



COLORFUL ATTRACTIONS — Two of the colorful events held during the Ridgecrest Chamber of Commerce-sponsored Hi-Desert Escapade weekend were the Standard Flower Show and wildflower exhibit at the Enlisted Mess and the Festival of Art in the Community Center. Both of these events benefited from the fact that they were staged indoors and not subject to the gusty winds that played havoc with a number of other activities on May 2-3. Show judges, (seen in top left photo) had a difficult time selecting the winners in the various divisions of the Standard Flower Show. All of the arbiters for this event are accredited by



the National Council of State Garden Clubs, Inc., and came here from out of town to judge the many entries. Getting a close look at the comprehensive wildflower exhibit that was a popular attraction at the Standard Flower Show are (l.-r.) Nancy and Ernie George and Eleanor Myer. The Community Center was turned into an art gallery for exhibiting the work of Desert Art League members during this year's Festival of Art. Also featured were demonstrations of oil and water color painting, pen and ink sketching, and the weaving of creative patterns of multicolored materials on a loom.—Photos by Don Cornelius and Mickey Strang

Installation of new officers scheduled Tuesday by WACOM

New officers of the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) for 1981-1982 will be installed at a luncheon on Tuesday, May 12, at the Commissioned Officers' Mess.

The new officers are Madeline Dienhart, president; Vivian Wright, vice president; Helen Estell, secretary; and Pat McCarthy, treasurer.

The installation will be followed by "Madeline's Mini-Variety Show." Madeline, who is billed as the "Singing MC," will introduce Terri Jacks, Ridgecrest's own professional ballet dancer, who will be doing her interpretation of "The Dying Swan."

Other entertainment to be spotlighted will be Ken Robinson's Dixieland Band, under the leadership of Jim McLane; Gretchen Hardacre, songstress and guitarist; songs by Lyle Gregory; and Jackie Haff and her Jazzercise Ladies.

Social hour will begin at 11 a.m. and lunch will be served at 11:45 a.m. Reservations must be in by Monday, May 11.

Open house slated at new meeting place of Navy Wives Club

An open house and coffee at the group's new meeting place will be held on Tuesday by Desert Flowers Chapter No. 125 of the Navy Wives Club of America.

This event is scheduled from 11 a.m. to 1:30 p.m. and from 7 to 8:30 p.m. in the former Station Restaurant, located at the corner of Blandy Avenue and Lauritsen Road.

Currently in progress at this location today is a yard sale that is being held to raise funds partly for the local group's contribution to the Navy Wives Club's national scholarship fund and partly for local charitable activities.

Membership in the Navy Wives Club is open to the wives of all active duty and retired Navy, Marine Corps and Coast Guard enlisted personnel.

The group's next business meeting, which is open to members and prospective members, will be held on Thursday, May 14, starting at 7:30 p.m. at the old Station Restaurant building. Additional information about the Navy Wives Club can be obtained by calling Diane Wadelin at 377-4594.

Oasis Garden Club plans annual tour of private gardens

The annual garden tour sponsored by the Oasis Garden Club of Indian Wells Valley will be held on Saturday, May 16.

Ten Ridgecrest gardens are included in the self-guided tour, which runs from 9 a.m. to 4 p.m.

Tickets are \$2 and may be purchased at the Tri-S Greenhouse, Mean's Nursery, or from any Oasis Garden Club member.

Included with each ticket will be directions to the homes included on the tour, and the names of plants, trees and flowers to be found in each garden.

The tour will give newcomers to the area an opportunity to see what vegetation thrives best in this desert climate.

Refreshments will be served at one of the homes, and plants grown by Oasis Garden Club members will be offered for sale.

U.S. Government Printing Office: 1981—No. 24

Information on real estate to be given at next FEW meeting. A talk entitled "Real Estate Information for Women" will be presented next Thursday, May 14, during a brown bag luncheon meeting of the Federally Employed Women (FEW). The meeting is scheduled in the Cactus Room of the NWC Community Center from 11:30 a.m. to 12:30 p.m., and the speaker will be Anna Marie Bergens, Ridgecrest real estate broker. Subjects to be covered will include purchasing a home, income property, second trust deeds, amount of down payment, and qualifications necessary for becoming a salesperson or broker. Mrs. Bergens, a resident of Ridgecrest since 1954, began working in real estate in 1966, became a salesperson in 1969 and a broker in 1974.

