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Jan. 24, 1991

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Weather
Report

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TPS reunion slated for April 27 start

Patuxent River -- The 43rd annual reunion and symposium of the U.S. Naval Test Pilot School will be held on April 27 in the Cedar Point Officers' Club, NATC Patuxent River.

Cdr. T.J. Bernsen, TPS director, hosts the event. Lt. M.G. Feuerstein is coordinator.

To receive invitations, TPS alumni, who haven't recently been in contact with the school, are asked to send their current mailing addresses to: Reunion Coordinator, U.S. Naval Test Pilot School, Naval Air Test Center, Patuxent River, MD 20670-5409 or contact the alumni clerk at (301) 863-4107 or AUTOVON 356-4107.

Former pioneer physicist dies

Physicist Carl D. Anderson, who was closely associated with Charles Lauritsen at Cal-Tech during the World War II beginnings of the Naval Ordnance Test Station (NOTS), Inyokern, died at the age of 85 earlier this month.

Anderson's contributions to solid-propellant rocket research and NOTS are detailed in the first two volumes of *The History of the Naval Weapons Center*. This work included focusing on how to successfully fire rockets from aircraft and installation of the first aircraft rockets on allied military planes during the war.

Following the war he continued his association with Cal-Tech and particle research efforts. Anderson was a Nobel Prize winner in 1936 for his discovery of a form of antimatter called the positron; he was just 31 years old when he made this physics breakthrough.

NWC Rockefeller

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 3, January 24, 1991

TD Award caps accomplishments

Norma J. Miller retires from Center with honors for ability to solve complex technical issues

Hard work and the ability to solve complex technical issues helped earn the Naval Weapons Center's Technical Director's Award for Norma J. Miller of the Aircraft Weapons Integration Department (Code 31). The award was presented to Ms. Miller at her recent retirement banquet by Rich Bruckman, representing Bill Porter, NWC's Technical Director.

In a letter nominating Ms. Miller for the honor, Ed Kutchna, head of Code 31, said the award was "in recognition of her outstanding contributions to radar avionics that have made her an invaluable asset to the Navy and NWC."

Kutchna added, "she is continuously sought after for development and review of radar acquisition specifications, having brought to that field her extensive knowledge of software development, systems engineering

and systems integration practices."

The letter of commendation from Porter to accompany the award read in part, "You have earned the respect of your peers both on and off-Center for your sustained level of excellence and leadership. . . . In addition to your outstanding technical competence, your talents as a supervisor are outstanding. You have consistently attracted gifted individuals to the Center and have nurtured them into nationally-recognized scientists and engineers."

For nearly 15 years, Ms. Miller has been a major contributor to a wide variety of Navy programs. This has included involvement with requirements and demonstration/validation phases of the Naval Advance Tactical Fighter Program, participation in the national committee to form a standard for the Ada Development Environments, instructing an NWC-

sponsored class in the Ada language, providing technical support to development of the mission computer and radar systems on the A-6F project, formation of the AH-1 Systems Engineering Group and contributions to successful development of the A-6E display capabilities and facilities.

In addition to her technical and supervisory expertise, she has been very active with contributions to the EEO program on-Center. In 1988 Ms. Miller was named EEO Supervisor of the Year. In his nomination letter, Kutchna noted she, "has been an EEO counselor for a number of years. . . . an active recruiter and proponent of the junior professional development program."

The award was presented at the NWC Seafarer Club with many of her friends and co-workers looking on.

CNO's message to Navy people

Once again, our Navy is responding to our Commander in Chief's call to arms. The American sailor's courage and bravery are a cherished part of our nation's honor and heritage. I am certain this generation of young Americans serving in our Navy will add their chapter to this distinguished history.

In our democracy, there are, and always have been, some who oppose our country's going to war, but all are in full support of those serving in the Armed Forces. As the President and Congress have stated, you will be provided what-

ever is needed to get the job done.

To those of you in harms way, be certain you have the full support and resources of all of us in the Navy. We admire and respect your courage and dedication to your duty and to your country. Our prayers for your safety and strength of courage go with you. We are dedicated to take care of your loved ones. Get the job done so we can get you home.

Let none of us rest until peace and stability are restored.

By Adm. Frank B. Kelso II, CNO



TD AWARD--Norma J. Miller accepts the Naval Weapons Center Technical Director's Award from Rich Bruckman, representing Bill Porter, NWC Technical Director. The surprise honor was presented at Miller's retirement banquet. The award was given in recognition of her outstanding technical and supervisory contributions.

SHPE chapter promotes sciences

Thanks to a grant from the national organization, the China Lake Chapter, Society of Hispanic Professional Engineers will begin an Advancing Careers in Engineering (ACE) program at area high schools.

As a result of a proposal prepared by the chapter's own ACE committee, the national SHPE organization provided the grant to pay for several visits each school year by Naval Weapons Center scientists and

engineers in area high schools to encourage students to pursue engineering and science careers. Special sessions at the schools will expose students to the nature of engineering and scientific work and discuss benefits to earning a technical college degree.

In addition to NWC visits to high schools, the China Lake's chapter proposal called for special visits to NWC by interested students to see (Continued on Page 6)

Commentary

NWC Rocketeer

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QUESTION

I would like to know why the China Lake operator cannot answer the telephone within an acceptable 3-4 rings. The other day, I called the operator and it rang 20 times before someone answered. Could you look into this? Thank you.

ANSWER

Thank you for your question concerning switchboard operator response. We recognize that the switchboard might ring many times before being answered which can cause callers to be frustrated. There are many reasons why this might happen. The switchboard is manned by only one operator who handles about 8,000 calls a month, about 30 percent of the incoming callers are seeking information, which takes time to pinpoint; and 40 percent of them ask the operator to dial the number she has located for them. In addition, the operator must assist with priority AUTOVON calls. These calls take precedence over routine calls and, often, it is not possible to place these callers on hold to answer new calls of lesser priority. All of this takes time, if a caller is to get complete information and service.

Pages from the Past



Jan. 25, 1985

Six China Lakers were presented Michelson Laboratory Award. Bill Lamb, Tom Seufert, Jim Bowen, Karen Altieri, Ralph Beyer and Jim Knepschild were the 1985 recipients. . . An estimated 140 persons attended the VHSIC workshop sponsored by the Fuze and Sensor Department. . . A.J. (Jim) Rice received the Navy Meritorious Civilian Service Award as he retired after 30 years at NWC. . . Energy conservation brought a \$37,000 rebate to NWC from SC Edison.

Jan. 25, 1980

AK1 John Enriquez was named the Bluejacket of the Year by the Indian Wells Valley Council of the Navy League. . . An estimated 200 employees seemed evenly divided in their comments about the proposed Civil Service Reform Act Demonstration Project. . . Capt. W. B. Haff, NWC Commander, presented Tilly Barling with the Navy Natural Resources Conservation Award on behalf of Adm. T. B. Hayward, CNO.

Jan. 22, 1965

Clarence J. Renne, head of the

Propulsion Development Department's Engineering Division, was named to head up the annual Federal Joint Crusade campaign. . . Members of the local Navy Relief Society celebrated the organization 61st anniversary, Chaplain R.W. Odell is the executive secretary. . . "Pop" Lofinck's weekly column was on the hazards of tarantulas and scorpions. . . VX-5 CO, Cdr. Jack M. Manherz conducted a rare triple re-enlistment for sailors in the squadron.

Jan. 25, 1950

NOTS Commander, Capt. W. V. R. Vieweg, did ribbon-cutting honors for the Station's new barbershop. . . The Rocketeer moved into the basement of the Administration Building, the sixth move for the paper since NOTS was founded. . . Seven officers of Volunteer Reserve Ordnance Unit 11-1, China Lake were guests for a one-day orientation cruise on the USS Cusk (SS-348). . . Beau, Paul Flahive's black cocker, took first place in the obedience class at trail sponsored by the Kennel Club.

I understand your frustration, but want to assure you this situation will get better. We are continually looking at ways we can improve operator response time. For instance, there is a possibility of getting extra coverage during predictable peak hours, such as 0730 to 0930. Also, we are working toward a way that the operator can use the computerized telephone directory, rather than shuffling through sheets of paper. Most significantly, the Center is currently installing a modern digital voice/data system called the Center Telecommunications System (CTS). The CTS will replace the entire telephone system on-center, including the old switchboards which the operators use. Under CTS, the operator will not only have modern equipment, making call processing faster, but will also have computerized directory information, making it quicker and easier for her to look up information. Under CTS, we are also exploring the possibility of voice messaging capabilities to route some of the routine calls and questions, such as, "what is the number for Public Works or the Technical Library?"

In the meantime, please let the telephone ring until the operator can answer. If she does not answer quickly, it is because she is helping a caller. If you seem to consistently have a problem, contact Telephone Services at NWC ext. 3451. Their personnel will do everything they can to help solve the problem or provide information.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only one or two questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

China Lake Calendar

Jan. 30-31

. . . Wellness Program's "Safescreen" mobile mammography unit, parking lot west of Training Center, 10 a.m. to 4:30 p.m.

Jan. 30

. . . SIGADA Forum, 3:30 p.m., in Room 201 of the NWC Training Center.

Feb. 6

. . . Basic Drug Education (Dope is for Dopes) presentation by KCSO, 1 p.m., Room 1000D Michelson Lab.

Coming Events

March 23-24, Blue Angels Air Show, Armitage Field.

June 4-8, American Heritage Week Celebration

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

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

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Ads up to 20 lines.....	\$10.00
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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

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1 PERSONALS

GUITAR LESSONS - Study with GIT Grad and Instructor. Beginners to advanced. 446-6646 Ext. 591.

20 RENTALS

1 BDRM., 1 BATH
Walk in closet/refrigerator
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CUSTOM HOUSE, Close to base, room for rent. 446-4640 or 1-690-5161.

FEMALE ROOMMATE NEEDED: share 3BR, 2BA house near Heritage. \$275/mo. + 1/2 utils. Would like JP's/other professionals. Call 371-1630 days, 446-1327 eves.

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

30 SERVICES

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

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35 AUTOMOTIVE

'77 Volkswagen Camptmobile. Good condition - \$2,375. 371-3375.

'78 Ford LTD Station Wagon - needs attention. \$600/OBO. 371-3375.

35 AUTOMOTIVE

1987 FORD TAURUS LX - LOADED, low miles. \$9,000 OBO. Call 371-1630 days, 446-1327 eves.

CAMPER SHELL & CARPET KIT with custom radio and boot. Fits '79 to '86 Dodge D50 Pickups. \$300. 446-7595.

40 MISC. FOR SALE

FOR SALE - Double stroller, excellent condition - \$60. Call 446-4432.

MARY KAY Consultant Kit - Only used a few times. Great for extra demo tubes or mirrors. \$50/OBO. 446-6239.

NACO/TT Membership. Great for people who love to camp and travel. All we ask is that you take over payments. 446-6239.

50 PETS/SUPPLIES

BLUE RIBBON GROOMING. Professional and Self-Service Pet Care Center. 375-5048.

55 REAL ESTATE

1500 sq. ft. AMERICANA HOME RESALE - 3BR, 2BA, for sale or lease. 346 E. Wilson. Corner lot, fenced, 2-car garage, patio, rear workshop, fireplace. 619-446-4382.

3/4 ACRE WITH MOBILE HOME set up. Natural gas available, city water. \$18,000; \$6,050 down, bal. at 11% for 3 years. 375-1439.



Buckle Up Bundle Up

55 REAL ESTATE

HERITAGE VILLAGE - 2BR, 2BA, 1350 sq. ft. home. Beautifully landscaped yard, deck, and fireplace. Pool, spa, tennis courts. \$95,000. 446-6352.

