-3. To apply send and updated SF-171 to A. Locke, Code 31D, NWC ext. 4802.

**No. 31-081, Interdisciplinary (Aerospace/Mechanical/General Engineer), DP-801/830/861-2/3, Code 3182** - This position is located within the Weapons Survivability Lab (WSL), Survivability & Lethality Division, Aircraft Weapons Integrations Department. The incumbent is responsible for the design, development, and implementation of hardware and facilities supporting survivability and aerodynamic test programs. Tasks routinely involve design of large steel structures, aircraft modifications, unique test support equipment, pneumatic and hydraulic systems, and computer aided design and analysis. The incumbent monitors fabrication, installation, and operational checks of completed designs. Duties include acting as a general engineering consultant and a range engineer in support of all WSL programs and providing direct technical support of facility designs and improvements. To apply, send a current SF-171 to Jay Kovar, Code 3182, NWC ext. 6401.

**No. 35-013, Interdisciplinary General Engineer/Mechanical Engineer/ Electrical Engineer/Electronics Engineer/ Aerospace Engineer/ Physicist/Mathematician/ Computer Scientist DP-801/830/850/855/861/1310/1520/1550- 2/3, Code 3523** - This position is located in the Software Development Branch of the Weapons Systems Development Division. The branch does hands-on analysis design, coding,

programming. Ability to obtain and maintain a secret clearance is necessary. Promotion potential to DP-3, but not guaranteed. To apply, submit a current SF-171 to Ken Bailey, Code 6436, NWC ext. 2951.

**No. 62-032, Electronics Engineer, DP-855-2/3, Code 6236** - This position is located in the Radar Branch of the Instrumentation Sys-

tems Division of the Range Department. The incumbent will provide hardware engineering for the North Range Radars, which includes the designing of hardware. The incumbent will also fabricate, operate, and maintain North Range Radars systems used for missile and aircraft testing on NAVWPNCEN North Range. The ability to design, trou-

bleshoot, repair, and maintain radar transmitters, solid state and/or tube receivers, servo systems, data systems, and video systems for pulsed tracking radar systems is expected. An understanding of digital and/or analog circuit design and radar systems is desired. The incumbent will function as technical advisor to the

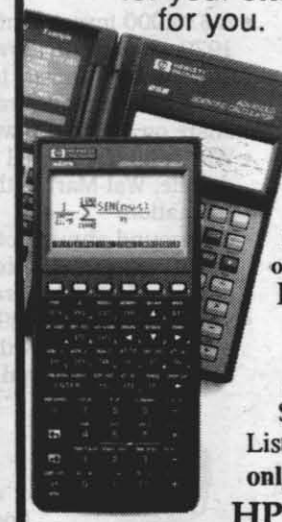
(Continued on Page 20)

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## Promotional opportunities available to NWC employees

(Continued from Page 16)

position is located in the Air Operations Branch of the Range Department. As a Flight Test Specialist the incumbent is responsible for assisting project personnel and range customers

in the preparation and planning of air tests on the NWC north ranges. Duties include range safety, coordinating range resources, drawing flight profiles and trajectories, and conducting tests on the NWC air ranges. Job Relevant Criteria: Skill

in using computers; knowledge of basic mathematics; knowledge of NWC test range operations; ability to communicate orally; ability to work independently. Promotion potential to DS-3.

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Get a head start on holiday shopping for all the men in your life.

And save **25-40%** off in all Men's departments:  
Men's Sportswear, Clothing, Furnishings & Young Men's

Great savings on popular menswear fashions including:

### MEN'S SPORTSWEAR

Jantzen basic sweaters. 100% orlon sleeveless, v-neck and acrylic cardigan styles. Reg. \$22-36. Sale 33% off.\*  
Assorted solid and fancy sweaters. Cotton and acrylic styles. Orig. \$36. Sale \$21.97.  
London Fog turtle-necks. Reg. \$18. Sale 25% off.\*  
Entire stock of short sleeve knit shirts and long sleeve flannel, twill and plaid shirts by Van Heusen and Arrow. Orig. \$24. Sale \$17.97.  
Solid knit shirts. Pique and interlock collar and placket styles. Orig. \$20. Sale \$11.97.

New Work fleece separates. Orig. \$42. and \$45. Sale \$24.97.  
Pierre Cardin fleece separates and jog suits. Reg. \$36-75. Sale 33% off.\*  
Entire stock of outerwear. Choose from leather, poplin, canvas and ski jackets. Reg. \$19.97-300.00. Sale 33% off.\*  
Entire stock of Haggar sport coats. Reg. \$125. & \$150. Sale 33% off.\*

### MEN'S CLOTHING

Haggar belted tri-blend slacks. Orig. \$38. Sale \$28.97.  
Haggar expandomatic slacks. Reg. \$34. Sale 25% off.\*  
Corduroy pants. Orig. \$30. & \$32. Sale \$21.97 & \$24.97.  
Levi's jeans. Reg. \$36. Sale 25% off.\*  
Levi's Dockers casual pants. Reg. \$38-42. Sale 25% off.\*

### MEN'S FURNISHINGS

Van Heusen tone-on-tone dress shirts. Reg. \$21-25. Sale 25% off.\*

Arrow Bradstreet dress shirts. Reg. \$24-30. Sale 25% off.\*  
Entire stock of ties. Sale 25% off.\*  
Diplomat flannel pajamas. Orig. \$22. Sale \$16.97.  
Flannel robes. Orig. \$30. Sale \$14.97.  
Entire stock of Givency fashion socks. Orig. \$7. Sale \$4.97.  
Entire stock of Camp and Christian Dior socks. Sale 25% off.\*  
Entire stock of Prince Gardner wallets. Reg. \$20. Sale 50% off.\*  
Entire stock of Swank belts. Sale 25% off.\*

### YOUNG MEN

Permit knit and fleece shirts. Sizes S-XL. Reg. \$20-36. Sale 33% off.\*  
PCH separates. Selected shirts, shorts and pants. Sizes S-XL and waist sizes 30-36. Orig. \$16-48. Sale \$10.47-31.97.

