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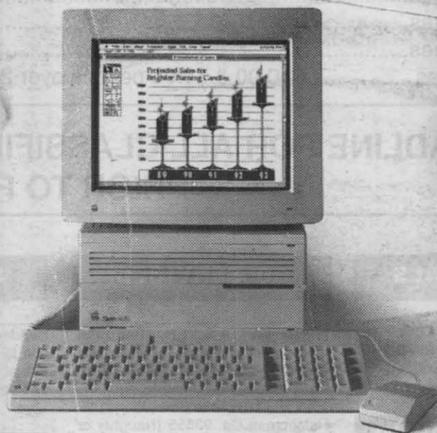
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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 45/November 17, 1989

Marines salute the Corps' birth

'Murderous Manny' Segal is special guest as China Lake MAD hosts 214th anniversary party for USMC

Last Thursday night, the Marine Corps Aviation Detachment (MAD) at China Lake hosted the Annual Marine Corps Ball. Nearly three hundred local and visiting military and civilian guests attended a gala evening celebrating the 214th Anniversary of the founding of the Corps.

Since 1921, Marines have carried out the directive of Gen. John A. Lejune, 13th Commandant of the Marine Corps, to observe the Corps birthday in a manner befitting the long and glorious tradition of the Corps.

The Naval Weapons Center Seafarer Club was transformed into a ballroom with

traditional red and gold streamers, red carpet rolled out for arriving guests, and a long-stemmed red rose for each lady.

After guests were seated, the ceremony began with the approach of the color guard flanked by junior officers of the detachment in mess dress with drawn swords. Col. Barry V. Banks, MAD Commanding Officer, welcomed guests and thanked his executive officer, LtCol. Guy Barr, for overseeing the local event being celebrated in conjunction with Marines around the world.

Special guest speaker for the evening was Major Harold E. 'Murderous Manny'

Segal, USMC (Ret.), an ace twice over with the demise of twelve enemy aircraft to his credit between May, 1943 and February, 1944. The mild-mannered retired naval aviator was overwhelmed by his warm China Lake welcome.

Highlighting the evening was the time-honored ritual cake cutting and reading of the birthday message. The message, now 68 years old was written by Gen. Lejune and reads, "In every battle and skirmish since the birth of our Corps, Marines have acquitted themselves with distinction, winning new honors on each occasion until the term 'Marine' has come to signify all that is

the highest in military efficiency and soldierly virtue. So long as the spirit which Marines today received from those preceding us in the Corps. . . continues to flourish, Marines will be found equal to every emergency in the future as they have in the past . . . and our nation will regard us as worthy successors to the long line of illustrious men who have served as 'Soldiers of the Sea' since the founding of the Corps."

Guests were treated to champagne and cake after a prime rib dinner served by the Seafarer staff. Dance music was from the 15th Air Force's Band, "Final Approach."



SEMPER FIDELIS—The motto of the true blue U.S. Marine Corps was emblazoned on the birthday cake cut by Col. Barry V. Banks, commanding officer of the Marine Aviation Detachment at China Lake. Maj. Harold "Manny" Segal, USMC (Ret.), a World War II flying ace, was the guest speaker at Thursday night's 214th birthday ball. Standing at right are CWO4 Ingle, the oldest Marine in the detachment, and Cpl. Exford, the youngest. By tradition, the first piece of cake goes to the guest of honor, the second piece to the oldest Marine, and the third piece to the youngest Marine.

Families open dinner tables to military for Thanksgiving

Not able to go home for the Thanksgiving holiday? Local families have volunteered to open their homes for China Lake sailors and Marines to join in the festivities. June Hamm, Adopt a Sailor for Thanksgiving coordinator, said response to the pro-

gram by local families has been terrific.

Sailors and Marines, this is a great opportunity to allow others to be charitable and get a home-cooked holiday meal in the deal. Call June at the Seafarer club at 446-6929 to sign up.

Fincher saluted with TD Award

Theodore P. Fincher was the surprised recipient of the Naval Weapons Center Technical Director's Award recently. Fincher was honored for his contributions in mission planning and systems engineering for the Standoff Land Attack Missile (SLAM) system.

Bill Porter, presenting his first award as NWC's technical director, praised Fincher for "your drive to understand the individual components and how best to achieve their integration into a functioning whole will help ensure the success of the SLAM program."

Working in the Engineering Department's Missile Guidance Branch, Fincher was described as an important link in the teamwork required for development of this unique missile system. The citation to accompany the award read in part, "your ability to be creative while not losing sight of operational realities is a key factor in achieving the Center's goal of providing reliable weapons to the fleet."

In nominating Fincher for the award, Sterling Haaland, former head of the Engineering Department said, "Ted was the first to examine what requirements each component placed on the mission planner. Foreseeing the need for the Navy technical community to understand potential limitations in SLAM's ability to meet its precise navigation requirements, Ted became an expert in Global Positioning System (Continued on Page 10)

Jim Suhr becomes first Hays' achiever

Four veteran members of the Naval Weapons Center's Engineering Department were honored Tuesday during presentation of the first B.W. Hays Award for Production Support.

James Suhr, a China Laker since 1967, was presented the award, the certificate and stipend to accompany the honor by Burrell W. Hays, former NWC Technical Director and former head of the Engineering Department (Code 36), for whom the award is named.

The award, and the Golden Rung Awards that goes to other outstanding individuals in the production support arena, are designed to recognize work that has been of special value to the overall production support effort at NWC. Creativity, innovation, technical skills and the overall contribution of individuals in solving of production problems (Continued on Page 8)

China Lake Calendar

Fri. Nov. 17
...Thrift Savings Plan Open Season runs through Jan. 31. Contact your PMA.

Sat. Nov. 18
...Desert Community Orchestra Concert, 7:30 p.m., Cerro Coso Lecture Hall

Sun. Nov. 19
...Community Thanksgiving Service, Nov. 19, 7 p.m., Ridgecrest 7th Day Adventist Church, 555 Las Flores Ave

Tues. Nov. 21
...Computer Society meeting, 11:30 a.m., El Charro Avitia
...Farewell party for Gerry Schiefer, 6 p.m., Seafarer Club. For reservations call NWC ext. 1336 or 1365 by COB today.

Wed. Nov. 22
...Local Toys for Tots drive gets underway

Thurs. Nov. 23
...Annual Turkey Trot sponsored by the Over the Hill Track Club, 9 a.m., Cerro Coso parking lot

Coming attractions:

Nov. 30--Government surplus auction
Dec. 2--20th Annual Children's Christmas Parade
Dec. 16--Magic Show, Center Theatre

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 Friday's publication.

Wellness Corner



As part of the Aircraft Weapons Integration Department's Wellness Program, a *Freshstart* workshop will be conducted at the airfield. The workshop consists of four one-hour group sessions over a two-week period. It will provide essential information and strategies to direct individual efforts at stopping smoking.

The workshop schedule is: 4:45-5:45 p.m. on Nov. 20, 22, 27, and 30. The group will meet in the conference room off the lobby of the Computer Sci-

ences Corporation (CSC) Building on Aviation Blvd.

All military, DoD civilian, and contractor personnel working at the airfield are welcome. More workshops will be scheduled if necessary. There is no charge for the workshop.

For more information or to obtain a registration form, contact Fred Shaughnessy, NWC ext. 5465, Code 3108, E-mail: SHAUGHNESSY.

The New Nutrition How to make healthy food choices

Remember the nutrition posters of your youth? "PROTEIN" announced the first food group, with a picture of a steak and fried chicken. "VEGETABLES AND FRUIT" said the second, with an illustration of a potato smothered with butter and a fruit cocktail. "DAIRY" said the third, as two fried eggs looked up at a bottle of whole milk. "BREADS AND CEREALS" then appeared with a slice of white bread and a bowl of indistinguishable breakfast cereal.

Today, the emphasis of nutrition education is shifting from the four basic food groups to food composition and how food influences health. research shows that diets rich in complex carbohydrates and low in cholesterol and saturated fats may reduce our risk of heart disease and many types of cancer. We still need to eat a variety of foods from the four

basic food groups, but the preferred choices within those food groups are changing.

Protein is found in meat, poultry, fish, and dried peas and beans. Protein is also present in dairy products. To get the protein your body needs without taking in unnecessary fat and cholesterol, select lean cuts of meat, poultry without skin, fish, legumes, and low- or nonfat dairy products.

Complex carbohydrates are abundant in fresh fruits and vegetables and in whole grain breads and cereals. Unlike processed fruits and vegetables and refined flours, these foods are also high in dietary fiber. Adequate dietary fiber has been linked with a reduced risk of some cancers, and may also be beneficial for people who are trying to control weight.

Fats are essential to sound nutrition, but total fat intake

should be limited to no more than 30 percent of your daily caloric intake. Animal fats (found in "marbled" meat, butter, lard, and whole milk products) and other saturated fats (like coconut and palm oil) should be limited. Saturated fats increase cholesterol in the blood--a major risk factor for coronary artery disease--and may also contribute to some cancers. Better choices are vegetable oils (safflower, sunflower, canola, corn, etc.), margarine, and low- or non-fat dairy products.

The good news is that by taking charge of your own nutrition, you can improve your health while reducing your risk of "lifestyle" diseases like cancer and heart disease. The new nutrition isn't saying goodbye to the four basic food groups, it's helping us understand how to make better nutritional choices from the foods we eat.



FAMILY CHOICE-- When PR2 Bobby Gene Bryant reenlisted for four years, his wife, Cindy (left) had a part in the decision and the ceremony. Lt. Honor Rosar was the presiding officer at the parachute rigger's Nov. 6 reenlistment at the para loft.

NWC Rocketeer

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Ridgecrest, CA 93555 (619) 375-4481



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Commander -- CAPT. DOUGLAS W. COOK Editor -- STEVE BOSTER
Technical Director -- WILLIAM PORTER Staff Writer -- JULIE PAULSEN
Staff Writer -- PEGGY SHOAF
Photographer -- PHAN CARY K. BRADY

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Ads up to 5 lines.....	\$3.00
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Ads up to 15 lines.....	\$8.00
Ads up to 20 lines.....	\$10.00
Ads over 20 lines.....	\$10.00 & \$1.00 per line over 20 lines.

