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The divisions of General Motors are proud of America's Armed Forces.

That's why from now until the end of the year, your Chevrolet, Pontiac, Oldsmobile, Buick, Cadillac and GMC Truck dealers are offering a Special Military Program to all active U.S. Military personnel and reservists called to active duty during the Persian Gulf War or their spouses.

While these GM divisions already have incentive plans in place that help make it easy to buy a new car or light truck, the Special Military Program makes it even easier.

Under the program, you get three hundred dollars in down-payment assistance, plus any additional down payment you make is matched up to five hundred dollars when you buy a new GM car or light truck and finance it through GMAC. That can mean as much as eight hundred dollars toward your purchase. Add that to existing GM incentives, and you can save even more. The Special Military Program is not available with the college graduate, first-time buyer or overseas vehicle purchase programs. See your participating GM dealer for qualification details.

Many of your comrades in arms have already taken advantage of the GM Special Military Program. So visit your GM dealer today, and see how much we appreciate your efforts.



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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 31, August 15, 1991

August 15, 1991

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WEATHER

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SOLE sets session for front-line users

Al Bucharelli, a member of the Naval Weapons Center's Engineering Department's Integrated Logistics Support Branch (Code 3664), will talk about *Logistics From the Front-Line Users' Viewpoint -- Or Did We Do It Right?* at the Hi-Desert Chater Society of Logistics Engineers' next meeting. The buffet meeting will be held at the Hideaway (313 N. China Lake Blvd.), on Wednesday, August 21, starting at 11:30 a.m.

Registrations should be made no later than Tuesday, August 20. Cost is \$7 per person. For registrations, call Frank Alonge or Bill Wilson at NWC ext. 3441; Tree Crabtree, NWC ext. 3432; or Doug Whittell, 446-7671.

Two CTS briefings offered employees on new systems

There will be two general briefs detailing the new Center Telecommunications System (CTS). The briefings, which will be held in Room 1000 D in Michelson Laboratory, are set for 9 a.m. on August 29 and 1 p.m. on Sept. 4.

Information presented will include overview of the CTS contract, equipment available with CTS, features available with CTS, and the future long distance systems (Autovon, FTS2000).

For additional information, contact Nancy Guglielmo, Code 2712, NWC ext. 1157.

Examples of vision and leadership earn Center's top honor for individual efforts

Extraordinary examples of vision, leadership and creativity helped win L.T.E. Thompson or William B. McLean awards for seven China Lakers last week. Individuals earning these awards are instrumental in the Naval Weapons Center's continued excellence in the field of ordnance and innovation.

Capt. Douglas W. Cook, NWC Commander, and Bill Porter, Technical Director, made the presentations at a luncheon honoring the new award winners.

Winning the Thompson Award this year

were Larry Luxton, Norm Woodall, James Stanford, Alexander K. (Sandy) Rogers and Capt. Cook.

The McLean Award went to Robert Dinger and Marko Afendykiw.

Since 1956, the Thompson Award has been a way to recognize outstanding individual leadership, vision and advancement of the China Lake mission. Individual creativity has been honored by the McLean Award since 1968.

The 1991 presentations were probably the

last to be made on behalf of the Naval Weapons Center and in the present format because of the impending laboratory consolidation efforts.

Capt. Cook, in making the Thompson Award presentations said, "The awards ceremony allows us to go back and reflect on those who came forth and what they have achieved."

Receiving the Thompson Award were:
•Larry Luxton, Code 35. A graduate of (Continued on Page 6)

Gulf actions bring three medals

By Peggy Shoaf
Rocketeer Staff Writer

When people do an exceptional job, they appreciate having their efforts recognized. An award is especially nice, but what about three awards? During a recent ceremony at the Naval Weapons Center's airfield, Lt. Michael Merren of NWC's Aircraft Department, received two Navy Commendation Medals and one Navy Achievement Medal for his exceptional performance with Attack Squadron Forty-Six while stationed onboard the *USS John F. Kennedy (CV 67)*.

As the squadron's training officer, Lt. Merren had to learn the newest capabilities of the high speed anti-radiation missiles (HARM), including new flight programs for the aircraft computer and missile software updates. He used this knowledge in training the squadron's other officers on HARM. In addition, he was called upon to train other squadrons in the area.

"Displaying exceptional skill and resourcefulness, he (Lt. Merren) expertly trained squadron pilots in the employment of the Block III High Speed Anti-radiation missile," read the citation accompanying the Navy Achievement Medal. "Without benefit of a technical representative, he researched and integrated this new capability into the air wing during contingency planning in support of Operation Desert Shield. His outstanding knowledge of this system was

utilized extensively throughout preparations for the Iraqi campaign and resulted in the success-

ful employment of this missile during combat operations. . . . He solved a myriad of technical

problems and maximized the tactical capabilities of the A-7E aircraft," the citation continued.

Operation Desert Shield became Operation Desert Storm. Once again, Lt. Merren's performance served as an example to other Navy pilots.

On Feb. 12, 1991, Lt. Merren served as a section leader on a 28-plane strike to the Habaniyah Artillery Production Facility in central Iraq. "With superior leadership and airmanship, he navigated through numerous surface-to-air missile and anti-aircraft artillery fire, attacking one of the most heavily defended targets in Iraq," read the citation accompanying the first Navy Commendation Medal. "Despite the extensive Iraqi defense, he located the target and with pinpoint accuracy, destroyed one of the three major artillery assembly buildings with four, 1,000-pound bombs. The outstanding success of this strike was a major setback to Iraq's warfighting capabilities and was executed without any losses."

The very next night, the Navy pilot once again took to the skies, this time supporting the first tactical air strike on the heavily defended Al Qaim nuclear fuel production facility in western Iraq. "After carefully planning his mission, Lt. Merren escorted the strike group into several Iraqi surface-to-air missile envelopes, firing two anti-radiation missiles at active sites," read the citation (Continued on Page 4)



EXPERTISE HONORED -- Capt. Douglas W. Cook, NWC Commander, reads one of the three awards Lt. Michael Merren recently received for his superb performance during Operation Desert Shield/Storm. Photo by PH3 Cary Brady

Commentary

NWC Rocketeer

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QUESTION

Twice now there has been a ballroom dance at the Seafarer Club where the Big Band Xpress played. There has been a problem because the dance floor is so small. What defines the dance floor is the carpet in the room. The carpet is cut away from the tiles in one place to make a dance floor. If the carpet was removed entirely from that room, then there would be a really nice dance floor for ballroom dancing. I don't see why the carpet is essential for any other purpose and the cost wouldn't be great. Thank you.

ANSWER

Your concern about the size of the Seafarer Club dance floor is appreciated. While there have been occasions when the size has seemed small, in most instances, the size is more than adequate. In addition, the carpet in the ballroom was laid with glue strips directly onto the tile beneath the carpet. These glue strips have proven to be non-removable after being in place for any length of time. Therefore, it would be necessary to replace the tiles. Unfortunately, the Seafarer is not in a position financially to bear this cost at the present time. If and

Pages from the Past



August 15, 1986

Capt. John Burt took command of NWC this week, relieving Capt. John Patterson; Adm. James Bussey was the guest speaker. . . John Weaver of the Aircraft Weapons Integration Department became the newest Stanford Sloan Fellow from NWC. . . Fred Ashbrook completed 40 years civilian service at China Lake. . . Arthur Black of the Ordnance Systems Department won the NWC Technical Director's Award for his work on Vertical Launch ASROC development.

August 14, 1981

All hands were invited to a no-host welcome aboard reception for Capt. and Mrs. Jude Lahr, NWC's new Commander. . . Weapons integration work brought a NWC Technical Director's Award to Jim McManis of Code 31. . . It was hot last week, a record-tying 115 degrees. . . The Center made good use of 365 summer employees in jobs ranging from secretary to computer programming. . . Code 33 reached the two-million man-hour safety

milestone this year.

August 12, 1966

George Hayes of Code 4513 received his Ph.D in materials science from Stanford. . . COMNOTS, Capt. John Hardy was among the officers from NOTS at the Undersea Technology Seminar held in Long Beach. . . Lt. Virgil Jackson, Lt. Eugene Gilbertson and LCdr. Conrad Ward of VX-5 were honored for combat accomplishments during recent tours in Southeast Asia. . . Richard S. Hughes was presented with two more patents by Frank Knemeyer, head of Code 40.

August 15, 1951

Rickey Kelly, age 3, became the first China Laker stricken by polio this summer. . . Lt. Leo Zok of China Lake won the Class E national skeet championship. . . Joseph Gray, a toolmaker, won a Beneficial Suggestion Award of \$10. . . Lt. Conrad Glantschnig took over as the Station Housing Officer. . . FCC approval was given for the first IWV radio station, to be built near the Blue Jeans Boys Ranch.

when the flooring can be redone, your suggestion will be considered.

An additional factor in the size of the dance floor, no matter what the flooring, is that the number of tables, chairs, serving stations, etc. is determined by the number of people in attendance and greatly affects the available space for dancing.

QUESTION

I have a question about the National Anthem that is played every morning at 8 a.m. I was warned to stand still when it was playing. I understand that is the correct procedure, but I noticed there are a lot of people who ignore it. I want to know what the proper procedure should be. I would appreciate it very much.

ANSWER

Colors are held every morning at 0800 and every evening at sunset. This daily ceremony is held in front of the Headquarters building and at the Marine Aviation Detachment. During colors, military and civilians within sight or hearing traditionally render honors. If outside, you should cease work, face the colors and salute until the last note of the anthem. If in civilian clothes or athletic gear -- stop and face the colors at attention. If a hat is worn, it should be removed and held in the right hand, over the heart. If no hat is worn, you render honors by holding the right hand over the heart. A woman in civilian clothes, with or without a hat, should stand at attention and place her right hand over her heart. Drivers of motor vehicles should pull over and stop if traffic safety permits. Regrettably, certain individuals choose to ignore our traditions and rituals.

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

Wednesday, August 21

. . . China Lake Women in Science and Engineering's presents *Listening to the Future* (by Sterling Haaland), 11:30 a.m., Carriage Inn Banquet Room.

. . . SOLE monthly meeting, 11:30 a.m., at the Hideaway, Al Bucharelli, Code 3664, guest speaker.

Friday, August 23

. . . Junior Professional Potluck Picnic, 5:30 p.m., Solar Park.

Monday, August 26

. . . RF Safety Class, NWC Training Center, 7:30 a.m. & 12:30 p.m.