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Ridgecrest store only  
Friday, Nov. 9  
10:00 am - 1:00 pm

## Near misses bring out safety concern

Who wins in a contest between motor vehicles and aircraft? If the question is speed, our military aircraft operating at Armitage Field win hands down. If the question is who wins in a game of tag, the answer is...no one.

Working around an airfield and military aircraft can be hazardous, but by following the applicable rules and regulations these hazards can be dramatically reduced. Lately there has been an increase in the number of near miss situations involving motor vehicles and aircraft. Unfortunately, near misses are serious accidents that might have occurred had circumstances been slightly different. Timing is probably the most common circumstance that can change a near miss to a serious mishap.

Recently, a Navy vehicle crossed the active runway after requesting clearance. The driver apparently thought he'd received approval to cross, because cross he did. Unfortunately an aircraft was in the landing pattern at the time. Had the timing been different...but we're not finished yet, this same driver again requested clearance back across the runway some time later. Again the driver thought that clearance to cross had been approved by the China Lake Tower. It hadn't. This time the aircraft was on short final. During both of these situations it was only a matter of timing. Had the timing been a little different, losses would have been counted in lives and in millions of dollars.

Vehicles aren't the only problem. Recently two individuals decided that the shortest distance between two points was across the runway, so they walked out onto it. No aircraft were landing, but again, they could have been. NAVWPNCENINST 3710.3B is the Air Operations Manual for the Naval Weapons Center. It

requires that all vehicles utilizing the airfield runways and taxiways be properly painted (either red, yellow, or have a red and white checkered top) or will display a red and white checkered flag (available in the flight support Office located in the Airfield Terminal). It also requires all personnel operating vehicles on the ramps (those cement areas between the hangars), taxiways or runways to first attend an airfield operators brief. Personnel may sign up to attend by contacting Code 6112 at NWC ext. 5550. Upon completion of the brief personnel will be issued a card authorizing them to operate a vehicle on the airfield. This card requires an annual update by attending the brief.

REMEMBER! All ramps, taxiways and runways are under the direct authority of the Air Traffic Control Branch, use of or access are under their direct authority. When in doubt about whether or not you can travel in these areas...DON'T!!! Request approval by radio or telephone. The life you save may be your own. Questions on these matters should be directed to ACC Hillewaert or ACC Adam at NWC ext. 5550.

### ETANN Chips from Intel

The ETANN (Electrically Trainable Analog Neural Network) chip:

- 64 programmable processing elements or neurons
- 10,240 programmable analog weights (6-bit accuracy)
- development system underway to download network trained by CSS's BrainMaker
- up to two-billion interconnects per second in run-time mode
- Intel's ETANN chip was thought up & high-level designed at NWC by a team led by Dave Andes

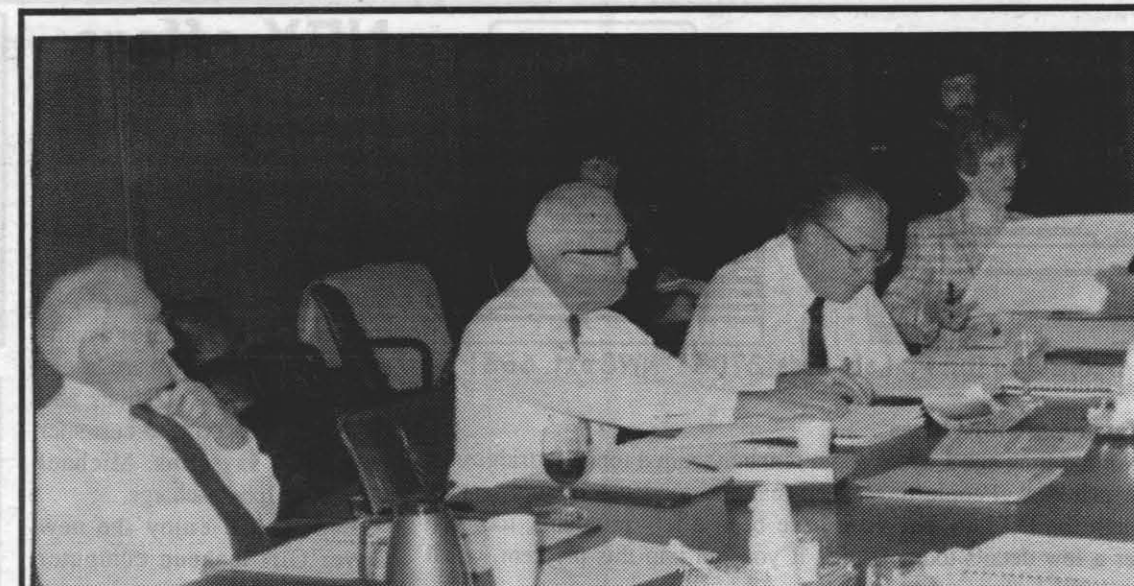
We stock CSS's BrainMaker only \$145 (list \$195). For all your Intel needs: CPUs, math coprocessors, Above Boards, Inboards, & modems, think of us. We're your Intel PC Enhancement dealer.

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### Road work set near back gate

On Sunday, Nov. 11, workers will be resurfacing the widened portion of Richmond Road near Highway 178, weather permitting. According to Glen Dunn, project manager of the paving project, one lane will remain open. The project is expected to take the entire day.



**ANNIVERSARY PLANNING**—Members of the Naval Weapons Center's 50th Anniversary committee met again last week to continue discussion of what to do for the Center's 50th birthday in November, 1993. Hack Wilson (left), Bill Davis, John DiPol and Fran Rugg (right) were among those attending the most recent meeting. The committee's next session is set for April, 1991. TID Photo by Butch Partin

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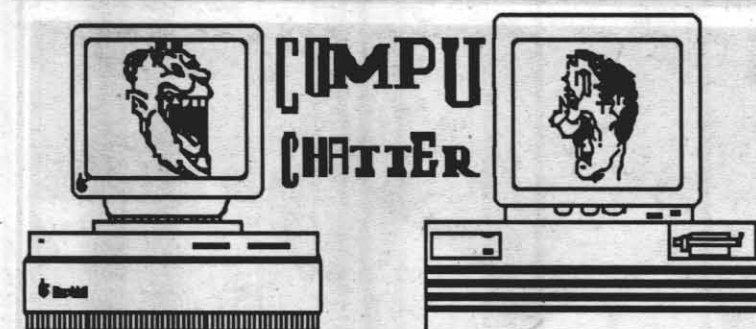
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#### Toner Cartridge Blues

Not too long ago I wrote about remanufactured toner cartridges for laser printers. People have been making good use of this service through the PC Lab, but there have been a few problems, too. I'll cover a few details today so that if you run into this problem, you'll know just what's going on.