CHINA LAKE G-Range

POLAR is intending to bid on the upcoming G-Range Operations and Maintenance Contract. Seeking individuals with current G-Range experience for employment. Senior supervisory and COMSEC personnel, now is your opportunity for job advancement. Submit resume in confidence ASAP to:

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Ridgcrest, CA 93555
446-6551

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(Continued from Page 11)

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3	14.70	15.31	15.92	16.53	17.15
4	15.16	15.81	16.43	17.08	17.70
5	15.64	16.29	16.93	17.59	18.24
6	16.06	16.74	17.43	18.09	18.76
7	16.54	17.21	17.91	18.60	19.30
8	16.98	17.68	18.39	19.11	19.82
9	17.41	18.14	18.89	19.59	20.32
10	17.97	18.72	19.49	20.22	20.98
11	18.68	19.47	20.23	21.01	21.79

\$

\$

\$

\$

CLOTA sets banquet

Now is the time...to dust off your tux and gown and get your tickets for the Community Light Opera & Theatre Association's (CLOTA) Annual Awards Banquet on Saturday, Jan. 26 at the Carriage Inn. Just after the start of each year the CLOTA organization gets together to celebrate its efforts and accomplishments over the past year, and to recap the successes and struggles of doing community theatre. In long-standing CLOTA tradition, this is a very dressy, gala event which always promises fun and excitement.

Awards will be presented for artistic achievement and technical merit in the 1990 shows. Categories in which awards may be given include set design, technical direction, lighting design and direction, costuming, performances in lead and supporting roles, vocal and orchestral direction, choreography and overall production and direction.

Just to refresh your memory, the 1990 shows, which are eligible for awards in the above categories, include:

- *The Bungling Ballerinas*, an original musical written and directed by Bill Blanc.
- *Brighton Beach Memoirs*, a Neil Simon comedy directed by Reno Venturi.
- *Amadeus*, well known drama directed by Ken Austerman.

• *Sweeney Todd, The Demon Barber of Fleet Street*, a musical thriller directed by Karen Buehler.

The evening begins with a no-host cocktail hour at 6 p.m. Dinner begins at 7 p.m., and the awards program follows. Tickets are on sale now at: The Art Buffet, The Booklet, The Carriage Inn, Farris' Italian Gardens, Farris' at the Heritage, Richer's Digital Audio, and Ridgecrest Cleaners. The \$20.00 per person price for this year's banquet includes a three-entree buffet (steamboat round, chicken and fish).

And remember: Tux, tails, and gowns are always welcome at this very special once a year event.

Sort-of-special books

Almost always in stock:
Common Sense Approach to the Theory of Error Correcting Codes
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Resource Allocation Problems
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Mathematica for the Sciences

Computing Technology
Computer Store
251 Balsam St. 375-5744



Cerro Coso Community College holds art lecture

On Friday, Feb. 1, the public is invited to here Patric Mohr present *Modernism: Divergent Paths to the Present*. This Cerro Coso Community College Arts Action sponsored event, in conjunction with the Associated Students, will take place at 7 p.m. in the Cerro Coso Lecture Center. Currently instructing art history at the Otis Art Institute of the Parsons School of Design in Log Angeles, Mohr intends to discuss the diversity of modernism, the

rise of industrialization in the West, its impact on the avant-garde and the struggle to develop greater meaning in art by focusing attention on viewpoints rooted in the language of social, political and ideological innovation.

On Saturday, Feb. 2, Mohr will continue his subject in a less formal seminar in the Cerro Coso Two Dimension Lab, Room 170, at 10 a.m. The seminar will address the subject of contemporary art in the United States from 1945 and the New York School up to the 1980s. Both the lecture and seminar are free of charge.

For further information, call 375-5001.

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Military News

NWC ordnanceman handles it all

It isn't always easy being a young Petty Officer in the Navy with responsibilities which often require the strong shoulders of Atlas to carry them out. But Aviation Ordnanceman First Class Patrick A. Dorman is quite familiar with what it takes to meet the rigorous demands of the Navy. The Aircraft Department's Ordnance Shop supervisor's endeavors were recently recognized by the Naval Weapons Center's Command when he received his first Navy Achievement Medal.

The service is one of the few work places where a person's abilities to perform their duties far outweighs their age or length of time on the job when it comes to being placed in positions of responsibility. Many young military personnel, like Dorman, find themselves responsible for millions of dollars in equipment and aircraft.

"Knowing the job we do benefits the fleet guys makes it worth it."

As a supervisor for 23 personnel who handle ordnance loading evolutions, Dorman was commended for his "contributions to the overall success of the

Sidewinder Models "R" and "L" (I) air intercept missile firings conducted on July 24, 25, 31 and Aug. 17, 24, 1990" stated the citation letter.

Preparation for the missile shoots required numerous flights with training missiles prior to the actual live firings. Dorman personally ensured all missile exercise aircraft were appropriately armed/dearmed; was responsible for the safe loading/handling and expenditure of over 25 tons of ordnance (live and inert); coordinated and trained loading crews, who provided zero safety related incidents during all missile loading/handling evolutions; and through liaison duties with the Maintenance Control Office, weapons delivery personnel, and the Sidewinder Project Office, ensured all missile exercise requirements were met.

"Overall, it's a non-stop, demanding job," commented Dorman, "but, knowing the job we do benefits the fleet guys makes it worth it. We ensure systems are combat ready before they go to the fleet!" And this sailor knows what fleet life is all about. He chose to spend the last 15 years onboard ship and China Lake is his first shore duty station. Previously stationed at NAS Whidbey Island, Wash., the ord-

nanceman finds the desert quite a change. "The desert grows on

you, it has its own mystique, but I miss the fishing in Whidbey!"

exclaimed Dorman.

The sailor takes great pride in receiving recognition from his parent command. The ordnanceman commented, "I'm ecstatic. It feels good to have the people you work with recognize your efforts!"

"If you're not flexible, you'll never survive!"

Dorman has spent his years in the Navy learning all about weapons systems on different aircraft. He has attended four Fleet Replacement Aviation Maintenance Personnel (FRAMP) schools for the A-7, P-3, A-6 and F/A-18 aircraft. The petty officer feels his ability to stay flexible is his biggest asset when it comes to working in the ordnance field. "There are constant changes in my area, whether its the working areas, conditions, or changes in loading evolutions and if you're not flexible, you'll never survive," remarked Dorman.

The career sailor plans to return to sea duty after his tour at NWC. His wife, Janice, son, Matthew (11), and daughter, Kelly (8) completely support his decision to make the Navy his career.



DORMAN HONORED FOR DISTINGUISHED SERVICE -- Center Commander, Capt. Douglas W. Cook, pins the Navy Achievement Medal on AO1 Patrick A. Dorman of the Aircraft Department's Ordnance Shop, Code 61213. The young sailor received recognition for his unsurpassed leadership, initiative, and managerial performance. Joining Dorman in the award presentation is his wife, Janice. Photo by PH3 Cary Brady

A FAMILY AFFAIR -- HM1 Victor Mireles, Branch Medical Clinic, cuts into a giant cake celebrating another four years in the Navy. His wife, Sylvia, holding newborn Jullian, daughter, Melanie and sons, Victor and Jacob, join in the festivities. LCdr. Maureen Kusnierek, senior nurse, re-enlisted the medical corpsman. Photo by PH3 Cary Brady



Coupons save you money

Did you get your share of the \$15,507,705 coupon savings at your Navy Commissary? That's right! Navy Commissary customers redeemed more than 39,000,000 coupons in 1989. This means, on average, every customer received an additional \$3 savings monthly on top of the more than 30% savings available at your commissary on a day-to-day basis. All-told, the savings can provide an extra "free" shopping trip yearly.

When you use coupons, your Navy commissary also benefits in that manufacturers pay a handling fee. This money is used to help maintain current store hours, in spite of budget cuts.

Your Navy commissary encourages coupon usage by sponsoring four coupon promotions yearly, in addition to the coupon flyers that are provided almost monthly.

Coupons provide savings for the commissary customer and supplementary funding for store operations. We ask you to use coupons when you shop. They help everyone!

Thank you,
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There is the story of the young Army officer in World War I who graduated as a second lieutenant a year ahead of time because officers were needed desperately. This young man, who had barely begun to shave and looked even younger than his age, was assigned to command a platoon of seasoned infantry veterans. It was still dark the first morning he fell out with his new command. He called the platoon to attention and, immediately, a voice from the rear ranks rang out with a passage from the book of Isaiah: "And a little child shall lead them."

"The man who said that take one pace forward," the lieutenant commanded. Whereupon the entire platoon took one pace forward. "As you were," said the young officer. The men took one pace back and things returned to normal.

That evening, as was the custom, members of the platoon checked the company bulletin board to learn what they were to do the next day. The following notice appeared, signed by their young commander: "Members of the Third Platoon of Company 'A' will fall out tomorrow morning in full field equipment for a 35-mile hike. And a little child shall lead them, riding on a darn big horse. Follow me!"

"Follow Me," Jesus bids us. Follow Me into the Kingdom of God. Follow Me and place yourself, without reservation, under the Kingdom and Rule of the Father. Follow Me and you will see how everything your family and friends and teachers and colleagues have done for you through the years, everything that has happened in your life, comes together in this glorious right time. The Kingdom of God is now! Now is the time to get it all together under God's Rule -- your physical and your emotional well-being; your relationships; your job; your concern about the world. It is all there ready to take on new meaning in your life because God rules over you now. This is what makes life exciting and beautiful and good.

"Follow Me." Jesus stands beside us, arms outstretched and ready to receive us, always. Give Him your hand. Follow Him into God's Kingdom of unspeakable Love!

By Lt. Gerald L. Goodman, CHC, USNR

Center completing new facility for enlisted troops



LOOK FOR NEW RECREATIONAL FACILITY -- A new recreation facility for enlisted troops and their guests is near completion. The facility is located on the north side of the Seafarer Club. It will house a game room, a lounge, (with a 42-inch screened television) and a study room. According to Billeting Officer, Ens. Brian Abel, the new building should be finished in another month. Photo by Cary Brady

ALL SMILES -- AE1 John F. Margis of the Aircraft Support Division's Avionics Branch, Code 61212, happily accepts his four year re-enlistment certificate. Re-enlisting officer, Lt Jeffrey Thomas, aviation division officer, extends Margis his congratulations.

Photo by PH3 Cary Brady



Navy opens scholarship program

Spouses and other family members of active duty military personnel who've graduated from high school within the past four years are eligible to compete for twenty-five \$1000 scholarships, USO officials said. The application deadline is March 1, 1991, for the second annual Budwiser/United Services Organization college scholarship program. Judging criteria include scholastic records, test scores and extracurricular activities. Winners will be announced in May.

"It has again become apparent through the Persian Gulf crisis, military families endure special hardships which deserve attention and support," said Chapman Cos, World USO president. "The scholarships are intended to recognize the extra efforts the young people of these families make as upstanding citizens in their communities."

USO administers the program, made possible by an endowment for Anheuser-Busch Inc. For applications and full details, write to: **USO World Headquarters, Scholarship Program, 601 Indiana Ave., NW, Washington, D.C., 20004**



Attention all military wives! A support group will meet at 7 p.m. every Friday. Please attend!

Divine Services

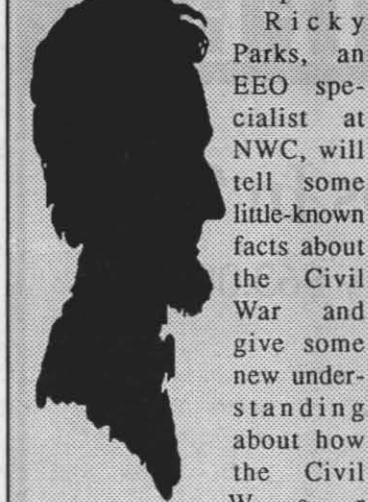
Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1006 Blandy)	12 (noon)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	
Jewish	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandy)	3:00-5:00 p.m.
Religious Education (Sunday at 1004 Blandy)	9:00 a.m.-12 noon
Chaplain S. A. Casimano, LCDR, CHC, USNR	
Chaplain G. L. Goodman, LT, CHC, USNR	
Andy Busch, Student Rabbi	
Hearing Impaired Equipment, Nursery Available	
Phone NWC ext. 3506, 2773, 2873	

Community Events

Maturango Museum to hold Civil War lecture

This Saturday, Jan. 26, the Maturango Museum will present a special Saturday Adventure relating to Black History Month.

