

Applications being taken for Marines' Devil Pup program

Applications are now being accepted from youths 14 through 17 years of age who are interested in taking part in the Marine Corps' Devil Pup program at Camp Pendleton, near Oceanside, Calif.

This summer, the 10-day Devil Pup program, which is sponsored by the Marine Corps Reserve, will be held from July 20 to 29.

Youths who take advantage of this expense-free activity will be housed in Marine barracks, eat at the Marine mess hall, and have the opportunity to observe whatever training programs the regular Marines are engaged in during this 10-day stay at Camp Pendleton.

The latter may include infantry tactics, simulated house-to-house fighting, attacks on field fortifications, and the viewing of combat and training films.

In addition, the Devil Pups will receive instruction in unarmed self defense, first aid, swimming, hikes following a predetermined compass route, and close order drill. There also will be organized recreational activities and beach parties for the Devil Pups.

Young men from the local area who are interested in obtaining additional information about the Devil Pup program, or who would like to receive an application form, are asked to contact Molly McKinney by calling 375-7857 between the hours of 8 a.m. and 2:30 p.m. prior to July 18.

Registrations still accepted for Cerro Coso summer session

Late registration will continue until tonight at 7 for the six-week summer session of 53 courses being offered by Cerro Coso Community College. Dr. Richard S. Meyers, college president, announced.

Students may register at the Office of Admission and Records, College Heights Boulevard. Summer session classes began last Monday and will end on July 22.

The summer schedule encompasses 20 subject areas and includes many required academic courses, physical education activities, career-occupational studies and self improvement programs, according to Dr. Richard A. Dodge, dean of instruction.

There is no tuition charged California residents taking Cerro Coso College courses. Students need pay only for textbooks and supplies used in class and in some cases a minimal laboratory fee.

A copy of the summer schedule and further information can be obtained by calling 375-5001.



—Photo by M. Stan Sanders

SOMETHING TO SHOUT ABOUT — Loren Dorrell (at left) and Dave Penrose, who portray Alan and Buddy, respectively, engage in a mutual exchange of brotherly advice during the current China Lake Players' production of the Neil Simon play, "Come Blow Your Horn." Alan is the swinging bachelor whose style is cramped when Buddy comes to live with him. The play's last two performances, tonight and tomorrow night, will begin at 8:15 at the group's hut on Mcintire St. Tickets are priced at \$2.50 for adults and \$1.50 for students and enlisted military personnel. Because of limited seating, it is recommended that those wishing to attend make their reservations now with Pat Schwarzbach, phone 375-9056.

Centerites sharpen mountaineering skills during climb at Yosemite

Two NWC employees who are members of the China Lake Mountain Rescue Group spent last weekend in Yosemite National Park where they sharpened up their mountaineering skills by climbing the sheer, rock face of Washington column which towers 1,960 ft. above the valley floor.

Bill Stronge, a research mechanical engineer in the Impact Mechanics Branch of the Research Department, led the climb, and was paired up with Marty Landau, who is responsible for the Weapons Department's air-to-air long range planning.

The two men followed a crack that runs straight up the Washington column. Starting from the Yosemite Valley floor at 1 p.m. on Saturday, they spent the night on a ledge approximately 15 ft. wide located 500 ft. up the sheer rock face, and then continued on their climb—finally reaching the top at 6 p.m. Sunday.

This was a grade 5 climb—the most difficult ever attempted together by Stronge and Landau. Some sections were particularly strenuous and the entire ascent involved using ropes passed through metal chocks and pitons jammed into rocks as the climbers (who were roped together for safety) pulled themselves higher and higher

up the column. The more difficult portions added interest to the climb, Stronge noted, but nothing even resembling an emergency problem arose. The weather was ideal for climbing and he and Landau "just had a good time," Stronge said.

They returned to the floor of Yosemite Valley at about 8 p.m. Sunday, and then drove back to China Lake that evening.

Ballet Arts Theatre classes to benefit museum building fund

A series of ballet classes to benefit the Maturango Museum building fund is again being offered by Ballet Arts Theatre.

Beginning adult classes at a special rate of \$20 for six weeks (with checks made payable to the Maturango Museum) will be taught by Bette Jacks, director of Ballet Arts Theatre.

Instruction will be adapted to each individual so that the student just seeking exercise will be as much at home as those wanting to seriously study classical ballet. Morning, afternoon and evening classes will be offered in order to accommodate everyone's schedule.

Mrs. Jacks has been teaching ballet in the local area for 20 years. She has studied with master teachers in New York City, Los Angeles and at the University of Arizona in Tempe.

Registration will take place today and Monday from 4:30 to 5:30 p.m., and next Tuesday from 1 to 2 p.m. and 5 to 6 p.m., at 303 Blue Ridge Rd., China Lake.

Classes are scheduled to begin in July.

Office hours at museum

Carol Panlaqui, who recently assumed duties as curator of the Maturango Museum, announced that she will maintain office hours from 2 to 5 p.m. each weekday, except holidays, at the museum.

Arrangements for special appointments and group tours should be made in advance by calling her at the museum office, phone 446-6900.

Dance slated at COM

Highlighting this evening's Membership Night festivities at the Commissioned Officers' Mess will be dancing under the stars on the COM's lanai to Cookie and Co., a contemporary music group from Barstow.

A special dinner of breast of chicken will be served from 6 to 9:30 p.m. and there will be a 9 p.m. floorshow.

SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED
General Audiences

(PG) - ALL AGES ADMITTED
Parental Guidance Suggested

(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

CS - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Program subject to change without notice — please check marquee.

FRI. 17 JUNE

"VIGILANTE FORCE" (89 Min.)
Kris Kristofferson, Jan Michael Vincent (Action Drama) A reign of terror begins in a small town when Vietnam veteran Kris Kristofferson and some combat-scarred buddies form a vigilante police force. An oil refinery is reopened and prosperity results. However, vice and violence run rampant—profiting the vigilante force, whose members have forgotten their original objective to bring about law, order and decency. (PG)

SAT. 18 JUNE

"END OF THE GAME" (104 Min.)
Jon Voight, Jacqueline Bisset (Suspense Drama) This film is a study of the relationship between a tired-but-crafty police commissioner (Martin Ritt) who is slowly dying from disease, and a smooth-talking, rich, all-powerful businessman and crook (Robert Shaw). Their mutual secret goes back 39 years, when Shaw killed Tira Calderoni (with whom both were in love) to prove that he could "get away with murder." (PG)

MON. 20 JUNE

"NETWORK" (121 Min.)
Peter Finch, Faye Dunaway (Drama) This film is a behind-the-scenes look at the staff, studios and executive offices of the fictional UBS (United Broadcasting System), a network with ratings so low it is an industry joke. Veteran evening news anchorman Finch is about to get the axe from hatchman Robert Duval. When Finch announces his firing on the air and then tells the viewing audience of his decision to commit suicide, he throws network chiefs into panic—but sends the ratings soaring. Programmer Faye Dunaway, using Finch as celebrity figure of questionable mental stability, turns the news into entertainment and works her way into the network big league. (R)

WED. 22 JUNE

"NICKELODEON" (107 Min.)
Ryan O'Neal, Burt Reynolds (Drama) Set in the early 1900s, this film is a slapstick tribute to the pioneer film making era, recalling the days of Mary Pickford, five cent theater admissions, and romance, comedy and drama. It was a time when independent film makers were apt to set up shop anywhere and were ever-fearful that at any time they would be forced out of the business by the "big guys." (PG)

FRI. 24 JUNE

"AT THE EARTH'S CORE" (90 Min.)
Doug McClure, Peter Cushing (Science Fiction) A huge burrowing machine nicknamed "The Iron Mole" (created by scientist Dr. Perry—Peter Cushing) is ready for an experimental run before undertaking its main task—that of piercing the earth's core and exploring the mysteries deep beneath the surface of our planet. The machine begins its downward trek. Suddenly, tunneling out of control at a ferocious speed, it cuts through to the center of the earth. Here a strange civilization is encountered in which prehistoric animals dwell along with predatory humans. (PG)

SAT. 25 JUNE

"THE HUMAN FACTOR" (96 Min.)
George Kennedy, John Mills (Drama) This film is a gripping account of one man's singleminded vendetta against a highly organized gang of terrorists who brutally, and without motive, massacred his wife and children. (R)

Call for weather report

The telephone number for complete weather information has been changed. The new number is NWC ext. 3435.