First, the remanufacturing process is not performed here in Ridgecrest. The contractor which handles the toner cartridges sends the "old" cartridges out of town to be remanufactured. This process is more involved than just drilling a hole in the cartridge and pouring in some toner. The cartridges are disassembled, checked for damage, parts are replaced or repaired if required, cleaned, calibrated, refilled with toner, reassembled, sealed, and boxed for shipping. The remanufactured cartridges are then shipped out to the local contractor.

Second, when the cartridges are received by the local contractor, they are in sealed boxes, ready for delivery to you. Just like a brand new toner cartridge, we all make the basic assumption that the cartridge's performance will be up to par. And sometimes, a few cartridges with problems will slip through quality control to the customer. In this case, it is beyond the local contractor's control to guarantee a defective cartridge will never reach you, the customer.

But, if you do encounter a problem with a remanufactured cartridge you have just installed, call the PC Trouble Desk at NWC ext. 2575. If the cartridge is defective, it will be replaced at no charge. So, this should put your mind at ease if you've been concerned about the performance and reliability of using remanufactured toner cartridges.

By Bob Beane

#### Police maintain radar traffic enforcement efforts

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

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

week are listed below.

- Monday -- Blandy Avenue.
- Tuesday -- Inyokern Road.
- Wednesday -- Lauritsen Road.
- Thursday -- Randsburg Wash Road.
- Friday -- Richmond Road.

Violations may be cited at any time.

## NEX offers a new look

Don't miss the positive changes at the Naval Weapons Center's Navy Exchange!

To meet changing needs of customers, NEX features a variety of new items. "We are bringing in new lines of shoes and clothing in response to customer requests," says Ens. Michael Corsey, officer-in-charge.

Ladies will enjoy the new Cover Girl makeup computer which can help with color and skin tone decisions.

Music lovers shouldn't miss checking out the top forty compact discs which are now on sale at the NEX every month. In addition, all cassette prices have been reduced! A new selection of "oldies but goodies" will be available this month!

The Navy Exchange invites patrons to participate in tasting Brut Champaign and Ernest & Julio Gallo wines on Nov. 17.

Ensign Corsey urges NEX patrons to come in and check out the new changes. "Now, more than ever," he said, "we need our customers to provide feedback on what is hot and what isn't. Together, we can make this the best Exchange possible!"

#### Rocketeer sets holiday deadline

Because of Thanksgiving on Thursday, Nov. 22, the NWC Rocketeer deadline for the submission of stories and photos will be the close of business on Friday, Nov. 16.

All articles should be in the hands of the paper's staff before the close of business that day. Anyone who has a problem meeting this deadline is encouraged to call the paper at NWC ext. 3354 to see if different arrangements can be made.

## Nobody Beats Midas

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#### 2-WHEEL HI-TECH COMPUTERIZED ALIGNMENT \$19<sup>95</sup>\*

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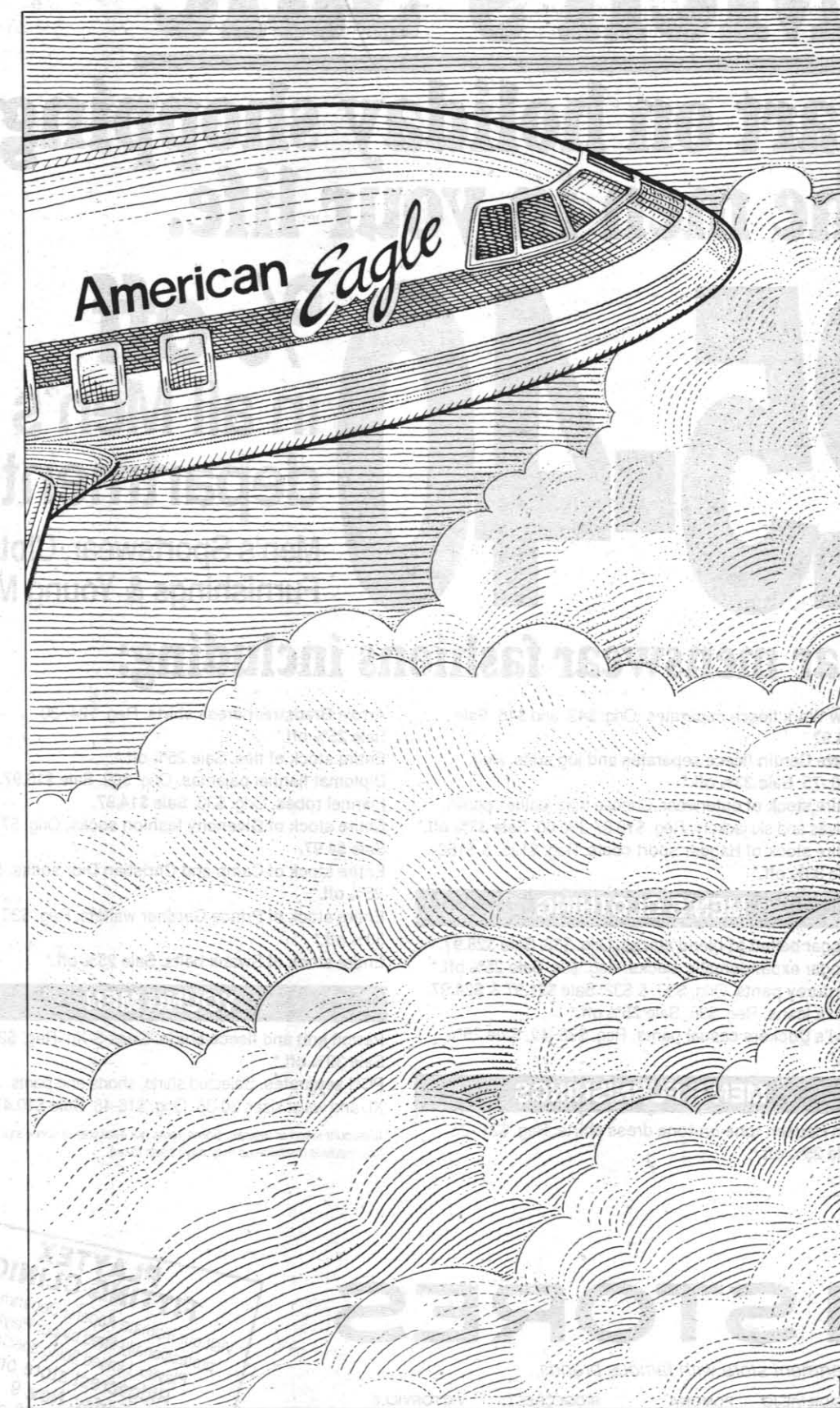
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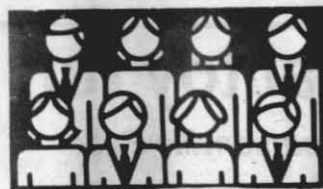
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# Personnel News & Notes