At 2 p.m.,



changed battle strategy forever. The public is invited to attend.

WACOM presents one-woman show

Abigail Adams will come to life in a portrayal by Judith Helton of Americana Unlimited during WACOM's luncheon meeting set for Tuesday, Feb. 12.

A social hour will begin at 11 a.m., followed by the luncheon meeting and program, in which Helton will perform her one-woman show *Abigail Adams: Revolutionary Woman*.

The wife of one president and the mother of another, Abigail Adams is regarded as a pioneer in the field of women's rights. She was one of the first First Ladies to assume a prominent role in formulating national policy and opinion.

Since 1976, Helton has appeared before various clubs, schools and organizations with her one-woman show which she put together based on the life and writings of Abigail Adams. The audience will meet Mrs. Adams in 1789, when her husband is called to serve as vice-president of the new nation. She tells of the great people and events of the Revolution, keying in on the role



Judith Helton as Abigail Adams

of women in the birth of America.

Don't miss this exciting program. Reservations are required and may be made by calling 375-9600.

PIONEER OF WOMEN'S RIGHTS -- Judith Helton portrays Abigail Adams in her one-woman show during WACOM's luncheon meeting set for Feb. 12. The costumes used are made by Helton and are reproductions of actual clothing from the 18th century now in the Los Angeles Co. Museum of Art, Dept. of Textiles and Costumes.

Community Events

Two 55/Alive Mature Driving Classes are set for the latter part of January. One will be held on today and Jan. 25, from 10 a.m. to 3 p.m. with an hour off for lunch. The second class will be held on Jan. 25 and 26, from 6-10 p.m. Both classes will be held at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd. To enroll, make a check to American Association of Retired Persons and mail to coordinator Bill Davis, 235 Apache Lane, Ridgecrest.

Pastel artist Budd Sherrick will be the guest speaker at the next meeting of the Desert Art League. The event, which will be held on Jan. 28 at 125 S. Warner, will start with a short business session at 7:30 p.m., followed by the program at 8 p.m. Sherrick's paintings are shown

in the Southwest Art Magazine and major art galleries throughout California and Arizona. The program is open to the public. For more information, call Donnie Woods at 375-7243 in the evening.

Don't miss *Big Band Express* playing at the Green and White Ball on Jan. 26, from 8-11 p.m. at the NWC Seafarer Club. The Burroughs High School Band Boosters and the Swingtime Dance Club are sponsoring the event. Dinner will begin at 6:30 p.m. For reservations, call Jim McLane at 446-2571 or Monica Ricker at 446-7126.

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Variety of self-study classes available at NWC

(Continued on Page 20)

checked out by calling NWC ext. 2451.

Enrollment Form: None.

Computer Security Awareness Self-Study: Training Center (5 hours)

Scope: This is an NWC computer security awareness video which highlights threats, vulnerabilities, and counter-measures affecting computer systems.

Presentation Method: VHS video.

Note: To view video call NWC ext. 2451

The Hidden Customer

Self-Study: Training Center (1 hour)

Scope: Internal Customer Service, serving the people we work with...doing everything we can to help them do their job well...is critical for any organization's success. Too frequently, we think of customer service as an external activity-something that occurs outside the organization. We think of it as something we must do to keep external customers happy. But internal customer service is equally important. Treating each other like we treat our external customer is what internal customer service is all about.

This video has four purposes: first, to introduce you to the concept of internal customer service and emphasize some of its benefits; second, to help you learn to give your internal "customers" the best service possible; third, to illustrate how internal customer service and external customer service are tied together; and finally, to make you more aware of how your job impacts on the service your organization is able to offer its external customers.

Note: Leader/Participant material is available for anyone who chooses to build a class around this video.

Presentation Method: VHS video

First Annual Secretaries Briefing

Self-Study: Training Center (2 hours)

Intended Audience: Clerical/Secretarial/Administrative

Scope: This taped satellite program was filmed by American Management Association on 27 March 1988 during National Secretary's Week. Topics covered include: The changing role of the secretary/administrative assistant, shedding the secretarial stereotype, gaining recognition, bridging the manager/secretary gap, and meeting the challenge of an

automated workplace.

Presentation Method: VHS video

Electronic Test Equipment (#EE3105-A, Cost 69.95, 75 hours). Become more efficient with bench and field equipment. Learn to take measurements, using digital and analog meters, voltmeters, ammeters, ohmmeters and oscilloscopes. Beyond the basics, you'll study in depth the oscilloscope, oscilloscope circuits, the cathode ray tube and concepts such as sensitivity, delayed sweep and dual trace. You'll also gain a solid understanding of the curve tracer, basic spectrum analyzer, logic tester, digital logic probe, transistor tester, audio generator, RF generator and function generator. You will also learn to recognize sources of error in impedance matching pads. You'll also check output frequency and amplitude calibration of a signal generator and the bandwidth, vertical gain and time base calibration of your oscilloscope.

Note: Enrollment Form: DD 1556 through proper department channels..

Fiber Optics (E4201, Code \$99.95, 45 hours). Study on this course begins with the nature of light and principles of the transmission medium, then goes on to explore fiber optic transmission light, and laser emissions and principles associated with the injection laser diode used in fiber optic circuits. Upon completion, you will be thoroughly familiar with the electromagnetic spectrum. You will understand fiber optic interconnection devices and be able to compare them in cost

and performance. Hands on experiments let you construct a modulated source driver-circuit, a fiber optics receiver circuit and an actual operational fiber optic link. You'll closely examine the requirements of the various types of links and learn which components best fulfill certain requirements. It is recommended that student completes DC Electronics and AC Electronics or have equivalent knowledge before taking Fiber Optics.

Note: Enrollment Form: DD 1556 through proper department channels..

C Programming (EC1124, \$99.95, 45 hours). In this course, written for the novice programmer, you'll become familiar with the powerful language of C, its structure and statements. The course concentrates primarily on C's structure and syntax, leaving system programming theory to more advanced courses. More intricate in syntax and capabilities than languages such as Basic, Fortran, Cobol and Pascal. C is quickly becoming the preferred language of computer scientists, electrical engineers and others who work closely with computer operating systems such as MS-DOS, UNIX/Xenix and OS/2. In addition, less technically oriented programmers will enjoy C's free yet concise style. Included with the course is Ecosoft's C compiler and Editor software. To use the software, you'll need a Heat/h/Zenith or IBM compatible with at least 384 kilobytes of RAM (a hard disk drive is recommended though not required), a copy of PC-or MS-DOOS version 2.0 or later and at least one 5.25 floppy

disk drive

Note: Enrollment Form DD1556 through proper department channels.

VIS/able Software Instruction For Enable

Self-Study (8 hours)

Prerequisite: IBM-PC or Zenith 248 operating skills

Intended Audience: Enable software users

Scope: Effectively use the Enable Integrated Software package on an IBM-PC compatible computer system to do word processing, Spreadsheets and graphics, Database management and telecommunications.

Module 1 - Enable Word Processor -- Create a text document, revise it, move, copy and delete text, use the spelling check option, use find/replace, use print, form/page options, install Enable.

Module 2 - Enable Spreadsheet & Graphics -- Create a spreadsheet, revise it, use global commands, use range commands, copy parts and wholes, move sections of the spreadsheet, use titles and protection features, delete and insert rows and columns, use named ranges, control the method of recalculation, create bar graphs and pie charts.

Module 3 - Enable Database Management System -- Create a database, add records, display records, use the where clause and the compound where clause, perform data editing, replace, delete, undelete, destroy and copy records using wildcards, plan a report using sorted data, use

columnar reports with multiple summary codes, print your report using the print options, use data input form screens.

Module 4 - Enable Integration and Telecommunications -- Use the Default Profile, Copy files and transfer data between spreadsheet, word processor, graphics and the database systems, create a standard set-up, use macros in the word processor and spreadsheet.

Presentation Method: Video tape Hands-on

Note: Requires system with Enable software, includes installation instructions

Introduction to C Language

Self-Study: Training Center (8 hours)

Prerequisite: Fundamental computer skills: create a file, use the text editor

Intended Audience: Non-technical users who want introduction to programming in C.

Scope: Use the basic concepts of the C language and programming "buzz words", create simple programs in C, create a file, compile and execute it, use standard programming conventions, data storage, arithmetic and logical operators, conditional operators, looping and external program calls.

Note: Requires access to C compiler to do the hands-on exercises

For more information about any of these classes, or to see if the Training Center has a class in an area not mentioned, call the Training Center at NWC ext. 2451.

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486 EISA Workstation: Complete 33MHz system in full-tower case with 94MB, 18ms ESDI hard disk drive with **true EISA 1MB-cache hard-drive controller** (with 6.4Mbytes/sec actual sustained transfer), integral 486 floating point processor, 4MB RAM (mbd holds up to 64MB), 128K cache, Weitek 4167 socket, Intel EISA chip set, setup in BIOS, 8ea 32-bit ISA-&-EISA slots, serial mouse port & one parallel & two serial ports, MS-DOS 4.01, 1.2MB/360K & 1.44MB floppy disk drives, 1024x768x256 color VGA card & monitor & enhanced keyboard. 3-year warranty (hard disk 1 yr.). Upgrades: 160MB hard drive \$199, to 8MB RAM \$220, case with 300W power supply & 8 drive bays \$299.

94MB hard disk, 4MB RAM, 1024x768x256colors VGA 128K cache, 486 33MHz EISA workstation \$6495

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China Laker talks of combat shooting skill

What started off as a hobby for a young boy over 15 years ago has evolved into much more for Andy Stanford, who is an operations research analyst in the Weapons Planning Group's Warfare Analysis Program. At the tender age of 15, Stanford was already competitive in combat pistol shooting and went on to become an expert in combat rifle shooting. He has spent years giving private combat shooting lessons and currently consults and conducts training for military and law enforcement personnel.

Stanford teaches marksmen "to train like you expect to fight."

Stanford has considerable experience in the private sector of combat shooting. His competitive background and knowledge in combat marksmanship includes training by professional instructors. He shoots in competition for: Kern Practical Pistol Club (master class); Southwest Combat Pistol League; International Practical Shooting Confederation Nationals; Combat Shotgun Association ("A" class); Southern California Tactical Combat Program and International 3-gun Invitational; Full-Auto Weapons training (M-16, AKM, SAW). He was a founder of the Indian Wells Valley Combat Shooter's Association and is director of the Martial Marksmanship Institute.

As if that isn't enough, Stanford is a member of the Military Marksmanship Education Foundation, which was formed to promote training and techniques that increase expertise of U.S. service personnel in practical combat marksmanship. The foundation's charter promotes activities which observe and comment on U.S. military efforts in the area of combat marksmanship techniques and training; advocates ideas in combat firing techniques and training such as "train like you expect to fight," "only hits count," "you have to walk before you can run," and "skill is better than luck." The foundation also conducts independent research, development, test, and evaluation of combat marksmanship techniques and training methods, and serves as a liaison between the private sector and the U.S. military in the field of combat marksmanship.

The publication of a quarterly journal called

Combat Marksman, a product of the foundation, serves as a forum for debate and exchange of ideas on the subject of combat marksmanship. Stanford is the editor/publisher of the journal and produces the magazine at his own expense.

"I realized the potential for large gains in the effectiveness of rifleman in combat could be made by simple low-cost or no-cost enhancements. It was the magnitude of possible improvements others could benefit by that really motivated me to start the journal," exclaimed Stanford. He stresses to his readers that the publication's goal is to provide information to assist military members involved with small arms training, and improve combat effectiveness of their services, which will increase their chance of success in battle.