CLASSIFICATIONS

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

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

1 PERSONALS

SPECIAL THANK YOU FOR THE PRAYERS AND HELP DURING THE DEATH OF ALMA ESTRADA. Mario Estrada & Family.

5 LOST & FOUND

LOST WEEK OF 11/13/89 - Gold Rope Chain Bracelet. Sentimental value. Reward. 375-7789.

LOST: 1yr. old pure bred Boston Terrier. Recently spayed, black & white. Answers to the name of Molly. Call 446-6005.

15 HELP WANTED

BURGER KING is hiring. Openers, Cashiers, Closer. Apply in person. 139 N. China Lake Blvd.

30 SERVICES

4 OPENINGS - QUALITY DAY CARE available. Hot meals & snacks. Plenty of activities. FHC certified. 446-4288 or 371-8594.

AFFORDABLE CHILDCARE - Available most hours. Lots of openings. Not licensed. Call 446-3535.

ASPECT WINDOW TINTING - Commercial, residential, autos & specials. Licensed. 371-2511.

BLACK HAIR CARE RELAXERS. Wave Nouveau's, Curls, Pressed Hair Tool. 446-4859.

30 SERVICES

FROM SANTA'S PEN - Beautiful greeting in Calligraphy. Full-color with North Pole Postmark. Send \$2 for each name. Also include age to - 1539 N. China Lake Blvd., Suite 146, Ridgecrest, Ca. 93555 (Naughty or Nice opt.)

HAVING TROUBLE picking the perfect gift for that special someone? We offer a gift that allows the recipients to choose what they want. Through Dec. 1st we're offering gift-booklets ranging from \$9.99 to \$500 (plus tax). Each booklet has several gifts to choose from and a pre-paid mailer. To see samples or to place an order, call DEE at 375-1573, or NOEL at 375-9123, or ROB at 375-5256.

WOULD YOU LIKE A FRESH, 6-foot Scotch-Pine Christmas tree delivered to your house NLT Dec. 15th? For \$47.00 you will get a guaranteed fresh tree delivered to your door in a box, ready to set up. It even comes with a disposal bag so you won't get pine needles all over your house. For information about ordering, call Dee at 375-1573, or Noel at 375-9123, or Rob at 375-5256. Happy Holidays!

Perfect gift to show that special someone you really care. A gift certificate toward a therapeutic massage. Tues.-Sat. 446-4859 for appt.

PHYSICIANS IN MANY BRANCHES of medicine, orthopedics, neurology, psychiatry, geriatrics, etc., recommend massage therapy for the relief of mental & physical fatigue. Tues.-Sat. 446-4859 for appt.

30 SERVICES

Headaches, stiff neck, back aches, due to injury, stress or required posture at work? Massage therapy is the answer. Tues.-Sat. 446-4859 for appt.

Massage Therapy acts as a cleanser hastening the elimination of waste and toxic debris. Tues.-Sat. 446-4859 for appt.

35 AUTOMOTIVE

'88 YZ250 YAMAHA, beautiful condition, desert and stock tank, race tech suspension, many extras, \$1800, 375-9328.

'85 IT200 YAMAHA, excellent play or enduro bike, extremely well cared for, \$750, 375-9328.

1964 VOLKSWAGEN BAJA BUG CORVETTE - Yellow & Gaber Blue, 1-piece fiberglass hood, full roll cage front to back. Quick shift kit, rebuilt 1600cc, dual port, dual carb., new tires & brakes. 1-piece Cal. look windows. Have extra 1600cc, single port w/progressive carb. & extra parts. \$2000 - Call Wally 375-6885.

1984 HONDA SABRE V-65, 1100cc, new in 1986. 12,000 mi., very fast, mint cond., shaft drive, maintenance manual. \$2100. Call 446-4843.

1984 XR 500R - \$1000. CALL AFTER 5PM. 446-3061.

1985 HONDA CR125R, xln. shape - \$1000/OBO. Call 446-4408.

35 AUTOMOTIVE

1988 FORD RANGER XLT 4x4 - KING CAB version. Loaded w/extras. Xint. cond. Low mileage P/U has it all at a FIRM PRICE of \$10,500. Call 446-5667.

FOR SALE: 1989 CHEVY 1/2 ton extended cab pickup. Call 375-7466.

MINI STOCK RACE CAR - '66 Volkswagen, race ready. Includes 2080cc motor, dual port, dual carbs, extra tires, lots of spare parts & trailer. \$2000 - Call Wally for details. 375-6885.

40 MISC. FOR SALE

FOR SALE - AIRCRAFT: 1979 Cessna R172K Hawk XP, IFR, STROBES, 3230 TT, 1050 SFRM, 2000 TBO, 65/89 ANNUAL. MAY BE SEEN AT CHINA LAKE NAVY FLYING CLUB (X-PAD). ASKING \$32,950. 375-6110 EVES/WKND.

QUEEN SIZE 4-Poster bed w/mattress/box springs, beautiful cond. - \$200; Sears bathtub Jacuzzi - \$30; Kenmore sewing machine - \$30; Sansui 200watt stereo/reciever w/speakers - \$75; 10'x6'x4' chain link outdoor dog kennel - \$200. Call 446-4892.

TWIN BED, NEW CONDITION. \$60. Call 375-9528.

WORN ONCE: Long Red Dress, size 13-14, \$75; Matching Purse, \$18; Long Gloves, \$15; Long Petticoat, \$30. Call 446-7421.

45 GARAGE SALES

GARAGE SALE: Saturday, 7-4. Sofabed - \$150; TV - \$20; Dining, light, lamps, pictures, bedding, clocks, decorator items, wedding dress, jewelry, accessories, housewares, vacuum, books, clothes. 377-5684, 952 3rd St, Inyokern.

50 PETS & SUPPLIES

FREE TO GOOD HOME! 2 yr. old COCKER SPANIEL/MIX. 446-2827.

55 REAL ESTATE

3BR, 2 BA, MH on 1/2 acre of Commercial Property. Septic, cable, natural gas. 2 mi. east of Inyokern. \$47,000. Call 377-5704 or 375-2702.

CLASSIFIED CUSTOMERS!

The ROCKETEER will be published on Wednesday, November 22, due to the Thanksgiving Holiday. All Classified Ads must be submitted before 5:00 p.m. - Tuesday, November 21.

Community Events

Area artists will display their work this weekend during the annual Sierra Craft Guild Christmas Show at the Desert Counseling Clinic's Community Room. The show opens today (Friday) and will be open 10 a.m. to 7 p.m. today, tomorrow and Sunday. Admission is free. Artists featured include Jean Donovan, pottery, Nancy Hoyem, water colors, Rosemary Ravsten, fabric art, Julie Stayton, fiber craft, Carol Wilcher, block printing and special guest exhibitors Jo Downing and Gwen Dyck.

Visitors to the Sylvia Winslow Gallery of the Maturango Museum during December will view an open art show with works of art generated by museum members. This exhibition is being sponsored by Eagle Mountain Gifts in Ridgecrest. Pieces for this open show are being accepted for entry through Nov. 29. Because each artist is allowed only one entry, with no theme restriction, a wide variety of works are expected. The Sylvia Winslow Gallery will be open for this show from Dec. 1 to Jan. 11.

"Christmas Yesterday, Today and Tomorrow" is the theme for the 20th Annual Ridgecrest Childrens' Christmas Parade scheduled for Saturday, Dec. 2, at 10 a.m. The prize-winning theme was submitted by Susan Cope of Ridgecrest. The parade will begin at the corner of Norma and Las Flores. It will proceed south on Norma, east on Ridgecrest Blvd., then north on Balsam to Las Flores. Entry forms may be obtained at the Ridgecrest Chamber of Commerce Office, 301-A S. China Lake Blvd. or Donna's Shirt Tales, 203 Balsam St. and must be returned by Nov. 27. For further information, call 375-8331.

November 25 marks the opening of the Christmas season in Lake Isabella with the 12th Annual Christmas Parade and Treasure Faire Extravaganza. The parade begins at 11 a.m. and the Treasure Faire is located in the old Safeway parking lot on Isabella Blvd.

Gift items available at CRAFTECH

CRAFTECH now carries an extensive array of sports clothing for sale. Some of the items include; Adult tee-shirts, polo shirts, jackets, sweatshirts and sportshirts in various colors. Prices cannot be beat and are ready for your special logo or design. Christmas is right around the corner. Remember, MWR is your "One Stop to Shop." For further information, NWC ext. 3252.

Weather Report

	Max	Min	Gusts
Thurs.	82	29	7 knots
Fri.	84	34	6 knots
Sat.	86	38	6 knots
Sun.	84	39	7 knots
Mon.	78	37	5 knots
Tues.	78	35	6 knots
Wed.	75	31	5 knots

Call today for Schiefer farewell

Gerry Schiefer, the Naval Weapons Center's former technical director, will be saluted at a party in his honor set for Tuesday, November 21 at the Seafarer Club.

The farewell salute to Schiefer, now the Director of Navy Laboratories, will start at 6 p.m. with a

short social period. Presentations from NWC and area organizations get underway at 7 p.m.

Reservations are needed and may be obtained by calling NWC ext. 1336 or 1365, no later than the close of business today (Friday). The cost is \$6.50 per person at the door, for heavy hors d'oeuvres.

Museum tour offers a South-west Christmas

Make Christmas 1989 one you will never forget! Maturango Museum is offering a fascinating Christmas-time tour of the American Southwest. The trip will accommodate 16 to 20 people and will take place Dec. 21-31. Cost is \$1598 per person, double occupancy, not including airfare).

The tour will start in historic Santa Fe with time for shopping, dining and touring the streets to enjoy the Christmas luminaries that dot the homes and public buildings. Private meals at the homes of friends on feast days in Cochiti, Santo Domingo and San Idelfonso Pueblos have also been arranged.