## 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. 22-007, Personnel Clerk/Assistant (Typing), DG-203-A/1/2, Code 226** - Incumbent performs the following duties for a major department(s): processes all actions affecting appointments, pay setting, separations, conversions of appointment, etc; performs competitive and noncompetitive qualification ratings; performs ranking and may conduct ranking/selection panels; and drafts vacancy announcements for recruitment. At the higher levels, incumbent advises and recommends to supervisors and managers recruitment options for certain occupations (e.g. clerical); participates in various phases of crediting plan development. **Job Relevant Criteria:** Knowledge of personnel policies and procedures related to staffing; ability to plan,

organize, and accomplish work independently; ability to perform a variety of clerical/technical functions; ability to research, comprehend, and apply complex regulatory information. Promotion potential to DG-3. Previous applicants need not reapply.

**No. 28-021, Computer Specialist/Computer Programmer/Computer Systems Analyst, DS-334-3, Code 2803** - This position is located in the Financial Information Systems Project Office under the Office of the Comptroller. The incumbent will be responsible for participating in and conducting software system development efforts which utilize structured techniques; will conduct research in software system development techniques, database, communication, and hardware systems; and will man-

age small and/or portions of large systems development efforts. **Job Relevant Criteria:** Knowledge of and experience in the application of structured techniques for software system development; ability to conduct complex analysis; ability to communicate orally and in writing. Promotion potential to DP-3.

**No. 28-028, Accounting Technician, DG-525-1/2/3, Code 2862** - This position is located in the Procurement Accounting Branch of the Accounting Division of Office of the Comptroller. Incumbent will serve as an Accounting Technician in the control and maintenance of cost accounting records and subsidiary ledgers. Duties include the review of incoming accounting documents and amendments for accuracy and completeness; extracting necessary information from source documents, collating the data and preparing forms to enter the data into the automated system; auditing computer outputs for accuracy; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project, budget, and supply personnel, and provides information on various vendor inquiries. **Job Relevant Criteria:** Knowledge of recording receivables, payables, accruals and costs; knowledge of recording costs in subsidiary and general ledger accounts and recording costs for purchase orders and contracts; ability to work accurately with figures to meet financial work deadlines; ability to deal effectively with people. Promotion potential to DG-3.

**No. 28-029, Lead Accounting Technician, DG-525-3/4, Code 2863** - This position is located in the Billing and Inventory Branch of the Accounting Division of the Office of the Comptroller. The incumbent will serve as Team Leader in control and maintenance of Billing and Travel Accounting records and subsidiary ledgers. Duties include providing on-the-job training to new team members; budgeting and scheduling for the team; provide input in developing performance plans and providing guidance in the development of IDPs and training plans; maintaining a current knowledge of and provide guidance for other team members on procedures, policies, and directives applicable to the area; reviewing, revising and updating desk procedures and policies used on the team; reconciling subsidiary ledger accounts to GLA accounts, auditing computer reports for accuracy and completeness; researching aged financial information for processing to clear accounts; provide support and documentation on for interfaces with other Financial Systems. Incumbent has extensive contact with NWC budget and project personnel and provides training on related

financial processing. **Job Relevant Criteria:** Knowledge of the Document Entry System; of NWC Financial Systems; of NAVCOMPT regulations; of Funding and Billing policies and procedures. Ability to communicate effectively both orally and in writing; to meet financial deadlines; to interpret and apply a body of regulations and procedures under varying condition; and to deal effectively with a wide range of people. Promotion potential to DG-4.

**No. 28-030, Accounting Technician, DG-525-1/2/3, Code 2863 Multiple Vacancies** - This position is located in the Billing and Inventory Branch of the Accounting Division of the Office of the Comptroller. The incumbent will serve as an Accounting Technician in the control and maintenance of financial records and applicable subsidiary ledger accounts. Duties include the review of computer generated reports, auditing reports for accuracy and completeness and making the necessary corrections; posting and reconciling financial data to subsidiary ledgers; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project and budget personnel. **Job Relevant Criteria:** Knowledge of NWC accounting system; knowledge of NAVCOMPT regulations and basic accounting principles; ability to work accurately with figures; ability to meet financial work deadlines; ability to deal effectively with people. Promotion potential to DG-3.

**No. 31-077, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3/4, Code 3132** - This position is that of Head, EW Engineering Branch, which provides EW Equipment engineering, design and implementation functions from latter stages of FSED through Fleet introduction and support. Functions include related analyses, platform integration and installation, DT/OT testing, and data collection and assessment. Maintenance of specifications, interface, and software documentation for cognizant projects is required. The Branch also provides requirements and engineering for Weapons Systems Support Facility (WSSF) upgrades to include EW systems, and provides Weapons System Support Activity (WSSA) EW support for A-6E, AV-8B, A-12, and other tactical platforms. **Job Relevant Criteria:** Knowledge of affirmative action principles, including a willingness to implement EEO practices; knowledge of EW avionics equipment including hardware, software, and embedded computer applications; knowledge of EW avionics integration requirements and techniques; knowledge of EW avionics test requirements and techniques in the laboratory and in flight; ability to

influence and motivate others; ability to plan, organize, coordinate, and manage technical projects. The incumbent may be required to serve a one-year supervisory probationary period. The incumbent must be able to obtain and maintain a Top-Secret clearance. Promotion potential to DP-4. This advertisement will close on 11/26/90.