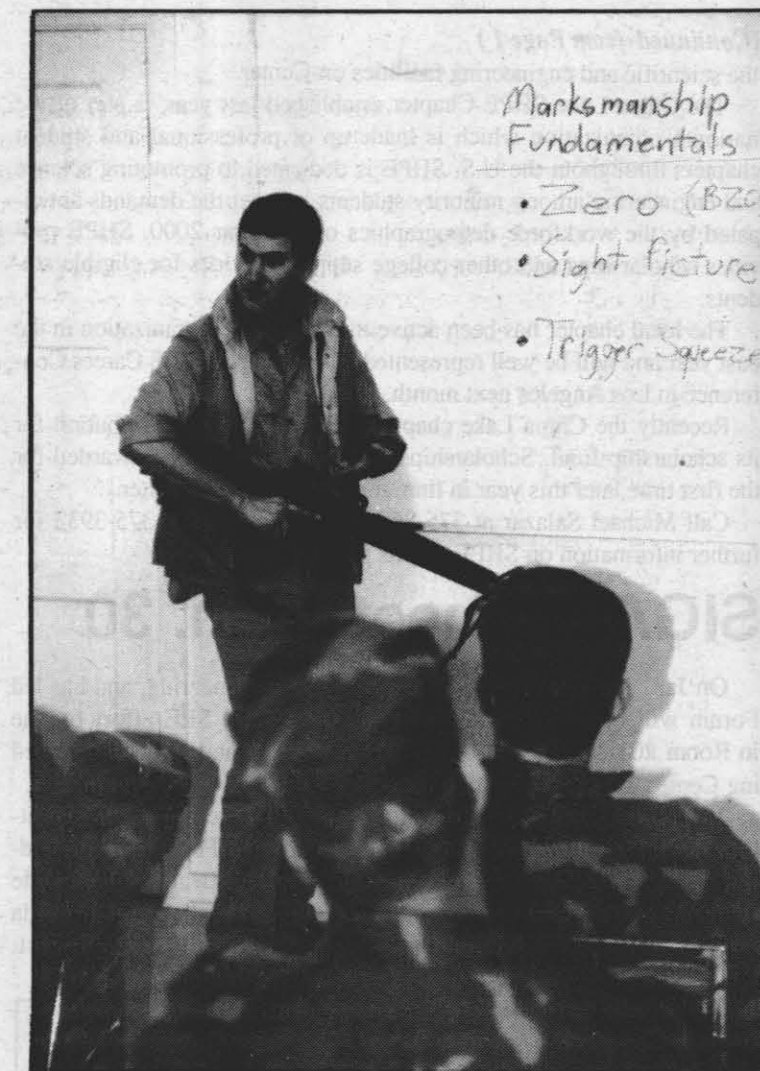
Other members of the Combat Marksman staff include Maj. Richard Jeppesen, USMC (Ret.), director, Michael Harries, private sector liaison, and NWC's Greg Showman, Code 31598, analyst.

Marines, Auxiliary Security Force and Seabees receive this training.

In recent months Stanford has been called upon to conduct training and lectures for units and individuals being deployed to the Persian Gulf. He visits Marines at the USMC School of Infantry, USMC Provost Marshalls Office, and USMC Weapons Training Battalion, Camp Pendleton, Calif., frequently to give instruction. On Center he has trained the China Lake Auxiliary Security Force, and the U.S. Navy Seabees.

"I want to inform individuals that more gains can be made in combat marksmanship by applying sound techniques rather than spending alot of money on equipment!" said Stanford.

The *Combat Marksman* welcomes articles and letters from their readers. The journal is distributed free of charge to the people and organizations responsible for training America's armed forces in marksmanship, including the Marine and Army Schools of Infantry, recruit depots, Navy SEAL teams, and others involved with efforts in combat marksmanship.



SOUND ADVICE -- "Keep your finger off the trigger unless the sights are on the target!" Safe gunhandling under stress is one of the subjects Andy Stanford teaches in combat marksmanship class. Photo by Leroy Doig

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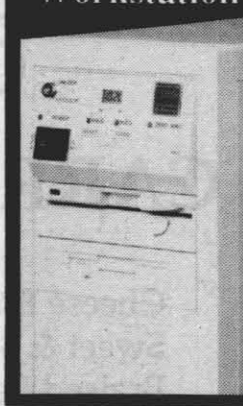
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25MHz 486 Workstation



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SHPE:

Local chapter receives ACE funding grant

(Continued from Page 1)

the scientific and engineering facilities on-Center.

The China Lake SHPE Chapter, established last year, is part of the national organization which is made up of professional and student chapters throughout the U.S. SHPE is dedicated to promoting science and engineering among minority students to meet the demands anticipated by the workforce demographics of the Year 2000. SHPE provides scholarships and other college support services for eligible students.

The local chapter has been active in the national organization in the past year and will be well represented at the annual SHPE Career Conference in Los Angeles next month.

Recently the China Lake chapter received its first contribution for its scholarship fund. Scholarships from this fund will be awarded for the first time later this year in time for the 1991 fall semester.

Call Michael Salazar at 375-8682 or Cecil Rivier at 375-3933 for further information on SHPE and its programs.

SIGADA meets Jan. 30

On Jan. 30, the next SIGADA Forum will be held at 3:30 p.m. in Room 201 of the NWC Training Center. Dan Kietly and Fausto Miranda will speak on Ada library development, domain analysis and object oriented methods.

Dan Kietly is currently the delivery order manager at CTA Incorporated. He has been a software engineer for 25+ years, and a manager at CTA in Ridgecrest for 3 years. He has managed Ada avionics software reuse efforts in Domain Analysis and Library Development.

Fausto Miranda is a senior scientist with 10 years experience in

software engineering, and has led the Lockheed SEE effort for the ATF - Ada and Object Oriented Methods.

All interested parties are invited to attend. For more information contact Brad Clark, Code 3922, NWC ext. 1276 or Linda Roush, Code 3142, NWC ext. 5575.

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(202) 443-6743 (commercial)



SUCCESS--Members of the China Lake Chapter, Society of Hispanic Professional Engineers' (SHPE) Advancing Careers in Engineering (ACE) committee show off a check from the national SHPE organization allowing start of a special ACE program in area high schools. Michael Salazar (center left), committee chair, presents the check to Cecil Rivier (center right), chapter president. Looking on (from left) were Joaquin Rivier, Rosa E. May, Sylvia Enriquez, Socorro Ramirez and Calixto Rivier. Photo by PH3 Cary Brady

FMA banquet features Capt. Cook

Capt. Douglas Cook, NWC Commander, will be the guest speaker at the installation banquet for Federal Managers Association, China Lake Chapter 28.

The dinner is planned for Tuesday, Feb. 19, at the Carriage Inn. Cocktails (no host bar) will

start at 6:30 p.m., followed by the dinner at 7 p.m.

Attendees may choose top sirloin, chicken Wellington or blackened catfish for \$14 for members or \$16 for non-members and guests. The fee includes beverage, tax and tip.

Advance reservations are required and may be made by calling Richard Craney, NWC ext. 3411, ext 411; Carol Conrad, NWC ext. 2893; Jim McVay, NWC ext. 7611; or Dee Rorez, NWC ext. 3749.

Learn more about your rights in the 1991 Federal Employees' Almanac

Learn more about your rights! The 1991 *Federal Employees' Almanac* is now available to order by mail. This 250-page guide is filled with more than 200 subjects, including retirement, pay tables, health and life insurance, unemployment, premium and merit pay, promotions and transfers, educational and emergency loans and much more.

To order this information book, send a check or money order to Federal Employees' Almanac, P.O. Box 7528, Falls Church, Virginia 22040-1428. The price is \$5.95 each for orders of 1 to 5 copies, \$5.70 each for orders of 6-19 copies, \$5.50 each for orders of 20-49 copies, or \$5.35 each for orders of 50-99 copies.

Community education classes offered

Cerro Coso Community College is offering a variety of community education classes this spring.

Aging Without Getting Old, which begins Feb. 4 and ends March 4, will meet on Mondays from 7 to 9 p.m. Instructors Miriam Cartwright and Charla Green will help students develop a positive attitude toward the inevitable aging process. Cost is \$30.

Ballroom Dancing, which will be held Feb. 22-March 29, will meet on Fridays from 7 to 9 p.m. No experience or partner is required for this class, which is taught by Felice Reynolds at the Hi Desert

Dance Center. Cost is \$20.

Stained and Leaded Glass will meet on Wednesdays from 6:30 to 8:30 p.m. from Jan. 16 through April 10. This introductory class is taught by Hal Williams. Special tools and materials will be required. Cost is \$35.

In addition, several Tai Chi and massage classes will be offered by Marla McBride.

For more information on any of these classes, call the college at 375-5001.

Learn about tax planning for 1991

Tax Planning for 1991 (1.5 hours)

Jan. 30, Wednesday, 1130-1300, Training Center. By Charla Green.

Scope: This seminar will focus on tax planning strategies for *employees*. Three primary questions will be answered:

- Why do I have to pay taxes?
- How can I keep the IRS auditor away?

•How can I pay as little tax as possible?

Recent tax law changes and tax planning tips will also be covered. Time will be provided for questions.

Enrollments are on a walk-in basis only. The class size is limited. Point of contact is the Wellness Program Office, NWC ext. 2468.

Training Center has self-study courses

Working Well (Managing for Health and High Performance) Self-Study; NWC Training Center.

Scope: *Working Well*, by Majorie Blanchard, Ph.D., and Mark J. Tager, M.D. (forward by Kenneth Blanchard Ph.D. co-author of *The One Minute Manager*), is the newest addition to the Learning Center library.

Can a bad boss make people sick? Yes -- and with disastrous results for performance and productivity, as demonstrated by the research on which this book is based. *Working Well* will help every manager understand the health/productivity connection: Healthy people not only feel better about themselves and their work; they produce dramatically better results.

Wellness in the workplace is not just a matter of health care benefits or annual checkups. Wellness goes right to the heart of how your people perform. It's the recognition that managing for health is managing for health is managing for productivity! *Working Well* introduces the practical, amazingly effective PERKS system of managing for health and high performance.

The book is available by calling NWC ext. 2451 or by coming into Room 100 of the Training Center.

Enrollment Form: None.
Strategies For Successful Weight Loss & Maintenance Self-Study; Training Center (2 Hours)

Scope: this workshop, by Darlene Dreon, M.S., M.P.H., RD.,

covers the prevalence of obesity and its associated health problems, results of the Stanford weight control projects, diet composition and body composition, long-term follow up of weight management, social learning theory and self efficiency in weight management.

Note: This VHS video may be (Continued on Page 20)



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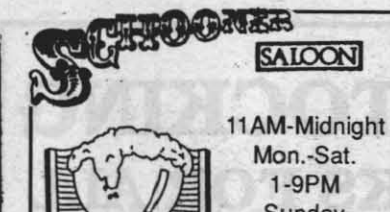
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Extra hours needed

(Continued on Page 18)

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

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

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

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

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

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

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

Jay W. Hill, Code 6421, Electronic Technician - is being treated for pneumonia and valley fever and is indebted for leave.

Leave Donation Form
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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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ATLAS HOTELS

Job opportunities...

(Continued on Page 18)

development contract ad in-house contracts, contract requirements, and contractor performance to the contract requirements. Secondary duties will include program planning and analysis. Full performance level for this position is DP-3. Send SF-171 to Dave Eiband, Code 35B4, ext. 2366.

No. 62-034, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/830/861/1310/1520/1550-3, Code 62C2- Serves as the focal point for program offices and other sponsors for test work on the NAVWPNCEN SNORT Ranges. Responsibilities include test planning, fiscal management, test coordi-

nation, analysis, and documentation of assigned projects. The incumbent serves as the primary contact with sponsors, technical, and administrative associates, center managers, contractors, and national associates. Sponsors are from both on-Center and off-Center and include SPAWARS, Marines, Air Force, Army, private industry, and foreign military. Little or no travel is required. Position includes a good balance between desk work and field work. Incumbent must be able to communicate effectively with all levels of Center managers and work effectively with people. To apply, send an updated SF-171 to George Osterman, Code 6251A, NWC ext. 6808.

Secretarial opportunities

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

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

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

No. 26-001, Secretary (Typing), DG-318-2/3, Code 2606 - The incumbent serves as secretary to the Head of the Geothermal Program Office and provides a full range of office services to the staff. Working skill with the IBM-PC is desirable but not required. Must be able to obtain and maintain a Secret Clearance. Full performance level: DG-3.