For more information call Elva Younkin on weekdays between the hours of 10 a.m. and 5 p.m. at 375-6900.



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DOS 4 Made Easy (lots of DOS)
Numerical Tools in C (we have quite a few C compilers in stock)
Paradox 3.0 Handbook
Using 1-2-3 Release 2.2
Oh! Pascal (lots of Pascal)
Inside OS/2 (lots more OS/2 books)
The NeXT BookVentura 2.0 (lots of Ventura)
X Window Applications Programming
dBASE IV Essentials (lots of dBASE)
IEEE 488 Bus Manual
PC to Vax: A Communications Guide
lots of low-cost quick reference guides

Call Ada Shlanta if you need a book that is not in stock.

Intro to Neural Networks \$149 (includes BrainMaker)
AutoCAD for Architects & Engineers (lots of AutoCAD)
Networking PCs (lots of Data Communications)
Object Oriented Programming

Computing Technology

Computer Store
249 Balsam St 375-5744 next to the Music Man

Master Chief ends career

Palumbo closes out 24-year Navy active duty tour

In an informal ceremony last week, Master Chief Ralph Palumbo quietly retired from 24 years of active duty with the U.S. Navy. Cdr. Phillip Souza presided over the retirement at the Naval Weapons Center military administration building.

Chief Palumbo reported for duty at China Lake in July 1986 after a long line of tours in the San Diego area and aboard the *USS New Orleans* and *USS Cayuga*.

During his NWC tour of duty as the Communications Center's leading chief petty officer, Chief Palumbo demonstrated "outstanding leadership and performance in carrying out his responsibilities," noted the letter of appreciation signed by Capt.

Robert Dropp, commanding officer of enlisted personnel. The radioman's efforts contributed significantly to the Communications Center being named the Norton Autodin Switching Center of the Quarter for three quarters during 1989 and for receipt of the that command's Superior Performance Communications Excellence Award for the third quarter of 1989.

As Chief Palumbo transferred to the fleet reserves, Cdr Souza related the words of Capt. Dropp: "On behalf of the many men and women who have had the pleasure to serve with you, I wish you happiness and continued success in your future endeavors. Well done!"



The Skipper Sez...

Question

With water conservation being touted all across the state and certainly not least in the Indian Wells Valley, why is it that NWC continues to water during the heat of the day?

Answer

With water conservation being as important as it is, your question is quite valid. Watering the landscaped areas at NWC is the responsibility of Pan Am World Services, under the maintenance service contract at NWC. The contract states that "watering shall be accomplished during night hours to the maximum extent possible". During the summer months, Pan Am has employed a night watering crew that turns on any system that is not operated by a time clock. Those systems with a time clock are only watered in the evening hours. Many times when you see a system on in the middle of the day it is because a crew is in the area checking the operation of that particular area. After dark it is difficult to check to see if sprinkler heads are adjusted properly in a large turf area.

The concern and importance of water conservation will continue to be stressed.

"The Skipper Sez..." program is designed to answer questions by China Lakers addressed to the Commander of the Naval Weapons Center. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. While the answers to these questions are usually researched by someone appointed by the Commander, he does review all answers before publication. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Because only a few questions can be answered in the *Rocketeer* each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent for this column to be used to subvert normal, established chain-of-command channels.

Early Deadline for NWC ROCKETEER:
4:30 p.m. MONDAY, NOVEMBER 20

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

Challenge goes to weightlifters for health, fun and contest

What active duty military member can resist a challenge?

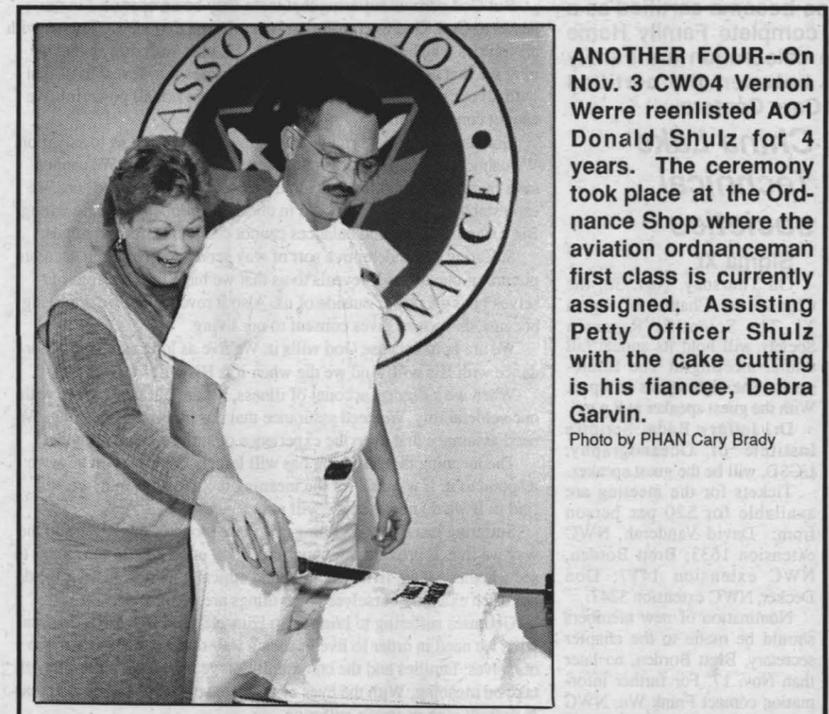
If you're into weight lifting or just working out for fun or health reasons, pick up a **Holiday Weight Room Challenge** card from Morale, Welfare and Recreation before Nov. 20.

Whenever an active duty military member works out for 30 minutes or more in one day, the card will be initialed by one of the gym staff.

If all 28 marks are initialed before Jan. 5, the participant will receive a free specially designed T-shirt.

Call NWC ext. 6542 for more information.

BUCKLE UP AND LIVE!



ANOTHER FOUR--On Nov. 3 CWO4 Vernon Werre reenlisted AO1 Donald Shulz for 4 years. The ceremony took place at the Ordnance Shop where the aviation ordnanceman first class is currently assigned. Assisting Petty Officer Shulz with the cake cutting is his fiancée, Debra Garvin.
Photo by PHAN Cary Brady

Team aids in transition from Navy

Sailors preparing to leave the Navy can turn to the Pacific Fleet Career Information Team for information on how to prepare for a smooth transition to civilian life. Under the direction of Cdr. J.L. Halvorson, the team is a service organization whose mission benefits both active duty and reserve forces in support of the "One-Navy" concept.

The team, and its Atlantic Fleet counterpart, were established by the Chief of Naval Operations and Commander, Naval Reserve Force to provide vital information to separating personnel, officer and enlisted, as they move to civilian life fully

knowledgeable of Naval Reserve programs and veteran benefits they are eligible for. The Navy has invested time and money in their training, and it is in the nation's best interest to utilize the knowledge and experience veterans possess.

PACFLT headquarters for the team is San Diego where three pre-separation counselors serve the entire region. There are similar counselors in Long Beach, Port Hueneme, San Francisco Bay area, Seattle/Bremerton and Hawaii.

Pre-separation lectures cover a wide range of information including the opportunities and benefits

of continuing a career in the Naval Reserve and TAR program, veteran benefits, and complete coverage of the DD-214.

Attendance at a pre-separation briefing is mandatory for all separating personnel.

The team is also the Navy liaison with the State of California for the Career Awareness Program, a four and a half day seminar for separating personnel as well as those transferring to the Fleet Reserve or retiring. The course is taught by civilian community college-level instructors and covers a varied range of topics including resume writing, job research, and interview tech-



YEAH! THEY DID IT!—Stacy and William Cohen (far left) don't seem too excited that their mother, Denise Cohen, has become certified as a child care provider on base. On the other hand, Sarah Cheek holds up her hand in victory because her mother, Helen Cheek, has also become certified as a child care provider. The two women were first to complete Family Home Care Provider Certification process. Joining in the celebration are Family Home Care Provider Coordinator, Janet Butler (between the certified providers), and Camie Fielder, head of NWC's Child Care Centers.



China Lake Technical societies

Sigma Xi
On Thursday, Nov. 30, the China Lake Chapter of Sigma Xi, The Scientific Research Society will hold its annual fall dinner meeting at The Homestead. The night opens at 5 p.m. With the guest speaker at 8 p.m. Dr. Jeffery Bada, Scripps Institute of Oceanography, UCSD, will be the guest speaker. Tickets for the meeting are available for \$20 per person from: David Vanderah, NWC extension 1633; Brett Borden, NWC extension 1417; Don Decker, NWC extension 3247.

Nomination of new members should be made to the chapter secretary, Brett Borden, no later than Nov. 17. For further information contact Frank Wu, NWC extension 3632, or Carey Schwartz, NWC extension 1442.

Computer Society
"What is VHDL?" will be the topic for the next meeting of The Computer Society, China Lake Chapter. The meeting is scheduled to begin at 11:30 a.m. on Tuesday, Nov. 21, at El Charro Avitia. Jim Fuller's view graph presentation will explain what VHDL is, its origin, who makes it, and its current implementation by several vendors. An overview of the language will be given and a sample VHDL model will be illustrated on SUN 3260 computer. Fuller's work in Code 3573 involves demonstration of image processor design capability for IR seeking missile application; utilizing C programming language, image processing simulation and DEC DR 11-W interface with Colorado Video frame store. The administrative meeting is Dec. 4 at El Charro.



"A Look at Suffering"

The idea of suffering because of illness is not a pleasant thought. Very few people relish experiencing pain. Many people do not accept that suffering can be a positive experience for the individual. But the reality is that suffering due to illness exists in the world. God is real. And yet, however, God is able to use suffering in a redemptive way.

If we did not ever suffer, it would be difficult for us to recognize our need for God. We would live life strictly on our own terms. We would live only in terms of thoughts and feelings.