**No. 34-012, Supervisory Technical Publications Writer/Editor (PS&E)/Visual Information Specialist, DA/DP-1083/1084-3, Code 3464** - This position is located in the Technical Information Department, Field Service Division, Field Branch 4 serving Codes 31, 61, and 62 at the Air Field. In addition to supervising a small staff, the incumbent plans, implements, and directs on-site technical information services. The services include scientific, technical, and administrative publications; presentations; overhead transparencies; technical art and audio-visual support. **Job Relevant Criteria:** Ability to determine technical documentation and presentation requirements of customers; ability to develop written and visual technical communication products; ability to deal effectively with people; ability to supervise; knowledge of affirmative action principles, including willingness to support NWC EEO goals and objectives. A one year supervisory probationary period is required for new supervisors. Promotion potential to DP-3.

**No. 62-031, Electronics Technician, DT-856-3/ DP-856-3, Code 6236** - This position is located in the Radar Branch of the Instrumentation Systems Division of the Range Department. The incumbent will provide Hardware engineering for the North Range Radars. Incumbent will design hardware, fabricate, operate, and maintain North Range Radars systems used for missile and aircraft testing on NAVWPNCEN North Range. The Selectee will design, troubleshoot, and maintain transmitters, solid state and/or tube receivers, servo systems, data systems, and video systems for pulsed tracking radar systems. Incumbent will function as technical advisor to the Branch and Division in regards to existing radar performance and requirements for upgrades and new systems. **Job Relevant Criteria:** Knowledge of radar and radar systems; knowledge of digital and analog circuit design; ability to troubleshoot digital and/or analog circuits; knowledge of radar transmitter circuit (HV, RF, Power Safety); ability to originate and develop special test setups, procedures, and electronic devices to facilitate the testing process. Promotion potential to DP-3, but not guaranteed.

**No. 62-033, Flight Test Specialist, DS-301-1/2, Code 6221** - This (Continued on Page 18)

# Drug testing program includes safeguards to prevent false positive reports to Center

by Dan Burnett,  
Drug Program Coordinator

Some employees are very concerned about the Navy Drug Free Workplace Program (DFWP) testing and potential for false positives. Part of this concern flows from articles in papers and other news releases.

A recent news item, for example, reported some false positives for amphetamines were found from an approved laboratory in North Carolina performing an approved test. The laboratory was suspended and use of the test at any other approved laboratories was halted. Eight laboratories (of 57 approved) were using this particular test.

The Navy does not use this test method. It is important for employees to know what tests are being performed by the Navy laboratories so various news articles that might appear can be evaluated.

The Navy DFWP utilizes the Navy Drug Screening Laboratories to perform urinalysis testing for civilians. The tests are designed to preclude false positives. The two tests used are a screening test, followed by a second confirmation test (for samples which showed positive during the screening test).

The screening test used is a

radio immuno-assay (RIA) test. This test uses the immune system of laboratory animals to detect a selected drug. The laboratory animal is injected with the drug of interest (one of the five drugs being tested for -- marijuana, cocaine, amphetamines, opiates or PCP). This injection is a foreign substance to the animal so its immune system builds an antibody to that drug. Small quantities of the blood from these animals are gathered. The antibodies from the animal blood are radioactively "tagged." They are then introduced into the urine where they bind with the drug, if it is present in the urine. Because of the radioactivity, the drug can then be detected in the urine.

The quantity of the drug in the urine is not measured by the RIA test.

There are drugs other than the target drug with which this test will react. Therefore, a second test to confirm the first and to screen out cross reactants to the first test is performed.

The confirmatory test is a gas chromatography mass spectrometry (GC/MS) test. This is a molecular level test. A fresh sample of urine is taken from the original sample (the urine used in the screening test is not used in the confirmatory test). The drug

is then separated from the urine using standard chemical extraction techniques. The drug is then injected into the GC/MS device where it is heated to a gaseous state. It is then subjected to a high energy electron beam which breaks apart the molecules. The molecular cloud is analyzed for its content using spectrometric techniques.

The particular drug which is being confirmed has a known and unique molecular structure and spectrographic pattern. This test will be positive if the molecular structure being looked for is there. At this molecular level, cross reaction with other drugs is ruled out through careful analysis of the spectrographic data and through establishment of very high quantity threshold levels below which the test is negative for the drug.

During both the screening and the confirmation testing, 20 percent of the samples are appropriate blind and open quality control samples. These blind samples are run through the testing system to assure accuracy of the equipment as well as human handling of the samples.

The tests being used for civilian urinalysis testing are the same tests used by the Navy since 1982 in its testing of all military mem-

bers. These tests have been refined over the years and are extremely accurate. The Navy Drug Screening Laboratory in San Diego, for example, just completed its 15 millionth drug test without reporting a false negative. The accuracy of these tests has been proven through long-term use.

There are substances containing small quantities of the actual drug which could conceivably cause a positive test. The classic example is poppy seeds. Opiates are a product of a variety of poppy flower and poppy seeds contain small amounts of morphine.

A normal adult male of about 160 pounds would have to eat five ounces of poppy seeds within two to eight hours of providing a urine sample in order to have enough morphine in the urine to

cross the threshold test as positive for opiates. In such a case, this would not be reported as positive to the Center. A medical doctor would meet with the employee to determine whether the drug in the urine is there because of illegal drug use or because of legal (poppy seed, prescription, etc.) use. The doctor, having concluded the reason for the drug as being poppy seeds, would report the test result as negative for illicit drugs.

It can be arranged for Naval Weapons Center employees, on their own time, to tour the Navy Drug Screening Laboratory in San Diego and see the testing and quality control procedures. For more information about the testing or to arrange for a tour, call the Center's drug program coordinator (Code 22104) at NWC ext. 2592.

\*\*\*\*\*

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## Youth soccer season only has one more week of play

Players in the Naval Weapons Center Youth Soccer League will take this weekend off to allow families to celebrate Veterans' Day. The last games of the season are scheduled for Saturday, Nov. 17.