Thursday, August 29

. . . CTS briefing, 9 a.m., Room 1000D, Michelson Lab.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

ROCKETEER CLASSIFIEDS

1 PERSONALS

GUITAR LESSONS - Study with GIT Graduate & Instructor. Beginners to advanced. 371-7934.

MATH TUTORING, from grade school through high school. Success guaranteed. \$15 per hour. Call 371-9930.

5 LOST & FOUND

\$200 REWARD for the return of or info leading to the recovery of small white toy poodle. 17 mos. old, 6 lbs female. Name is Monique. Medical problems, needs medication. Vicinity of NWC Solor Park, Aug 3. Call Leonard 375-5196 or 375-5232.

FOUND 7/27 - Solid white bunny, approx 3 mos old. Found on Ashworth Place. Call to claim. 446-6239.

10 HAPPY ADS

CALL NOW! Booking parties for Christmas Around The World. Get \$50 free merchandise just for having a party. 446-6251.

OH HOW NIFTY, LOOK WHO'S FIFTY!



JIM BRADBERRY
Aviations Supply's Over the Hill Desert Rat



15 HELP WANTED

IMMANUEL CHRISTIAN SCHOOL Needs a teacher for one class of Introductory Chemistry for the 91-92 school year. Call 446-6114 for further details.

TREAT YOURSELF TO SOMETHING SPECIAL! Hold an Undercover Wear Lingerie Show and earn free lingerie for yourself and loved ones. Call for details. Sonja, 446-7172.

YOU CAN MAKE over \$50,000 per year and be your own boss. No experience necessary. Call 371-3930.

20 RENTALS

1 BDRM., 1 BATH
Pool/walk-in closet/refrigerator
\$375/month
ERA VAUGHN REALTY
446-6561 or 371-2414

CLEAN TRIPLEX APT. 2BR, 1BA, 1 car gar., refrig., d/w, gas range & oven, w/d hookups, FP, water pd. \$480/mo. + sec. dep. neg. 1 pet OK. 371-1144.

EXECUTIVE HOME, hot tub, nice area. Unfurnished \$1,000/mo. Furnished \$1,500/mo. Avail. 9/15. ERA Vaugh Realty 446-6561.

LARGE 1BR APT - Carpet, drapes, appliances. W/T paid, laund. fac. on premises. Close to shopping & main gate. \$325/mo. + \$250 sec. Avail now. 377-5960.

ROOMMATE NEEDED IMMEDIATELY! FEMALE ONLY! Have own room and bath. \$214.50/mo. + dep. and 1/3 util. Pool, Jacuzzi access. 1 child OK. 371-3975, leave message.

U HAVE 2 PVT RMS & Bath, furn or unfurn. Use of all H/H appliances, separate refrig & micro. \$300/mo. includes all utilities, basic cable & phone w/ans service. Male or female, non-smoking, no pets, no deposits. Walk to shopping. Walt or Rosie, 446-6710.

30 SERVICES

the Dirty Blind Lady
Ultrasonic Blind Cleaning
371-7740

BABYSITTING - Full or part time. Days, nights, & evenings avail. Reasonable fees. Call Denise at 446-4689 for more info.

CHILD CARE IN MY HOME - Preschool and school age. Around the corner from Richmond Elementary. Drop-ins, part time & full time. Base certification pending. 446-1012.

EDWARDS PAINTING SERVING THE AREA SINCE 1979 CALL FOR AN ESTIMATE. LIC. #427485 375-1439

FAMILY HOME DAYCARE - license pending, base certification. 4 openings over 2. Call Tammy 446-7136.

Lawn/Yard Quality Maintenance, clean-ups & sprinkler repair. Rancho Trails Landscaping. Lic. #432532. 371-4630.

WINDOW TINTING - Auto, commercial, residential. Special for many trucks. Single Pane rear window - \$25. Call Larry, 446-6612.

30 SERVICES

PARENTS NIGHT OUT! Fri & Sat nights. Bring your kids to my house, then pick them up the next morning. Base Certification pending. 446-1012, ask for Chris.

35 AUTOMOTIVE

1962 3/4 TON FLAT BED 4 WD Jeep. Rebuilt motor & trans, needs glass. \$900. 377-5234.

1987 Ford Tempo. All wheel drive, 4 door, 48K, automatic, PS, cruise, tilt, A/C, AM/FM cassette, tinted windows, luggage rack. \$5,500 OBO. 375-0411.

85 FORD ESCORT - 4 speed w/air. \$2,200 OBO. 446-3955.

86 MAZDA B200 LX - 63K miles, mags, shell, PS, bedliner, excellent condition. \$4,000 neg. MUST SELL! 446-4689.

CLUTCH SET - Brand new. Will fit 76-78 Honda Accord CVCC w/5 speed transmission. \$75. 375-6055.

Coleman Scanoe (Boat), 15', holds up to 600 lbs. with Minakota 5 forward & 5 speed reverse electric motor. \$400. 377-5234.

FOR SALE: 1984 Ford Temp, auto, trans., all new rubber, body in fine shape, interior excellent, AM/FM cassette. Needs some engine work. Asking \$1,000 OBO. Call 374-2407 after 5 weekdays, anytime weekends.

40 MISC. FOR SALE

17X12 CREAM & TAN CARPET, \$100. Baby swing, \$20. After 5pm, 371-1040.

2 large solar panels for hot water, no glass, \$100. 377-5234.

8 pair of real wood window shutters. 377-3111.

DITCHWITCH TRENCHER C-90, rebuilt motor, many new parts and steel tilt bed trailer. \$1,700. 377-5234.

Kenmore 700W large microwave, multi power/stage, auto time/temp cook, auto def., turntable. \$125 OBO. 375-0411.

Kenmore Ultra Stitch 12 sewing machine. Buttonhole, zig zag, etc. \$50 OBO. 375-0411.

Keyboard, Yamaha DSR 2000, 100 voices, programmable MIDI, rhythms, Ram Card memory, instruction manual, 5 channel recording capability. \$695 OBO. Call Cindy 375-7971.

START YOUR OWN Sewer and Drain Cleaning Business. For sale - Nearly new (used 5 times) Electric EII Sewer equipment. Set up in a 65 Ford Econoline Van, \$3,000. Call 377-5234.

40 MISC. FOR SALE

Vivitar 35mm Camera. 28mm, 50mm & 135mm lenses, flash, filters, hoods & case. \$95 OBO. 375-0411.

Westinghouse refrigerator, avocado green, 22 cu. ft. \$140 OBO. 446-2968.

World Progress Encyclopedias, \$200. Jenny Lynn baby crib, \$50. 3 cockatiels w/cage, \$75. Shephard/husky, 1-1/2 yrs., free. 446-7666 after 3 p.m.

PECAN DINING Room set: table, six cane back chairs, server, glass door hutch, \$500. King size waveless water bed. Bookcase headboard, six drawer base, \$300. Whirlpool elect. dryer, \$75. Green refrig, 2 door, \$75. 26" ladies Peugeot bike, \$100. Dog kennel, \$20. 446-6823.

Sofa sleeper \$75; love seat \$50; end table \$10; girls desk \$25; crib \$110. Call 446-04432 or see Fri. & Sat., 309 Sellars Cir. (Base). All prices negotiable.

45 GARAGE SALES

2 FAMILY GARAGE SALE - 7:30am-7:30pm, Sat & Sun. 241 E. Ujohm.

4 FAMILY GARAGE SALE - 312 W. Perdew. Sat. 17th & Sun 18th, 8am-2pm.

The Daily Independent
375-4481

55 REAL ESTATE

50 PETS/SUPPLIES

Black Lab Puppies, AKC registered. Sire champion show pedigree, Dame champion field pedigree. \$250 each. Male & female. 446-2252.

ROTTWEILER, male, 1-1/2 years old. Great dog, great with kids. \$300 OBO. Must sell!! 446-5544.

TWO ADULT CATS - Free to good home. 446-5855.

55 REAL ESTATE

3BR 2BA HOME on 4 acres. Property also has 21'x26' shop and two mobile home spaces. Six miles North of Inyokern on Brown Rd. \$85,000. For appt. call 377-5234.

NWC Rocketeer
The 'Voice' of NWC for all of China Lake Community.

For more information or to place a display ad call
375-4481

The deadline for display ads is Mon. 4 p.m.

55 REAL ESTATE

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143 Panamint 371-1641
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Community events

Members of the Cerro Coso Community College (CCCC) Coyote Boosters invite all prospective members to a fun-filled friend-raiser mixer and a preview opening of the new multi-use physical education facility at the College tonight, **August 15**, at 6:30 p.m.

In addition, the CCCC Coyote Boosters are on the prowl for new members. A Blue Membership, which costs only \$100, entitles members to free admission to all home games (with reserved seats); a free Coyote t-shirt, hat and button, Coyote Booster Newsletter; and recognition in the Coyote Basketball home game program. A Silver Membership, which costs \$250, entitles members to free admission to all home games (with reserved theatre-type seats with an engraved plaque on the back); free Coyote Booster Newsletter; recognition in the Coyote Basketball home game programs; and special recognition at the Coyote Banquet.

For more information, call 375-5001, ext. 230.

###

On **August 17**, the Maturango Museum will present a Saturday Adventure at 2 p.m. Bill Sims, retired school principal, will entertain pre-schoolers with his tale of *Narcissus*. While this program is especially geared towards the younger set, parents are encouraged to come out and enjoy this program. Saturday Adventures are free with admission to the museum.

###

Beginning **August 17 through Sept. 11**, a series of acrylic paintings entitled *Nature to Infinity* by Los Angeles artist Norma Jean Squires will be displayed in the Sylvia Winslow Gallery of the Maturango Museum. A preview reception for members only will be held Friday evening, August 16, from 7 to 9 p.m. at the gallery.

###

Members of the Fil-AM Association of Indian Wells Valley, invites the public to attend their potluck dinner on **August 17** at McBride Park. The fun will last from 12 noon to 6 p.m. To participate, just bring a favorite dish. For more information, call Conrad Mangapit at 446-5958 or Sylvia Estrada at 446-4138.

###


Learn to access and use memory in fiction or non-fiction writing during the upcoming *Writer's Workshop*. Instructed by Paula Bryant Pratt, M.A., writer and former editor, the class will be held in the Ready Room at the Heritage Inn on Saturday, **August 31**, from 10 a.m. to 3 p.m. Cost is \$20 per person. To pre-register, call the instructor at 371-4744.

###

Introduction to Creative Writing, a Burroughs High School Adult School class taught by Paula Bryant Pratt, will be held on Wednesday evenings from 6 to 9 p.m. starting **Sept. 4**. This class will cover fiction, poetry and non-fiction writing in a stimulating, relaxed, non-threatening academic environment. High school English credit is available. All ages are welcome. For more information, call 446-4561 or 375-4511.