But God permits suffering that there may be an openness in our hearts to God. God uses suffering to remind us that we are human with all frailties which being human entails. He uses suffering so that we may see that our knowledge is limited. He uses it to reveal to us that with all our technological advances we still are not all powerful. We cannot control pain.

God uses suffering through illness in order to bring us to salvation. We cannot save ourselves from our tendency to do evil. We cannot save ourselves from immoral and unethical behavior. To be sure, we can establish procedures to hold in check our propensity to do wrong. But external checks and balances cannot change hearts and minds.

Suffering in a redemptive sort of way serves to give us an accurate picture of ourselves. It reveals to us that we have life not from ourselves but by a power outside of us. Also it reveals that we are living because this power gives consent to our living.

We are born because God wills it. We live as long as it is in accordance with His will. And we die when it is His will for us to die.

When we suffer on account of illness, we are put face to face with our vulnerability. We need assurance that our lives have meaning. We need assurance that even the experience of suffering has meaning.

The meaning that suffering has will largely depend upon how we respond to it. If we seek for the meaning that God has in it, we will find it. If we do not, then we will not grow.

Suffering has a way of aiding us to take stock of ourselves and the way we live. It provides an opportunity for us to look in the mirror to see whether we are living morally and ethically. Unfortunately, we do not often examine ourselves when things are going well.

God uses suffering to bring us to Himself. God has at His disposal what we need in order to live in such a way that we are of benefit to ourselves, families and the community. If we trust God, suffering will take on meaning. With the eyes of faith we will see that God is actually present with us in our suffering.

I have learned through suffering that I need the one whom I believe to be God's gift to mankind, His Son Jesus Christ. I believe in Him. I know that He will never forsake me. I live my life, through joys and sorrows, in service to Him who died on the cross to bring me into the presence of God.

By Lt. G. E. Williams, CHC, USNR
Airfield Chaplain

MWR plans holiday 'Magic-Magic' show

Magic is in store for young and old who attend a special holiday event on December 16. The Morale, Welfare and Recreation Division will sponsor the mind-teasing talents of *Magic • Magic* from 2 to 3:30 p.m. at the Station Theatre. Admission for children under five years is free; for 6-12 years, military \$1.50, DoD \$2, others \$2.50; and for 13 years and up, military \$2, DoD \$2.50 and others \$3. Popcorn, pop and candy will be available for enjoyment at the performance. For information call NWC ext. 2909.

NWC HOTLINE Integrity, efficiency program
Call: NWC ext. 3636 (24 hours) or call the Inspector General at: (800) 522-3451 (toll free)



PASSING ON THE APPRECIATION—Dan Goss (right), associate head of the Ordnance Systems Department, had the honor of presenting Andrew Victor with a JANNAF award last week.

Joint services reward Victor

On Nov. 6, Andrew C. Victor was presented the Joint Army-Navy-NASA-Air Force (JANNAF) Interagency Propulsion Committee's Certificate of Recognition by Dan Goss, Associate Department Head, during a Code 32 Department meeting.

The JANNAF organization serves as the focal point to coordinate DoD's and NASA's missile, space, and gun research and engineering programs. Through the vital exchange of technical information, JANNAF has made many valuable contributions to U.S. missile, space and gun propulsion

advancements. Victor has served on the JANNAF Exhaust Plume Technology Subcommittee for the past twenty years. During his membership he has published several technical papers and held several key positions: His many years of competent and dedicated service to the propulsion community have helped to make the efforts of JANNAF a success.

A physicist, Victor has been a China Laker since November, 1962.

Concert season opens Saturday to Handel, Gounod and Schubert



"Musically Moving into the Nineties," is the theme for the current subscription season of the Desert Community Orchestra Association (DCOA). Tomorrow evening at 7:30 p.m. the orchestra will play their first concert under the direction Bogidar Avramov at the Cerro Coso Lecture Hall. Tickets may be purchased at the door for \$8 general admission and \$6 for senior adults, under 18 and active military.

This season the orchestra has employed as their director Avramov, a professor of music at

Loyola Marymount University and director of the Beverly Hills Symphony Orchestra.

At 6:15 p.m. all ticket holders will have the opportunity to "Meet with the Maestro" prior to the concert for a discussion on the works of Handel, Gounod and Schubert scheduled to be performed. A post-concert reception will be held in the Student Center.

**•MWR•
UPCOMING EVENTS
19-25 NOVEMBER**



November 19-
•Military Thanksgiving Tournament. Bowl to win a Turkey dinner at Sizzler for two (2).

November 20-
Sign-up at CRAFTTECH for upcoming art classes.

November 21-
•Lunch at Seafarer Club-Liver & Onions/ Roast Beef
•Dinner at Seafarer Club-Steak Night
•Register to win a trip to "Someplace Warm" at SATO TRAVEL

November 22-
•Lunch at Seafarer Club- Chicken Fried Steak
•Dinner at Seafarer Club- Cook's Choice
•Disco- Seafarer Ballroom- Jams Inc.
•Lip Sinc Contest-Seafarer Club

November 23-
•HAPPY THANKSGIVING FROM MWR.

November 24-
Seafarer Lunch Soup and Salad, Sandwiches

November 25-
•Blue Chip Stamp Bowling-Hall Lanes
•Matinee- NWC Theater, 2:00 p.m.
Batteries Not Included

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Prices are per person, double occupancy and do not include airfare. Cruises leave from Los Angeles. Subject to rate changes and availability. Specific dates apply. Ship's Registry: Azure Seas, Panama; Southward, Bahamas; Fair Princess, Liberia.

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MWR SAYS THANKS--to Deputy Sheriff Louie Allen and family (above), plus the local merchants who helped to make the Halloween party at the Fairgrounds a howling success. Albertson's, Golden Corral, Von's, Graziano's, Coast to Coast, Major Video, Todd's, High Desert Home Center and Security Engineering--thank-you!

55-Alive course yields auto insurance rebate

Demand has been building for another local 55/Alive Course. A course will be repeated here on Nov. 29 and 30 from 10 a.m. to 3 p.m. at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd. The class is sponsored by the American Association of Retired Persons.

Lectures, slides and notebook work make up 55/Alive. No exam is given, but participants are required to stay for the full eight hours. At the end of the course participants receive a certificate which, by current California law, entitles the holder to a rebate on auto insurance for a total of three years. To continue the rebates, the course must be repeated every three years.

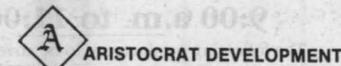
Persons 55 and older learned to drive 25 to 30 years ago. Decreased reflexes, sight and hearing capabilities, and the introduction of new laws makes it practical to take this course which outlines ways to adjust to physical changes. Participation can increase confidence in driving.

An absolute requirement for taking the course, you must enroll and pay \$8 fee ahead of time. Since classes are limited to 30 participants, enroll early. There is no one in Ridgecrest to accept checks. Checks should be made out to "AARP" and dated the day of the class. Mail check and enrollment request (specify the preferred date) to Del Chambers, P.O. Box 9, Lone Pine, CA 93545. If you do not show up for the class, and the class is below the 30 limit, your \$8 will be forfeited.

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Surplus auction set for November 30

Local Auction 41-0095 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Thursday, Nov. 30. The auction will begin at 9:30 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the 253 items to be offered will be firewood, 2-ton trucks, pickup trucks, electrical and electronic equipment, computers, typewriters, 5-lb CO2 extinguishers, hydraulic rams, kiln, slide and motion picture projectors, copper laminate, oils, coatings, drafting tables, drop tanks, hydraulic press, tires, trailer and trailer vans.

The items will be on display for inspection from 8 a.m. to 3 p.m. daily except weekends beginning Monday, Nov. 27. A complete list as well as sale terms and conditions can be seen at Building 1073,

Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money orders, traveler's checks, etc.). Purchasers will have until Dec. 12 to pay and remove items.

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

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



YOUNG PATRIOT--At an awards ceremony at the branch home of the Fleet Reserve Association, China Lake Branch 95, President John McInnis presented a \$100 savings bond to David Harris. Harris is a Burroughs High School student who won second prize nationally for his 1988-1989 essay entitled "What Patriotism Means to Me."

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HALLOWEEN CEREMONY--On Oct. 31 AMS1 Forrest Lester (right) signed up for two additional years in the U.S. Navy. The aviation structural mechanic works in the metal shop of NWC's Aircraft Intermediate Maintenance Department. Ens. Richard Chapman served as the reenlistment officer. Photo by PHAN Cary Brady

Dental plan information for sailors

SAN FRANCISCO (NNS)--Sailors on active duty who have enrolled their families in the Dependent Dental Plan (DDP) will receive a booklet soon on the Plan's coverage.

The current contractor, Delta Dental Plan of California, is mailing booklets titled *Evidence of Coverage* in September to all active duty military sponsors, dental care providers and military health benefits advisors.

For a copy, write: DDP Delta Evidence of Coverage, P.O. Box 7046, San Francisco, Calif. 94120-9727; or call (916)381-9368.



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I've heard alot about viruses lately, just what exactly is a computer virus?

A virus is a program that has two basic purposes in life. First, it will self-propagate from computer to computer in an ever increasing vicious circle. Second, it executes code which will impair the various functions of your computer and may actually destroy programs and files. Although not all viruses are intended to be malicious, the side effects of viruses can cause system crashed and/or printing errors.

Viruses are not new, nor are they limited to a particular type of computer. Viruses have been around almost as long as computers themselves; first noted as early as 1948. Infestations have been discovered on virtually any type of system. However, reports to the PC Lab indicate that the primary viruses known to exist at NWC are two strains of nVIR as well as isolated cases of Scores and Init 29, all of which affect the Macintosh.

How do I tell if my computer is infected with a virus?

You can suspect a virus if your computer crashes, begins to behave abnormally, or stops doing the things it normally does. Similar symptoms may also arise from corrupted system files and do not neces-

sarily mean that your computer is infected. If you have installed WARNING (public domain software available at the PC Lab) on your Mac, it will display a message when you boot up if a known virus has infected your machine.

What do I do if I have a virus on my computer?