No. 30-002 Secretary (Typing) DG-318-2/3, Code 304 - Position is located in the Warfare Analysis Program Office, Weapons Planning Group. Incumbent will provide secretarial support to Warfare Analysis Program Director and staff. Ability to use the Macintosh II and software including Excel, Filemaker and Powerpoint is desirable, but not required. Incumbent must be able to obtain and maintain a Secret Clearance. Promotion potential to DG-3, but not guaranteed. Area of consideration is limited to the 03 Directorate.

No. 32-001, Secretary (Typing), DG-318-1/2, Code 3267-Position is located in the Gun Systems Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent provides secretarial and administrative support to the branch. Incumbent must be able to obtain and maintain a Secret Clearance. Experience with the Xerox 640 and Macintosh computer is highly desirable.

Promotion potential to the DG-2 but not guaranteed. Limited to Laboratory directorate employees.

No. 35-003 Secretary (Typing) DG-318-1/2, Code 3515- This position is located in the Harm Software Branch, Attack Weapons Department. Incumbent will provide secretarial support to the branch. Ability to use the Macintosh PC is desirable, but not required. Incumbent must be able to obtain and maintain a Secret Clearance. Promotion potential to DG-2, but not guaranteed. Area of consideration is limited to the 03 Directorate.

No. 39-055, Secretary (Typing), DG-318-2/3, Code 39B11 - This position is located in the Intercept Weapons Department, Standard Missile Program Office. Incumbent will provide secretarial and administrative support to Head, Standard Missile Program Office and staff. Knowledge of NWC operations and regulations is desired. Ability to deal effectively with all levels of personnel is highly desired. Knowledge and experience with the Macintosh PC is desired. Must be able to obtain and maintain a Secret Clearance. Promotion potential to DG-3, but not guaranteed. Previous applicants need not reapply. The area of consideration of this position is limited to the 03 Directorate.

Co-workers could use additional leave hours due to emergencies

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.

Mildred Haywood, Secretary, Code 6531 -- is in need of leave due to back injuries sustained in a car accident.

Barbara Miller, Fiscal Accounting Clerk, Code 2855 -- underwent surgery and needs leave.

Maryann Hiser, Engineering Data Management Specialist, Code 36542 -- will be undergoing major surgery and is in need of leave.

Betty Cirotski, Procurement Assistant, Code 31B1 -- is undergoing treatment for an acute staph infection in her surgically replaced hip. She will be unable to work for three months.

Deborah Ann Ball, Computer Scientist, Code 3922 -- underwent abdominal surgery and is in need of leave.

George J. Wiederhold, Electronics Technician, Code 6236 -- has been hospitalized for two months due to severe depression.

Jeff Bailey, Computer Scientist, Code 3142 -- needs to take care of his wife, who is hospitalized for at least five weeks and take time off for their family.

Barbara J. Bennett, Secretary, Code 308 --

had arthroplasty and needs to be off work for three months. She is indebted for leave.

Ernest Bigelow, Reliability Engineer, Code 3686 -- is giving full time care to his wife, who is critically ill.

Thomas Boyd, Visual Information Specialist, Code 3414 -- is off work and indebted for leave due to osteomyelitis of the spine.

Leo Montano, Visual Information Specialist, Code 3441 -- is undergoing further cancer treatment and is in need of leave.

Marlene Nelson, Paralegal, Code 006 -- underwent unexpected emergency surgery and is in need of leave.

DeWayne Davis, Engineering Technician, Code 3665 -- underwent surgery and is in need of leave.

Linda Lou Crosby, Television Production Specialist -- had knee surgery and is undergoing physical therapy.

Barry A. Smith, Electronics Engineer, Code 3931 -- is experiencing symptoms of meningitis and is indebted for leave.

Patricia Jaime, Editorial Assistant, Code 3647 -- is undergoing medical treatment and is in need of leave.

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

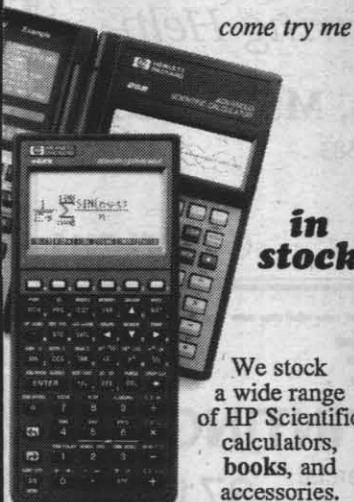
Cheryl Mosley, Secretary, Code 3217 -- is in need of leave to care for her son who underwent surgery.

(Continued on Page 19)

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NWC sets June 4-8 for annual event

Observance of the 1991 American Heritage Week at the Naval Weapons Center will be held June 4 to 8. This years theme "A Blending Tapestry of Cultures" has been selected to emphasize the multiculturalism present in America. Multiculturalism requires each of us to look at the world through the eyes of more than one culture, and to realize the contributions and impact each culture has made on American society. Ann Kurotori and Ricky Parks have been selected as this year's co-chairpersons.

Volunteers are needed to chair subcommittees in the following areas publicity, entertainment, food booths, special events, and community liaison. The first committee meeting will be held on Jan. 29 at 10 a.m. Human Resources Department Conference Room.

For additional information, contact Ann or Ricky at NWC ext. 3129, or "E" Mail Persl: Kurotori or Persl: Parks.



China Lake Police continue radar patrols on Center

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

According to Kerry B. Swigum, traffic manager, CLP Operations Branch, areas of concentration for radar traffic enforcement next week are listed below.

- Friday -- Knox Road.
- Monday -- Burroughs Avenue.
- Tuesday -- Poleline Road.
- Wednesday -- Richmond Road.
- Thursday -- Lauritsen Road.

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

Blood drive:

Collection effort not currently planned by Branch Clinic

There have been several queries recently by concerned citizens asking about holding blood drives in support of Operation Desert Storm. The patriotism of the citizenry, coupled with the television media's presenting scenes of blood collection efforts in the Los Angeles basin, have caused some to ask why NWC is not sponsoring local blood drives.

The NWC Red Cross Chapter is not a blood collecting agency as it is in other areas. In fact, the Red Cross does not operate blood collection units anywhere in Kern County. Ridgecrest's populace has typically given blood donations to others in the Indian Wells Valley or patients in Ridgecrest Community Hospital through Houchin Blood Bank, a private blood collection agency.

Blood collection is not a procedure organic to the NWC Branch Medical Clinic's capabilities. While the clinic's lab technicians, HM2 Beste and HN Espinoza, are trained to process whole blood, the clinic does not have the processing and storage equipment required for blood collection evolutions. The clinic's parent command, Naval Hospital Long Beach (NHLB), has the capability of collecting blood and is presently doing so in support of Desert Storm operations. NHLB joins the Red Cross, Naval hospitals at Camp Pendleton and San Diego, and many other U.S. hospitals in supplying all of the blood presently manageable and needed in the Persian Gulf region. Military blood program donations are forwarded to the Armed Services Whole Blood Processing Laboratory at McGuire Air Force Base for further transfer to the Persian Gulf.

Once blood is donated and stored in refrigerators, it has a shelf life of only 35 days. Shelf life limitations, plus the fact that an individual requires eight weeks of recovery time before the next donation, underscore the military's need to conserve potential blood supplies and not exceed current targets. Presently, NHLB is getting sufficient donors from

the Los Angeles area to meet its weekly quota. The Red Cross is also presently telling its blood collecting chapters not to use Operation Desert Storm as a reason to get donors.

Should the Gulf war demand additional whole blood not attainable in Los Angeles, NHLB will look to other bases and clinics such as China Lake to fill their quotas. Should NHLB need China Lake and Ridgecrest blood donors, the NWC Clinic would advertise and help arrange the logistics for a five or six-day drive to be conducted here by the NHLB Laboratory staff. A blood drive of several days duration would enable NHLB to gain the maximum number of donors from the area. The Houchin Blood Bank has not been contacted by the National Blood Exchange to start providing augmentation blood to Desert Storm, either.

In two separate messages, the Navy's Bureau of Medicine and Surgery has both prioritized blood collection efforts on bases and requested that Navy and Marine Corps commands deny on-base access to civilian blood collection agencies to protect and conserve the military donor pool. Military personnel may donate blood to agencies off base, but are encouraged to donate to a military blood program. Should NHLB's staff come to China Lake, military personnel would be encouraged, but not required, to participate in that blood collection program. The Houchin Blood Bank will be in town on Feb. 12 for their regular collection for the valley. The Red Cross reportedly draws blood at Edwards Air Force Base on the first of each month.

Your offers of blood drive assistance have been greatly appreciated. Any future blood drive initiatives at NWC will be widely advertised. Please continue to direct blood drive inquiries to the clinic's officer-in-charge, LCdr. Titi, NWC ext. 2911.

By LCdr. Richard Titi
Officer-in-charge, Branch Medical Clinic

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We have two 486 machines in the PC Lab for customer evaluation, bring in your applications to test or just ask for a demo. The Compaq 486/33 will be here until Jan 29th, the Foundation 486/25 is here indefinitely.

Macworld

The main thrust of this year's conference seemed to be the future and what's in store for Mac users. Multimedia was the buzzword and widely overused. Multimedia kind of boils down to an extension of Macintosh capabilities and the incorporation of graphics, video, and sound in publications. Even though the "MacHeads" are saying Multimedia is here, in reality it seems to be a long way off, maybe not even coming to most of us. As desktop publishing evolves and applications become integrated, publications will be presented electronically and will contain video images, animation, and sound. Along with these new capabilities comes the need to understand complicated technologies, like color and video, experience in document layout and design, and expertise with more and more sophisticated software applications. Developing multimedia publications would be a very time consuming and expensive process, even for the most experienced designers. Even though the price of technology and computers is decreasing, we will need to have very powerful systems to even look at these documents.

Some of the newest developing technologies include virtual reality. Basically, virtual reality means putting on special gear, a glove and helmet (with cameras for each eye), digital information is collected from the equipment and transferred to a computer, allowing real-time modeling and several other exciting applications. Pen computers will replace the smallest laptop and keyboard, I'm not quite sure how the little things are going to read my handwriting though. Compression techniques for huge amounts of data is going to be desperately needed to handle the large video and audio files, new technology in this area is developing accordingly. Animation is becoming very impressive and becoming easier to develop.

It's been said this years conference was subdued, partly because of the pending war and the recession, I think another factor is that the Macintosh is finally being taken very seriously, it's definitely not considered a toy anymore. There were at least 500 exhibitors between Moscone Center and Brooks Hall, the vendors provided excellent demos, but they weren't exactly subdued when it came to overpowering their neighboring competitor.

Macintosh System 7.0

While in San Francisco for MacWorld Expo, Sharon and I attended an Apple User Group meeting and received a hypercard stack outlining the features and compatibility information in System 7.0, if you would like to check it out, bring a blank disk down to the PC Lab and make a copy. Apple plans to ship System 7.0 during the first half of this year.

by Donna Hanson

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Higher world tensions bring increased security to protect China Lakers

Because of the world situation, security at the Naval Weapons Center's access gates has been increased, some gate hours have been changed and other gates are closed.

When entering the base, drivers of vehicles with NWC decals need to show their military or dependent identification card or NWC badge. Passengers will not be required to show proper identification at this time.

For vehicles without an NWC decal, drivers as well as passengers will be required to show their military or dependent identification card or NWC badge. If these forms of identification are not available, the driver will be asked to pull over to be logged in.

From 6 p.m. to 6 a.m. on workdays, weekends and holidays, people from outside the local area who are visiting the Center will be asked to pull over so security guards can call their sponsors to verify their visit.

Gates hours will also be limited. Richmond Road Gate, also known as the back gate, will be open

from 5 a.m. to 8 p.m. on workdays. It will be closed on Saturdays, Sundays and holidays. Signs will be posted as a reminder.