U.S. Government Printing Office: 1976 — No. 1031

From: _____

To: _____

Specialized Agency of UN

The International Radio Consultative Committee (CCIR) is a component of the International Telecommunications Union (ITU) — a specialized agency of the United Nations—and Study Group 1-A is concerned with spectrum utilization.

Moore and Katzenstein are being supported in their efforts by Roy Roglin, head of the Range Department's Frequency Management Office. They are providing Navy input to the committee on spectrum utilization in the millimeter-wave band of

PLACE STAMP HERE



Naval Weapons Center
China Lake
California

June 17, 1977
Vol. XXXII, No. 24

All systems 'go' for start on Monday of returnable beverage container test

All systems are "go" for the beginning on Monday of the Naval Weapons Center's participation in a year-long national conservation experiment, the purpose of which is to see what the distributor, retailer and consumer of soft drinks and beer can do to conserve natural resources and prevent litter.

The experiment is sponsored by the Environmental Protection Agency. Under the EPA's Guidelines for Beverage Containers, there will be refundable 5-cent deposit charged on all cans or bottles containing carbonated beverages that are purchased for off-premise consumption at the Navy Exchange and the package store.

In addition, Lt. M. S. Barnett, Navy Exchange officer, reports, that for as long as Fazio's Market remained in operation at Bennington Plaza, carbonated beverages of the types listed above will be sold only in returnable bottles for which there also will be a 5-cent deposit charged per bottle.

Part of Conservation Experiment

The Naval Weapons Center is one of ten military installations singled out to be part of this national conservation experiment. The Department of Defense chose one Marine Corps base, and three Army, three Navy and three Air Force installations to participate in the test, which is aimed at determining the effect of a 5-cent deposit on getting people to return empty beverage containers for recycling or re-use.

The inauguration of this program here means that a six-pack will cost 30 cents extra, while those who purchase soft drinks or beer by the case of 24 bottles or soft drinks will have to pay out an additional \$1.20. The deposit will be refunded when the empties are returned.

The beverage distributors will keep the 5-cent deposit if consumers do not return their empties. Neither the Navy nor the Naval Weapons Center will make any money from unredeemed deposits.

Both the cans, which will be stamped "Federal sale 5 cents refund," and the bottles are to be returned intact — not crushed or broken, since crushing the cans will make it difficult or impossible to identify them as ones on which the deposit return information is imprinted or stamped.

Lt. Barnett emphasized.

A storeroom at the Navy Exchange has been cleared out for use in storing the bottles and cans that are returned for deposit, and this space will be emptied daily and the bottles and cans taken to a warehouse. The cans will be sold to an aluminum recycling firm and the bottles, which will be broken so that there will be no way they can make their way back into the deposit cycle, will be sold to a company that collects such glass for re-sale.

It is estimated by the Environmental Protection Agency that a returnable bottle making five complete trips uses one-third the energy of a non-returnable container.

Two states, Oregon and Vermont, have had laws banning no deposit/no return containers for several years now. Their laws resulted from a growing litter problem. The result of those laws is a 60 to 80 per cent drop in container litter in these two states.

A smaller test also was carried out in Yosemite National Park with encouraging results. Almost 70 per cent of all beverage containers sold in the park were returned. The test program being conducted at (Continued on Page 5)

Historic event recalled

Parade, ceremony at Elks Lodge held to mark anniversary of adoption of American flag

A Flag Day ceremony on the 200th anniversary of the adoption of the American flag by the Continental Congress on June 14, 1777, was held Tuesday evening at the Ridgecrest Elks Lodge.

Featured speaker for the occasion was Lt. Col. D. E. P. Miller, USMC, from the Naval Weapons Center's Marine Corps Liaison Office, and the event was highlighted as well by the participation of The Blue Eagles, a 13-member flag demonstration team from Edwards Air Force Base.

Members of the Blue Eagles presented a pageant of American flags that have flown at various times in this nation's history, coupled with narration about each of the flags by M/Sgt. Des Jardins, who is in



FLAG DAY PARADE HELD — The Bicentennial of the adoption of the flag of the United States by the Continental Congress was observed locally by a parade along Blandy Ave. on Tuesday morning, as well as by the traditional Flag Day ceremony held that evening at the Ridgecrest Elks Lodge. Participants in the parade, which was led by the Naval Weapons Center color guard and drill team, included color guards from the China Lake Police Division, VFW Ship 4084 and American Legion Post 684. On Tuesday in Washington, D.C., the Department of Defense formally dedicated a "flag corridor" in which are displayed the American flag, state and territorial flags, and a series of flags that depict the evolution of the American flag from the English flag that flew over Jamestown in 1607 up until the present time. —Photo by Ron Allen

charge of the Blue Eagles, and Airman 1st. Class Wendy Puckett.

In addition, Boy Scouts of Troop 3 filed into the meeting room also carrying replicas of the flags of this country that have flown from Revolutionary War days up until the present. This was coupled with an account of the history of the American flag that was given by Fred Whitnack, a past exalted ruler of the local Elks Lodge.

The dual flag pageants were followed by remarks appropriate for the occasion that were presented by Don Davis, another past exalted ruler of the Ridgecrest Elks, who conveyed his thoughts on the symbolic meaning of the Stars and Stripes not only to the people of this nation, but to others

around the world as well.

During his principal address of the evening, Lt. Col. Miller began by noting that "as a Marine, as an American, and as a patriot, this gathering serves to make me stand a bit taller and be a bit more proud to be an American. The flags that are displayed here this evening symbolize all that is great about our country," he added.

The main portion of the speaker's



Lt. Col. D. E. P. Miller, USMC, Flag Day Speaker

presentation was built around the word "America," as he took each of the seven letters and told what they meant to him. "The 'A' stands for 'all,'" he said meaning "all of us who call this wide stretch of land our home. We all share ownership in the liberties and the opportunities. We all must share in the responsibilities of keeping safe what we cherish," Lt. Col. Miller emphasized.

The "M" he said, is for the men who have given their aid to the cause—not only by (Continued on Page 4)



HARD DECISIONS — Momma has to stay away if June is going to go to acting school. Leonore Edwards (at left) is shocked by the ultimatum that Marlene Page (at right) gives her in this scene from "Gypsy," the Community Light Opera and Theater Association's summer production about the life of famed stripper Gypsy Rose Lee. Nancy Miller Nowak (center), who plays Gypsy's sister, finds that the road to stardom is a hard climb when Momma is pushing you. Performances are slated for July 8, 9, 15 and 16. —Photo by John Dunker



BLOOD DONORS TURN OUT — The final visit to Ridgcrest until next October by the Houchin Community blood bank's mobile unit from Bakersfield resulted in the contribution of 91 pints of blood by local area residents, Kay Thoms, chairman of the Indian Wells Valley Blood Bank's Advanced Fund, reported. Lt. Richard Reed, clinical services officer from the local branch hospital of the Navy Regional Medical Center, was the doctor on duty for the duration of the blood bank visit from 1 to 6 p.m. at the the Ridgcrest Elks Lodge, and other volunteer assistance was provided by members of the Emblem Club, who handled registration of the blood donors and dispensed refreshments. Karl Kafer, who has been a regular contributor to the local blood bank since its inception more than a dozen years ago, is shown in the photo at lower left as he received one of the Gallon Club cups prepared as a memento of the nation's Bicentennial year, as well as a silver-colored metal ash tray that is being given this year by the Houchin Blood Bank to those who, over a period of time, have donated eight pints of blood. Kafer has done more than his share in this respect, and has a record of having given five gallons of blood, Mrs. Thoms said. —Photos by Ron Allen



Dispensary permit required for Civil Service employees

Except in the case of an emergency, Civil Service personnel who find it necessary to visit the Industrial Medical Division of the Navy Regional Medical Center's local branch hospital are required to have a dispensary permit filled out and signed by their supervisor. All non-emergency cases reporting to Code 943 without a dispensary permit will be directed to obtain such a permit prior to being treated, and later must return a copy of the permit to their supervisor. The proper procedure to follow after an absence from work of seven calendar days or more is for the employee to have a medical release from his private physician, complete with restrictions (if any). Also in such cases before reporting to the Industrial Medical Division, employees are required to have a dispensary permit filled out and signed by their supervisor. In addition, employees who are receiving physical therapy must have a dispensary permit that is signed and dated on the back for each visit to a physical therapist.