Call the PC (pest control) Lab to have a consultant diagnose and inoculate your computer to get rid of the virus. You can also get your own copy of a public domain program which will detect and eradicate viruses; copies are available in the PC Lab. Just stop by to pick up a copy.

How do I prevent my computer from becoming infected with a virus?

Your mother always said "An ounce of prevention is worth a pound of cure." There are a few rules that apply: don't share applications and floppy disks; if you need to download something from a network or bulletin board, always download to a floppy disk and check the disk for viruses before loading to your hard disk; don't accept a floppy disk from anyone without first checking it for virus infestation; back up on a regular basis. I repeat, back up your hard disk; it's inexpensive insurance!

By Bob Beane

Phone dialing system plan for Michelson Lab

Thursday, Nov. 30, between 1700 and 2400 hours, a new dialing plan will be implemented affecting all telephone users in Michelson Lab and vicinity with telephone numbers in the 1000, 4400, 4500, 4600 and 4700 groups. You will dial 9, wait for dial tone then dial the four digit extension for on-Center calls. For off-Center calls, dial 9, wait for dial tone, then dial 9 plus the number you wish to call. You must wait for the dial tone after dialing the first "9" to avoid incomplected calls and wrong numbers.

Exception dialing within the subject number groups will remain the same, i.e., dial the four digit extension.

The dialing plan change will enable you to access MCSS (Mechanized Credit Card Service). This means you can key in your credit card number on your touch tone set.

For example: You will dial 9-and wait for the dial tone. Then dial 9 + 0 + the number you wish to call. A special tone will sound and you will key in your credit card number. Your call will be processed without operator intervention.

You are still required to record each long distance call on NAVWP-NCCEN Form 2060 or toll log for validation purposes.

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CSUB winter classes begin January 8 on Center

The following classes are being offered this winter for the Cal-State University, Bakersfield (CSUB), bachelor's degree in business administration and the master's degree in administration programs. To enroll in these classes, submit an On-Center Training Request and Authorization Form (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held at the first class meeting. *Deadline for enrolling is 10 calendar days before the starting date of the class.*

MGT 301: Quantitative Methods for Business Decisions (5 quarter units)
Jan. 11-Mar. 15; Thursdays, 1610-2110; Training Center. By Professor Vigen, CSUB, (805) 664-2326.

Prerequisite: Math 20: Basic Functions and Calculus For Business, and Math 22: Elementary Probability and Statistics, or equivalent, or consent of instructor.

Scope: An introduction to the application of quantitative methods and information systems, including computer applications in business and industry. Information processing, allocation of resources, network analysis, and inventory planning are among the models examined as they relate to the management decision-making process.

ADMIN 477: Types, Applications and Structuring of Contracts (5 quarter units)
Jan. 10-Mar 14; Wednesdays, 1610-2110; Training Center. By Martha Slayton, NWC ext. 2987.

Scope: Review of various types and forms of government contracts. Will include a brief look at how the various types of government, i.e., city, state and federal, conduct procurement and types of contracts used. This will include choice of type of contract considering the statement of work and potential risk, how the various types of contracts work, how to structure the different types of contracts and how to consider contract administration when structuring a contract. Different contract types will include incentive and award fee contracts.

Note: This course satisfies a business elective for the bachelor's degree program in business administration through CSUB. The course also serves as an elec-

Book Dec. 6 appointment with CSUB advisor now

Academic counselors of Cal-State Bakersfield will be on Center Dec. 6 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Bakersfield include a bachelor's degree in business administration and a master's degree in administration. Bakersfield also provides math courses in other external degree programs at NWC.

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

Note: This is a core course for the bachelor degree program in business administration through CSUB.

SOC 405: Technology and Society (5 quarter units)
Jan. 8-Mar 26; Mondays, 1610-2110; Training Center. By Professor Travis.

Scope: This course examines the reciprocal relationship between technology and society, emphasizing the manner in which technological changes alter basic social institutions, including the family, religion, the military, and even science itself. Special attention is given to the positive and negative impacts of technology on the individual and the dilemmas posed by the creation of a technology dependent economy. Requires intensive writing.

Note: This course satisfies General Education Goal XIII for CSUB students.

PSYCH 602: Seminar in Organizational Psychology (5 quarter units)
Jan 11-Mar 15; Thursdays, 1610-2110; Training Center. By Professor Sasaki, CSUB.

Scope: Examination and application of theories and concepts pertaining to the behavior of individuals in contemporary work organizations. Deals with those factors which affect positively and negatively the ability of individuals and groups of individuals to work effectively within the structure and climate of complex organizations. Topics deal with issues associated with individual values, beliefs, attitudes and expectations as they affect the management processes, including leadership, decision-making, and communication.

Note: This is a core course for the master's degree program in administration through CSUB.

MATH 477: Experimental Design and Statistical Analysis (5 quarter units)
Jan 8-Mar 16; Monday thru Friday, 1130-1230, four hours lecture per week and one hour computer lab per week; Training Center. By Mr. Ron Merritt, NWC ext. 4652.

Prerequisite: Elementary Probability and Statistics is required, or consent of instructor.

For more information about any of these programs or classes, contact Cecil Webb, NWC ext. 2648.

in the upcoming UCSB Government Contract Administration Program scheduled to begin April.

EW design class set

Electronic Warfare Receiver Design and Development (40 hours)
Nov. 27-Dec. 1; Monday-Friday, 0800-1600. Training Center. By Stan Hall, consultant.

Intended Audience: Equivalent of a B.S. Degree in electrical engineering with a background in the design of electronic circuits and assemblies.

Scope: This course reviews the performance requirements necessary to satisfy top level mission objects, showing the evaluation of the performance of candidate EW receiver configurations. Technology areas include recent developments in RF MMICs, monolithic wide-band video, high-speed digital either as gate arrays or custom ICS. The course will conclude with the demonstration of the expanding role of high-speed digital processing in replacing the traditional analog functions of filtering and signal demodulation in current and future receiver applications.

To enroll, call NWC ext. 2359.

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Scope: Examination and application of theories and concepts pertaining to the behavior of individuals in contemporary work organizations. Deals with those factors which affect positively and negatively the ability of individuals and groups of individuals to work effectively within the structure and climate of complex organizations. Topics deal with issues associated with individual values, beliefs, attitudes and expectations as they affect the management processes, including leadership, decision-making, and communication.

Note: This is a core course for the master's degree program in administration through CSUB.

General Comments

1. Textbooks are available at bookstores locally.

2. Job-related courses other than those listed above or those offered under contract with Cal-State, Chico, Cal-State, Bakersfield, or Cal-State, Northridge, must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training.

For more information about any of these programs or classes, contact Cecil Webb, NWC ext. 2648.

Prerequisite: Elementary Probability and Statistics is required, or consent of instructor.

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Transfer excess leave to coworkers in need

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

Beverly Parsons, Purchasing Agent, Code 257 -- received severe neck injuries in a car accident and will be unable to return to work until late November. She is indebted for leave.

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

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

estimates she will not be able to return to work until Jan. 2.

Kimberly Sorensen, Secretary, Code 2842--developed kidney failure and has been undergoing Hemodialysis three times a week at Loma Linda. She is also receiving Peritoneal Dialysis.

Mary Eddins, Configuration Manager, Code 2732--received neck and back injuries in an automobile accident. She is now back to work part-time, but is indebted for leave.

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

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

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

Mike Mason, Mechanical Engineering Technician, Code 3526 -- is continuing to receive chemotherapy treatments at

UCLA for his long-term illness. He is able to work intermittently between treatments.

Michael Phillips, Student Trainee (Computer Scientist), Code 2803 -- has had repeated surgeries for recurring tumors of the knee, which have led to two replacements of the knee joint.

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

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

Betty Cirotski, Procurement Assistant, Code 31B1 -- will be undergoing surgery for a total hip replacement.

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

Karen Murphy, Chemical Engineer, Code 3626, -- is recovering from extensive surgery and is indebted for leave.

Leave Donation Form
Complete and send to Code 221

From: _____

Code: _____

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

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

Signature _____ Date _____

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Individualism in TQM

Course offers advice for managers

Teambuilding for New Results(24 hours)--Dec. 18-20, Wed-Fri, 0800-1600, Conference Center, By Pauline Lyttle.

Intended Audience: Managers and supervisors.

Course Objectives: The paradox of Total Quality Management is that one cannot have individual authenticity without a community context in which to experience it. Also, one cannot have a team without a collection of unique individuals of which the team is comprised. These apparent opposites are interdependent.

Scope: Attendance will enable participants to:

- Quickly understand the management of diversity between male/female, anglo/other racial minorities and consensus versus influencing styles in a Total Quality Management system.

- Provide a diagnostic, predictive, strategic, crisis-resolution model to manage diversity in both the individual and the team.

- Increase sensitivity, within all racial cultures, to gender barriers that obstruct cooperation.

- Create a philosophical climate of collaboration in which men and women regard the

accomplishment of NWC as the opportunity through which individuals can advance/excel.

- Forge commitment to a team effort that utilizes past inequities or cultural differences as the strengths for future collaboration in a new way.

- Teach a leadership model of influencing and consensus build-

ing teambuilding skills in the current and future culture of NWC.

- Reinforce learning from diversity "on the team" in a gender mixed environment.

Note: To enroll in this class, submit NAVWPNCEN Form 12410/73 via department channels to Code 224.

Deadline: Nov. 27.



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Suhr wins Hays Award

(Continued from Page 1) and issues were some of the criteria for evaluation of nominees.

Hays noted he strongly supported the idea of recognizing the contribution of the production support. He added that in Suhr's more than two decades at NWC, he had played important roles in supporting many weapons systems including Sidewinder and Sparrow missile work. Hays noted Suhr was a dedicated and creative technical manager.

Suhr, in accepting the award, said he had learned a lot from Hays and other fine people in the Engineering Department.