The Sandquist Road Gate to Armitage Field will be open from 6 to 8 a.m., 11 a.m. to 1 p.m. and from 3 to 6 p.m. on workdays.

Knox Road Gate, which is adjacent to Burroughs High School and at the south end of Knox Road, has been closed, as well as the Blandy Avenue Gate at the west end of Blandy. Capehart Housing pedestrian gates and the Visitor Center pedestrian gate have also been closed.

Schedules of gates not addressed above remain the same.

Visitors to official buildings, such as Michelson Laboratory, the Administration Building, Range Control Center, Lauritsen Lab, may have their briefcases, bags or packages searched.

China Lakers who feel the above restrictions are not being carried out should call Larry Brunson at NWC ext. 2947. If the infraction occurs at night, call the watch commander at NWC ext. 3323.

Center Library offers many IRS forms, booklets

A variety of materials has been furnished to the Center Library by the Internal Revenue Service to help taxpayers prepare their federal income tax forms. Also available is the IRS Publication

1132, which contains more than 90 reproducible tax forms that can easily be photocopied.

While the librarians are not tax experts, they will be able to direct the public to these helpful

tax aids. Tax assistance is available from the IRS in Bakersfield.

The Center Library is open Mon. through Thur., 11 a.m. to 8 p.m.; Sun. 10 a.m. to 6 p.m.; closed Fri. and Sat.

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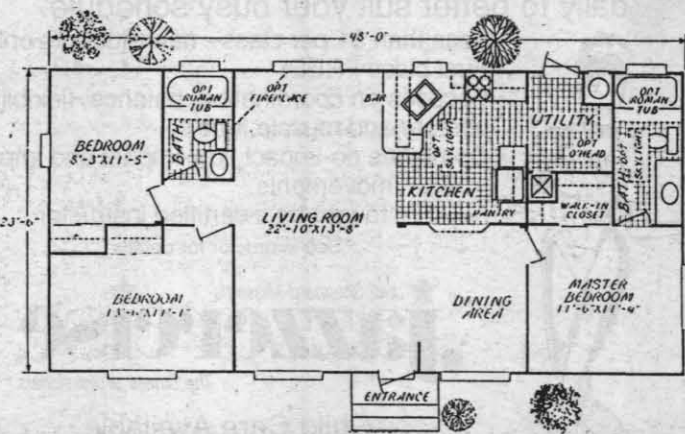
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Naval Weapons Center seeks qualified employees

(Continued from Page 16)

force-on-force effectiveness analyses. **Job relevant criteria:** Knowledge of weapon flight dynamics, mid-course and terminal guidance systems; Knowledge of the weapons development process; Knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies; Ability to plan, organize, coordinate, and manage a technical program. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential is DP-4, but not guaranteed.

No. 39-056, Administrative Assistant, DA-341-1/2, Code 39B11 - Position is located in the Standard Missile Project Office. Incumbent is responsible for assisting administrative areas including personnel, plant account, ADPE, C&IS planning, procurement, FES (facilities, equipment, and space), financial management, safety and security. **Job Relevant Criteria:** Knowledge of administrative techniques, financial systems, NWC policies/procedures, ability to communicate orally and in writing. Ability to use Macintosh Computer is desired. Promotion potential to DA-2. Previous applicants need not reapply. Area of consideration of this position is the 03 Directorate.

No. 39-060, Supervisory Interdisciplinary (Physicist, Electronics Engineer), DP-1310/855-3/4, Code 3944 - This position is Head, Air-to-Air Guidance Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent manages and provide technical direction for the design, development and evaluation of guidance and control units for the Sidewinder AIM-9R. **Job Relevant Criteria:** Experience in the design, analysis, test and evaluation of electro-optical guidance systems and subsystems; ability to coordinate and negotiate with the Center, Navy, DOD and contractor organizations in defining technical and management objectives and controlling/reporting processes; ability to supervise an interdisciplinary professional workforce; ability to communicate both orally and in writing; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies. Promotion potential DP-4 but not guaranteed.

No. 61-005, Electronics Technician, DT-856-2, Code 61312 - This position is located in the Tracking and Control Branch, Engineering Support Division, Aircraft Department. The incumbent is responsible for the operational readiness of drone systems installed in aerial targets. Duties will include design, fabrication, installation, modification, maintenance, and operation of these systems relevant to drone aerial targets. Performance of these duties will require the incumbent to acquire a thorough working knowledge of the hardware, software, and telemetry systems relevant to drone aerial tar-

gets. Must be willing to travel to other DOD organizations and contractor facilities in the normal performance of duties. Incumbent will also provide technical support of division personnel. Incumbent will become certified in MILSTD 2000 soldering technology. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit design; skill in soldering; skill in installation, maintenance, and repair of electronics equipment; skill in using electronic test equipment; ability to communicate orally; ability to communicate in writing. **Promotion potential to DT-3.**

No. 62-003, Multidisciplinary (Aerospace Engineering/Engineering/Electronics Technician), DT/DP-802/856-3, Code 62C2 - Serves as the focal point for program offices and other sponsors for test work on the NAVWPNCEN, SNORT Ranges. Responsibilities include test planning, fiscal management, test coordination, analysis, and documentation of assigned projects. The incumbent serves as the primary contact with sponsors, technical and administrative associates, center manager, contractors, and national associates. Sponsors are from both on-Center and off-Center and includes SPAWARS, Marines, Air Force, Army, private industry, and foreign military. Little or no travel is required. Good balance between desk work and field work. **Job Relevant Criteria:** Knowledge of NWC test range operations; ability to make technical presentations; knowledge of NWC test range instrumentation; knowledge of T & E of weapons systems. **If filled at the DT-3 level, promotion potential to the DP-3, but not guaranteed.**

No. 62-004, Electronics Technician, DT/DP-856-3, Code 6236 - This position is located in the Radar Branch of the Instrumentation Systems Division of the Range Department. Incumbent will provide Hardware Engineering for the North

Range radars. Selectee will design hardware, fabricate, operate, and maintain North Range radars systems used for missile and aircraft testing on NAVWPNCEN North Range. Incumbent will troubleshoot, maintain, and design transmitters, solid state and/or tube receivers, servo systems, data systems, and video systems for pulsed tracking radar systems. Incumbent will function as technical advisor to the Branch and Division regarding existing radar performance, requirements for upgrades, and new systems. Overtime and working outdoors are required. **Job Relevant Criteria:** Knowledge of radar and radar systems; ability to troubleshoot digital and/or analog circuits; knowledge of radar transmitter circuitry (HV, RF, power safety); ability to communicate in writing; ability to communicate orally. Promotion potential to DP-3, but not guaranteed.

No. 64-012, Administrative Assistance or Administrative Officer, DA-341-2, Code 64302 - This position is located in the Administrative and Financial Office, Radar and Threat Technology Division, Aerosystems Department. Incumbent is responsible for a full range of administrative support functions, including management studies, analysis, and reporting. Provides fiscal support to the Division's Business Manager. The incumbent is also responsible for assistance in preparation of procurement packages. Incumbent provides facility support, assists the Division's FES coordinator in the preparation of all PW work requests, IRB submissions, ACP funding requests, and C&IS plan submission. Macintosh experience is desirable. **Job Relevant Criteria:** Knowledge of NWC financial accounting systems, terminology and procedures; knowledge of Navy funding processes; ability to work independently; ability to interpret and apply rules, regulations, policies

procedures and instructions. Must be able to obtain and maintain a Secret

clearance. Promotion potential to the DA-3 level, 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.

No. 31-004, Interdisciplinary (General/Mechanical/Electrical/Aerospace/Industrial Engineer/Physicist/Mathematician), DP-801/855/850/861/830/1310/1520/1550 - 2/3, Code 3193 - 1310/1520-3, Code 3103 - The incumbent will support and represent the project manager in execution of all technical and administrative activities. The deputy project manager will be the technical leader of control/display subsystem and other technical projects as assigned by the project manager. The incumbent will direct a staff of professional employees. The incumbent will interface with various organizations within code 31, NAVAIR, several prime contractors, and other navy field activities. The incumbent will be responsible for preparation of airtasks and work unit assignments, interdepartmental task agreements, maintenance of program directives, monitoring and coordinating technical work, and preparing/making presentations to sponsors and NAVWPNCEN management. To apply send updated SF 171 to S.R. Underwood, Code 3103.

No. 31-084, Interdisciplinary

(General/Electronics/Electrical/Aerospace/Mechanical Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/850/861/830/1310/1520/1550 - 2/3, Code 3193 - 1310/1520-3, Code 3103 - This position is in the AV-8B Systems Engineering Branch of the Aircraft Weapons Integration Department. The incumbent will assist the AV-8B Weapons System Engineer in providing system level weapons integration engineering support to the AV-8B WSSA. As a minimum, this support includes providing system level requirements for weapons integration hardware and software design, functionality, and testing. Knowledge of MIL-STD-1760 desired. To apply, send an updated SF-171 to J. E. Wojciehowski, Code 3193, NWC ext. 5078/5079. Previous applicants need not reapply.

No. 35-005 Interdisciplinary General Engineer/Electronics Engineer/Aerospace Engineer DP-801/855/861-2/3, Code 35B4 - This position is in the Advanced Rocket System (ARS) Project Office. Principal duties include analysis of the ARS (Continued on Page 18)

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Personnel News

Promotional opportunities

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

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

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

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

No. 26-003, Production Facilities Clerk, DG-303-A/1/2/3, Code 2633 - This position is located in the Public Works Department, Engineering Division, Engineering Support Branch. Duties include receiving, logging, and distributing all work requests, issuing contract numbers, preparing construction documents for typing, review, and bid, and procuring funding documents. This position also schedules the engineering effort, maintains the work request database, and communicates with all project design engineers and management. **Job Relevant Criteria:** Ability to learn DOS and VMS computers, spread sheets and word processing; ability to communicate both orally and in writing; ability to deal with all levels of personnel. Full perfor-

mance level: DG-3.

No. 27-014, Supervisory ADP Systems Acquisition Specialist, DP-301-3, Code 2741 - This position is that of Head, Information Resources Acquisition Management Branch, Information Resources Technology Support Division, Information Systems Group. As Branch Head, the incumbent directs a multi-disciplined staff which defines requirements for Code 27 and NWC consolidated ADP hardware, software, and service contracts. The Branch staff also ensures that all necessary on-center and off-center requirements are identified (GSA, CICA, SNCR, etc.) and approvals acquired or waived prior to submission to Code 25. Incumbent would be required to evaluate contractor proposals for Code 27 and

NWC consolidated contract efforts and other ADP contracts, as required. Branch members provide technical contract administration and monitoring for ADP contracts and NWC office automation and copier contracts. Support is also given to Center CALS and Imaging Technology application efforts and the operation of the Computer Support Service Center. **Job Relevant Criteria:** Knowledge of Acquisition Management Processes; knowledge of Federal Acquisition Regulations; working knowledge of computer systems and software; working knowledge of ADP hardware and software maintenance contracts; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies, ability to plan, organize, coordinate and manage a project. Promotion potential to DP-3 but not guaranteed.

No. 28-038, Lead Accounting Technician, DG-525-2/3/4, Code 2863 - This position is located in the Billing and Inventory Branch of the Accounting Division of the Office of the Comptroller. The incumbent will serve as Team Leader in control and maintenance of Inventory Accounting records and subsidiary ledgers. Duties include providing on-the-job training to new team members; budgeting and scheduling for the team; provide input in developing performance plans and providing guidance in the development of IDP's and training plans; maintaining a current knowledge of and provide guidance for other team members on procedures, policies, and directives applicable to the area; reviewing, revising and updating desk procedures and policies used on the team; reconciling subsidiary ledger accounts to GLA accounts, auditing computer reports for accuracy and completeness; researching aged financial information for processing to clear accounts; provide support and documentation on interfaces with other Financial Systems. Incumbent has extensive contact with NWC budget and project personnel and provides training on related financial processing. **Job Relevant Criteria:** Knowledge of the Document Entry System; of NWC Financial Systems; of NAVCOMPT regulations. Ability to communicate effectively orally; ability to communicate effectively in writing; to meet financial deadlines; to interpret and apply a body of regulations and procedures under varying condition; and to deal effectively with a wide range of people. Promotion potential to DG-4, but not guaranteed.