Unusual parade of aircraft planned today

This afternoon an unusual parade will take place down Sandquist Road to Lauritsen, and then down Lauritsen to Knox Road as the aircraft to be on exhibit will proceed at a stately 5-mile-per-hour pace to the Michelson Laboratory parking lot to prepare for tomorrow's Armed Forces Day display.

The helicopters that are scheduled to be viewed will be able to take off from their normal locations at Armitage Airfield and whirl their way to the viewing area where they'll be able to settle in comfortably on matting capable of supporting their weight (despite whatever temperature may hit the asphalt in the parking area).

LCdr. Byron Dieckman and others in the Aircraft Department have spent the past few weeks carefully measuring each section of the road and the aircraft to be sure that the two are compatible.

TOO CLOSE FOR COMFORT

For instance, the road width is 20 feet in most places. One of the aircraft that had tentatively been scheduled for display had a wheel width of 19 feet 6 inches — a margin too close to be able to risk towing the craft down several miles of roadway and around a couple of turns. As a result, only nine planes will be displayed instead of the ten previously anticipated.

Wings of the aircraft overlap the edges of the road enough so that all signs close to the road's edge have had to be torn out (by the roots) and replanted further from the road's edge until the aircraft have safely been towed back home to Armitage Airfield tomorrow afternoon.

The weight of the aircraft was checked against road standards to ensure that they would not sink into the road's surface. To be completely sure, one of the aircraft was gently towed across the airfield road last Friday and the surface checked — just in case specifications weren't accurate. The road surface promises to be adequate to serve as a taxi strip for the aircraft that will be displayed.

Overhead wires also had to be checked for clearance against the height of the aircraft wings and tail so that any that were not high

(Continued on Page 4)

Mosko is runner-up for ADPA's Crozier Prize

The American Defense Preparedness Association's (ADPA) silver medal, signifying that he had been singled out as the 1981 runner-up for the Crozier Prize, was presented on April 30 in Washington, D.C., to Joseph A. Mosko, microwave component consultant in the NWC Electronic Warfare Department's RF Development Division.

Winner of the Crozier Prize, who received a citation plus a \$1,000 award, was Dr. Richard Airey, a scientist assigned to the Office of the Undersecretary of Defense (Research and Engineering), who has gained fame for his work in the field of lasers.

The Crozier Prize is presented annually by ADPA for significant work in the field of scientific research that leads to new weapons system concepts. Mosko is currently conducting the only known anti-radiation work extending into the millimeter wave region.

Presentation of the Crozier Prize runner-up award was made to Mosko by Thomas Pownall, chairman of the ADPA national board of directors. The NWC employee received both the silver medal and a framed citation during a luncheon meeting that was part of a seminar on the subject of "Defense Initiatives of the New Administration."

The panel moderator was the Honorable Frank C. Carlucci, Deputy Secretary of Defense, and speakers, in addition to representatives of the Department of Defense, included Dr. James A. Wade, Jr., Principal Deputy Under Secretary of Defense for Research and Engineering, and Vincent Puritano, Executive Assistant to the Deputy Secretary of Defense. The Crozier Prize is given annually in



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA
Vol. XXXVI, No. 18

WELCOME TO ARMED FORCES DAY OLYMPIC (?) EVENTS

Novel approach to observance of Armed Forces Day coming up Saturday at NWC

Tomorrow will see the battle of the titans on the Little League Diamonds as the Olympic (?) Events roll forth in a new and different celebration of Armed Forces Day at the Naval Weapons Center.

For instance, leading off the afternoon's sports (?) events will be a battle between the Mean Machine (headed by Bob Hillyer and counting such avid athletes in its numbers as Burrell Hays, Vet Payne, and, incidentally, tennis-playing Will Haff) and another team known as In White (composed of couples calling the RF Division of the Electronic Warfare Department home).

This battle promises to be a dirty fight (especially since it'll be mud volleyball carried on in from 6 to 12 inches of the gooey stuff).

Armed Forces Day this year at the Center promises a new and different approach to the traditional day honoring the uniformed personnel defending America. This celebration will be a "family" celebration, with the family being the military and civilian personnel at China Lake and their

dependents. The day will begin with the first open house held at Michelson Laboratory in a number of years. The doors of the lab will swing open at 9 a.m. to all those who do not

The VX-5 Vampires have established themselves as the team to beat in NWC Olympic? Afternoon events coming up tomorrow (Armed Forces Day) at China Lake.

According to AD2 Tim Jenkins, the VX-5 athletic coordinator, his squadron welcomes all challengers, and is confident of the outcome.