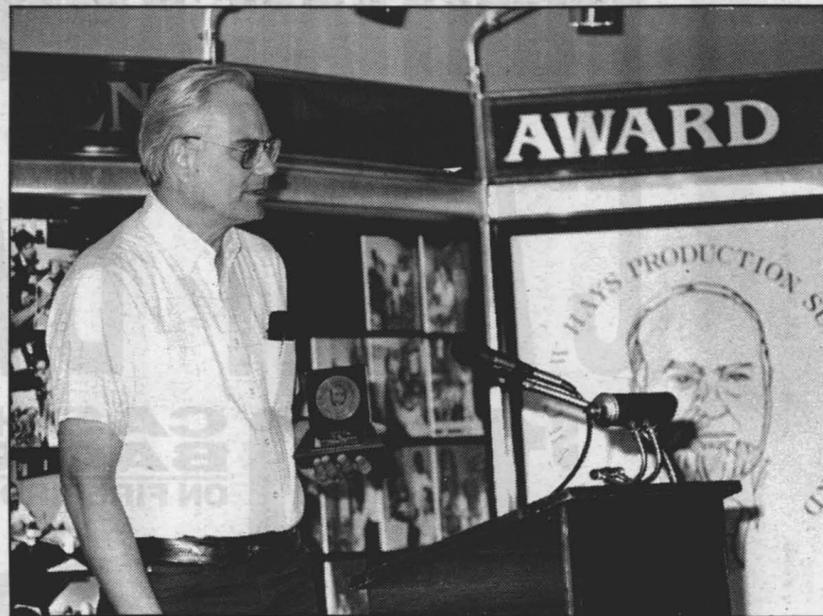
Bob Riggs, acting head of Code 36, the master of ceremonies, said the idea for this award was several years old and the only real problem was the number of outstanding individuals who had been nominated by department employees.

In recognition of the difficulty of narrowing the field down to just one individual, the department developed the Golden Rung

Award which will go to some of the top performers in production support effort, but who aren't yet B.W. Hays Award winners. He indicated the Golden Rung Award could well become a rung on the ladder leading to winning the Hays Award for Excellence in Production Support.

The Golden Rung Awards this year went to Joyce Sherman, of Code 3782, a four-year Engineering Department employee; Brad Harlow of Code 3622, who has been at China Lake since 1984 and Bob Seberger, of Code 36441, a NWC employee since 1972. All were saluted for their ongoing and exceptional support of many programs. Harlow was on travel and unable to be on hand to receive his award.

Bill Porter, NWC's Technical Director, Jack Russell, deputy technical director and Sterling Haaland, laboratory director, were on hand for presentation of these awards. Russell and Haaland are former heads of the Engineering Department.



HAYS WINNER--Jim Suhr had a few words of thanks after winning the B.W. Hays Award.

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Kodak's Diconix 150 Plus printer weighs only 3.75 pounds including batteries (prints continuously for 50 minutes on batteries). Prints 180 characters per second & NLQ and graphics at 192 x 192 DPI, is completely Epson FX compatible (with all the fonts: italics, emphasized, proportional, super/subscript, ...), has a 2000-character print buffer, is super quiet, and comes with charger/A.C. adapter. Come see the Diconix 150 Plus perform.



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SANTA'S ART SHOP IS COMING!!

Personnel news and notes

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 applications will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 31-090, Secretary (Typing), DG-2/3, Code 313 - The incumbent provides secretarial support to the EW Avionics Division of the Aircraft Weapons Integration Department, and leadership and training for other secretaries in the Division. Knowledge of and experience on the Macintosh is desirable, but not required. Promotion potential to DG-3.

No. 31-091, Secretary (Typing), DG-1/2, Code 3197 - The incumbent will provide secretarial and administrative support to the AH-1 Systems Engineering Branch. Knowledge and working skill on the Macintosh is desirable. Promotion potential to

DG-2, but not guaranteed.

No. 31-094, Secretary (Typing), DG-318-3/4, Code 31 - The incumbent will provide secretarial and administrative support to the Aircraft Weapons Integration Department. Knowledge of Naval correspondence and experience on the Macintosh Computer is desirable. The incumbent must demonstrate positive interpersonal skills and must be able to interact with personnel at all levels. Promotion potential to DG-4, but not guaranteed. Status eligibles may apply.

Quantum Mechanics available on tape

Videotapes of Dan Gillespie's recent Technical Director's Seminar, *Is Quantum Mechanics Crazy, or What?* are now available to individuals or groups for viewing either at work or at home.

To reserve a tape for a free one-day or two-day

check-out, call the Research Department office at NWC ext. 2246. Tapes are available in VHS, Beta and 3/4-inch format. The talk runs 70 minutes, and does not require any prior familiarity with the subject matter.

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Open season underway for Thrift Savings Plan

Another Thrift Savings Plan (TSP) open season began Nov. 15 and will continue through Jan. 31. Open season pamphlets are being distributed to all employees.

During open season employees have the opportunity to change current enrollment, or make an initial participation election. Election forms processed by Jan. 12 will be effective the first pay period in January which starts Jan. 14. Enrollments received on or after Jan. 14 will be effective the beginning of the following pay period.

TSP is the third part of a Federal Employees Retirement System (FERS) employee's retirement plan. Personal contributions to TSP by FERS employees are a very important part of their future financial security. FERS employees receive an automatic government contribution equal to one percent of their basic pay per pay

period to TSP. In addition the government will match any contribution that FERS employees make to TSP up to four percent of basic pay. FERS employees may contribute as little as one percent of their basic pay per pay period or even a smaller, fixed-dollar amount, such as \$5 per pay period, and still get a government matching contribution. FERS employees can contribute as much as ten percent of basic pay. All contributions to the TSP are tax deferred.

Civil Service Retirement System (CSRS) employees may contribute up to five percent of basic pay. They do not receive matching government contributions, but their contributions are tax deferred.

Employees wanting to change their current enrollment or begin participation in TSP should contact their Personnel Management Advisor (PMA). For further information call your PMA or Virginia Spille at NWC ext. 2592.



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4TH YEAR ANNIVERSARY SALE!!!



Personnel News & Notes

Promotional opportunities

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

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

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

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

No. 00-007, Public Affairs Clerk (Typing), DG-303-1/2, Code 0031- This position is located in the Protocol Office. The office coordinates technical presentations made to distinguished visitors, individuals and groups, both military and civilian, and functions as an element of the Public Affairs Office. The incumbent performs the duties of the receptionist in the Michelson Laboratory Lobby. The incumbent also performs a variety of duties in support of the numerous VIPs who come to the Naval Weapons Center, including visitor processing, protocol procedures, and conferencing support. Incumbent is required to drive cars or vans in the performance of some duties. **Job Relevant Criteria:** Knowledge of NWC organizational structure and programs; skill in person-to-person communications; skill in typing. If selection made at DG-303-1 level, promotion potential to DG-2, but not guaranteed. Previous applicants need not reapply.

No. 36-070, Supervisory Interdisciplinary (General/Mechanical/Materials/Electronics Engineer/Physicist), DP-801/803/806/855/1310-4, Code 364- This position is Head of Engineering and Production Processes Division, Engineering Department. Incumbent is responsible for the technical and managerial duties of the division. Division responsibilities include a wide variety of engineering and prototype fabrication services to the Center's weapons programs. Engineering services provided by the division include materials engineering and evaluation, both metals and non-metals. Management and operation of extensive materials laboratory facilities include mechanical properties, failure analysis, chemical, SEM, and materials characterization. A major materials requirement is the engineering and fabrication support to the Center's newly established composites program. Production engineering services includes producibility and inspectability, production readiness reviews, production processes, evaluation of contractor facilities and manufactured hardware, electronic and dimensional metrology services, and micro-electronic support services. The prototype fabrication services of the division include custom and integrated circuits, and extensive machining and metal model shops in Michelson Lab, NAF, Salt Wells, and EWTEs. Quality control services support the shops and vendor manufactured hardware. The division also provides contractor services for NWC for machine tool and electronic maintenance. The division operates primarily as a service center. There are three service centers and a cost center budget. The service centers require the division to operate as a small business and have several data bases to provide the management information required to verify operations and schedules. To accomplish the duties and responsibilities of this position, the incumbent must direct a large and diversified work force including a variety of engineering disciplines, technical specialists, technicians, model makers, machinists, and inspectors. The division has approximately 150 personnel and organizationally has nine branches and four technical offices. **Job Relevant Criteria:** Knowledge of the service center budget process; knowledge of and a willingness to support NWC EEO policies; knowledge of DoD contracting procedures; knowledge of and an understanding of the materials acquisition process;

knowledge of materials, production, metrology, composites, electronic and mechanical prototype fabrication processes, and production support; ability to supervise and manage a large and diversified work force through subordinate supervisors. Incumbent may be required to serve a one-year supervisory probationary period.

No. 39-096, Administrative Assistant, DA-341-1/2, Code 39B11- This position is located in the Standard Missile Project Office, Intercept Weapons Department. Incumbent is responsible for assisting in all administrative areas including personnel, plant account, ADPE, C&IS planning, procurement, FES (facilities, equipment, & space), financial management, safety and security. **Job Relevant Criteria:** Knowledge of administrative techniques; knowledge of NWC policies and procedures; ability to communicate orally and in writing. Skill on the Mac II Computer is desired. Must be able to obtain and maintain a secret clearance. Promotion potential to DA-2, but not guaranteed.

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.

Reassignment opportunities

No. 35-072, Interdisciplinary General/Electronic/Electrical/Aerospace/Mechanical Engineer/Physicist/Mathematician/Computer Scientist, DP-801/855/861/830/1310/1550-2/3, Code 3561- This position is located in the Software Development Branch of the Missile Software Division. The branch does hands-on analysis design, coding, testing, and simulation of embedded software for several programs as well as monitoring and evaluation of contractor based efforts. This position involves working on several branch projects using embedded computers doing both hands-on development and the monitoring and evaluation of contractor efforts using a variety of structured development methodologies. Experience in structured software development methodologies and embedded software environments, and DOD-STD-2167/2167A, PASCAL, JOVIAL or Ada. Familiarity with HWIL, V&V and avionics hardware is desirable. Some travel is required. Incumbent must be able to obtain and maintain a Top Secret clearance. To apply send an updated SF-171 to James Martin, Code 3561, NWC ext 2459.