###

Ridgecrest Exposed can be viewed in the Sylvia Winslow Exhibition Gallery of the Maturango Museum beginning **Sept. 14**. Artists Dolph Amster, John Dunker, Mark Pahuta and Linda Sappington will show their own unique vision and interpretation of Ridgecrest as seen through the eyes of a camera. A reception for museum members and the artists will be held Sept. 13 from 7 to 9 p.m. The show ends Oct. 9. Admission to the museum is \$1 for adults and 50 cents for children. There is no charge for museum members.



Meeting at the
Masonic Lodge
625 N. Norma
WORSHIP 8:30am & 10:30 am
Child Care Provided (0-5)
Sunday School (1st-6th Grade)
Pastor Michael Godfrey
Office: 751 S. Richmond P.d.
Suite B 375-8131

CLWISE plans luncheon meeting on August 21

Join the China Lake Women in Science and Engineering (CLWISE) during their bimonthly luncheon at the Carriage Inn Banquet Room on August 21 from 11:30 to 1 p.m.

Sterling Haaland, NWC Laboratory Directory will present *Listening to the Future*. RSVP by 4 p.m. on August 19 by calling NWC ext. 4770.

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Military News

Commissary doing very well

Patrons saving an average of 27.3 %; business up over 10%

With customers saving an average of 27.3 percent, it is no wonder the Naval Weapons Center's Commissary is continuing its remarkable record of success, notes the store's manager, Senior Chief R. B. Binaoro.

"During the first three months of Fiscal Year 1991 (October through December), total averaged sales increased up to 13.79 percent," he said. "These are impressive figures for any military Commissary system."

In spite of budget cuts and cutbacks in personnel hours, SHCS Binaoro said NWC Commissary personnel are still providing a high level of customer service and keeping a wide selection of merchandise to choose from and the shelves stocked. "NWC Commissary staff and store personnel have demonstrat-

ed extreme dedication and great performance in the past year," he said. "I'm proud of their contributions and deeply appreciate their fine service."

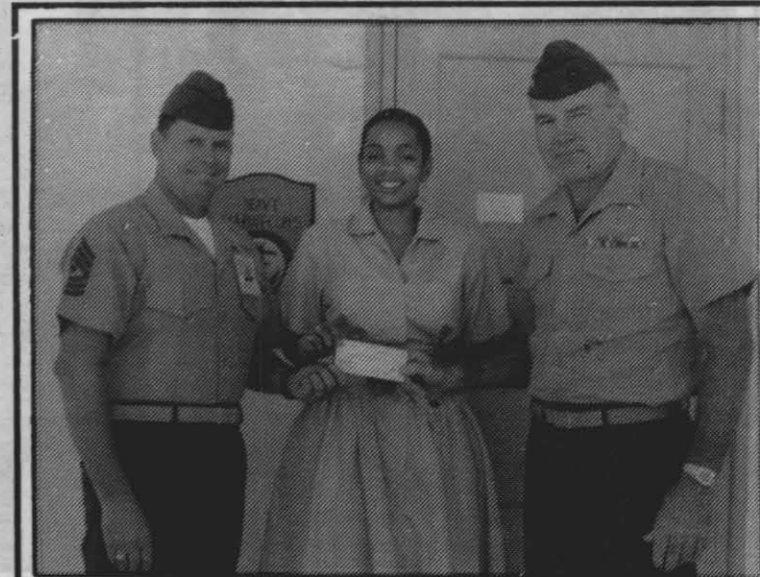
SHCS Binaoro also attributes an expanded line of items and longer hours to the store's success. "When we become part of the Defense Commissary Agency (DeCA) on Oct. 1, there will be a lot more changes," he said.

According to Maj. Gen. John P. Dreska, DeCA's head, the number of health and beauty aids carried in the 418 stores it will operate will increase by 50 percent, and store hours will be expanded to accommodate the working families. Items not in demand will be replaced by items customers want.

DeCA's ultimate goal is to be the best run grocery chain in America by October, 1996.

NWC Commissary Status Report

	FY 1990	vs.	FY 1991	% Increase
Sales				
1st Quarter	\$746,991.13		\$850,248.17	13.79%
2nd Quarter	\$753,515.92		\$827,880.81	9.80%
3rd Quarter	\$769,343.37		\$838,996.18	9.22%
Patrons				
1st Quarter	24,005		26,681	1.11%
2nd Quarter	23,501		25,903	1.02%
3rd Quarter	27,005		27,757	.28%



HELPING OUT -- Col. J.R. Agenbrood, MAD's CO, and 1st Sgt. R.L. Hatley presents Kathie Gorham, the Navy-Marine Corps Relief Society's chairman of volunteers, a check for \$100. The money was raised through the Marine's recent car wash. "This is one way the Marines can say 'thanks' to the Navy-Marine Corps Relief Society for being there when we needed you," said Col. Agenbrood. Photo by PH3 Cary Brady

Clothing allowance increases Oct 1

Washington (NNS) -- The Clothing Replacement Allowance (CRA) will increase Oct. 1, 1991, to reflect the new prices of government issue uniform items. Most government issue items will increase slightly while others will decrease. The Defense Personnel

Support Center (DPSC) revises uniform prices annually based on contracting costs.

CRA increase on men's items will be 3.8 percent, with the women's increase of 7.9 percent reflecting the cost of the new jumper white uniform.

New education program

WASHINGTON (NNS) -- Two new programs for education assistance were announced recently by the Navy-Marine Corps Relief Society. These new programs are for children of active duty sailors and Marines.

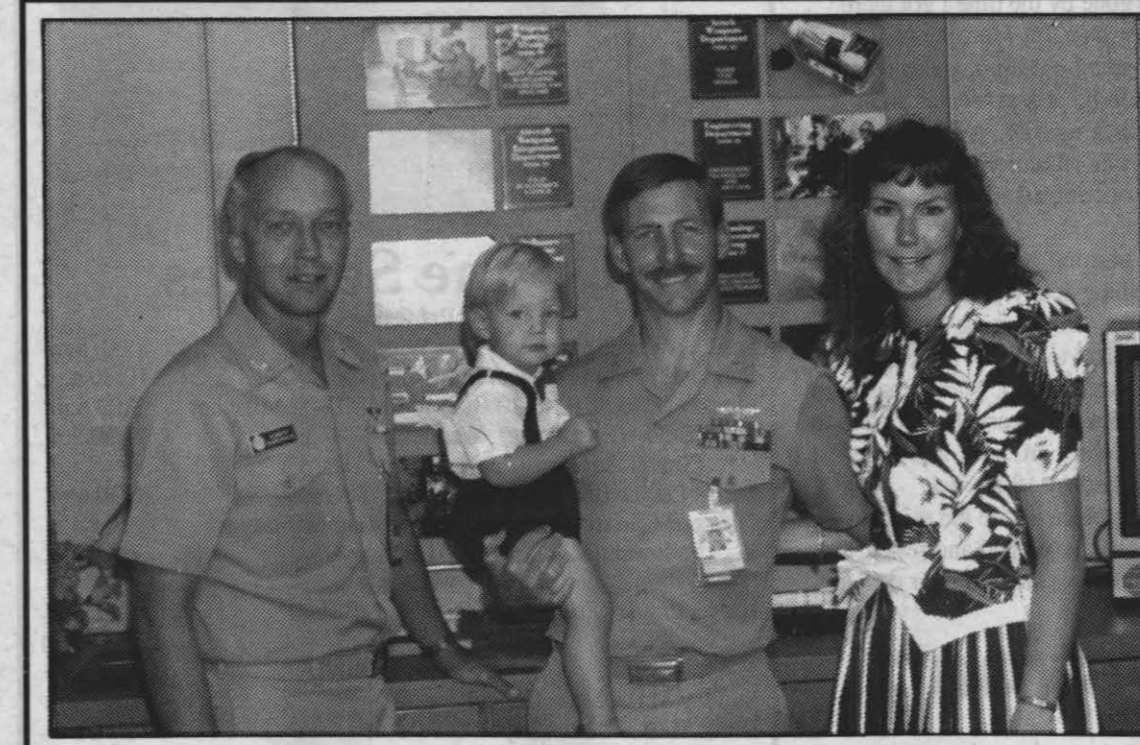
Grants and interest-free loans will be made available to children of active-duty personnel to help finance post-secondary education. The programs will help fill the gap often resulting when student do no quality for federal programs. NMCRS will determine need using modified requirements, and expects many families to qualify.

A grant of \$2,000 per year will be awarded to qualifying sons and daughters of members under the

Education Grant Program. The Parent Education Loan Program may be used to get up to \$3,000 per academic year for families which qualify. The loan will be repaid by allotment. Both programs should be in place for the 1992-93 school year.

In response to hundreds of donor requests to designate contributions solely for educational assistance, the Society has established an "Education Fund." Donations from individuals qualify as tax-deductible.

For more information and application materials for these new programs, write to NMCRS Headquarters, Education Department, 801 N. Randolph St., Suite 1228, Arlington, VA 22203-1989.



LCDR DAD -- 18-month-old Adam Roberts joins his mother, Kim, and Capt. Bob Kapernick, deputy laboratory director in congratulating dad, LCdr. James W. Roberts, on his recent promotion from lieutenant. LCdr. Roberts supervises two other project pilots as head of the ARM Fleet Effectiveness and Suitability Office, Code 35A04. Photo by PH3 Cary Brady

K Mart donates Toys for Tots

Christmas came early this year when K Mart donated eight boxes of toys to this year's Toys for Tots Campaign. Each year, the Marines from the Marine Aviation Detachment at China Lake collect toys to disperse to

children in the local community who would perhaps have to do without.

Thanks to the generosity of K Mart, the Marines have a nice jump on this year's campaign. "This type of community

involvement is what makes the Toys for Tots drive such a success," said 1st Sgt. Hatley, coordinator of the local event. "This gives us a great head start toward brightening Christmas for hundreds of kids in the area."

Photo contest open to pros and amateurs

U.S. Naval Institute and Eastman Kodak Company has announced their 30th Annual Naval & Maritime Photo Contest. The contest is open to both amateur and professional photographers. For more details call (301) 268-6110.