"I've had no problem getting VX-5 people to sign up. They're ready to prove that the Vampires produce results — not hot air like that discharged by some of our competition."

normally have access to the heart of the Center's research and development efforts. Active and static exhibits will crowd the halls, lobby, and conference rooms, and the

computer will be set to take on all comers in such games as tic-tac-toe and 21.

The parking lot will hold nine of the Center's aircraft so that all who normally only see these planes far up overhead will be able to get a close look at them and the type of weapon systems that they carry.

Throughout the morning, films — "The Ranges of NWC" and "Desert Stewardship" — will be shown at half-hour intervals in the Michelson Laboratory auditorium.

Those who were farsighted enough to purchase tickets for the sumptuous Navy lunch can then adjourn to the Enlisted Dining Facility. Others will be able to either trudge to the Enlisted Mess or the Little League Diamonds to refresh themselves for the athletic Olympic (?) events.

At the Enlisted Mess, starting at 11 a.m., a 90-minute film, "Threshold," which graphically demonstrates how the aerobatics of the Blue Angels look from the cockpit of one of their aircraft, will be shown. During this showing and the ones scheduled at 12:30 and 2 p.m., those who wish to sip cool drinks, munch a bowl of chili or other refreshments will be able to sit in the air-conditioned building and watch

(Continued on Page 3)

Centerites ready to make splash for Navy Relief

Center personnel who'd like to work out some "hostility" in a good cause will have their opportunity tomorrow as the Navy Relief Society's fund-raising dunk tank will permit them to douse representatives of their favorite targets at the Olympic (?) afternoon.

The dunk tank will feature such dunkees as Public Works (represented by Lt. Ken Dorrell), the Navy Exchange (Lt. Rick Feauto), and Aircraft Maintenance (represented by LCdr. Byron Dieckman). Others who have already promised to be targets in a good cause include LCdr. Chip Lancaster, MA1 Edmundo Huerta, Ens. Sharon Beck, Ens. Dennis Eberhart, and AMCS Henry Ziegler.

Additional prominent NWC personnel (both civilian and military) have been volunteered for the honor of being dunked at three throws per 25-cent contribution, but have coyly not yet announced that they will be amenable to making such a public splash.

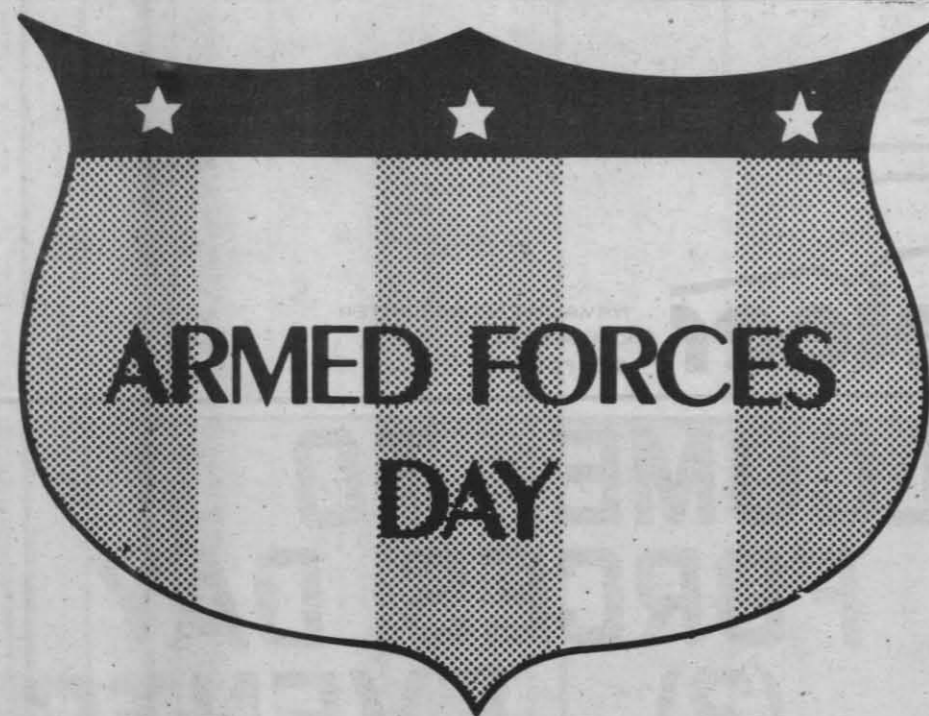
This spectacular event will kick off the 1981 Navy Relief Society fundraising drive, to be followed next week by a 5- and 10-kilometer run under the sponsorship of Air Test and Evaluation Squadron Five.