### Division I

#### Coyotes 2, Express 1

In spite of good defense by Jenna Grace and Jonathan Parker and offensive efforts by Eric Hazelhorst and Jared Lee, the Express couldn't outrun the Coyotes. Leigh Little scored the only point in the loss. The Coyotes did not turn in a score sheet.

#### Coyotes 3, Express 0

Once again the Coyotes stopped the Express. Cory Mendenhall kicked two goals in the win while Tim Little scored once. Plays by Gregory Rutland, Merrick Rosenberg and David Schneider kept the Express scoreless. Robby Harlan and Jenna Grace stopped several attempts at goal, while Megan Harden, Casey Hine and James Krise played an excellent game for the Express.

#### Cobras 1, Owls 1

Defensive moves by Joseph Shermer and Curtis Nelson kept the Owls from flying away with the game. Christopher Marshall booted in the only Cobras' point. Owls did not turn in a score sheet.

### Division II

#### Whitecaps 1, Rockets 0

Zack Graham, Charles Hanks and Eric Otto prevented the Rockets from taking off. Ben Schneider scored the only goal of the game. Teamwork and efforts by Matt Bloudek, Joey Weidenkopf and Amber Adair kept the Whitecaps on their toes.

#### Wolves 3, Earthquakes 1

Two goals by Jonathan Brown and one by Quinn Edwards gave the Wolves the winning edge. Plays by William Powell, Jacob Basham and Shannon Parks made the Wolves a hard team to beat. A goal by Dawn Shermer and efforts by Brian Ford, Danny

Anders and Jacob Nazeck weren't enough for the Earthquakes.

### Diplomats 1, Roughnecks 0

Teamwork, superb play by Jay Beines, Donald Beveridge and Steven Granger, along with a goal by John Little put the Diplomats on top. The Roughnecks had strong support by Ryan Tullio, Andy Smith and Joey French.

### Division III

#### Stallions 2, Hurricanes 0

Good ball control by Matt Wilson and two successful shots at goal by Chris Brown pushed the Stallions to victory. Adam Szymanski, Luke Parish and Jerome Webber played well in spite of the loss.

#### Eagles 4, Cougars 0

The Eagles shut out the Cougars with excellent support from Curtis Allen and Matt Serna. The winning goals were kicked in by Barrett Edwards, who knocked in two, Greg Ford and Ben Labee. Defensive moves by Nathan Mickelson, Birk Roseman and Jennifer Foster, along with offensive plays by Aaron Marshall weren't enough to tether the Eagles.

### Sounders 1, Apollos 1

Outstanding saves by the Sounders' goalie Rory L'Hommedieu, along with efforts by Erin Stoner and Jason Tani made this an exciting game. Chris Long scored the only point for the Sounders, while Jason Hiett, assisted by Julie Boudek, kicked in the Apollos' lone goal. The Apollos had great plays from Tammy Overstreet, Joe Barnes and Katie Overstreet.

### Division IV

#### Strikers 4, Goalbusters 1

Danny Caffery played an extraordinary game as goalie, stopping all but one attempt by the Goalbusters at goal. Two goals by Ben Coleman and one each by Andrew Dubois and Thai Gutierrez secured the win. The Goalbusters did not turn in a score sheet.

## Local ski club plans annual membership meeting

Learn how the China Lake Ski Club operates and how it can benefit you at the annual membership meeting at the Kerr-McGee Center on Thursday, Nov. 15. The fun starts at 7 p.m. Drinks and cookies will be available. The door prize for the evening

will be a free night at the club's Mammoth cabin!

People who want more information about the club or a membership application form but can't attend the meeting, should call Dennis Rowell at 446-5049.

## Former NFL players show no respect to China Lake police

As children, we were taught by our parents to respect police officers and to show them courtesy in honor of their uniforms and position in society. Somebody forgot to teach some former NFL Oakland and LA Raiders that lesson as they demolished members of the China Lake Police Officers Association in a softball game two weeks ago. The visiting celebrities beat the China Lakers 20-6.

For the past three years, the association has hosted a softball game with former professional football players to raise money for the annual Christmas toy drive and Ridgecrest Women's Shelter.

Visitors included Cliff Branch, wide receiver; Lester Hayes, corner back; Rod Martin, line backer; Jeff Barnes, line backer; Derrick Ramise, tight end; Clarence Davis, running back; and George Atkinson, safety. Rounding out the visitor's team were China Lakers Tony Byrnett, Dennis Love, Allen Kopeck, Tony Brown and Eric Rankin.

Players for the China Lake team were Ron Lewis, Stan Austin, Darrin Moore, Mark Marr, Chris Kohr, Ron Burling, Larry Brunson, Amy Soyke, Kerry Swiggum, Mike Rosato, Al Dorfman, Dave Burke, Sue Hunsaker, Kay Shepter, S.L. Howell, A.S. Cooley and NWC's Commander, Capt. Douglas W. Cook.



The association extends special thanks to Tom Niessen, KZIQ, KLOA, Bill Bursie, Pizza Hut, Jenny Hagen, Heritage Inn, Club Oasis, Daily Independent, Inland Adventure, News Review, Benchmark Cable TV and all the participants, as well as the audience, who helped make this event another success!



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## DoD works toward an energy plan

Conservation plans that will affect energy use at military facilities for the rest of the century are being made this fiscal year by the Department of Defense.

The plans, mandated by Congress and containing incentives for participants, could save at least \$500 million per year between now and the year 2000, according to Jeffrey Jones, DoD director of energy policy. He said the main message to the field is that both Congress and DoD's top leadership expect the department to play a major role in using energy wisely and reducing energy waste.

**Geothermal facilities will be part of a DoD-wide energy conservation effort.**

The Naval Weapons Center, with the Coso Geothermal facility plays a big role in DoD's conservation and alternative energy programs.

Jones said conservation is a key feature of the emerging national energy strategy. DoD consumes more than 80 percent of the energy used by the federal government -- so almost any federal energy program is essentially a defense program, he noted. Since the use and production of energy are major contributors to the pollution of air and water, environmentalists and energy constituents agree that efficient, cost-effective energy conservation is a mutually acceptable strategy.