SPECIAL AWARD--Dwayne Harms (right) of NWC's Advanced Systems Division presents a plaque of appreciation to CWO2 Art Allington (left) and CWO2 Bob Hoffman of NWC Reserve Unit 0176. Harms, the Skyray Project manager, made the presentation to the reservists for their work on a special projects team. They conducted studies for the Skyray effort resulting in better understanding of fleet needs. Photo by JOC Carolyn Dettling

Pilot honored for Gulf actions

Continued from Page 1

for the second commendation. "His expert employment of his aircraft and missiles allowed the strike aircrew to inflict heavy damage on the target without any losses. The outstanding success of this mission severely degraded Iraq's future potential for nuclear weapons production."

During his seven and a half month tour, Lt. Merren flew 21 missions into Iraq and Kuwait. "Our main jobs were to suppress the enemies' surface-to-air missile systems to bombing actual sites, including locations where the Republican Guard were," the lieutenant said.

The first night strike into Bagdad was an eerie experience, one the lieutenant will probably never forget. "We didn't know what to expect defense-wise," he said. "And since we were flying at night, without lights, we couldn't see much. There was a report of an enemy aircraft in the location where I was suppose to go, which caused some tense

moments, but he was gone by the time I got there."

During the actual strikes, Lt. Merren noted there wasn't time to do anything but think about what he had to do. He needed to be at a particular point at a certain time to launch a missile, protecting those who came after him. If he let worry or anything else interfere with his concentration, someone else would have suffered.

Lt. Merren noted training in electronic warfare was handy. While nothing really prepares someone for wartime experiences, the training "prepared us well to handle what we had to do," he said.

A Naval Academy graduate, Lt. Merren has been in the Navy for five and a half years. He reported to the Naval Weapons Center in June and has just completed training on the F/A-18 Hornet.

"I'm glad to be at the place where the missiles we used during the war were developed and tested," Lt. Merren said. "Now I'll have a hand in their development."

Personnel funds stay strong

WASHINGTON (NNS) --Defense Authorization bills passed by U.S. House of Representatives and Senate differ on some major weapons systems and other points, but they agree on key personnel programs benefitting Navy men and women, says Chief of Naval Personnel, VAdm. Mike Boorda.

"There is a lot of good news for sailors in this legislation," says the admiral. "For example, both the Senate and the House have agreed to a 4.2 percent pay raise for Navy people in January. -- that one's for sure."

Both houses of Congress also agreed to make permanent several benefit increases prompted by Operations Desert Shield/Storm, including family separation pay (increased to \$75 a month), imminent danger pay (increased to \$15 a month) and death gratuity payment (doubling to \$6,000).

Perhaps most important to Navy people, both houses "validated the Navy's approach to downsizing," according to VAdm. Boorda. "They agree with the reduction strategies that the Navy is following -- that, to totally avoid involuntary separations for career people."

The few remaining differences between the House and Senate bills are expected to be settled by a joint committee when Congress reconvenes.

According to the admiral, the message for all Navy people from the latest action on the Defense Authorization Bill, is, "We have a real good personnel program on line for next year -- one that will let us continue to promote about the same percentages, with no involuntary separations, a solid SRB program, a good PCS program and a 4.2 percent pay raise."

Navy Exchange offers new fall mail order book at Uniform Shop

The new 1991 Fall/Winter military exchange mail order catalog will soon be on sale at the Navy Exchange Uniform Shop for only \$3 per copy. The catalog includes a coupon good for \$5 on a purchase of \$25 or more, so the customer recoups the cost of the catalog and even gets some money back!

This year's catalog features more than 500 color pages of products from around the globe. The all service publication is the only one of its kind and allows fingertip international shopping opportunities.

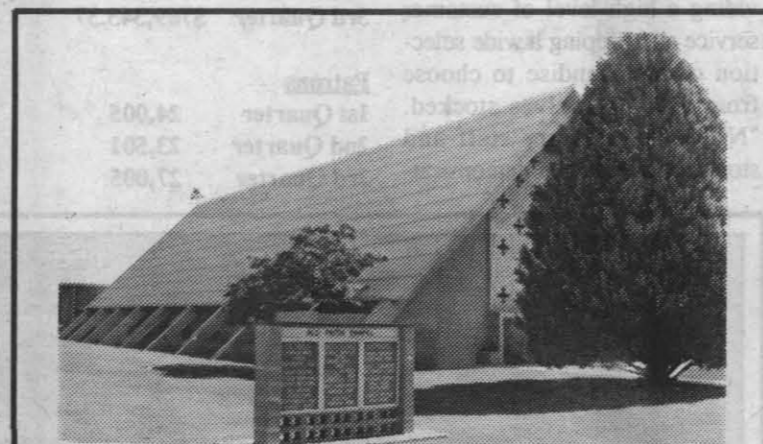
Shopping has never been so easy and fast.

Back-to-school sales in the NEX

School days are coming up quickly and the Navy Exchange (NEX) is ready to help with its *School Days Specials*, which ends August 17. This savings event features everything to help prepare the whole family for the fall season.

First on the list is school supplies. Join the Navy Exchange Earth Friendly program by selecting Green Leaf school supplies made from recycled paper. Choose from notebooks, legal pads, computer paper and envelopes.

Going off to college is easy with NEX values on sheets and towels in every color and style. There are also great buys on a dorm size refrigerator and microwave. Plus, find lots of savings on small appliances such as irons, hand held vacuums, toasterovens and even word processors and computers.



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 Blandly & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1002 Blandly)	1 p.m. (DST) 12 p.m.(ST)
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 Blandly, 1008-10 Blandly & 1903-05 Mitscher	
Jewish	
(375-0385 Messages)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) (September thru June)	3:00-5:00 p.m.
Religious Education (Sunday, East Wing) (September thru June)	9:00 a.m.-12 (noon)

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Chico announces upcoming courses

(Continued from Page 20)

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: Principles of system modeling, simulation models and languages, discrete systems, industrial dynamics, use of probability concepts, queueing patterns, case studies.

Text: *Modern Statistical, Systems and GPSS Simulation*. Zaven Karian and Edward Dudewicz. Computer Science Press, 1991.

CSCI 151: Algorithms and Data Structures (3 units)

August 26-December 18, Mondays and Wednesdays, 1130-1245; Training Center (videotape). By Professor Melody Duncan, CSUC, (916) 898-4022. Lab, which will be conducted by Howard McCauley, NWC ext. 2274, will be held on Tuesdays from 5 p.m. to 6 p.m. at the Training Center.

Prerequisite: CS16: Advanced Pascal or equivalent or consent of instructor.

Scope: This course provides instruction on the representation, application and processing of data structures as they relate to information representation, parameter passing, recursion, assemblers, compilers, operating systems and machine organization. Topics include lists, trees and graph. An analysis of algorithms is also discussed.

Text: TBA.

Note: This is a core course in the bachelor's degree program in computer science through CSUC. This is a required foundation course for the master's degree

program in computer science through CSUC.

MATH 477: Linear Algebra (5 quarter units)

September 12-November 14, Thursdays, 1610-2110; Training Center. By Professor El-Ansary, CSUB, (805) 664-2130.

Prerequisite: Calculus III or consent of instructor.

Scope: Matrices; systems of linear equations; vector spaces, dimensions, linear independence;

spaces associated with matrix; basis, change of basis, orthogonal bases; linear transformations, matrix representation; eigen values and eigenvectors, diagonalization; quadratic forms.

Text: TBA.

Note: This is a required course for the bachelor's degree program in computer science, and a required foundation course for the master's degree program in computer science through CSUC.

Learn how to care for the elderly

Caring for Elderly Loved Ones (2.5 hours) -- August 21, Wednesday, 1530-1800; Training Center. By Charla Green.

Scope: For those who are, or might be, responsible for the care of an elderly relative or friend. A variety of living arrangements and community services will be discussed. Some common medical and financial concerns will be addressed, as well as legal aspects. Charla will discuss lifestyle changes, emotional problems and sources of support for both the caregiver and the loved ones. Ample time will be provided for questions.

Enrollments are on a walk-in basis only. No training request is required. Space is limited. For more information, call the Wellness Program Office, NWC ext. 2468.



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CSUC fall class schedule revealed

Following are courses being offered this fall for the California State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at NWC ext. 2648. Registration will be held at the first class meeting. **Deadline for enrolling is 10 calendar days before the starting date of the class.** Enrollments in courses will be on a first-come, first-served basis, unless otherwise indicated. **CSCI 310: Software Metrics and Control (3 units)**

August 27-December 19, Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By Professor James Murphy, CSUC, (916) 898-4037.

Prerequisite: CSCI 210: Software Engineering or CSCI 270: Systems Design or equivalent or consent of instructor.

Scope: Software development: planning, cost estimation and control. Software metrics, configuration management and quality controls. Reviews and walk throughs.

Text: 1) *Fundamentals of Software Engineering*. Carlo Ghezzi, Mehdi Gazayeris and Dino Mandrioli. McGraw-Hill, 1991, first edition. 2) *Managing Software Development Projects*. Neal Whitten. John Wiley and Sons, 1990. 3) Required supplemental papers will be distributed. **CSCI 382A: Information Theory (3 units)**

August 27-December 19, Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By Professor Melody Duncan, CSUC, (916) 898-6480.

Prerequisite: Calculus and some familiarity with methods of proof, elementary probability theory or consent of instructor.

Scope: A mathematical theory of communication dealing with the efficient encoding and trans-

mission of information. This theory can provide the systems analyst or telecommunications specialist with some of the basic tools to design optimal systems.

Text: *Coding And Information Theory*. Richard Hamming. Prentice-Hall, second edition. **CSCI 397C-11: Theory of Object-Oriented Programming Languages (3 units)**

August 27-December 19, Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By Professor Paul Luker, CSUC, (916) 898-4414.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: The course will concentrate on the nature of object-oriented programming languages (OOPLs). In particular, the course will focus on the typing philosophy of OOPLs and the concomitant effect on polymorphism and implementation. Other implementation issues, as they relate specifically to OOPLs, will also be investigated.

Text: *An Introduction to Object-Oriented Programming*. Timothy Budd. Addison-Wesley, 1991. **CSCI 250: Compiler Theory (3 units)**

August 27-December 19, Tuesdays and Thursdays, 0930-1045; Training Center (via satellite). By Professor Orlando-Madrigril, CSUC, (916) 898-6442.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: Language definition and descriptions, Syntax structures, parsing, extraction of elements, symbol table construction, memory allocation, control statements, I/O lists, code generation, error detection and diagnostic generation.

Text: 1) *Compilers: Principles, Techniques And Tools*. Aho, Ullman and Sethi. Addison-Wesley. 2) CSCI 250: Compiler Theory class notes will be provided at cost.

Note: This is a required course in the bachelor's degree program in computer science for the general and systems options.