Assessments due from members of GEBA, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the recent death of Henry Fuller. This is assessment No. 402. The deceased, a former Pasadena Annex employee, was 75 years old at the time of his death in Westminster, Calif. In order to avoid taking up time at work, there are no more GEBA and CLMAS collectors on the job. Instead, members are asked to mail their assessments to Larry Mason, treasurer, at 1812-A Young Circle, China Lake, CA., 93555. Mason also urged GEBA and CLMAS members to check to make sure that up-to-date information regarding their beneficiaries is on file. He can be contacted after working hours by calling 446-4794.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Secretary (Stenography), GS-3184-7, PD No. 7700001N, Code 01 — Incumbent serves as personal secretary to the Technical Director and is responsible for the effective operation of his office and the management of his time and schedule. The position also entails the screening of both callers and correspondence to determine which individuals are to take action, the drafting of various correspondence for the Director's signature, the compilation of information from diverse sources, the performance of clerical duties, and the handling of various duties related to the Director's social obligations. **Job Relevant Criteria:** Experience in performing secretarial functions; knowledge of NWC organization and policies; ability to type and take dictation accurately and efficiently; demonstrated ability to deal tactfully and diplomatically with the public and all levels of NWC employees; demonstrated ability to communicate effectively and correctly in writing. Previous applicants need not re-apply. **File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.**

Procurement Clerk (Typing), GS-1106-3/4/5, PD No. 7625039, Code 2524 — This position is located in the Contracts Branch, Procurement Division, Supply Department. Incumbent types contracts, invitations for bids, Naval messages, etc.; assembles bid packages; maintains bid board; types travel orders and itineraries; sorts and distributes mail for the branch. **Job Relevant Criteria:** Ability to use a magnetic card typewriter and to type statistical material; knowledge of procurement documents and procedures.

Electronic Engineer, GS-855-9/11/12, PD No. 7733037, Code 3314 — This position is located in the Electro-Optic Sensors Branch, Advanced Systems Division, Fuze Department. The incumbent investigates and implements state-of-the-art electro-optical hardware solutions to advanced sensor problems; conducts the design and development of circuits, devices and optical systems; investigates both theoretically and experimentally new concept techniques for application to advanced sensor problems; and prepares technical reports, progress reports, and technical correspondence pertaining to assigned duties. **Job Relevant Criteria:** Background in the electronics and physics of defining, formulating and implementing state-of-the-art electro-optical hardware solutions to advanced fuze and sensor system problems; working background in optical polarization, design of unique electro-optical devices for active optical and longwave infrared fuze sensor systems, optical design of electronic systems with specific information processing requirements; and seeks CSC discrimination techniques; background in the operational methods of circuit analysis, and application of laser technology, meteorology and optical aerosol scattering phenomena as applied to the sensor systems; ability to exercise a high degree of initiative in determining new approaches and techniques for accomplishing tasks.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2371.

Clerk-Typist, GS-322-3, PD No. 7445094, Code 3267 — Promotion potential to GS-322-4. This position is located in the Terrain Denial Weapons Branch, Conventional Weapons Division of the Propulsion Development Department. Incumbent may work in the various branches of the division. Incumbent will type (from handwritten copy or rough drafts) letters, memoranda, project reports and budget estimates; and will perform a variety of clerical office functions, such as mail distribution, file

upkeep and receiving office callers. **Job Relevant Criteria:** Ability to type correspondence/ reports accurately; familiarity with Center regulations; ability to perform clerical/ typing tasks with minimum guidance. Selection will be made at the GS-3 level. **File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.**

Administrative Officer, GS-341-11, PD No. 7731047, Code 31202 — This position is located in the Aircraft Armament Division. The functions performed by the incumbent will include budget, personnel, procurement, facilities, space and financial analysis for the division. **Job Relevant Criteria:** Sound knowledge of Navy and Center administrative and management (especially financial, personnel and budget-related) principles and procedures; high degree of initiative and decisiveness; ability to deal effectively with people of many disciplines; high degree of diplomacy and persuasive skills; ability to express self appropriately both orally and in writing. This action will be effected as a temporary assignment and will last approximately 5 months.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Secretary, GS-3184-5, PD No. 7700800N, Code 08A — This position is secretary to the deputy head, Office of Finance and Management. The incumbent is responsible for providing administrative/clerical support to the supervisor; maintains calendar, files, etc.; reviews and directs incoming mail to the appropriate officials; prepares routine correspondence, schedules meetings and conferences, arranges travel. **Job Relevant Criteria:** Must be familiar with Navy correspondence format and files; have ability to meet deadlines under pressure; possess knowledge of Center organization and policies; and have the ability to deal with personnel at all levels of management.

Travel Clerk, GS-2132-3, PD No. 7385914, Code 0844 — This is a training position in the Travel and Transportation Branch of the Office of Finance and Management. Incumbent reviews travel orders, verifies entitlement guides and train guides; advises travelers of routes, accommodations, travel advances and related matters; issues transportation requests and meal tickets; obtains reservations and tickets; provides estimates and computes per diem, mileage and other transportation costs; issues orders and gives information for boarding military aircraft, and performs other related duties. **Job Relevant Criteria:** Ability to type, to research and comprehend guidelines, and to deal tactfully with people. Promotion potential to GS-5.

Clerk-Typist or Clerk (DMT), GS-322-314-3/4, PD No. 7408028, Code 0824 — This position is located in the Word Processing Center, Management Division, Office of Finance and Management. The incumbent types letters, memoranda and various reports, both technical and financial, from rough drafts or transcribes material from dictation equipment. **Job Relevant Criteria:** Must be a qualified typist; and have the ability to meet deadlines under pressure and to work with a minimum of supervision. Knowledge of Mag II typewriter is desirable. **File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2474.**



FOR 30 YEARS AT NWC — Paul Rainsberger is congratulated by Dr. Marguerite M. Rogers, former head of the Systems Development Department and now acting head of the Laboratory Directorate, after receiving his 30-year NWC pin. Rainsberger, an engineering technician in the Aircraft Armament Integration Branch of Code 31, came to China Lake in 1946 and worked in Codes 70 and 45 before joining his present department 23 years ago.

DIVINE SERVICES

- PROTESTANT**
 Sunday Worship Service 1015-0900
 Sunday School — All Ages 0900
 Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.
 Communion Service first Sunday of the Month.
- ECUMENICAL**
 Wednesday Noon Bible Study 1130
 Thursday Men's Prayer Breakfast 0630
- ROMAN CATHOLIC**
 MASS
 Saturday 1700 fulfills Sunday obligation 0700 - 0830 1130
 Sunday 0700 - 0830 0815-1245
 Nursery, Chapel Annex 1 0815-1245
 Daily except Saturday, 1135, Blessed Sacrament Chapel
- CONFESSIONS**
 Daily 1115 to 1130
 Saturday 1615 to 1645
 Sunday 0800 to 0825
- RELIGIOUS EDUCATION CLASSES**
 Sunday Pre-School thru 6th grades 1015
 Wednesday Kindergarten thru sixth 1530
 Sunday Seventh & eighth (Junior High) 1900
 Above classes are held in the Chapel Annexes across from the former Center Restaurant.
 Sunday evening Ninth thru 12th grades
 As announced "In Home" Discussion Groups Youth Rallies
- Contact Chaplain's Office for specifics.
- JEWISH SERVICES**
 EAST WING — ALL FAITH CHAPEL
 Sabbath Services every Friday 1930
 UNITARIANS
 CHAPEL ANNEX 95
 Services — (Sept.-May) 1930
 Sunday