No. 36-071, Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace/Industrial Engineer/Physicist/Mathematician), DP-801/830/850/855/861/896/1310/1520-3, Code 36A1- This position is located in the Sidewinder Production Office. The incumbent will act as a Component Production Manager. The incumbent will be involved in coordinating the efforts of various missile component contractors. This includes, but is not limited to, the coordination of ECP's, communication with contractors regarding interpretation of government drawings, specification, test procedures, and the review and reporting to NAVAIR/Contractor on the adequacy of production program plans, vendor qualification test plans, reliability program plans, lot acceptance reports, and other data specified in the respective contracts. The incumbent will coordinate the efforts of NWC support disciplines (i.e. product assurance, design/technical, logistics, etc.). Please submit a current SF-171 to Gil Cornell, Code 36A1, NWC ext 3704.

Early Deadline

Due to Thanksgiving, the NWC Rocketeer deadline next week is **4:30 P.M. Monday, November 20**

Post no bills for on-Center garage sales

Housing Says...Having a Garage Sale? It's a great way to get rid of unwanted items and make extra

spending money at the same time. The only thing the Housing Office Staff asks is for Center resi-

dents to limit their advertising to the local newspaper and Swap Sheet. Do not place signs on tele-

phone poles, fences, etc. Advertising signs are often left up long after the sale is over--an unattrac-

tive addition to the housing area. If signs are posted, residents will be asked to remove them.

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Call: NWC ext. 3636 (24 hours)
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THANKSGIVING SALE 25-40% OFF

Save Big on Name Brand Items for Women, Men, Children and the Home.

WOMEN

Ecobay knit dressing. Choose from tops, pants and skirts in assorted patterns. Reg. \$24.-40. **Sale 33% off.***
Missy knit tops. Holiday looks in assorted colors. Orig. \$30.-36. **Sale 33% off.***
Famous maker coordinates. Choose from a wide selection of jackets, pants, blouses and skirts. (Petites available in selected stores). **Sale 33% off.***
Missy 2-piece poly cotton pant sets. Assorted solid colors. Sizes S-M-L. Reg. \$23.99. **Sale 25% off.*** (Fuller Fashion sizes 1X and 2X available in selected stores. Reg. \$25.99. **Sale 25% off.***)
Dee pleated skirts. Short and Average lengths in a variety of colors. Sizes 8-18. Reg. \$15. **Sale 25% off.***
Selected Fall dresses. **Sale 33% off.***
Junior's twill jumpsuits by Ideas. Assorted Fall and Holiday colors. Sizes 3-13. Reg. \$38.-48. **Sale 33% off.***
Selected Junior sweaters including pullovers, vests and cardigans. Choose from an assortment of necklines, patterns and colors. Sizes S-M-L. Reg. \$28.-48. **Sale 33% off.***
Famous maker robes. Orig. to \$45. **Sale \$29.97.**
Selected Deena sleepwear. Choose from a variety of styles and fabrics. Reg. to \$38. **Sale 33% off.***

Entire stock of regular price Support Can Be Beautiful bras by Playtex. See our exciting new style. **Sale 33% off.***
Entire stock of regular price Olga bras. **Sale 33% off.***
Selected handbags. Choose from vinyl, fabric and leather. **Sale 33% off.***
Women's "5 in 1" wallet. Orig. \$18. **Sale 40% off.***
Selected styles of fashion and basic lucite jewelry. **Sale 50% off.***
Entire stock of regular price Mele wood and velvet jewelry boxes. **Sale 33% off.***

MEN

C.C. Sport long sleeve tops. Reg. \$36. **Sale 33% off.***
Entire stock of regular price Jantzen and London Fog sweaters. Choose from crew necks, v-necks and cardigans. Reg. \$40.-60. **Sale 33% off.***
Haggar polyester belt loop slacks. Reg. \$28. **Sale 25% off.***
W. Koury corduroy slacks. Orig. \$32. **Sale \$21.97.**
Haggar wool blend slacks. Orig. \$42. **Sale \$32.97.**
Oscar de la Renta poly/silk ties. Reg. \$17.50. **Sale 33% off.***
Arrow Bradstreet solid dress shirts. Long sleeve reg. \$25. Short sleeve reg. \$21. **Sale 25% off.***

"We better gobble, gobble up these savings!"

"What a turkey."



Entire stock of flannel pajamas. Reg. \$22. **Sale 25% off.***
International News activewear for Young Men. Orig. \$32.-40. **Sale \$20.97-26.47.**

CHILDREN

Pullover sweaters, skirts, pants and sportswear by Knitwaves. Girls' sizes 4-14. Orig. \$14.-44. **Sale \$10.47-32.97.**
Entire stock of miniwaves sweaters and skirts by Knitwaves for Toddler girls. Values \$14.-30. **Sale 25% off.***
Wonderknit fashion turtlenecks for Boys. Sizes 4-7 reg. \$10. Sizes 8-20 reg. \$12. **Sale 25% off.***
Newborn boxed gift sets. Reg. \$12.-20. **Sale 33% off.***
New Beginnings 100% cotton playwear. Newborn and Infant sizes in light blue and pink. Orig. \$8-26. **Sale 33% off.***

Hush Puppies jog sets for Newborns, Infants and Toddlers. Orig. \$15.-22. **Sale 25% off.***

HOME

Christmas table decorations. Choose from table runners, napkins, placemats, tea towels, bun covers and tree skirts. Values \$2.-26. **Specials 97¢-12.97.**
"Tivoli" lace tablecloth. Ivory color. Values \$26.-40. **Sale \$14.97-18.97.**
Whittier Pottery's White Ceramic Turkey Platter. 14"x20". Value \$20. **Sale \$14.97.**
Toscany "Encore" 7-piece wine set. Crystal with floral pattern. Value \$50. **Sale \$24.97.**
*Discount taken at register. Intermediate markdowns may have been taken. Some items not available in some stores.

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Fincher earns TD Award

(Continued from Page 1)

performance, Navy targeting capabilities and earth-centered coordinate systems."

Haaland added in his letter, "As the SLAM integration proceeded, he made several major contributions. While working to help the contractor improve the planned manual mission planning system, he saw the need to speed up and simplify the work of the fleet planner by automating the process. A preliminary SLAM mission planning system has now been incorporated into the Tactical Aircraft Mission Planning Systems (TAMPS) and is being evaluated at the Naval Weapons Center by its only resident

TAMPS system."

One of a small group of China Lake engineers responsible for developing SLAM system specifications, Fincher played a key role in integration of numerous off-the-shelf components, not designed to work together, into a system with a requirement for rapid fleet deployment.

His co-workers and his wife and daughter were present when Fincher was presented the award. He said he really appreciated the recognition, but noted all the members of the SLAM team deserved the award as much as he did for all the effort they have put into the program.

Some phone use changes set

Effective Dec. 1, all customers on the Randsburg Wash Switch and all customers with three digit extensions operating off the Public Works Switch will be able to access MCSS (Mechanized Credit Card Service). This means you can key in your credit card number on your touch tone set.

For example: you will dial 9-

and wait for the dial tone. Then dial 9 + 0 + the number you wish to call. A special tone will sound and you will key in your credit card number. Your call will be processed without operator intervention.

You must wait for the dial tone after dialing the first "9" to avoid incompleting calls and

wrong numbers.

You are still required to record each long distance call on NAVWPN Form 2060 or toll log for validation purposes (NAVW-PNCEN INSTRUCTION 2100.3a).

If you have any questions, contact the Telephone Services Branch, NWC extension 3451.

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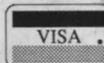
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OTHTC set for annual Turkey Trot fun race

Join the Over-the-Hill Track Club for their annual Turkey Trot on Thanksgiving Day. The race is about three miles, starting from the Cerro Coso Community College parking lot. Signups will begin at 9 a.m. with the race beginning at 10 a.m. Entry fee is just \$1.

Prizes will be awarded by a blind handicap drawing at the end of the race, so everyone has an equal chance to win. Prizes will come from local merchants and the "club closet".

What a perfect way to get ready for the big Thanksgiving feast! For more information, contact the race director, Mike Mumford, at 375-5876.

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'Ops' drops VX-5 for title

Gaining the finals with a resounding 25-13 win against VX-5, the Ops team in Naval Weapons

Center Intramural Softball captured first place in the season-ending playoffs this week.

In the game for first place, Ops defeated the Madhatters, but no final score was available at

press time. Ops was 11-1 going into the final play-off round and in first

Other teams in the league represented the Aircraft Department and Branch Medical Clinic.

Cage coaches, refs must attend December clinic

Coaches, assistant coaches and referees for Youth Basketball need to attend a meeting and free clinic on Sunday, Dec. 10. This mandatory clinic, organized by Rick Booth, will be

held from 12:30 to 4:30 p.m. at the Youth Center. Team shirts, rule books and game rosters will be passed out to all coaches at that time.

For more information on the meeting and the upcoming basketball season, call Booth at NWC ext. 7233 or Myriam at NWC ext. 2909.

Hall Lanes sets 'No Tap' bowling Friday evenings

Each Friday evening enjoy No Tap bowling at Hall Lanes. Separate prize funds for men and women. Prize pay off is 1 in 5.

Tickets for a side prize pot are \$.25 each or 5 for \$ 1. Entry fees are \$ 6 for entry, lineage \$ 3 and prize fund \$ 3. Come and join the fun

each Friday evening at 6 p.m. at Hall Memorial Lanes. For further information, NWC ext. 3471.

NOTICE

All offices of the Credit Union will be closed on Friday, November 24th. We will utilize the 4-day weekend to more effectively complete the conversion to our new VAX Computer System. The new computer will have six times the processing power of our present system.