CSCI 227: Discrete Systems Simulation (3 units)

August 27-December 19, Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By Professor Ralph Huntsinger, CSUC, (916) 898-5740.

(Continued on Page 21)

Secretaries needed

(Continued from Page 18)

318-2/3 - This position is located in the Intercept Weapons Department, Missile Homing Improvement Program (MHIP), Code 39B3. The incumbent will provide secretarial and administrative support to the department. Duties include plant property, personnel, small purchases, travel and contractual monitoring. Proficiency on a Macintosh and Xerox Memory typewriter is desirable, but not required. Promotional potential to DG-3, but not guaranteed.

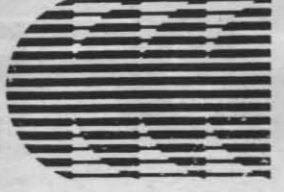
No. 64-037, Secretary (Typing), DG-318-1/2, Code 6436 - This position is located in the Threat Simulator Systems Branch of the Radar and Threat Technology Division of the Aerosystems Department. The incumbent provides secretarial and administrative support to the Branch Head. Experience using the Macintosh is desirable. The incumbent must be able to obtain and maintain a Secret clearance.

CSUB counselors visit

Academic counselors of California State University, Bakersfield (CSUB), will be on-Center Sept. 13 to advise current and prospective students in external degree programs offered by the school at NWC.

The school offers a bachelor's degree program in business administration and a master's degree program in administration.

To make an appointment to see one of the counselors, call Denise at NWC ext. 2648.



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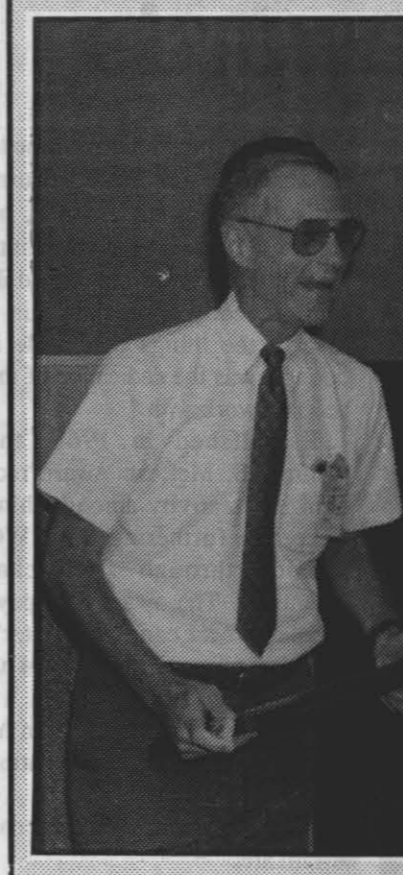
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Milestone for NWC's Dick Boyd

FORTY YEARS—Challenges from a rewarding career continue to mark the 40 plus years spent at the Naval Weapons Center by Dick Boyd. Now head of the Range Department, Boyd began his China Lake career as an engineering aide in 1951 with NWC's predecessor organization, the Naval Ordnance Test Station. During his 40 years at the Lake, Boyd has been involved with such programs as Sidewinder, BOAR and Chaparral. In addition, he qualified as pilot for MORAY, a research submarine developed by Dr. W.B. McLean, former NWC Technical Director. Boyd has headed Code 62 since 1981. Prior to becoming the department head, Boyd was associate head of the Electronic Warfare Department. Capt. Douglas W. Cook, NWC Commander, presented Boyd with the 40 year service certificate and pin.

Photo by PH3 Cary Brady.

Center JPs set potluck picnic on August 23

Junior Professionals and Co-op employees at the Naval Weapons Center, and their friends and families, are invited to attend a summer potluck picnic on Friday, August 23, at Solar Park from 5:30 to 9 p.m.

This event will provide an opportunity for NWC entry-level employees to meet each other and have a good time. The JP Recreation Committee will provide a portable stereo, ice and soft drinks, along with plates and silverware. Participants are asked to bring a covered dish or snack to serve six, as well as games, tapes and CDs. Lifeguards will be on duty for those who care to swim.

For more information, call Pat Baczkiewicz at NWC ext. 3371.

Radar patrols

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

Kerry B. Swiggum, operations branch, said areas of concentration for radar enforcement are:

- Friday -- Lauritsen Road.
- Monday -- Poleline Road.
- Tuesday -- Burroughs Avenue.
- Wednesday -- Randsburg Wash.
- Thursday -- CLPL Road.

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

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DIS drops computer form of questionnaire

Only official DD 398 now allowed by agency

When personnel are being considered for a Top Secret clearance, they are required to submit a Personnel Security Questionnaire, DD Form 398. For some time now, computer generated DD Form 398s have been used by Center employees. However, effective immediately these forms will no longer be accepted by the Defense Investigative Services (DIS).

According to DIS, this action was taken because some of these forms are not complete. While this has not been a problem with the NWC forms, DIS has decided not to accept any computer generated forms.

As a result of this decision, individuals who have submitted computer generated DD Form 398s may be required to resubmit on the official DD Form 398. If a DD Form 398 is returned by DIS, members of Code 2433 will contact the appropriate person and provide an official DD Form 398. People contacted by Code 2433 are asked to respond as quickly as possible. Delays in resubmitting the correct forms will delay final clearance.

For more information, call Jim Pinnell, NWC ext. 3156.

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Seven win Thompson or McLean awards

(Continued from Page 1)

South Dakota and Colorado State universities, Luxton has been with NWC since 1970 and currently heads the Anti-Radiation Missile Office in the Attack Weapons Department. He was selected for the award in recognition of engineering expertise, management ability and outstanding leadership in such programs as HARM and Low-Cost Seeker. In accepting the award he said, "I've worked with a great bunch of people over the years."

•**Sandy Rogers, Code 39.** Rogers earned degrees from Pomona College and North Carolina State University before coming to NWC as a junior professional in 1965. As head of the Sparrow Program, associate department head and acting head of the Intercept Weapons Department, Rogers demonstrated exceptional abilities in finding creative solutions to diverse problems. He was also cited for efforts in furthering the technical leadership role of NWC. Unable to attend due to a prior commitment with the Boy Scouts, Rogers' wife, Fran, accepted the award on his behalf.

•**James Stanford, Code 38.** Earning his degrees, including a Ph.D. in physics from the University of Tennessee, Stanford joined NWC in the Physical Optics Branch of the Research Department in 1967. He is the coordinator of NWC's program on the exploitation of high critical temperature superconductors. He was also recognized for outstanding technical and administrative leadership in optical materials and devices, electromagnetic radiation and high-energy laser optical components. "I've had lots of challenges and opportunities with NWC. I'd like to acknowledge my mentors from the early days, my peers and the young people

who constantly challenge and stimulate those of us who have been here for a while."

•**Capt. Douglas W. Cook, Code 00.** The Center Commander for two years was the surprised recipient of a Thompson Award. He was cited for outstanding leadership, enterprising thinking and perceptiveness. The citation also said, "you have been the impetus needed to meet the ever increasing

demands of tomorrow." A graduate of the George Institute of Technology and Naval ROTC, Capt. Cook joined the Navy in 1965 and came to NWC from the Space and Naval Warfare Systems Command. He said, "I recognize that I am supported by an absolutely top management team. To be recognized is a distinct honor."

•**Norman Woodall, Code 39.**

Since coming to NWC after graduating from Iowa State University in 1962, Woodall has worked in many important NWC programs, including Sidewinder and the Advanced Common Intercept Missile Demonstration Program. Last year, he took over a high priority effort to upgrade the Sidewinder AIM-9M capabilities. Under his leadership, a critical modification was designed, tested

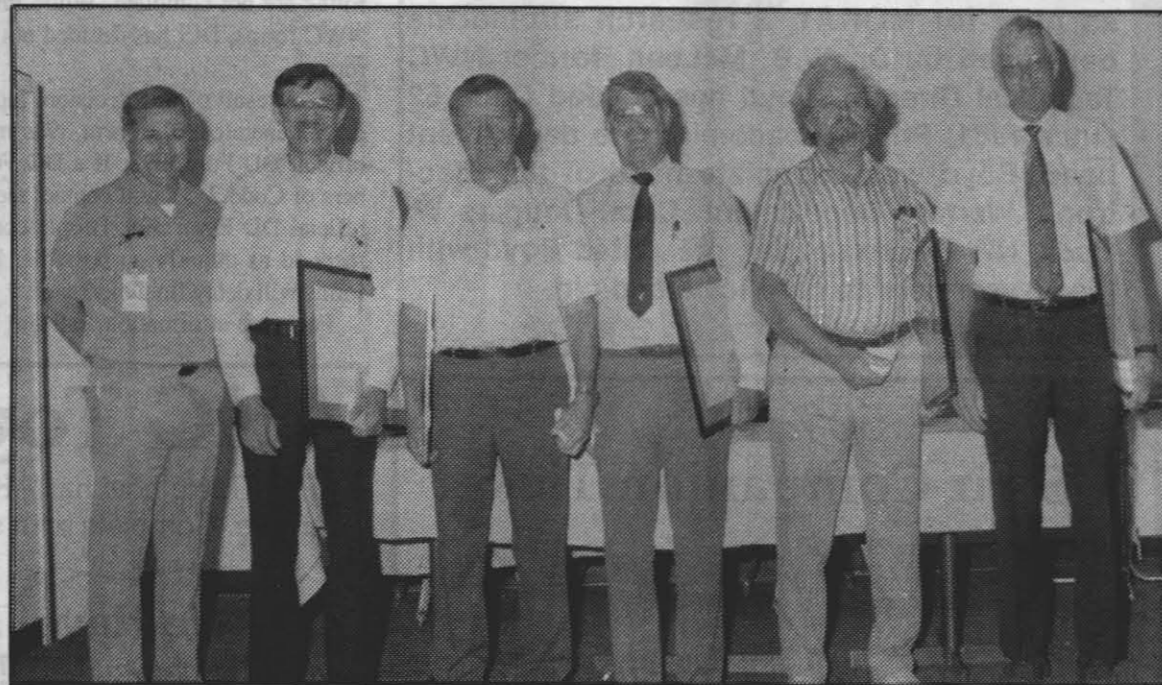
and put into production in time to be available for Desert Storm early this year. In essence, he condensed a two-year effort into five intense months. Woodall said, "I really appreciate this...one of the things that made it possible was the dedication of the people I work with."

Established in 1968, the William B. McLean Award recognizes creativity among China Lakers in furthering the NWC mission through significant inventions. The award also pays tribute to McLean, the Center's technical director from 1954 to 1967. His work included 18 patents as well as times when he was co-inventor or the invention was never patented.