Results announced in NWC Intramural Softball League

The most runs scored by any team thus far into the Intramural Softball League season were racked up on Tuesday night, June 7, by the Knights, as they defeated their Men's Slow Pitch Division rivals, the Ten Commandments, by the uncharitable tally of 37-6. The second game that evening saw the Zephyrs breeze past the Rat Pack, 15-3. On Wednesday, June 8, Shacklett's remained undefeated by squeezing past VX-5, 16-15, and NALC humbled the Royals by a score of 25-5. Beginning the week's action on Monday night, June 6, Pizza Villa pasted Bird Olds, 23-18, and Grand Good nailed VX-5, 15-5. In Men's Fast Pitch Division action, the first place Fisher Plastering team maintained its dominant position on Monday by putting WK Equipment out of commission, 11-3, and Valley Industrial defeated BSCF, 7-5. WK Equipment came back Tuesday to ground the Hawks, 14-2, and later that evening Valley Industrial sliced up John's Pizza, 15-9. Last week's competition in the Women's Division saw A&K Sparks outgun AVANT on Monday in a 22-17 slugfest in which Margaret Haughton, Joan Rausel and Sandy Moreno all had doubles for the winners. On Tuesday, Best Realty put down the Dusty Dames, 18-8, thanks in part to a round-tripper hit by Jan Bledsoe. The second game of the night featured the fine pitching performances of Bobby Gould as Brand X mystified the VIPs, 22-5. Desert Meats, on Wednesday, trimmed T. J. Frisbee by the final score of 14-13. Sandy Hamilton scored the winning run on a single by Claudia Kleinschmidt. In the concluding game that evening, Murray Construction deprogrammed CSC, 33-5. Diane Allen was the winning pitcher.

Three OTHTC teams to compete in relay races at Victorville
 Three 10-person teams sponsored by the Over-the-Hill Track Club will participate in the sixth annual Victorville 24-hr. relays which will be held this Saturday and Sunday. The competition will begin at 9 a.m. tomorrow at the Victorville High School track. Local participants are to assemble at Mr. P's Playhouse, 1661 N. Triangle Dr., Ridgcrest, at 6 a.m. Each team will continue running as far as possible in the 24-hr. period. Every team member runs a mile before passing on the baton to another runner, and if one person drops out, the reduced team takes up the additional burden and keeps on running. Members of the masters' team, all of whom are over 40 years of age, are: John Anderson, Norm Nieberlein, Gerald Ansell, David Rugg, William "Scotty" Broyles, Richard Wisdom, Jack Johangten, Dick Hughes, Raymond Jacobsen and Joseph Kovar. The OTHTC's "A" team is composed of Stan Hughes, Robert Campos, Paul Tjogas, Paul Storey, Mike Hartney, Frank Freyne, Byron Richardson, Jack Clark, Gene Simpson and Eric Kajiwara. These men will run in the open competition. Team No. 1, also sponsored by the OTHTC, consists of Dwight Modrell, Robert Smith, Regina Schuetze, Duke Gagliardi, Steven Tanner, David Lehmann, Jeff Stranstra, Robert Westbrook, Mike Johnson and Robert Gilkinson. Last year, the OTHTC's "A" team set a new area track record by amassing 237 miles, 1,740 yds., and easily took first place over-all.

Doug's Corner . . .
 (Continued from Page 6)
 contact the bowling center, NWC ext. 3471, as soon as possible. This tournament, which is always highly interesting, will be held on Saturday, July 16.

Employee in the Spotlight



Bill Grady, an electronics technician who since last November has been working for the Swimmer Vehicles Branch of the Weapons Department. Specifically, he designs electronic modules for the sonar systems of small underwater craft which are used for tactical operations by, for instance, the Navy's SEAL teams. He is Bill Grady, an electronics technician who since last November has been working for the Swimmer Vehicles Branch of the Weapons Department. Specifically, he designs electronic modules for the sonar systems of small underwater craft which are used for tactical operations by, for instance, the Navy's SEAL teams. Will Move Soon to Florida Bill transferred to his present position from the Telemetry Branch of the Engineering Department in order that he could accompany the Swimmer Delivery Vehicles Program when it moves to the Naval Coast Systems Laboratory at Panama City, Fla., early next month. Eventually, he plans to retire there. Raised on his family's tobacco farm near the tiny town of Hardyville, Ken., Bill left home in 1943, after finishing high school, to join the Navy. He spent most of the war as a sonar material technician aboard a mine sweeper by the no-name of USS YMS-361, seeing duty at various East Coast and Caribbean locations, as well as at Iwo Jima and Okinawa in the Pacific. One charming service experience Bill had came in early 1945, when his craft was sweeping for moored mines between the American battle wagons and the Iwo Jima beach. "Our big ships blasted off chunks of Mt. Surabachi — or 'hot rocks,' as we called them — which landed near enough to us to taste. And the guns were so loud I think I can still hear them sometimes."

Square Dancing Enthusiasts
 Bill and Lucile have been square dancing for over 25 years, and presently belong to the Jim Dandies, a local group of like-minded enthusiasts, for whom our employee in the spotlight is a caller. In addition, he has been active in the High Desert Callers' Association for the past dozen years, has occasionally called for out-of-town groups, and both husband and wife have enjoyed introducing young people and other beginners to one of their favorite forms of recreation. "We think square dancing is a very healthy, wholesome activity," Bill said as he added with a smile, "and I'm not saying this just because President Jimmy Carter is a square dancer, too. Its devotees are not conscious of one's station in life, age or politics. Everyone just comes out to have fun. I really enjoy teaching, and like to consider myself as a goodwill ambassador of square dancing." The importance that Bill attaches to working with young people is further evidenced by his volunteer efforts in previous years as a coach in Babe Ruth baseball and Youth Center basketball. His Junior League cagers won the championship title here during the 1967-68 season. It is also known that Bill likes to tell stories and play pinocle and cribbage with old friends on weekends and evenings. And when those retirement days come, he's not going to loaf, of course, because of his interests in square dancing and electronic gadgetry. According to Bill, "The latchstring will always be out in Panama City — actually in Lynn Haven, a town adjacent to Panama City. For fishing, card playing or square dancing — let's go!"

Sale of surplus gov't property set at NWC on June 28

Plans have been made for the next auction sale of surplus government property that will be held on Tuesday, June 28, starting at 9 a.m. in Cactus Hall at the Community Center. Among the almost 160 items to be offered for sale are refrigerators, calculators, bicycles, 55 gal. drums, fluorescent light fixtures, desks, chairs, miscellaneous electronic gear, mine lamps and pipe. All items will be available for examination at Warehouse 41 (on 10th St., just off the airfield access road) from 8 a.m. to 3 p.m. Monday through Friday, beginning Monday and continuing until the start of the sale on June 28. Prospective bidders must be at least 18 years of age in order to take part in the auction. Registration simply involves the presentation of proper identification at the Community Center between 8 and 9 a.m. the day of the sale. Successful bidders will have five working days to pay for and remove items purchased. Payment may be made by check payable to the treasurer of the United States. Additional information about the auction and the manner in which it will be conducted can be obtained by calling Bill Giuliani at NWC ext. 2502 or 2538. **Error made in identifying new president of ASQC** The ROCKETEER inadvertently identified the wrong Robert Moore from the Electronic Warfare Department as the new president of the Sierra Sands Section of the American Society for Quality Control (ASQC) in a story (published June 10) about the group's installation of new officers, which took place during a meeting held last night. The new ASQC president is Robert L. Moore, a general engineer in the Systems Effectiveness Branch of Code 35, not Robert P. Moore, head of the Microwave Radiometry Branch.