The regular Navy Relief Society fund drive carried on in the various codes throughout the Center began May 1.



SINGULAR HONOR — Joseph A. Mosko displays the 1981 Crozier Prize runner-up silver medal and framed certificate that he received from the American Defense Preparedness Association during an ADPA luncheon held last week in Washington, D.C. —Photo by Don Cornelius

MOVIES advertisement listing showtimes and titles for Friday, Saturday, and Wednesday. Includes titles like 'The Jazz Singer', 'Private Benjamin', and 'Melvin and Howard'.



Armed Forces Day

On Armed Forces Day America pauses to give special recognition to all members of our Armed Services. As has been the case for over 200 years, each generation of Americans has the obligation to pay a share of the cost for our freedom. It is because of you, the men and women of our Armed Services, and your families, that our nation and the cause of freedom remain strong.

You are our greatest national security asset. As a result of your skill and professionalism, your selfless devotion to duty, and your combat readiness, our nation enjoys peace.

All Americans everywhere join me in saluting you. You are in the forefront of a resurgence of national strength, self-confidence, and renewal of the American spirit. Among your fellow countrymen there is an ever-increasing recognition of your sacrifices and your contributions to our society. Well done and best wishes.

John Lehman
Secretary of The Navy

Armed Forces Day 1981 is marked by a renewed determination and commitment by the American people and their leaders for a strong and ready defense force. We are seeing a resurgence of national concern that America should have the finest fighting force.

Those of us in the Naval Material Command will have much to say about how successful the nation is in fulfilling its defense goals. We must justify the trust placed in us by meeting the challenge with renewed pride and professionalism.

Armed Forces Day is traditionally the time when the Defense Establishment reports to the American public. On this Armed Forces Day let us report to our fellow citizens, "You may be as proud of your United States Navy as we are to be a part of it."

Admiral A. J. Whittle, Jr., USN
Chief of Naval Material



The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California
Captain W. B. Haff
NWC Commander
R. M. Hillyer
Technical Director
S. G. Payne
Public Affairs Officer
Don R. Yockey
Editor
Mickey Strang
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Editorial Assistant

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003, Phones 3354, 3355

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment/Wage & Classification Division, Code 092, Ext. 2069. 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-116C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 06007, Interdisciplinary Position: Mechanical Engineer, DP-830-3; Electrical Engineer, DP-850-3; Electronics Engineer, DP-855-3; Aerospace Engineer, DP-861-3, PAC No. 8104505E, Code 0631 — Position is located in the Air Projects Office of the Test and Evaluation Directorate. Incumbent serves as test engineer having responsibility for identifying and establishing test and evaluation (T&E) programs for A-6/A-7 aircraft avionics systems. After planning the test program the incumbent monitors and analyzes the aircraft system's development in order to assure that the T&E plan will result in a true measure of the effectiveness and suitability of the system. Position serves as test conductor on the more complex tests. Analysis, evaluation and reporting of test results is also required. **Job Relevant Criteria:** Ability to analyze and thoroughly understand the requirements of complex technical programs; knowledge of A-6/A-7 avionics; knowledge of data analysis and assessment techniques; ability to motivate and persuade others to follow a course of action; ability to communicate well both orally and in writing; ability to effectively implement EEO/Affirmative Action Programs.

Announcement No. 0630, Payroll Technician, GS-54576, PD No. 800803, Code 0841 — This position is located in the Payroll Office, Accounting and Disbursing Division, Office of Finance and Management. The incumbent's responsibilities will include, in addition to the duties performed by journeyman payroll clerks, the responsibility for the accuracy of the computation of all non-standard actions for their respective sections: the preparation of payroll and labor reports, expertise on payroll procedures for special groups, determining and computing of retirement pay and training new or rotating payroll clerks. **Job Relevant Criteria:** Knowledge of computerized payroll systems; knowledge of and ability to interpret federal payroll and leave regulations; knowledge of leave and labor accounting; ability to work well with others. Previous applicants need not apply.