No. 31-002, Administrative Assistant, DA-341-1, Code 3182 - This position is located within the Weapons Survivability Laboratory (WSL), Survivability and Lethality Division, Aircraft Weapons Integration Department. The incumbent is responsible for accounting and bud-

get analysis of the WSL service cost center, WSL support contract coordination, equipment management, procurement package preparation and other miscellaneous administrative support tasks. **Job Relevant Criteria:** Knowledge of budget and financial procedures; ability to gather, compile, and analyze data; ability to interpret and apply rules, regulations, policies, procedures, and instructions; ability to communicate orally and in writing. **Supplemental Qualification Statement is required to address the job relevant criteria.** Promotion potential to DA-2. Area of consideration is limited to the 03 Directorate.

No. 31-003, Electrical Engineering Technician, Electronics Engineering Technician, DP-802/856-3, Code 3103 - The incumbent will support and represent the project manager in execution of all technical and administrative activities. The deputy project manager will be the technical leader of the control/display subsystem and other technical projects as assigned by the project manager. The incumbent will direct a staff of professional employees. The incumbent will interface with various organizations within code 31, NAVAIR, several prime contractors, and other navy field activities. The incumbent will be responsible for preparation of airtasks and work unit assignments, interdepartmental task agreements, maintenance of program directives, monitoring and coordinating technical work, and preparing/making presentations to sponsors and NAVWPNCEN management. **Job Relevant Criteria:** Knowledge of aircraft/avionics systems, software engineering, operations flight program modification process, DID standards, project management and systems integration; ability to effectively communicate; ability to comprehend and coordinate a number of complex technical activities. The full performance level of this position is DP-3.

No. 31-005, Computer Engineering Technician, DT-802-A, Code 3192 - This position is in the A-6 Branch of the Aircraft Weapons Integration Department. The incumbent will provide computer engineering support to avionics system and software engineers in the branch. Responsibilities will include: managing and operating Xerox Star computer systems, including installing software upgrades and performing system back-ups; generating A-6 Operational Flight Program Math Flow documents using graphics software on the Star; reducing flight test data and laboratory ballistics data using a PC-based graphics workstation; and assisting other branch members maintain various data bases. The successful applicant must be able to work as a member of a tightly integrated government/contractor team on a project with ambitious goals and

schedules. Must be able to obtain and maintain a Top Secret security clearance. **Job Relevant Criteria:** Knowledge of multiple computer systems (mainframe and micros); knowledge of database functions; ability to use mathematics, up to and including pre-calculus; ability to communicate orally; ability to operate the controls of a digital/analog computer system and its peripheral equipment. The full performance level of this position is DT-2. Area of consideration is limited to the 03 Directorate.

No. 34-017, Photographer (Scientific & Technical), DT-1060-3, Code 3452 - This position is located in the Photographer Services Branch, Photographic Division, Technical Information Department. Duties include scientific and technical photography using a variety of still and motion picture cameras. The incumbent must process a variety of color and black and white films both manually and on automatic equipment. The incumbent must qualify for photographic assignments in helicopter and high performance jet aircraft. **Job Relevant Criteria:** Knowledge of standard still and motion picture cameras and accessories. Ability to properly compose, expose and process black & white and color films under adverse conditions. Full performance level is DT-3.

No. 35-004 Program Analyst, DA-345-2/3, Code 35B4 - This position is in the Advanced Rocket System (ARS) Project Office. Principal duties include analysis of the ARS development contract ad in-house contracts, contract requirements, and contractor performance to the contract requirements. Secondary duties will include program planning and analysis. **Job relevant criteria:** Knowledge of Statement of Work, Specifications and contract structure; Basic knowledge of Military Standards/Specifications and their application to development contracts; Ability to communicate in writing; Ability to communicate orally. Full performance level of this position is DA-3. Area of consideration is limited to the 03 Directorate.

No. 35-006 Supervisory Interdisciplinary General Engineer/Mechanical Engineer/Aerospace Engineer/ Electronics Engineer/ Mathematician/Physicist/ Computer Scientist/ Operations Research Analyst, DP-801/830/850/855/861/1310/ 1515/1550- 3/4, Code 3518 - This position is that of Head, Weapons Concepts Branch, Weapons Systems Analysis Division, Attack Weapons Department. As branch head, the incumbent directs a multi-disciplined staff which conducts a wide range of analysis tasks including analysis of infrared and R.F. guided weapons, signal processing techniques using advanced neural networks, weapons planning studies, and

(Continued on Page 17)

Customers come first in this PWD office

Being a customer relations representative in the Public Works Department is more than just a job to Mona Alkhafi. It is a chance to interact with people throughout the Naval Weapons Center. "I'm the department's point of contact," she said. "Part of my job is to provide information and assist people in finding the correct office to help them with their problems."

Situations arise ranging from questions such as "my outside light went out, who do I call?" to assisting with ground breaking ceremonies and escorting VIPs. "My main responsibility is to be a team member and do whatever is required to get the job done," explained Alkhafi.

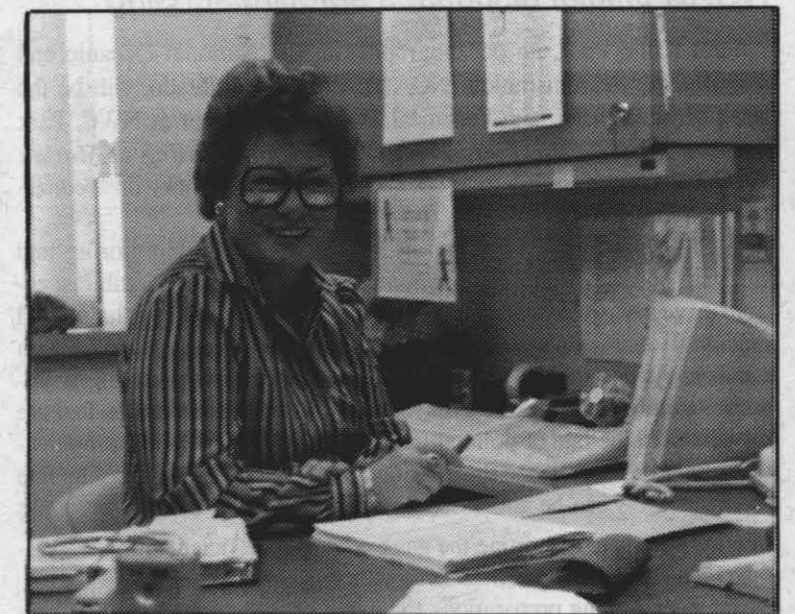
The Public Works Department is responsible for all construction and alterations on-Center; mainte-

nance and repair of all NWC facilities, including housing; utilities and energy monitoring -- so there are endless possibilities for questions concerning the department.

Other duties performed by the customer relations representative include working with the NWC Public Affairs and Protocol offices and the Training Center.

Alkhafi is the focal point for the Public Works newsletter *Shop Talk*. "The newsletter is a means of sharing information, discussing challenges and exploring solutions to problems confronting the department," she said.

People who have questions or need assistance from Alkhafi, can reach her at NWC ext. 3411, ext. 476.



Mona Alkhafi

Retirement celebrations scheduled

On Jan. 31, a retirement party for **Chuck Woods** will be held at the Seafarer Club. A no host bar and hors d'oeuvres will begin at 6 p.m., followed by the presentations at 7 p.m. Tickets are \$6 per person if purchased before Jan. 25. Tickets bought after that date will be \$7 per person.

To make a reservation or arrange to make a presentation or donate for a gift, call Clea (Code 6222) at NWC ext. 4307, or Donnie Woods (Code 051) at NWC ext. 3230.

Howard Forrester is retiring

again after another five years service at NWC. A retirement luncheon in his honor is set for 11:15 a.m. Jan. 31 at John's Pizza. The cost is \$5.50 per person. For reservations, presentations or to make gift contributions call Karen or Patty at NWC ext. 2202.

After 33 years service at NWC, **Chuck Woods** will retire at the end of the month. A farewell party for Chuck is set for Jan. 31 at 6 p.m. in the NWC Seafarer Club. Tickets are \$6 per person if purchased by tomorrow (Friday) and \$7 at the door. For

tickets, presentations or gift contributions call Clea at NWC ext. 4307 or Donnie at NWC ext. 3230.

Thirty-eight years of federal service will end on Jan. 31 for **William W. Woodworth** (Woody). A party in his honor is set for 4:30 p.m. on Jan. 31 at John's Pizza. To make reservations, schedule a presentation or make a gift contribution, call, Joanie McGregor at NWC ext. 3937 or Joanne George at NWC ext. 3080 no later than close of business on Monday.

Computer trade show in Ridgecrest

Concept Development, Inc. and Rugged Digital will offer a trade show focused on real-time computing at the Carriage Inn (901 North China Lake Blvd.) from 7:30 a.m. to 4 p.m. on Feb. 26.

The 20 manufacturers participating represent the leaders in their fields and will exhibit their abilities which include integration platforms, VMEbus products, Futurebus products and high speed subsys-

tems.

Ray Alderman of VITA will discuss Futurebus and VME64 during a technical session at the trade show.

Registration is free and all are welcome to attend. RSVPs are requested and may be made by calling Margie Davis at (800) 733-1811.

ESB Recycling Center seeks water, milk plastic jugs

The Indian Wells Valley Association for Retarded Citizens (ARC), contract recycler for the Employee Services Board (ESB), can make good use of plastic milk and water jugs. ARC would also like to have other plastic containers if they bear the recycling logo and the digit 1 or 2. Please drop them at the ESB Recycling Center on Richmond Road.

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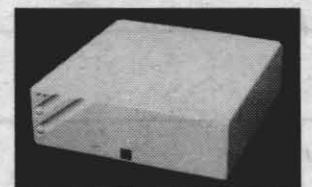
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NWC loses tourney, but attains second place in league play

In a six game tournament held this past weekend at the NWC Gym, the NWC Varsity Basketball team didn't fare too well, losing to Pt. Mugu 113 to 127 and Fort Irwin 99 to 105. The local team did beat Port Hueneme 131 to 108. Fort Irwin took the tournament with a clean sweep.

According to NWC Coach Bob Bailey, the third game, the one against Fort Irwin, was probably NWC's best game. "Fort Irwin beat Pt. Mugu and Port Hueneme by 30 and 50 points," he said. "We lost by only six points. It was a good game."

Leading scorers for the NWC team were Leslie Lewis, Dexter Nelson and Tyrome Finney. Leading rebounders were Brown and Frank Campbell and Nelson. According to Bailey, Bob Jordan, Mike Arkadie and Bruce Bull led NWC's defensive efforts.

While the team might not have won this tournament, they did attain enough wins to place second in the Central League for Navy teams, earning them a spot in SOUTH PAC play Feb. 11-15. The championship games will be played at North Island.

The China Lake team includes Lt. Bob Jordan, AA Tyrome Finney, ADAN David Turner, AOAN Robbi Rankins, ACAN David Pope, Cpl. Michael Exford, AN Richard Allen, HN Bryan Howard, AD2 Leslie Lewis, AEAN David Cox, AT2 Mike Arkadie, Lt. Bruce Bull, RN3 Greg Simmons, AE3 Larry Cook, AK3 Steve Banks, AN Darrell Alexander, AK2 T. Dooley, SSgt. Charlie Moore, Cpl. Frank Campbell and Sgt. Thomas Holmes.

Their coach is a civilian. An engineer in the Intercept Weapons Department, Bailey has played basketball for a number of years, including high school and college. When the NWC team lost their regular coach a couple of weeks ago, Bailey stepped in and brought the team back together.