Recent events in the Middle East illustrate the need for America to come to grips with its dependence on insecure sources of oil, and they should spur development of an invigorated U.S. energy policy, Jones said. The United States -- the largest consumer of refined petroleum products in the world -- depends on foreign sources for about 45 percent of its petroleum needs.

Jones expects a growing role for alternatives to gasoline and petroleum-based fuel. In the next 10 years, he foresees vehicles that can use either ethanol or methanol, natural gas-powered vehicles and perhaps even a large number of electric-powered vehicles.

A current problem, noted the energy official, is that many emission controls -- vapor recovery systems, water recycling systems, stack scrubbers, purification systems and emission-control devices -- use energy themselves.

Resolving potential conflicts between energy and environmental goals will require the cooperation of energy managers and environmental engineers at all levels of DoD, he said. Reducing the demand for energy or developing more efficient, less polluting energy systems would be better than installing control devices, he noted.

Another significant challenge is the phase-out of chlorofluorocarbon refrigerants, found in equipment such as air conditioners. The Environmental Protection Agency estimates that new equipment using substitute chemicals such as C-11 will operate up to 30 percent less efficiently. This impact will require close coordination at facility and headquarters levels to control costs while conserving energy.

Of equal importance is "demand-side management," which refers to any activity that reduces the apparent demand for electricity. Military consumption of electricity has increased 14 percent in the past 10 years vs. private sector growth of 30 percent, said Jones.

He thinks DoD's electrical demands will increase as it uses more sophisticated equipment. Those demands will affect communities near installations if local utility companies have limited peak-load capacity. Jones said

the problem faces utility districts in the Northeast, Southeast and West.

In those districts, utilities are developing programs to get customers to reduce their demands during peak periods, usually an

**Installations will be allowed to keep up to two thirds of energy savings.**

area's normal daytime business hours. Some efforts are as simple as shutting off unneeded equipment, replacing inefficient lighting and upgrading heating and cooling systems. Other solutions are more exotic, including putting gas turbine generators on an installation that fire up to satisfy peak-period loads.

Jones estimated that demand-side management efforts can save the department \$60 million to \$120 million a year by 1994.

Among the energy-saving incentives is pending legislation that allows an installation to keep two-thirds of its savings. One-third would be for added energy conservation measures and one-third for installation commanders to use on military family housing improvements or on authorized minor quality-of-life construction projects. The U.S. Treasury would receive the remaining third.

The first step in all these efforts, however, is that people have to want to save energy before it can be saved, according to Jones. "We can write all the policy on all the paper in this office, but people have to be aware of their contribution in switching off lights, cleaning steam traps, turning off motors, replacing inefficient lights and insulating buildings," he said. "A lot of conservation is not highly visible work. But it's real money -- it's installation-level money. And it's money that can be saved." Armed Forces Information Service

## Desert Shield mail rules set

WASHINGTON (NNS)--

Saudi Arabian customs officials have discovered parcels containing alcoholic beverages and other prohibited items during routine inspections of incoming mail to U.S. armed forces personnel taking part in Operation Desert Shield.

Customs agents in Saudi Arabia inspect all parcels larger than letter-size envelopes entering the country. There are stiff penalties for falsifying customs documents.

With the lifting of the 12 ounce limit on items sent to forces deployed in the Saudi desert, officials urge people to remember what they cannot send.

Prohibited items include:

- Weapons of any kind.
- Alcoholic beverages.
- Pork and pork products.
- Drugs
- Pornography
- And any material contrary to the Islamic religion.

This does not include single copies of religious information sent to individuals and does not ban photographs of women dressed according to acceptable standards of U.S. good taste. It does include a ban on all nude or semi-nude photos, sexually oriented material and all religious material intended for general distribution.

## Air Force helps kids receive answers from Santa

Every year at this time, the post office delivers thousands of letters to Santa Claus from children telling him what they want to find under the tree on Christmas morning.

An Air Force weather detachment in Alaska has helped Santa answer his mail for more than 20

years. Located eight miles from North Pole, Alaska, members of Detachment 2, 11th Weather Squadron, saw the North Pole post office was getting more mail for Santa than it could handle. They decided to step in and help Santa answer his mail.

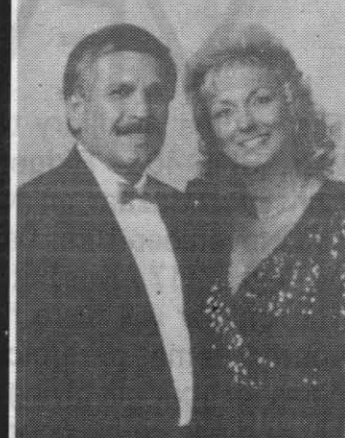
If you know a child who

would like to receive a letter from Santa postmarked from the North Pole, send the child's letter, the letter you want the child to receive from Santa and a stamped-envelope addressed to the child to: Detachment 2, 11th Weather Squadron, Eielson AFB, AK 99702-5000.

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(Continued from Page 1)

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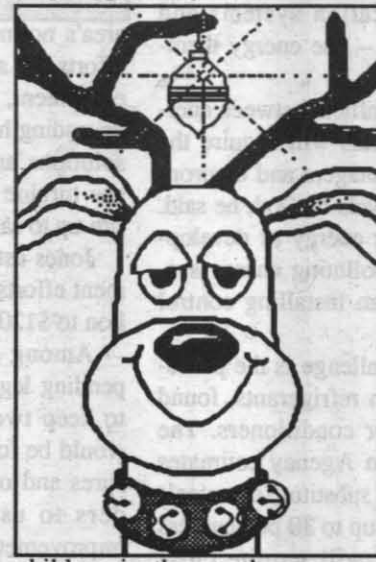
personal design and they'll print t-shirts, decals, mugs, and baseball caps. Place orders now for upcoming office parties and gift exchanges. The prices are more than reasonable and you won't find a more helpful staff. Also