Winners of the 1991 McLean Award are:

•**Robert J. Dinger, Code 38.** A China Laker since coming here as a research physicist, Dinger received his Ph.D. from the University of California, Riverside. Among his many career accomplishments was the adoption of the Superconducting Quantum Interference Device magnetometer used to record the first submarine detection by this technique. Currently, Navy mine detection equipment is based on this technique. "I met Bill McLean at one time in my career when I gave a talk to the Commander's Council in Pasadena. I was still pretty

(Continued on Page 7)



WINNERS--L.T.E. Thompson Award winners are Capt. Douglas W. Cook, Larry Luxton, Norm Woodall, Jim Stanford and Sandy Rogers (not pictured). Thre W.B. McLean Awards went to Marko Afendykiw and Bob Dinger. The awards were presented by Capt. Cook and Bill Porter last week.

Photo by PH3 Cary Brady

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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 (KSA) 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 Thursday, 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.

Notice Regarding Drug Testing Designated Positions

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 28-051, Accounting Technician, DG-0525-1/2/3, (Multiple Vacancies), Code 2863 - Position is located in the Billing & Inventory Branch of the Accounting Division. The incumbent will serve as an Accounting Technician in the control and maintenance of financial records and applicable subsidiary ledger accounts. Duties include the review of computer generated reports, auditing reports for accuracy and completeness and making the necessary corrections; posting and reconciling financial data to subsidiary ledgers, validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project and budget personnel. **Job Relevant Criteria:** Knowledge of NWC accounting system; knowledge of NAV-COMPT regulations and basic accounting principles. Ability to work accurately with figures; ability to meet financial work deadlines; ability to deal effectively with people. Promotional potential to DG-3. Previous applicants need not reapply.

No. 28-054, Supervisory Budget Analyst, DP-560-3, Code 2837 - This position is Head, Corporate Budget Branch, Budget and Resource Analysis Division, Office of the Comptroller. The incumbent manages and supervises a team responsible for development of the Center's operating budget, A-11 budget, and financial management reporting systems. The incumbent must have demonstrated: the ability to understand complex resource allocation issues; a working knowledge of the Center's budget formulation and A-11 budget process; a working knowledge of the Navy Comptroller Manuals #5 and #7

and the Budget guidance manual; a working knowledge of the impending base consolidation efforts. **Job Relevant Criteria:** Knowledge of the budget formulation/execution process; and of the Navy Industrial/MRTFB funding systems; knowledge of TQM (leadership); knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor; ability to communicate effectively orally and in writing; ability to deal effectively with all levels of Center management. Incumbent may have to serve a one year supervisory probationary period. The full performance of this position is DP-3. Previous applicants need not reapply.

No. 28-055, Payroll Clerk/Technician, DG-544-1/2/3, Code 2853 - The incumbent is responsible for the maintenance and processing of time, leave and payroll records in the Payroll Branch, Customer Services Division, Office of the Comptroller. **Job Relevant Criteria:** Knowledge of payroll systems; skill and accuracy in dealing with numbers; ability to learn computerized payroll systems; ability to interpret Federal payroll principles and procedures; ability to interact positively with all levels of customers; ability to communicate both orally and in writing; ability to perform effectively under constant deadlines and pressure situations. Multiple vacancies.

No. 31-020, Computer Scientist, DP-1550-2/3, Code 31804 - This position is located in the Simulation Resources Management Office (SRMO). The SRMO provides facilities and computer systems for survivability and lethality analysis. The system environment includes an

administrative network with Macintosh and DOS PCs and distributed processing system with DATA General AViON, Silicon Graphics, and Hewlett Packard workstations/execution process; and of the Navy Industrial/MRTFB funding systems; knowledge of TQM (leadership); knowledge of affirmative action principles including a willingness to implement EEO practices; ability to perform as a first-line supervisor; ability to communicate effectively orally and in writing; ability to deal effectively with all levels of Center management. Incumbent may have to serve a one year supervisory probationary period. The full performance of this position is DP-3. Previous applicants need not reapply.

No. 36-019, Supervisory Interdisciplinary (Aerospace Engineer/Physicist/Chemist), DP-861/1310/1320-3/4 - This vacancy is in the Reliability and Maintainability Branch Head position in the Product Assurance Division, Engineering Department. The Division is responsible for providing Product Assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. This Division has high visibility involving significant interface with contractor and Off-Center Government management and requires extensive travel. **Job Relevant Criteria:** Ability to supervise a large branch through subordinate section super-

visors; knowledge of the Product Assurance disciplines; ability to communicate in writing; ability to communicate orally; ability to interface effectively with both On- and Off-Center management; knowledge and application of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed.

No. 39-029 Interdisciplinary (Computer Scientist/Electronics Engineer/Physicist), DP-1550/855/1310-3, Code 3944 - This position is located in the Air to Air Guidance Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent manages the Sidewinder AIM-9R software multidisciplinary development team. The incumbent will be responsible for monitoring technical progress of support contractors, interfacing with the Sidewinder Program Office, maintaining security systems and operation and preventive maintenance of development systems. **Job Relevant Criteria:** Knowledge of software development process and requirements, VAX operating systems and assembly language programming. Ability to lead a multidisciplinary team of development personnel; ability to communicate both orally and in writing. The full performance level of this position is DP-3.

No. 39-031, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3/4, Code 39B3 - This position is that of the Missile Homing Improvement Program (MHIP) Project Manager. The incumbent will report to the Head Anti-Air Projects, Code 39B. The MHIP Project Manager is responsible for all aspects of MHIP Common Seeker effort at NAVWPNCEN, including planning, budgeting, contracting, staffing, and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAVWPNCEN status positions and plans to

NAVSEA, NAVAIR and the MHIP community outside NAVWPNCEN. The project manager will exercise direction of NACWPNCEN inhouse efforts and contracted efforts. The project manager will monitor the IRISS contract efforts for Common Seeker and coordinate the MHIP integration of the seeker with Sparrow Missile, (Code 39B8) and Standard Missile, (Code 39B11). **Job Relevant Criteria:** Knowledge of Naval weapons systems and requirements; knowledge of NWC personnel policies and procedures; knowledge of affirmative action including a willingness to implement EEO policies and goals. Ability to influence and motivate others; ability to plan, organize, coordinate, and manage technical projects. Must serve a one year supervisory probationary period if not previously completed. Must be able to obtain and maintain a Top Secret clearance. ****Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in Promotional Opportunities box above. Promotional potential to DP-4, but not guaranteed.**

No. 39-032, Administrative Officer, DA-341-3, Code 39402 - This position is located in the Electro-Optics Guidance Division. Incumbent will provide administrative support to Division managers in the areas of financial management; contract administration including COTR responsibilities, procurement, facilities, equipment, space, safety and security. **Job Relevant Criteria:** Knowledge of management techniques, practices, methods and principles; knowledge of Navy personnel policies and procedures; in-depth knowledge of NAVWPNCEN, Navy and DOD financial management processes; knowledge of contract administration. Ability to deal effectively with people; ability to communicate orally and in writing. The full performance level of this position is DA-3.

Secretarial opportunities

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

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

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

No. 39-028 Secretary (Typing), DG-318-1/2, Code 39B1 - Position is located in the Advanced Technology Applications Office of the Intercept Weapons Department. The incumbent will provide secretarial support and serve as junior secretary to the Project Office. Knowledge and experience on the Macintosh is desirable but not required. The full performance of this position is DG-2. Incumbent must be

able to obtain a TOP SECRET clearance with SBI. The person selected for this position will be subject to urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Previous applicants need not reapply. **No. 39-030, Secretary (Typing), DG-** (Continued on Page 20)

Seven win Center's outstanding honors

(Continued from Page 6)

completely an unexpected surprise. If someone had told me, at least I could have gotten a haircut!" A China Laker since 1957, he began as a JP after graduation from Wayne State University with an electrical engineering degree. An expert in millimeter wave solid state devices, his work has brought recognition from throughout the Department of Defense. The citation to accompany the award notes, "Your design and development efforts have had far-reaching impacts in applications to programs that will be major contributors to the future defense of the fleet."

Marko Afendykiw, Code 39. As he accepted the award, Afendykiw quipped, "This is

Summer's heat hit peak during July

Two periods of unsettled weather caused by a southeast monsoonal flow over the Indian Wells Valley resulted in thunderstorms for the area from July 5-9 and July 28 to the end of the month, notes the Range Meteorology Office, Range Support Branch. Otherwise, July was seasonally hot.

High level moisture over the region from July 15-20 was caused by a trough of low pressure along the western U.S., coupled with the tropical jet stream and blow-off clouds from a hurricane that was in the tropics.

Volcanic ash from the volcano erupting in the Philippines was over the region during the latter part of July. The ash was most notable for bringing more color to the sky at sunrise and sunset.

Precipitation amounts recorded on-Center during the month ranged from 0.15 inch at Randsburg

Wash down to 0.01 inch at Mojave B, about 3/4 mile north of Wingate Pass. At Armitage Field, the precipitation amount was 0.07 inch.

The mean temperature at the Instrumentation Operations Building was 1.3 degrees warmer than normal. On two days, the temperature was equal to or greater than 115 degrees; and on 25 days, it exceeded 100 degrees.



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Reserve Unit 0276 command goes to Capt. Forsyth

Smart, starched white uniforms were the dress of the day last Saturday at Naval Weapons Center as Unit 0276 of the Naval Air Reserve saw command responsibilities transferred from Capt. Sam J. Alonge Jr. to Capt.

Graham B. Forsyth. Since 1979, NWC 0276 has provided support to the Naval Weapons Center under the reserve system.

Captain Robert E. Kapernick, NWC's deputy laboratory director, was the guest speaker at the

traditional change of command ceremony held in front of Michelson Laboratory. Capt. Kapernick is a graduate of Montana State University and the Naval Postgraduate School in Monterey.

Assuming command, Capt.

Forsyth was previously with NWC Reserve Unit 0176. He is a graduate of Washington State University and received his wings in July, 1969. During his active duty time, he flew combat missions in Vietnam and completed a tour with VC-3 at North Island. A member of the Naval Air Reserve at Point Mugu since 1973, he was with NWC 0176 until assuming his current command.

In civilian life, Capt. Forsyth

is vice president of engineering and product development for Vernon Tool Co., Oceanside. He and his wife, Thelma, live in San Clemente.

Departing Skipper, Capt. Alonge, became a Naval Flight Officer in 1966. Assignments included project officer on the F-4 Phantom for VX-4, tactical action officer on the *USS Independence* and deputy PMA for the Harpoon Office.