SIGNIFICANT ACHIEVEMENT — Recently, the Aviation Supply Division of the NWC Supply Department attained the unprecedented and very elusive goal of a zero NORSG (Not Operationally Ready Supply-Ground) rate for the entire Naval Weapons Center. In other words, no aircraft onboard the Center, including those at Air Test and Evaluation Squadron Five, were grounded due to lack of parts available in the Supply Department. Personnel from Codes 25, 61 and 90 responsible for this achievement are pictured in the above photo. They are: (standing, l.-r.) Capt. J. D. Killoran, NWC Director of Supply; Capt. S. I. Stocking, head of the Aircraft Department and Deputy Test and Evaluation Director; Lt. Bill Wilson, AKC George Wilmot, AKCM Frank Lockwood (head of Code 258), SKC Augustus Mariano, AKC John Madigan, Lcdr. Dean Hendrickson, Jim Bradberry, Cdr. Jim Baker (Deputy Director of Supply); and (kneeling, l.-r.) AKAN Denise Strough, AA Cindy Riley, AA Pat Fields, AK2 Dave Martin, AK3 Lew Zade, AK2 Rick Plamenco, AK1 Milton James, AK2 Romeo Romuar, AK3 Gerald Creasey, AK2 Roger Garcia, AK2 Leo Targos and AK2 Michael Went. Others who had a part in this achievement, but were unable to present for the photo, were AK2 Richard Booth, AK2 Roger Chatengo, ADJC Bill Jordan, LTJg. Gerald Robinson, and AA Darlene King.

The Rocketeer

Official Weekly Publication
 Naval Weapons Center
 China Lake, California
 Capt. Frederic H.M. Kinley
 NWC Commander
 R.M. Hillyer
 Acting Technical Director
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 Technical Information Department
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 Ron Allen
 Staff Photographer



DEADLINES
 Tuesday, 4:30 p.m.
 Wednesday, 11:30 a.m.
 The Rocketeer receives Armed Forces Press Service material. All are of official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
 Phones 3354, 3355, 2347

Awards presented to outstanding school-age gymnasts

Continuing a tradition of cooperation, the Burroughs High School gymnastics team and the City of Ridgecrest High Desert team recently held a combined awards banquet in the Burroughs multi-use room.

Recognition was given during the presentations to the gymnasts who have just concluded an outstanding competitive year, during which the Class III Tumbleweeds sent three girls to the district meet, the Class II program saw Patty Parks win fifth place all-around at the state meet, and the new Class I program sent Kyra Specht all the way to the U.S. Gymnastics Federation Senior Nationals.

The girls' high school varsity gymnasts won the Golden League championship for the second year in a row and Miss Parks was on her way to an assured all-around individual championship in the CIF finals before she was eliminated by an injury.

Three members of the BHS boys' varsity gym team qualified for CIF individual competition, and gained a great deal in all-around team strength with the addition of some strong volunteer assistance to their coaching staff.

Top High School Gymnasts

Top gymnasts who received awards from the high school program included Kevin Specht and Miss Parks, most valuable; Roger Butterfield and Betsy Babcock, most improved; Phil Wilson and Coleen Burke, coaches' awards; Clay Babcock and Deann Wilson, scholastic awards; and Kyra Specht, honorary letter.

This last award, a special presentation made by Burroughs principal Hal Reid, was in recognition of the fact that Miss Specht has done a great deal for the sport of gymnastics in the local community and, by virtue of the high level at which she is competing, is unable to represent her school in CIF, which has no Class I competitive program.

Special recognition was given to Werner Hueber, Nick Bottka, and Tim Bumann, who have helped Mary Ann Butterfield, the Burroughs boys' coach, on a volunteer basis. Bumann, in particular, has devoted countless hours to helping the boys' team.

The High Desert Team, which picks its "most improved" awards by secret ballot of team members, had an unusual dilemma this year. The girls saw so much improvement in individual team members, that no majority vote was cast in either the Class II or the Class III program. Out of 20 Class IIIs, 15 girls received votes for "most improved;" and out of 13 Class IIs, 8 received votes. For this reason, the only gymnastics ability award given this year by

Burroughs graduate qualifies again to compete as pro golfer

Pat McDonald, son of NWC Test and Evaluation Directorate employee Al McDonald, recently re-qualified as a professional golfer at a tournament held in Pinehurst, N.C.

The younger McDonald, a 1968 graduate of Burroughs High School and an All-Golden League golfer during his sophomore, junior and senior years, finished ninth out of 429 golfers competing at the Professional Golfers' Association Qualifying School. The competition was held on Pinehurst's famed No. 2 course.

After six consecutive days of competition, it had taken McDonald 425 strokes to complete the course. The cutoff score was 430, par was 431, and only 26 golfers succeeded in picking up their cards which designated them professionals. He had lost the card he earned earlier when he failed to make enough money as a pro during the period June 1975 to June 1976.

Soon, McDonald will travel to Chicago's Butler National Golf Club, where he will try to qualify for the Western Open, which will be held there June 23 to 26. For the past year, he has been working for First Federal Savings and Loan Association of Ridgecrest as a construction coordinator.

the team was a special achievement award to Miss Specht, the team's first and only Class I gymnast.

The Coaches' Award for the Tumbleweeds was given this year to Betsy Babcock, not just for her ability as a gymnast, but also for her outstanding sportsmanship and support of the coaches and the other gymnasts at all levels. In addition, special awards were presented to two seniors and a college freshman who are leaving the program. Kevin Specht, Joann Stillwell, and Liane Breitenstein have all served the city program as coaches, as well as competitors.

Recognition awards were given to Bill Bersie and Johnnie West — Bersie for his support of the program as city recreation



GYMNASTICS AWARD WINNERS — Among the top award winners at the recent gymnastics award banquet, a combined event of the Burroughs High School and High Desert gymnastic teams, were (front row, l.-r.) Betsy Babcock, Deann Wilson and Kyra Specht, and (standing, l.-r.) Kevin Specht, Clay Babcock, Coleen Burke, Patty Parks and Mary Ann Wilcox. The latter received special recognition for her service to the City of Ridgecrest gymnastic program, which she began seven years ago. Mrs. Wilcox is now the Tumbleweeds' Class I coach.

Farm Div. Little Leaguer gets 5 hits, but team loses by margin of 21-19

John Andrews of the Mets had an outstanding day with a home run, a triple, two doubles and a single in five at-bats to pace his team in its narrow 19-21 loss to the Angels last week in the China Lake Little League's Farm Division.

In that same game, the Angels' Mike Beeksvoort hit two triples and two doubles to go 4-for-5. Other Farm Division action saw the Angels garner another victory by stomping the Reds, 14-8, while the Mets salvaged a 22-21 win over the Padres and the Cubs raced by the winless Reds, 20-9.

Registration open for hunters' safety class set June 25-26

Registrations are still being accepted for the hunters' safety class that will be presented on the weekend of June 25 and 26 by volunteer instructors from the Sierra Desert Gun Club at their facility on Sportsman's Lane.

All persons wishing to obtain a state hunting license for the first time must attend and pass this course, according to California law. Students will receive instruction in firearms and archery safety, hunting ethics, wilderness survival, laws and regulations, and game conservation and management.

Registrations will be taken at the NWC Youth Center through Friday, June 24, on week days from 2:30 to 7 p.m. As a precaution against no-shows, the fee is \$5 per student, all but 50 cents of which is refundable upon completion of the course.

director, and West for his volunteer work as a coach. A special award in the form of a photographic collage was given to Mary Ann Wilcox, who, High Desert Coach Kitty Lockwood pointed out, "is practically synonymous with gymnastics in Indian Wells Valley." Mrs. Wilcox began the city gymnastics program seven years ago, and quit last year as program administrator in order to devote herself to her new role as Class I coach.

Awards to Boosters' Club followed, in the form of "warm fuzzies" that had been created by B. J. Peck, Boosters' president, and the other members of the club's board to thank local gymnastics supporters for their help in supporting the team in a variety of ways during this past year.



Doug's Corner

New summer hrs. now in effect at gym's indoor pool

New summer hours of operation have gone into effect at the NWC gymnasium's indoor pool.

Every weekday, the hours of 11 a.m. to 1 p.m. are reserved for adult lap swimming. Open swimming will be in order on Mondays through Thursdays from 1 until 6 p.m. and from 1 until 8:30 p.m. on Fridays. The indoor pool will be reserved for swimming for women only from 6 to 8:30 p.m. on Mondays.