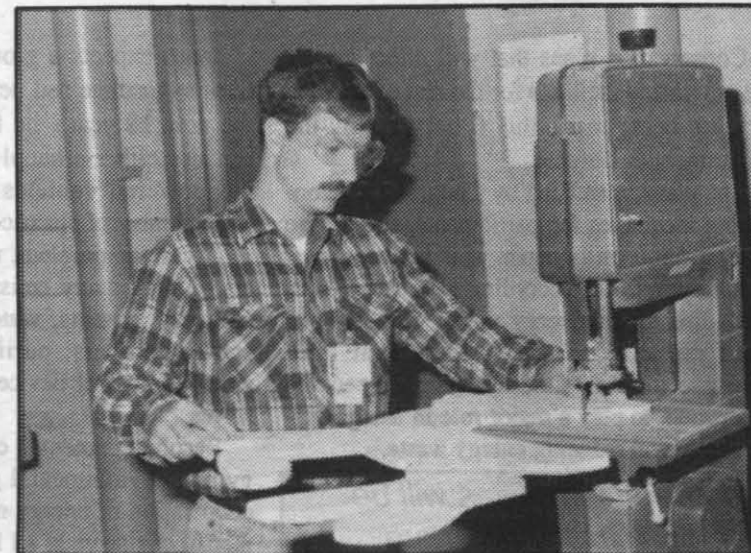
**GETTING CHRISTMAS GOODIES READY FOR YOU** - Craftech's Kim Benes unpacks Christmas ceramic greenware. The center has beautiful ceramic gifts waiting to be painted!

available though the Information Tickets and Tours Office in the Center are special discounted tickets for Disneyland, Knott's Berry Farm, Queen Mary, Universal Studios, Sea World, Magic Mountain and other recreation attractions.

Craftech personnel are now preparing holiday craft classes for



children in the youth program. This way children are able to make very special Christmas presents for their parents and families. Pat enthusiastically remarked "There's always so much going on, we want people



**WOODWORKING AT ITS BEST** - Eric Lowe cuts out a Christmas reindeer for a special gift. The Craftech has a fully equipped woodworking shop open day and night for use. Photo by PH3 Cary Brady

to know Craftech's here and we have endless things to offer!" So if you haven't ever had time to just go take a look at the Craftech Center, don't wait any longer. You will be amazed at how much the center offers and the abundance of supplies carried for the convenience of its many customers in the China Lake community.

The center is open Monday through Friday from 10 a.m. to 7 p.m. and Saturday from 10 a.m. to 2 p.m.



For more information on classes, information on tickets and tours, supplies, or if you have a specialized talent and would like to teach a craft class call Pat at NWC ext. 3252.



**FAMILY SUPPORT** - AT2 Christopher J. Bednar re-enlists for another six years. His wife, Sherrie, holding son Chris Jr., joined in the ceremony.

### V.F.W.

The Ladies Auxiliary to the Veterans of Foreign Wars Ship 4084 Ridgecrest will host their annual Christmas Bazaar on November 9th, 9am to 5pm, and November 10th, 9am to 1pm. The Bazaar will be held at 117 Alvord St., Ridgecrest. The Bazaar will have hand crocheted items, hand knitted items, ceramics, and other personalized items for your gift giving pleasure. There will also be home-made baked goods for your holiday fare. So come on over and be our guests for a wonderful time.

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It's one holiday no one has to spend alone. *The American Cancer Society's Great American Smokeout* is celebrated each year by millions of smokers who try to quit smoking just for 24 hours. You don't have to do it alone. Make Nov. 15 the day of the Great American Smokeout, a big holiday in your life!

## Innovation works at Training Center

China Lake initiative and ingenuity has once again come to the rescue. Just a few months ago, Public Works Department employees Dick Malone and John Cavin talked to Vicki Munro from the Human Resources Development Division about the growing demand for Autocad training, especially in the Engineering Division. A graphical design and drafting software application, Autocad is used in architectural, mechanical, structural and civil drawings.

Since Autocad couldn't run on the old Leading Edge computers at the Training Center, Munro and Cavin got together to figure out how they could accommodate this emerging need with a limited budget with no provisions for equipment purchases.

By enlisting the aid of various small technical and support groups already using Autocad, the group was successful in obtaining just enough funding to purchase 10 Advanced Workstations from Unisys under an indefinite quantity, indefinite deliver (I.Q.I.D.) contract administered by NARDAC, Norfolk. According to Munro, the workstations were extremely cost-effective and have the capability of running

represents a \$25,000 savings to NWC, noted Munro. Cavin also acquired digitizers, a plotter and plotter-sharing smart switch. On a shoestring budget, a high quality laboratory emerged.

Training Center staffers were committed to providing training needed by the customers, NWC employees, in accomplishing the Center's mission. The hard efforts of Munro and Cavin paid off and

### Autocad demonstration set next week by users

On Wednesday, Nov. 14, the newly formed Desert Rats Autocad Users Group will host a demonstration of Autocad Release 11, the latest update to Autocad. Starting at 7 p.m., the meeting will be held at the NWC Training Center in Room 103.

For more information, call Lowell MacDonald at 446-4551 during the day or 375-3478 in the evening.

**Additional news for Autocad users** - Until Nov. 30, Autodesk will allow federal government agencies to acquire Autocad Rel 10 in exchange for

their existing micro-based CAD software and a low price of \$500 (low-end CAD packages are not included).

Included in the systems being accepted in exchange for the Autocad Release 10 are Anvil 5000 PC version, Arris, Autotrol P-Cad, CADD5 4X, Cadkey, Cadvance, CalmaCAD, Catia, Claris CAD, DataCAD, Drafix, Micro-CADAM, Microstation, P-CAD, CV Personal Designer, RoboCAD 4 and VersaCAD.

For more information about this exchange, call John Cavin at NWC ext. 3411, ext. 524.

ning Lotus 1-2-3, ADA programming, Revelation, dBASE, Windows and many more MS-DOS programs.

After securing the hardware, Cavin persuaded Autodesk in Sausalito, Calif., to provide NWC with 10 copies of Autocad 386 for educational purposes. This

With the necessary hardware and software secured, the Training Center competitively solicited proposals from vendors to conduct Autocad training at NWC for Fiscal Year 1991. After various proposals were reviewed, the CAD Institute of Phoenix was selected.

Autocad levels I and II are now being offered once a month at the Training Center and will continue until the demand is satisfied. During this fiscal year, the Center will train 50 people at a price of \$450 each, versus the \$2,300 per person for off-Center training.



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