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NWC youth soccer squads near end of fall season

Excellent conditions prevailed as the Naval Weapons Center's Youth Soccer League teams competed in the seventh week of the fall 1989 season. Highlighting tomorrow's play will be the clash between coaches and referees, set for Knox Field #2 at 2 p.m.

Division I
Cougars 2, Cobras 0
 Quinn Edwards and Robert Charlton scored for the Cougars, while Jacob Nazeck and Jonathan Bouns helped preserve the victory. Despite the loss, the Cobras got outstanding play from Kevin Kirkpatrick and Sheldon Plummer in goal, and aggressive offense from Brian Cassidy and David Luzinas.

Hurricanes 2, Eagles 0
 In an excellent exhibition, Brian Haugen accounted for both Hurricane goals. Coaches said it was a total team effort. Jesse Bass, Ryan Tullio and Ben Marvin were leading individual players for the Eagles in defeat.

Stallions 3, Coyotes 2
 Mike Geroux led his team to the win with all three goals. He got plenty of help from Curtis Haney, Jon Harris and Gerald Friend as teamwork provided the key to the Stallions win.

Sounders 4, Owls 1
 In this contest played at Schoefel Field, the Sounders got goals from Lance Satterwaite and Donald Beveridge win.

Division II
Strikers 1, Diplomats 0
 In what their coach called the most evenly matched game of the season, the Strikers used a lone goal by John Fath to edge the Diplomats. Marc Lofing and Clifton Whitehurst also played key parts in the win. Joshua Goodrich, Jamie Cook, Birk Roseman and Victor Jensen played well for the Diplomats.

Earthquake 2, Wolves 0
 Angel Avitia, Jeff Haack and Brian Riggs led the Wolves effort that fell short of victory. The winners got two goals from Barratt Edwards and outstanding play from Jason Tani, Phillip Krabbe and Galen Wilson.

Jets 3, Rockets 2
 Led by goals from Willie Eichenberg and Lawrence French, the Jets used strong play from Paul Haugen, Dennis Tankersly and Jason Hick to gain a team win. The Rockets were paced by Monique Robertson and Justin Weidenkops who scored and received help from Eddy Crawford, Andrew Sellen, Chris Long and Joshua Smith.

Bullets 2, Roughnecks 1
 The Bullets got both goals from Blake Harden and a strong team push led by Karen Behr, Charles Eodice, Todd Sowithenberg and Jose Tovar to gain a win. The Roughnecks picked up a goal from Ray Hyles and got strong goal play from Jason Persiani and Chris Gallo.

Whitecaps 4, Electrons 2
 Behind a three-goal performance from Chris Peters and a single score by Edith Kahler, the Whitecaps were victors again. Derek Kash on defense and Rodney Snodgrass on offense also were important parts of the win.

Division III
Lancers 3, Furies 0
 Despite playing with only nine players, the Furies gave the Lancers a good battle. Randy Marin and Mark Kuz led the effort for the defeated squad. Stacy Scheffler, Kyle Gentry and Nathan Turner accounted for the scoring and the win by the Lancers.

Mustangs 7, Stings 3

Glen Conrad got four goals, Josh Crawford two and they shared credit for another tally in leading the Mustang win. Heather Staub added the other point in the victory. Josh Behr was the Stings top player in the game while Mitchell Tims scored twice and Kurt Katzenstein added one.

Soccers 2, Goalbusters 0
 While Patrick Ross and Jonathan Mickelson did the scoring, the Soccers got excellent team play from Stephanie French, Michael Ross and Halla Christman as they picked up the win.

Division IV
Yellow 11, Blue 3
 In a high scoring contest, the Yellow squad dominated play. Mike Terry was on a tear, notching six goals and two assists, while Elliott Bordon added three goals and an assist. Other scores came from Will Squire and Roddy DeLos Ryes. The Blue team got two goals from Greg Solem and Greg Greedy added a single goal and provided assists on both scores by Solem.

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China Lakers view ASETS aerial platform

Nearly 100 China Lakers toured a modified U.S. Air Force C-130 Hercules recently to see the Airborne Seeker Evaluation Test System (ASETS). This system was created by the Air Force as an airborne platform for developmental test and evaluation of air-to-ground seekers and sen-

sors. Valerie Rogers of Code 3573 invited the 3246th Test Wing at Eglin AFB, Fla., to bring the ASETS aircraft to China Lake for a short visit. This system includes more than 10,000 pounds of modification to the C-130 to create a retractable turret, extending about

50 inches below the belly of the aircraft while in flight. There is room for three test items to be mounted in the turret and wired to three computer monitoring and recording stations in the aircraft. George Comprun of the 3246th Test Wing noted there is plenty of room inside the aircraft

for developers to mount specialized recording or test monitoring hardware. He added ASETS had been fully operational for less than a year, but had already flown numerous missions in support of air-to-ground weaponry development. While the primary function is air-to-ground, Comprun added

it had an air-to-air capability limited by the presence of the aircraft fuselage above the turret. The ASETS aircraft is capable of flying missions at up to 20,000 feet and at speeds from about 100 to 250 knots. Uses are in evaluating seekers and sensors, terrain mapping and target measurement.

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Bill Shaner sees office for security assistance

As the new head of the Operations and Telecommunications Security Group in the Safety and Security Department, Bill Shaner would like to see the office gain a reputation for being a helpful and friendly source of information and assistance to Center employees.

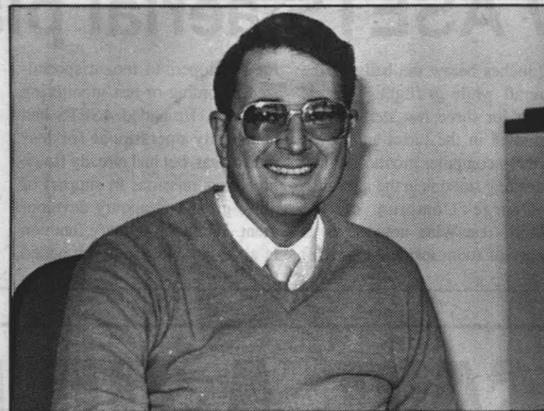
The office coordinates security for all computers, networks, communications, emanating electromagnetic sources, and encryption devices used on the Center. The operations security aspect deals with the unintentional release of information to potential adversaries through routine practices during day-to-day operations.

Along with eight staff members in the office, a network of departmental points of contact makes it possible for Shaner and the Center to maintain security in this dynamic field.

According to Shaner, "The twofold purpose of our group is 1) to provide service to the Center through our network of volunteers, and 2) to assure the Center Commander that security affairs are being handled in the proper manner." Most of the staff are directly responsible to the commander in their functional areas.

Shaner sees his job as providing routine administration and coordination necessary to keep the wheels turning. He also is available for consultation with Center employees over the phone or in person to assist in acquiring and installing telecommunication security equipment, and training personnel in its operation.

Twenty-two years at China Lake have given Shaner close ties to the Center. A 1983 NWC fellowship at the Naval Post Graduate School in Monterey, Calif. earned him a master's degree in information systems. In his new post, Shaner hopes to combine that experience and education. He can be reached for consultation at NWC ext. 2079, or in Room 1 of the Safety and Security Building.



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HELPING HANDS--As the area Toys for Tots drive begins, Simon Wan (left) Lorie MacGregor, Kati Robertson and Ian Lelis join Sgt. Mark Davis and Sgt. David Robinson of the MAD in getting collection boxes ready

Toy drive gains aid of MAD

This week the local Toys for Tots drive got underway as collection boxes were taken to area elementary schools to be decorated. Vieweg Elementary School students Simon Wan, Lorie MacGregor, Ian Lelis and Kati Robertson demonstrated their creative talents for Sgt. Mark Davis and Sgt. David Robinson of the China Lake Marine Aviation Detachment (MAD). The Marines support the annual toy drive which is sponsored by the Women's Center under the Holiday Food Basket Program.

On Nov. 22 the fifth and sixth grade decorators from Groves, Pierce and Vieweg Schools will be rewarded with refreshments, and the collection boxes will be delivered by the Marines to locations in Ridgecrest and China Lake.

Collection boxes will be placed at Contel, Bank of America, Daily Independent, Rocketeer, News Review, Benchmark Cable TV, Michelson Lab main entrance and north entrance, NWC Administration Building lobby, and the Code 311 Division Office (NAF80 at the airfield).

CLPD sets up radar

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. Swigum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic

enforcement for next week are listed below.

- Monday -- CLPL Road
- Tuesday -- Blandy Road
- Wednesday -- Inyokern Road
- Thursday -- Richmond Road
- Friday -- Knox Road

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

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The automatic transmission, maligned in its infancy as troublesome and inefficient, has become an engineering masterpiece. Complicated as it is, it demands less attention and maintenance than most of the vehicle's various components. With proper care, it could last the life of the vehicle.

When transmission trouble does erupt, however, the owner should be careful about selecting a repair facility.

OASIS TRANSMISSION offers a few suggestions:

1. Be leery of the shop that advertises cut rate specials on repairs. You get what you pay for.
2. Seek out the shop that others have recommended. your friend or neighbor's good experience can be your best guide, as can the advice of your regular mechanic.
3. What are the shop's trade affiliations? Does it post a "code of ethics"? Look for diplomas indicating technical training or certificates from industry associations or training/certification programs. Don't be afraid to ask for credentials if they're not displayed.
4. When in doubt about a particular shop, check with your Better Business Bureau. however, remember that the fact that BBB does not file a negative report on a shop is no guarantee that it has an unblemished record. The bureau can record only the businesses that have been reported and found to have questionable business practices. On the other side of the coin, a "thumbs down" report may warrant further checking before rejecting that particular shop.
5. Understand your warranty. is it limited to the local shop or is it national? Some shops offer several different lengths of warranty period, with graduated price tags as well.

Also, weigh the cost/benefit factors of an extended service contract.

For further information on the care of your car's transmission and drive line components, send 25¢ and a stamped, self-addressed envelope to Drive Train c/o Car Care Council, 600 Renaissance Center, Detroit, Michigan 48243.

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