On Saturdays and Sundays adult lap swimming will be the rule from noon until 1 p.m., followed by open swimming from 1 to 6 p.m.

The fee charged for use of the indoor pool is 60 cents per person per use, \$12 per year for individuals, and \$24 per year for families.

Junior Golf Clinic

A clinic for golfers 9 through 17 years of age will be held on Wednesdays from 2 to 3 p.m. at the China Lake golf course beginning next Wednesday and continuing through July 13.

Attendees will learn the fundamentals of golfing rules and etiquette, club selection, putting, driving and chipping. The only fee will be for balls, either 25 or 50 cents, depending on the quantity used.

Signups should be made immediately by contacting the course professional, Paul Someson, at NWC ext. 2990.

Bowling Tourney

All military personnel interested in participating in the 16th annual Santa Ana Interservice Bowling Tournament should

(Continued on Page 7)

Member of local archery gp. places 1st in state tourney

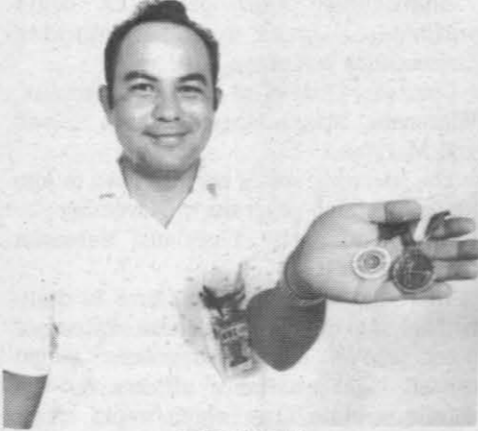
Sybald Loth, a member of the China Lake Bowmen, won a first place medal at the sixth annual California State Target Championships, which were held recently in Long Beach.

Loth, a supervisor in the Utilities Section of the NWC Public Works Department, won the championship of the double six-gold National Archery Association 900-round competition. Shooting from distances of 60, 50 and 40 yards, Loth scored a total of 1,492 points, 48 points ahead of the second-place contestant.

In addition, Loth, as a member of a two-man, two-woman team, helped this foursome to a third-place finish in a similar event. He has been shooting for just 1½ years, and this was his first non-local tournament. Loth has studied archery at Cerro Coso Community College.

Results as of Saturday, June 11:

| Team | Major Division | Won | Lost |
|----------------|----------------|-----|------|
| Red Sox | | 4 | 0 |
| Yankees | | 3 | 1 |
| Tigers | | 2 | 2 |
| Giants | | 1 | 3 |
| Dodgers | | 0 | 4 |
| Minor Division | | | |
| Cardinals | | 1 | 1 |
| Indians | | 1 | 1 |
| Pirates | | 1 | 1 |
| Royals | | 1 | 1 |
| White Sox | | 1 | 1 |
| Farm Division | | | |
| Angels | | 4 | 0 |
| Mets | | 3 | 1 |
| Cubs | | 1 | 2 |
| Padres | | 0 | 2 |
| Reds | | 0 | 3 |



Sybald Loth

Navy Relief Society fund drive to end at softball game today

Approximately \$10,000 has been raised through June 14 in the Navy Relief Society's annual fund drive, which is scheduled for an exciting conclusion this afternoon at 3 when the challenge softball game between NWC and VX-5 will get underway at Schoeffel Field.

Just before the game begins, the winners of the three major prizes destined for lucky supporters of the drive will be announced, as will the queen and runners-up in the "Miss Navy Relief" contest. The queen candidates will be in attendance at the CEN / BAT game, and, although the prize winners don't have to be present in order to collect their gifts, the public is invited to attend this fun-filled event.

As the grand prize of the local NRS fund campaign, a choice of one of the following items (obtained from local merchants) will be given to the top winner, as determined this afternoon: either a Toyota Corolla sedan from Bud Eyre Chevrolet, a Datsun pickup truck from Bird Olds, a Layton camper trailer from Murphy Motors, or a Kawasaki KZ-1000 motorcycle from Desert Sport Cycles.

Other Prizes To Be Awarded

Also to be awarded are the second-ranking prize, choice of a Yamaha DT-100D motorcycle from the Desert Sport Center, or an RCA 25-in. color console TV from Loewen's; and, as the number three award, choice of an Amana microwave oven from Loewen's or a Zenith 19-in. portable color TV from the Navy Exchange.

Furthermore, as they have each Friday since the drive began May 11, a number of preliminary prizes will also be awarded. This week, they will include a gift set from Ship's Bell Jewelers, a gift certificate from Colonel Sanders' Kentucky Fried Chicken and a gallon of paint from Grand Good Lumber and Supply Co., all of Ridgecrest.



ALL IN THE GAME — As part of the friendly preliminaries to this afternoon's challenge softball game between the Naval Weapons Center and Air Test and Evaluation Squadron Five, Cdr. Melvin D. Munsinger (at left), executive officer of VX-5, and Capt. Frederic H. M. Kinley, NWC Commander, get some practice in the traditional rite which determines which side bats first. One highlight of the game will come when the three major prizes of the current Navy Relief Society fund drive are awarded to lucky contributors to this worthy cause. Also during this game, which will begin at Schoeffel Field at 3 p.m., announcement will be made of the winner of the 1977 "Miss Navy Relief" contest, votes for whom have been based on contributions made in their behalf to the fund drive. —Photo by Ron Allen

Bonnie Tucker appointed to serve as Navy ombudsman at China Lake

Bonnie Tucker, wife of AMCS James E. Tucker, line chief in the Aircraft Department, has been appointed to serve as the Navy ombudsman at China Lake.

The appointment was made by Rear Admiral R. G. Freeman III, former NWC Commander, shortly before he left for his new assignment at Ft. Belvoir, Va. She succeeds Carolyn Bousquet, whose two-year appointment has come to an end due to

Lemoore. Mrs. Tucker served as ombudsman for Attack Squadron 22 during the period from 1973 to 1976.

Mrs. Tucker says she will be greeting all incoming Navy wives at China Lake by paying a personal visit to their homes in order to acquaint them with the facilities available here. She urges dependents with problems she might be able to help resolve to phone her at 446-3767, any time of the day or night.

Mrs. Tucker and her husband live in Navy housing with their children, James, Jr., 15, Marion Lee, 13 and Michelle Ann, 11. Summing up her feelings over the appointment she says, "The ombudsman's job is a gratifying one because you can help people. As a matter of fact, being a Navy wife is gratifying, too—I've just loved it."



Bonnie Tucker

the pending reassignment of her husband, AMEL Henry Bousquet.

Mrs. Tucker describes her new duties as "acting as liaison between dependents and Command facilities over any problems which might arise with the Housing Office, dispensary, Commissary Store, and Navy Exchange, for instance." She is also a member of the Chief Petty Officers' Wives Club and the Commissary and Exchange Board.

The new Navy ombudsman at China Lake and her husband came here last November from Naval Air Station Lemoore, where they had been for the last 10 years. While at

Thompson, McLean Awards luncheon reservations due

Reservations are due no later than 4:30 p.m. Tuesday from those who wish to attend a luncheon on Wednesday during which the L. T. E. Thompson and William B. McLean Awards will be presented.

The luncheon, which is to get underway at 11:30 a.m., will be held at the Commissioned Officers' Mess, and reservations can be made by calling NWC ext. 2634.

The L. T. E. Thompson Award is the Center's highest recognition for outstanding individual achievement. It is given for outstanding contributions to the advancement of ordnance toward fulfillment of the mission of NWC and the U.S. Navy.

The William B. McLean Award was established to recognize outstanding creativity among employees in furthering the mission of the Center, as evidenced by significant inventions.



PARADE TROPHY PRESENTED — Capt. Frederic H. M. Kinley, NWC Commander, admires the trophy that was presented to him Tuesday morning by MS1 Bruton Dean, petty officer in charge of the Naval Weapons Center drill team, and AZ3 Gordon Gillie (at right) the drill team's squad leader. Looking on at left is FTCS Dave C. Vander Houwen, senior chief petty officer of the command. The trophy is one which the NWC drill team received for placing first among marching units entered in a Spring Festival parade held recently at California City.