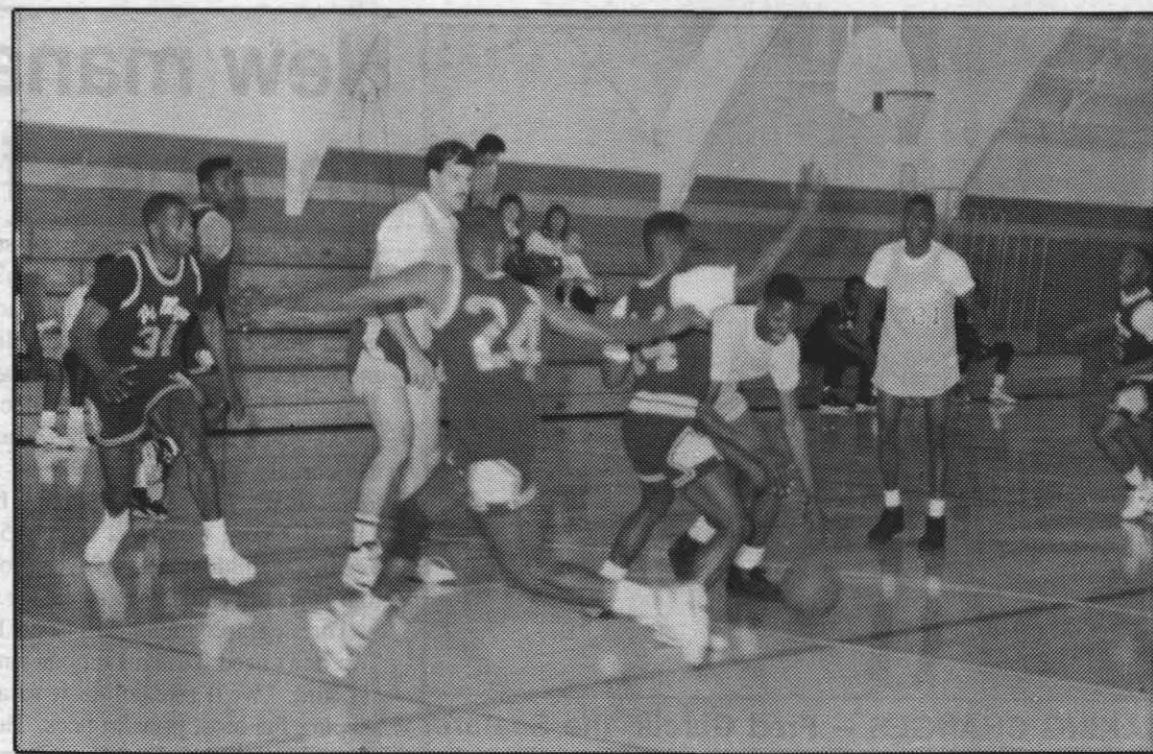


UP AND IN -- Leslie Lewis makes a good jump and sinks two points for the NWC Varsity Basketball team. While the local team only won one of their games last weekend, they wound up in second place in the Central League of Navy teams, making them eligible for SOUTH PAC play at North Island in February.

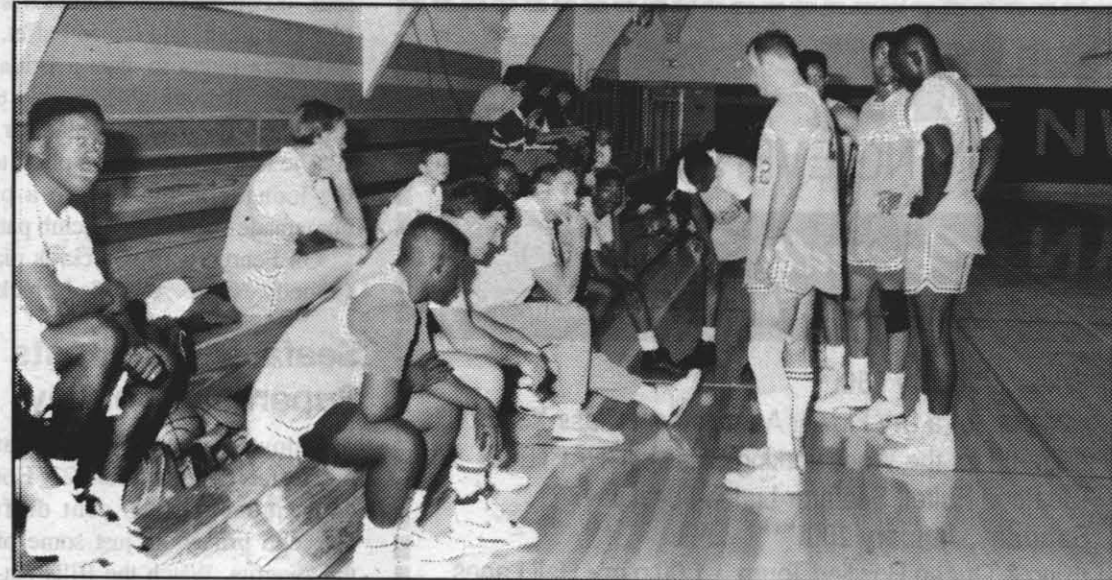
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I'VE GOT IT -- NWC (light uniforms) and Pt. Mugu (dark uniforms) players scramble for a loose ball during the first match in a six game tournament held at the NWC Gym this past weekend.



THIS IS THE WAY I SEE IT -- Coach Bob Bailey talks to members of the NWC Varsity Basketball team as they plan their strategy in last weekend's game against Pt. Mugu. The local team lost, 113 to 127.

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Wellness Corner



The Wellness Program has arranged to have a SAFESCREEN mobile mammography unit at NWC on Jan. 30 and 31. The mobile unit will be parked in the parking lot west of the Training Center from 10 a.m. to 4:30 p.m. all three days. Appointments may be made by calling (800) 458-3385. The cost of the screening is \$50, and available to NWC employees and their spouses. Mammography is an accurate, safe and easy method of early detection of breast cancer. Women who are under the age of 35, or who have current breast abnormalities (dimpling, thickening, discoloration, or inverted nipples) will need a physician's referral slip. Pregnant women are not eligible. Valley Technological Services of Lancaster, California is accredited by the American College of Radiology. If you have questions about the screening you may call the number listed above or (805) 942-2242.

The Wellness Program will once again offer its annual Spring Health Assessments. More information on the blood analysis, health risk and physical fitness assessments will be in future *Rocketeers*.

American Heart Association -- The next time you think you don't have enough time for exercise, take a walk and think about it. In fact, according to

the American Heart Association, every step you take can lead to a healthier heart.

Evidence suggests that exercise is one of the best personal defenses against heart disease, and that an everyday activity such as walking can condition the heart and lungs to protect against heart disease and improve the likelihood of survival from a heart attack.

And walking is easy to fit into your schedule. For instance, a brisk 30-minute walk, just three to four times a week, is all it takes to improve and maintain cardiovascular fitness.

To help you get started on a walking program, the American Heart Association offers a free pamphlet, *Walking for a Healthy Heart*. The pamphlet outlines a 12-week training program which gradually increases your exercise level. It also shows you how to warm up and cool down properly, and how to figure your target heart rate.

Exercise alone will not prevent a heart attack. But combined with other healthy habits, such as eating right and not smoking, it will help you lead a longer, healthier life. For a free copy of *Walking for a Healthy Heart*, send a self-addressed, 45-cent stamped, business-size envelope to the American Heart Association, Kern County Chapter, 404 Truxton Ave., Bakersfield, CA 93301.

Basic drug education offered

From 1 to 3:30 p.m. on Wednesday, Feb. 6, there will be a basic drug education presentation entitled *Dope is for Dopes* in Room 1000-D of Michelson Laboratory.

Sponsored by the NWC Speakers' Bureau and the Kern

County Sheriff's Office (KCSO), Deputy Louie Allen will relate the four medical categories to the seven legal categories of drugs. Displays of real drugs (under glass), paraphernalia and pamphlets will be available. A vehicle or car stop, accompanied with

field sobriety tests, will be simulated. In addition, a canine drug search, arrest and attack sequence will be simulated by the China Lake police officers.

For more information, contact Louie A. Allen at 375-5650 or NWC ext. 1231.

USNI sponsors essay contest

Annapolis, MD -- The U.S. Naval Institute is sponsoring a warfighting essay contest to encourage thinking and debate by naval professionals on how they envision future conflicts and how they intend to use available naval hardware, should we enter combat.

The Naval Institute will award cash prizes of \$1,000, \$750 and \$500 to the authors of the top three essays. Entrants must postmark their essays no later than April 15.

Essays must be original and no longer than 3,500 words. They should be typewritten, double-spaced on 8 1/2" x 11" paper. Your address, phone number, biographical sketch and social security number should be included with the entries. All entries should be directed to Editor-in-Chief, *Proceedings* (Warfighting Contest), U.S. Naval Institute, Annapolis, Maryland 21402.

The Naval Institute Editorial Board will judge the competition. The Naval Institute will publish the winning essays in *Proceedings*, its monthly magazine, and may select some not awarded

prizes for publication. The institute will compensate authors of these pieces at regular rates.

The Naval Institute will mail letters notifying the three award winners on or about June 15.

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Wage earners get higher pay

Following is the new pay schedule for WG, WL and WS, WD, WN rates. The higher pay will be effective starting Feb. 24.

Wage Grade Rates

Grade	Step 1	Step 2	Step 3	Step 4	Step 5
1	7.12	7.42	7.72	8.01	8.31
2	7.93	8.26	8.59	8.92	9.25
3	8.75	9.11	9.47	9.84	10.20
4	9.56	9.96	10.36	10.76	11.16
5	10.37	10.80	11.23	11.66	12.10
6	11.18	11.65	12.12	12.58	13.05
7	11.99	12.50	12.98	13.46	13.95
8	12.80	13.35	13.83	14.31	14.80
9	13.61	14.20	14.69	15.17	15.66
10	14.42	15.05	15.54	16.02	16.51
11	15.23	15.91	16.41	16.90	17.39
12	16.04	16.76	17.27	17.76	18.25
13	16.85	17.61	18.13	18.62	19.11
14	17.66	18.46	19.00	19.49	19.98
15	18.47	19.31	19.86	20.35	20.84

WL Rates

Grade	Step 1	Step 2	Step 3	Step 4	Step 5
1	7.83	8.16	8.49	8.81	9.14
2	8.73	9.09	9.45	9.82	10.18
3	9.62	10.01	10.42	10.82	11.22
4	10.52	10.96	11.40	11.84	12.28
5	11.40	11.88	12.36	12.83	13.31
6	12.31	12.82	13.33	13.85	14.36
7	13.24	13.79	14.33	14.88	15.43
8	14.18	14.77	15.33	15.90	16.46
9	15.14	15.76	16.35	16.94	17.53
10	16.11	16.76	17.38	17.99	18.59
11	17.10	17.79	18.43	19.06	19.69
12	18.10	18.83	19.49	20.14	20.79
13	19.11	19.88	20.57	21.24	21.91
14	20.14	20.95	21.67	22.36	23.05
15	21.18	22.03	22.78	23.50	24.21

WS Rates

Grade	Step 1	Step 2	Step 3	Step 4	Step 5
1	11.45	11.93	12.41	12.88	13.36
2	12.26	12.77	13.28	13.79	14.30
3	13.08	13.62	14.16	14.71	15.25
4	13.89	14.47	15.05	15.63	16.21
5	14.70	15.31	15.92	16.53	17.15
6	15.56	16.20	16.83	17.48	18.12
7	16.42	17.10	17.79	18.48	19.17
8	17.29	18.01	18.73	19.46	20.18
9	18.16	18.92	19.67	20.42	21.18
10	19.04	19.84	20.63	21.43	22.22
11	19.92	20.76	21.59	22.43	23.26
12	20.81	21.69	22.56	23.43	24.31
13	21.70	22.62	23.53	24.43	25.36
14	22.60	23.56	24.51	25.48	26.43
15	23.50	24.51	25.56	26.56	27.56

WD Rates

Grade	Step 1	Step 2	Step 3	Step 4	Step 5
1	13.08	13.62	14.16	14.71	15.25

(Continued on Page 22)

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