COMMAND CHANGES--Capt. Sam Alonge Jr. turned command of NWC Reserve Unit 0276 over to Capt. Graham B. Forsyth last Saturday morning in front of Michelson Lab. Members of the reserve unit support NWC and spend many of their drill periods working on projects at Michelson Lab. Photo by PH3 Cary Brady

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Eastern Sierra fishing unchanged

Fishing remains about the same in the Eastern Sierra area, notices the Bishop Chamber of Commerce.

Big Pine Creek near Big Pine is still holding its own, with Panther Martins working best. For fly-fishing, try a hornberg fly. The creek's best fishing spot is just below the first bridge crossing, and traveling about a quarter of a mile down the creek. While this area has been producing some nice stockers on orange powerbait, don't expect to just cast your line in and fish in one spot. The area really has to be worked.

In the Bishop area, the Owens River off of East Line Street has been slow, but with time, is capable of producing nice two pound rainbows on nightcrawlers. Best results are in the morning around 6 a.m. Pleasant Valley Reservoir has been having fair fishing, but is unpredictable.

Float tubing on North Lake, using a helgamite fly, has been hot for taking browns; float tube near

the stream inlet into the lake. At Lake Sabrina, limits are being taken for those using Zeke's floating bait (pink) or yellow powerbait. Fish the end of the dam or to the right of the marina. Fishing's great at South Lake. Use a frog pattern lure or salmon eggs.

In the Rock Creek area, fish the lake early in the morning using an olive matuka, wooley bugger, wooley worm or black ant. Stream fishing has been productive for those using salmon eggs, worms or Velveta cheese.

In the Mammoth lakes area, trollers should enjoy Lake Mary. Trout have been biting the new red fluorescent powerbait at Lake George, and elk hair caddis or the Sierra bright dot seem to be working in the San Joaquin area.

Fishing is good on all the lakes in the June Lake Loop area. Try a silver triple teaser on June Lake, a red dot frog pattern on Gull, a brass triple teaser on Silver Lake and a Dave Davis with crawlers on Grant Lake.

Fall volleyball organizational meeting set

At 4:30 p.m. today, August 15, there will be a Fall Volleyball organizational meeting in the MWR Conference Room. The Fall Volleyball League is open to all military and DoD personnel. Deadline for entry/roster submission is 5:30 p.m. on August

30. All fees and eligibility cards must be paid for at that time.

Games begin Tuesday, Sept. 9. For further information, call Michelle Martin, the NWC Gym manager, at NWC ext. 6542/2334.

Scuba diving classes offered

Starting in September, the Morale, Welfare & Recreation Department's Sports Division will sponsor three scuba classes.

Open Water I, a N.A.U.I. Certification class, will be held Sept. 14, 15, 21, 22, 28 and 29 from 12 noon to 9 p.m., with an hour break from 4 to 5 p.m. Sept. 28 and 29 will be ocean dives. This class covers scuba diving basics. Cost is \$220 per person.

The second class, *Open Water II*, which will be held at the ocean, includes six ocean dives and will be held Sept. 28 and 29. Participants must finish *Open Water I* before taking *Open Water II*. Cost is \$170 per person.

A refresher course will be held Sept. 21 and 22. Cost is \$30 per person. If students would like to participate in some ocean dives, cost is \$95 per person.

For further information, or to register, call the Sports Division at NWC ext. 6542.

Bike race planned

On Sept. 26-29, the third annual National Military Cycling Championship will be held at Nellis Air Force Base, Las Vega, Nevada. Registration deadline is Sept. 1.

For more information, call Kevin Hodson, AUTOVON 682-4891, or commercial, (702) 652-4891.

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Sports

No-tap scratch tournament set for August 24

On August 24, Hall Memorial Lanes will host a No-Tap Scratch Tournament. Choice of squad times are 1, 3 and 6 p.m. The entry fee is \$15 per person, which includes the prize fund. Prize pay off is one in five. The first place winner will receive a Dule Blue Hammer Ball, while the second place winner will take home an AMF Single Bag. The third place winner will receive a pair of Endicott Johnson bowling shoes.

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Youth basketball league ends season

Activity heated up as the Naval Weapons Center's Youth Basketball League played their final games last week. During the season, youth learned more about the game, good sportsmanship and the importance of teamwork. Teams were coached by volunteers who donated their time and knowledge to give local children the chance to learn more about the game of basketball and themselves.

Division I teams consisted of the Suns and Bulls. Adam, Craig, J.D. Martin, Joey Schmierer, Wendy Norlund, Angie Davis and Patrick Chan made up the Suns, while Chris Bachman, Garry Polk, Jacob Butterworth, Alicia LaFromboise, Jonathan Bricke and Richard Spencer were on the Bulls.

For the final game in Division II, the SuperSonics narrowly edged out the Kings with a 35-34 victory. Players for the SuperSonics were Jaime Rugg, Ryan Katzenstein, Peter Beaudin, Stephen Ribultan, Bryan McCollum and Donald Little. The Bulls consisted of Daniel Davis, Deric Mason, Mark Norlund, Chad Skatvold, Kenny Thompson



and Curtis Hancy. The Rockets ended the Division III action by beating the Cavaliers 48-35. Players for the Rockets were Lenny Winterly, Daniel Hartley, Jay Norlund, Daniel Peoples, Sommai Otto, Jeff Blanchette, Angie Thomason, Jonathan Davis and Chris Maki. The Cavaliers were Dvid Rollingson, Curtis Ilen, Brian Riggs, Brett Thomsen, Anton Kiren, Eddy Crawford, John Ames Andrew Huston, Tiffany McCollum and Matthew Girardot.

The Bullets beat the Spurs 63-42 in Division IV play. Players for the Bullets were Amor Agojo, Jim Crutchfield, Josh Crawford, Melissa Ames, Michael Terry and Steve Krum. The Spurs were Jason Rollingson, Timoteo Clark, Galen Hollins and Randy Martin.

"We had a great season," said OS2 Ron Gray, coach and assistant coordinator for the league. "The teams changed each week due to vacations and other summer activities, so each player had to learn more than one position and be an overall player. I think each and every one of them did a great job."

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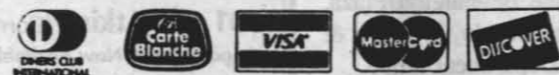
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The Key to Continuous Improvement

Wow! It's been busy here in the IDEAS office the past few weeks. It's a "good" busy since it means you're being creative and writing down those IDEAS or notifying us that your have already implemented something in your work process.

We want to say a special thanks today to three of our responsive reviewers - Debra Schlick, Code 05E1; John Hammonds, Code 243; and Richard Smith, Code 033. Although they can't always implement or recommend an idea be implemented, they give comprehensive, timely answers in response to submitted ideas. These people are helping make IDEAS a success.

Here are some more of our implemented ideas: #010 submitted by Kelly Meeks suggested we add "Code and Work Phone" to travel orders of relocated employees or new employees. It would make it easier for Travel to locate an employee when completing the employee's entitlements. Don Shibley, Code 2201 agreed and has implemented the suggestion.

Patty Caraker, Code 32902, said when government vehicles are picked up from transportation after repairs are made, the employee signs for the vehicle, but nothing is given to verify what was required/done. Dana Hams, Code 2601 agreed repair

information would aid departments in their record keeping of transportation repairs. New forms are ordered to provide a copy for the customer and until they are available, customers can request a copy of the repair form.

In IDEAS #35, Steve Walker, Code 3817, suggested the shipping department advertise for recycle Styrofoam peanuts. It would save them from buying new ones and help the environment. Dennis Hatzembuehler, Code 213 replied that it was a great idea and requested NWC Announcements to run an article stating the shipping office at NWC could use all the Styrofoam filling they could get. They requested it be taken to the shipping dock in the Supply Compound, or call Bill King, NWC ext. 2185 for pick up.

You can reach the IDEAS office at NWC ext. 2311, EMail - SCF::IDEAS or QuickMail - Code_27_QM (M. Truesdale or B. MacIntosh).

In the last week these Ideas were submitted: No. 160, NWC/PMTC Mail Shuttle, Ann Roseman (Mail bag system established to go with the plane shuttle); No.161, Automatic Deposit of Travel Checks, Syble R. Cope (Deposit travel checks in the same manner as pay checks); No. 162, Bike Racks at EM Club, Nancy Gray (Recommends MWR install bike racks); No. 163, Explosives Hauling Route, Dusty L. Guy (Dusty has made some recommendations to increase safety while transporting explosives); No. 164, Recycle Newspapers for Packing Material, Don Herigstad (Look into using shredded newspaper for packing); No. 165, Building 70116 Physical Reorganization, Rick Bullard No. 166, Main Gate Entrance for Physically Impaired, Natalie M. Moore and No. 167, Analog Tape Procurement, Darren C. Smith. (See if can save some money by procuring tape locally).

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Richard Hughes offers RF safety classes for Center employees

On August 26 and Sept. 30, Dr. Richard Hughes will present Radio Frequency Safety classes for Naval Weapons Center Radio Frequency (RF) workers.

Classes will be held in Room 114 at the Training Center. There will be two, four-hour classes, running on each training date. The first class will be held from 7:30-11:30 a.m., while the second class will run from 12:30-16:30 p.m. Class size is limited, so register early.

To register, submit a NAVWPNCEN Form 12410/73 (Rev. 12-88), On-Center Training Request, to the Safety Program Office (Code 2405), attention Gary Beckstrom. Please do not send these forms directly to the Training Center. Registration deadline is August 21. For more information, contact Beckstrom at NWC ext. 2002 or 2362.

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TI & Poquet prices may be limited to stock on hand as these manufacturer promotions end.

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Sodium: Little Goes Long Way

Sodium is a mineral that is essential for good health. You must have a balance of sodium and water in your body fluids and tissues at all times. Too much sodium or too much water will upset the balance. Unfortunately, most of us eat far more sodium than we need -- a little sodium goes a long way.

How much sodium?
According to the National Research Council, 1100 to 3300 milligrams of sodium daily is

enough. However, Americans consume two to six times that amount! Sodium is most commonly found in salt, but is also found naturally in foods and used as an additive in foods and drugs. Salt is 40 percent sodium and the rest of the compound in chloride. There are approximately 20000 mg. sodium in a teaspoon of salt.

Effects of too much sodium
Salty foods make you thirsty because sodium added to the body requires extra water for

dilution. When you sweat, the increased concentration of sodium in the blood also stimulates thirst. Unless the proper concentration of sodium is maintained, something goes wrong.