SUPERIOR ACHIEVEMENT RECOGNIZED — For their exceptional performance in the development of a data acquisition facility for support of the Angle Rate Bombing System flight tests, Dick Boyd (at left) presented a \$1,000 Superior Achievement Award to (l.-r.) Ken Trieu, Thomas O'Neill, Louis Shantler and Gene Thomas. —Photo by Ron Allen

4 engineers share \$1,000 award for help given ARBS flight test program

Four engineers in the Avionics Division of the Systems Development Department were the recipients of a Superior Achievement Award for their exceptional performance in the development of a real time data/display facility for support of the Angle Rate Bombing System (ARBS) flight test program.

The award (a total of \$1,000 divided equally between the four men) was presented by Dick Boyd, associate department head of Code 31, to Gene Thomas, Ken Trieu, Thomas O'Neill and Louis Shantler, who began full-scale development on the ARBS real time data/display facility in March of last year and completed it in January.

Data Processed During Test
The facility has the capability to receive telemetered digital and video data from an aircraft during a bombing test run and process the data in real time for display purposes.

Data is extracted from the digital stream to recreate the heads up display and show, on simulated cockpit panels in the laboratory, what the armament control panel and the control unit panel readings are at all times. The cockpit video display of the Dual Mode Tracker picture also is displayed in the lab.

New officers to be installed by China Lake Section, IEEE

The installation of a new slate of officers and a talk on the subject of "Engineering Education Today" will highlight the next meeting of the China Lake Section of the Institute of Electrical and Electronic Engineers (IEEE).

This meeting, which will be the final IEEE get-together until next September, will be held on Monday, starting at 11:30 a.m., at the Commissioned Officers' Mess.

Guest speaker for the occasion will be Dr. Thomas Van Doren, associate professor of electrical engineering at the University of Missouri in Rolla. In addition to presenting his views on current problems facing the working engineer, he will discuss such topics as curriculum changes, enrollment trends, and job opportunities.

Dr. Van Doren, who has been teaching electrical engineering for the past ten years, has spent seven summers at NWC working as a consultant to the Electronic Warfare Department's Missile Radar Branch.

New officers to be installed at Monday's IEEE meeting are Dave Brown, chairman; Bill Webster, vice-chairman; Dave Koelsch, secretary, and Bornfleth, treasurer.

In addition, any three of the digital parameters may be plotted in real time on a cathode ray tube display, and any eight other parameters may be decoded and recorded on strip chart recorders. All data received during each pass is recorded on mag tape and disc for further post flight processing.

Immediate Assessment Possible
Availability of the real time data/display facility enables engineers in the lab to observe significant ARBS cockpit functions, plus up to 200 computer parameters, from the telemetry channel while a flight is in progress. Thus, immediate assessment of the flight test progress is possible.

Problems have been solved and alternate plans or corrections made while a test was in progress. Both the number of flights required and the overall cost of the test program have been reduced dramatically as a result of use of the ARBS data acquisition facility.



NAVAL RESERVIST RECEIVES PROMOTION — Paul Kintzinger, a geophysicist at the Los Alamos Scientific Laboratories in New Mexico, received notification of his promotion from commander to captain in the Naval Reserve while here for a 2-week tour of active duty. Kay Cox, secretary in the Public Works Department's Geothermal Utilization Division, is shown pinning on Capt. Kintzinger's new insignia of rank, while Dr. Carl Austin (at left), division head, looks on. A Naval Reserve officer off and on since 1945, Capt. Kintzinger came here to work on various aspects of the Navy's geothermal program, including that under way at Coso Hot Springs. He also hopes to learn something about other Navy geothermal areas at Adak, Alaska, and in the Hawaiian Islands. Capt. Kintzinger has a Ph.D. in geophysics from New Mexico Tech in Socorro, where he first met Dr. Austin approximately 20 years ago, and has been involved in geothermal work since 1955. He has had experience working for both oil and mining companies as a senior research geophysicist, and also helped the United Nations with geophysical problems in Egypt. —Photo by PH3 B. J. Beckman

Flag Day observance held . . .

(Continued from Page 1)
their blood, but by their wit, wisdom and foresight," the speaker continued as he made reference to men like Thomas Paine, who helped draft the Declaration of Independence and John Brown, who, "by rousing a young nation's thinking, made way for the leadership of Abraham Lincoln."

To Marine Lt. Col. Miller, the letter "E" symbolizes eternal yearnings which, he pointed out, have come the nearest to reality beneath the Stars and Stripes, while "R" stands for reverence.

"Reverence has a rightful place in America for our democratic form of government is one in which the rights of the individual matter. We care for our brother and esteem his just privileges," the speaker added.

"The 'I' could only stand stand for independence," Lt. Col. Miller exclaimed. "It is that wonderful and glorious condition that enables each of us to be king and queen of our realm. We are not servants of the government; the government is our handmaiden, to execute the duties and needed services of people in all areas throughout the United States of America."

American Heritage a Challenge
As for the letter "C," he sees it as standing for challenge, the Flag Day speaker observed. "By the grace of good fortune, we have been born in this land of the free and are the recipients of countless blessings. But the invisible gift bestowed upon us all is the gift of challenge. We have our liberty, we have access to education, we have access to culture and the ladder that leads to the top," Lt. Col. Miller said, "but what are we going to do with this priceless heritage? It is our challenge—each of us as American citizens."

As for the last letter in "America," let it stand for "amen," the speaker said as he made reference to the religious guidance sought by the men who signed the Declaration of Independence and wrote the Constitution.

"For over 200 years these documents and the flags being displayed here tonight have kept us safe and made us great. We would do well to remember this and not forsake the pattern that has brought us this far.

"It's our flag and our America and our job to keep them strong. When we fly our colors,

we salute the blessings we enjoy in this great country," Lt. Col. Miller concluded.

On behalf of the City of Ridgecrest, Mayor Ted Edwards also presented brief remarks expressing appreciation at being invited to participate in the Flag Day ceremony. "Old Glory still causes hearts to beat a little quicker and brings a lump to the throat of Americans," the mayor stated. This country, he said, was the first nation on earth dedicated to religious liberty, and the American flag still symbolizes the greatest hope for human freedom.

Construction of a liberty bell from floral decorations arranged by officers of the Ridgecrest Elks Lodge also added to the color and ritual of this patriotic occasion, which was concluded by the burning of old and worn out flags and the playing of "Taps."

List of charges for damages to homes on Center revised

A revised list of charges for damages to homes on the Naval Weapons Center caused by tenants or their guests was released this week by Lt. Jg. D. R. Benedix, housing officer. The new charges will go into effect on Aug. 1.

Tenants have the choice of correcting the problem themselves or hiring help to have it done. If this is not done and Public Works Department employees are used, charges will be assessed.

The current schedule of charges is posted in the Housing Office. The types of problems that arise most frequently, with the estimated cost for remedying them, are as follows:

Chain link fence repairs, \$10 per man-hour; cleaning walls, cabinets, stove, refrigerator, etc., \$10 per man-hour; garbage disposal service, \$15 per service call; lawn replacement, 25 cents per square foot; lock changes, \$5 per lock;

Painting, \$50 (prorated on a 3-year basis, this is 1/36 times the number of months remaining times the cost of 16 cents per square foot per coat for an average room); Patio glass door replacement, \$75 for one large glass panel; rescreening, \$20 per door and \$10 per window; shrub replacement, \$15 each;

Repairing walls, doors, woodwork, floors, \$10 per man-hour (minor damage to walls from use of standard picture hangers and to floors from standard wall-to-wall carpet installation is considered normal wear and tear and is not charged to the tenant);

Sprinkler valve repair, \$15 per service call; window glass replacement, \$15 per small window (less than 4 sq. ft.) and \$30 per large window (more than 4 sq. ft.); yard cleanup, mowing and trimming, \$10 per man-hour.

Course offered in Files Improvement, Records Disposition

Enrollment is now open to NWC employees who are interested in attending a 2-day course in Files Improvement and Records Disposition that will be held at the Training Center on July 26 and 28, between the hours of 7:30 and 11:30 a.m.

This class, which is to be taught by Kayleen Martin and Eleanor Cohen from the Office of Finance and Management's Records Management Branch, is designed to help record keepers understand and apply basic rules relating to filing work.

Among the areas to be covered will be the elimination of needless filing, cross referencing, indexing and the use of filing aids such as color codes, labels, file guides, and recommended file folders.

In addition, there will be instruction on identification of record material, disposal of records and use of the Federal Records Centers for storage.

Employees interested in attending this course must submit an enrollment form via proper department channels in time for it to reach Code 094 no later than July 15.



EVERYONE CAN HELP — Consumers of soft drinks purchased at vending machines located throughout the Naval Weapons Center can do their part in the year-long test of an Environmental Protection Agency program to reduce litter at Federal installations by returning the empty cans to 55 gallon receptacles placed near the vending machines. Seen doing just that is Scott Gross, vending machine supervisor for the Navy Exchange. No trash—only empty beverage cans—is to be dropped into these green and white colored drums it was emphasized by Lt. M. S. Barnett, Navy Exchange officer. —Photo by Ron Allen

Conservation experiment to begin . . .

(Continued from Page 1)
various military installations will be evaluated in two areas — the cost of collecting the containers and the number of containers returned. A return rate of 50 per cent or more will be considered good.

The costs of the experiment includes labelling, collection and storage of the empties and refunding costs. The EPA, Department of Defense and a private consulting firm will all monitor the test.

It is his hope, Lt. Barnett stated, that it won't be necessary to hire anyone extra to handle the job of picking up the cans and bottles that are collected at the Navy Ex-

change and package store, as well as from special receptacles (55 gallon metal drums painted green and white) that will be placed in the vicinity of more than 80 soft drink vending machines located in buildings throughout the Center.

No deposit will be charged for soft drinks that are sold in cans from machines at locations like the bowling alley, Bennington Plaza snack bar, China Lake golf course clubhouse, and at the various vending machines mentioned above, but everyone will be reminded by signs posted both on the machines and on the nearby collection barrels to cooperate in the EPA beverage container test by returning their empties.

State taxes to be withheld from pay of military personnel

The Department of Defense will begin withholding state taxes from military paychecks for the following states beginning July 1, 1977:

Alabama, Delaware, Idaho, Iowa, Kansas, New Jersey, New Mexico, New York, North Carolina, Pennsylvania, South Carolina, Utah and Virginia.

Military income of residents of Idaho and Pennsylvania will be withheld only while members are stationed in those states.

New Jersey and New York laws currently provide specific criteria to determine whether service members will be considered residents of those states for tax purposes.

Additionally DoD plans to begin withholding taxes for the following jurisdictions beginning Aug. 1:

Colorado, District of Columbia, Indiana, Wisconsin, Massachusetts, Rhode Island and Maryland.

The following states are expected to join the withholding program in November:

Hawaii, Kentucky, Louisiana, Nebraska and Oregon.

There are no plans at this time to begin withholding of taxes for those states not listed above. Service members should consult legal assistance officers for the details of state laws which would affect withholding status.

Radio frequency allocation standards . . .

(Continued from Page 1)
stringently controlled as civilian systems to prevent radio frequency interference chaos. Systems that are not consistent with international regulations will not be allowed to be developed or operated.

It is interesting to note, Moore continued, that military requirements are never officially recognized in the development of regulations, and documentation supporting changes or additions to regulations cannot reference military needs or documentation. Military needs are by tacit assumption taken care of within the framework of the general regulations.

In order that Navy requirements are met, Navy representatives are participating in the work of the CCIR and other ITU organizations, and NWC personnel and other Navy representatives are aiding in the establishment of a U.S. position for the 1979 General World Administration Conference (GWARC) which is consistent with Navy needs.

Defense Procurement Management course begins here July 11

Applications for enrollment are now being taken for a course in Defense Procurement Management for Technical Personnel that will be held at the Training Center from 8 a.m. to 4 p.m. during the week of July 11 through 15.

The purpose of this course, which is to be taught by visitors from the Naval Material Command, is to provide non-procurement personnel who are associated with any of the various aspects of contracting with an understanding of the statutory and procedural requirement that form the basis of the contracting function.

Subject matter to be covered will be focussed upon the interrelationships between contracting personnel and other functions during the pre-award and post-award phases of the procurement process. Special emphasis will be given to such matters as soliciting sources, evaluating proposals, awarding contracts, and exercising proper post-award surveillance.

Employees interested in attending this course must submit a copy of Enrollment Form DD 1556 in quadruplicate via proper department channels in time for it to reach Code 094 no later than July 1.



FAREWELL GIFT — As a memento of his 32 years as an employee of the Engineering Department and its early day forerunner at the U.S. Naval Ordnance Test Station, Frank Sima received a Code 36 logo mounted on an onyx slab. The presentation was made last week by Dr. G. W. Leonard, (at left), department head, while Sima's wife, Shirley, stood by his side. Sima, who came to China Lake in 1944 as a technical aide involved in the rocket test work being conducted by CalTech, joined the ranks of Civil Service employees at NOTS on April 1, 1945, and remained with the Engineering Department for the more than three decades of his employment here. For the past 14 years prior to his retirement last Friday, he was a mechanical engineering technician in the Fleet Engineering Division. Before that time, he was employed first as a machinist and later as a planner-estimator.

will be established and other regulations adopted that will control telecommunications' developments and usage to the year 2000. The CCIR role is to provide technical inputs and recommendations to the GWARC on which the regulatory decisions are based.

Such inputs are contained in a collection of papers called the "greenbooks" and are available to every member of the ITU. Center personnel have written three such papers that are now being reviewed for submission to the international organization. If accepted, these papers (or information therefrom) will be included in the new editions of the "greenbooks," which will be utilized at the 1979 conference in Geneva.

In addition to their technical inputs, NWC personnel review other papers, help to coordinate activities of other government agencies (such as the FCC and OTP), and participate in committee meetings and decision making. Such work by employees at China Lake is being supported by the Naval Electronic Command's Technical Director's Office, with NAVELEX programs being managed by W. J. Cook, assistant to the Technical Director.

Dependents can shop in Exchanges with Ready Reservists

Dependents may now accompany Ready Reservists when shopping in Exchanges. This is a result of a recent change to Department of Defense regulations that was concurred in by the Chairman, House Armed Services Committee. Personnel in the Ready Reserve are allowed one day of Exchange use for each day of inactive duty training performed.

Past policy has permitted the spouse to accompany the Ready Reservist to the Exchange but not to make purchases. Other dependents, such as children of the Reservist, were not permitted to enter the Exchange, even if the parents were purchasing items of clothing for the child that required fitting. This irritant has had an adverse effect on Reservists' morale, according to DoD officials.

The change to the Armed Services Exchange Regulations will provide that dependents of a Ready Reservist will be permitted to accompany him/her when shopping in the Exchange. The dependents may not make purchases themselves. The reservist will continue to be the authorized patron and will have to make all purchases for his/her dependents.

Change in frequency for FM Station KLOS made

Rock and roll music fans who tune to Los Angeles FM Radio Station KLOS for regular musical entertainment can now pick up this station at a new frequency — 99.3 on the FM radio dial.

The changeover involving KLOS, which is one of four FM radio stations that are a part of the Indian Wells Valley TV/FM system, was made by Jim Rieger, a member of the local TV/FM Radio Booster Committee.

Rieger, who is an electronic engineer in the Range Department's Telemetry Technology Branch, advised that until a new antenna (which is expected to arrive soon) gets here and is installed, the power output for Station KLOS will be low.

R&D film showings set

Two showings of a Navy research and development briefing report in the form of a 20-min. unclassified film have been scheduled on Monday in Conference Rm. 1000-D of Michelson Laboratory.

The film, which will shown at 10 a.m. and again at 1 p.m., is open to all interested persons.

Subjects that are covered are the research vehicle Athena, a mechanized sorbent oil recovery system, underwater work system packages and remotely piloted vehicles.