In healthy kidneys, an enzyme called renin is secreted and passed into the blood stream to control the hazardous buildup of pressure. If the kidneys have been abused too much with sodium, the process can begin to break down.

If the body cannot get rid of excess sodium because of dis-

eases of the heart, circulatory system or kidneys, it accumulates in the body along with excess fluids. This results in edema, a swelling of the tissues that can cause temporary weight gain. When tissues become waterlogged and blood vessels so sensitive to nerve stimulation that they contract, blood pressure rises, causing hypertension.

Side effects of sodium
Hypertension or high blood pressure is a major risk factor for heart disease and stroke. Individuals with hypertension

often need to reduce sodium in their diet as part of good blood pressure management. The direct link between high sodium intake causing hypertension is not definitive. It is felt that some individuals may be salt sensitive and a high sodium intake for them could increase their chances of developing high blood pressure. Other people seem to tolerate high levels of sodium with no effect. At the present, there is no test to determine who is salt-sensitive. Therefore, prudent use of salt is advised.

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Sea World's salute to the military ends

Free admission to Sea World for active duty military personnel and their dependents ends on Sept. 3. This is the last month to enjoy the Yellow Ribbon Summer at Sea World.

This terrific "thank you" to all the Armed Services for their performance in Desert Storm also includes stepped-up entertainment with the introduction of "Beach Blanket Ski Show."

Active duty military and their dependents only need to present their military I.D. at Sea World to gain free admission. Non-military guests can purchase discount tickets from Craftech. Discount tickets are \$17.70 for adults and \$13.20 for children. For more information, call Craftech at NWC ext. 3252.

I Do! I Do! plays at Seafarer Club Sept. 6

Enjoy a night of laughter, music and professional entertainment!

Almark Productions™ and the Morale, Welfare & Recreation Department are honored to present *I Do! I Do!*, a happy, rollicking musical about marriage at the Seafarer Club on Friday, Sept. 6.

Alicia Helen Markarian, who will play the leading female role, Agnes, began her "love affair" with the arts at an early age. She has performed in such productions as *Carmen*, *Die Fiedermaus*, *Kiss Me Kate*, *Show Boat* and *Man of La Mancha*.

Alex Petrides will play the leading male role, Michael. Petrides was last featured on Broadway in Harold Prince's production of *Zorba*. He has also played in other roles such as *Kismet*, *Can Can*, *Kiss Me Kate*, *Most Happy Fella*, *Guys and Dolls*, *Vagabond King* and *Merry Widow*.

The past few seasons have found Markarian and Petrides touring together as the well-known international vocal duo

Alex and Alicia, appearing in concerts and supper clubs throughout the United States, Canada and South America.

Since forming their own company, Almark Productions, the two have produced dinner shows such as *Godspell*, *Camelot*, *Fiddler on the Roof*, *Prisoner of 2nd Avenue*, *West Side Story*, *Oklahoma* and *I Do! I Do!*.

Cocktails will be served at 6:30 p.m., followed by a chicken a la orange or prime rib dinner at 7 p.m. To round out the dinner, diners can enjoy rice pilaf or baked potato, fresh asparagus spears with lemon butter sauce, salad, rolls, coffee and desert. The show starts at 8 p.m. Tickets are \$20 per person.

There are only 250 seats available for this one-night performance! Don't miss out! Put on your party clothes (no jeans, please) and have a fun time! Get your tickets today at the Seafarer Club or call NWC ext. 2581 for reservations.

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REPLAY! -- Bob Beecroft, IWVARC operations manager; Bill Blanc, a representative from the Employee Services Board; Terri Hall, IWVARC's executive director; and L.R. "Tree" Crabtree, NWC's Recycling Program's coordinator, gather to present the new REPLAY collection container to Keith Wills, head of the Financial Information Systems Division. His division is one of NWC's leaders in providing recyclable materials.

Now it's easier to recycle here

Changes are occurring within the Naval Weapons Center Recycling Program, noted L.R. "Tree" Crabtree, program coordinator. The first visible change is the REPLAY collection containers, which are being distributed to designated pick up points throughout the Center.

The containers mark the first use of the recycling program's new logo, REPLAY, which stands for *Recycle Everything, Protect the Lake And You*. Not only are these containers more visible and informative than the old cartons, they serve to identify official pick up points for the recycling program. Members of the Indians Wells Valley Association for Retarded Citizens (IWVARC), the recycling program's contractor, will distribute the containers throughout the Center within the next three weeks.

Implementation of the REPLAY program will bring other changes as well, affecting collection methods and equipment, and destruction and recycling of sensitive documents.

clung of sensitive documents. IDEAS submitted by Center employees helped bring about many of these changes and improvements.

So, watch for more changes in

the future and don't forget to help the environment, NWC, the Employee Services Board, which receives a percentage of the profits from NWC's recycling efforts and IWVARC -- REPLAY!

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PROUD OF THEIR WORK -- Members of the Public Works Department's High Voltage Power Shop are (l to r) Bob Hyde, John Finnell, Forest Troxell, Noah Hobbs, Joey Buck (Co-op apprentice), Bob Dickson, Kermit Richards (shop foreman), (kneeling) Gerry Gremillion and Daryl Brown. Not shown are Tom Pool and Herb Heigl.

They keep lights shining despite all the obstacles

By Peggy Shoaf
Rocketeer Staff Writer

As I gaze out my office window, I see a line of utility poles with power lines stretched tight between them. I know these lines carry electricity throughout the Naval Weapons Center, but who takes care of them? If a major power loss occurs, who finds the problem and then corrects it?

The Public Works Department's High Voltage Power Shop, Code 2673, maintains 650 miles of power lines, 700 transformers, 26,000 power poles and 38 substations throughout the Center.

According to Kermit Richards, the shop's foreman, high voltage electricians are a different breed. They work with electricity ranging from 600 volts to as high as 34,500 volts.

Richards further explained that substations are where transformers break the high voltage down to a much lower, and safer level.

Each day, nine high voltage electricians and one Co-op apprentice keep busy maintaining the Center's electrical equipment, which is spread over 1700 square miles. Each morning, crews are sent to check the Center's electrical substations, where the high voltage electricians clean and exercise the breakers to make sure there aren't any problems.

Other crews visually inspect the miles of power lines and utility poles which supply energy throughout the Center. If a problem is noted, crews immediately start correcting it in an effort to prevent damaging power outages.

The nine-member workforce is on-call 24 hours a day, seven days a week. "If a problem develops, it usually can't wait until morning," Richards explained. "If someone loses power, a response is needed right away."

The response team consists of two to three workers. More than one is always called for safety, Richards noted. If more help is needed, the response team calls as many people as necessary to complete the job.

Being a high voltage electrician is a dangerous job, Richards admitted. In addition to electrocution, workers have to worry about burns and even falling. Because a lot of their work involves climbing utility poles, falling is a big hazard.

Because these men are pros, the High Voltage Shop has a good safety record, noted Richards. An important aspect of the job is to keep communication between themselves and their supervisor open. "Because of the different types of hazards they face, it's important for them to know they can say there's a problem here, let's do something about it and know something will be done," Richards explained.

He also noted many of the workers have been through an apprenticeship program sponsored by the International Brotherhood of Electrical Workers (IBEW), while others were trained by the Southern California Edison Company. When starting their careers at NWC, each employee is trained in first aid and CPR and attend the annual safety standdown.

Because of the hazards involved, when a potential safety problem crops up, everyone responds, Richards noted. "For example, if there is a crew working at a substation and that substation emits a blip, everyone heads out there to make sure their co-workers are safe and that there wasn't a safety problem. Everyone keeps an eye on each other. They take care of one another."

While most of their work is routine, thunderstorms and windstorms can cause havoc for the high voltage electricians. According to Richards, during the last windstorm, the men stayed on the job past regular working hours because they knew there were going to be problems and wanted to be on hand for a quick response.

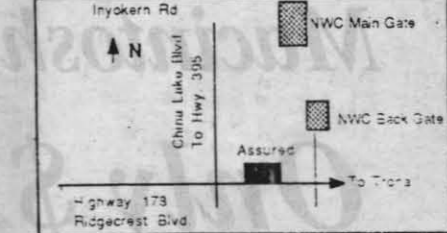
So, the next time there is a windstorm, thunderstorm or problems with the electricity, remember the unsung heroes who work day and night, ensuring NWC has electricity needed to complete its mission.



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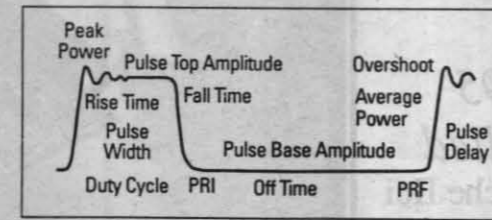
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No purchase is necessary to enter. All entries must be received at Checkers no later than August 15, 1991. Entrants must be at least 16 years of age. Employees and relatives of Checkers and KLOA are not eligible to win. The decision of the judges will be final. The winner will have until August 15, 1992 to redeem \$500 worth of free food.

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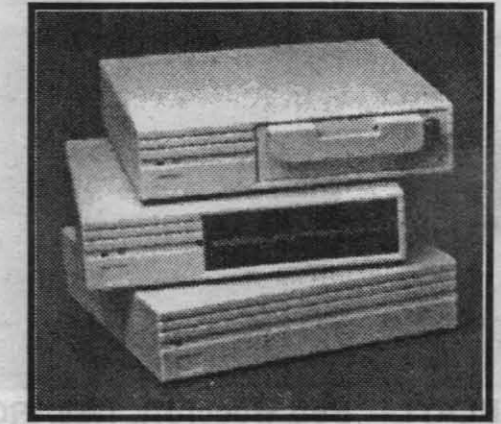
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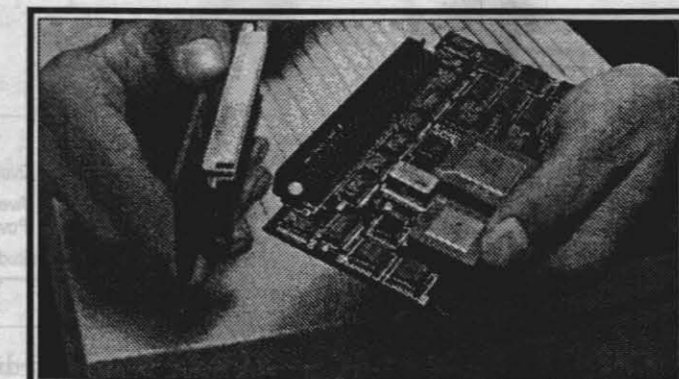
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