Announcement No. 26-089, Transportation Equipment Operations General Foreman, WS-5701-13, JD 782659E, Code 2678 — Position is located in the Operations Branch, Transportation Division of the Public Works Department. Incumbent supervises a work force consisting of first level supervisors involved in motor vehicle and related trades. Assigns jobs to subordinate foremen. Provides technical and administrative guidance to subordinates. Implements and enforces shop policy and instructions. Coordinates activities of his unit with those of other shops. **Job Relevant Criteria:** Ability to supervise through subordinates; ability to plan and organize work; knowledge of different relevant lines of work; ability to work with others; ability to meet deadline dates under pressure; ingenuity (ability to suggest and apply new ideas); ability to confront people problems (EEO) Supplemental qualification statement is required and may be picked up at the reception desk in Room 210 of the Personnel Building, 5F-171 and the Supplemental to be received no later than May 22.

Announcement No. 29-090, Boiler Plant Operator, WG-5402-10, JD No. 332N, Code 26433 — Position is located in the Maintenance and Utilities Division, Public Works Department. Incumbent will control the operation of two to four oil or gas fired steam boilers in a central plant. Boilers are operated at constant pressures and temperatures for industrial processes and heating purposes. Also operates other steam powered equipment. The work requires climbing of stairs and ladders up to 30 feet, and lifting of items weighing up to 100 pounds. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; technical practices; handtools and measuring instruments; ability to understand and apply instructions and specifications; ability to work safely. Supplemental qualifications statement is required and may be picked up at the reception desk or in Room 210 of the Personnel Building.

Announcement No. 26-091, Accounting Technician, GS-525-4, PD No. 7926011N, Code 2651 — Position is located in the Personnel Support Branch, Housing Division of the Public Works Department. The incumbent performs a variety of accounting duties in connection with the collection of shelter rents, utilities charges, security deposits, and miscellaneous charges (loss, damage); refunds associated with such collections, and maintenance of accounting records in support of such collections, refunds and other adjustment. **Job Relevant Criteria:** Knowledge of bookkeeping and accounting methods and techniques; ability to work independently; ability to work with computer generated reports.

Announcement No. 26-092, Electrician, WG-2885-10, JD No. 457N, Code 26415 — This position is in the Maintenance-Utilities Division of the Public Works Department. Working from drawings and specifications, the incumbent plans, lays out, constructs, installs, tests and troubleshoots electric and electronic equipment, applying the whole range of electric journeyman skills to unusual requirements and conditions. Repairs and troubleshoots electrical and electronic equipment intended for use in experimental and developmental equipment. Designs, fabricates and installs power requirements for foreign and domestic systems, for computers and for grounding systems at radar sites. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; use of electrical test equipment; knowledge of electrical theory; electrical drawings; hand and power tools; safety and dexterity; technical practices. Supplemental qualifications statement is required and may be picked up at the reception desk or in Room 210 of the Personnel Building.

Announcement No. 3624 — Supervisory General Engineer, DP-840-4, PAC No. 8104505E, Code 366 — This is a temporary position not to exceed 1 yr. The position is that of head, Fleet Engineering Division, Engineering Department. The incumbent is responsible to the head, Engineering Department for providing engineering services to the Fleet in support of NWC developed or managed

weapons throughout the life cycle of the weapon systems. This includes identifying and establishing Fleet environmental requirements to the development groups; providing complete Integrated Logistics Support (ILS), including basic analysis and planning of all elements therein; implementation of the ILS plan, including project management of maintenance engineering, ILS and basic design for selected in-service weapon systems; training of Fleet personnel in handling, testing, assembly, and loading of weapons and related equipment; monitoring weapon system performance and system design deficiencies. In for direct feedback to NWC weapon systems managers on system performance and system design deficiencies. In addition, the incumbent has responsibility for the overall operation of the test and evaluation facilities of the Central Engineering Test Laboratory, including environmental, mechanical, structures and data analyses laboratories and the Naval Weapons Center environmental chamber. This includes performing and conducting environmental engineering, simulations, analyses and tests in these various fields in support of Center projects, and coordinating engineering efforts in systems testing and evaluations. The incumbent provides management and primary technical support on assigned conventional weapon programs, with major emphasis on the resolution of production problems by the initiation of design changes, evaluating changes proposed by contractors, and conducting test programs and reliability programs. To accomplish these functions the incumbent must staff, develop and supervise the activities of over 80 engineers and technical specialists organized into four branches and a program office. **Job Relevant Criteria:** Ability to supervise a large work force through subordinate supervision. Broad and detailed knowledge of weapon design, development, documentation, test, evaluation, product support of a weapon system, and program management experience and/or understanding. Understanding of the material acquisition process. Knowledge of DoD contracting procedures.

Announcement No. 61006, Aircraft Electrician, WG-3892-10, JD No. 462N, Code 6213 — Position is located in the Instrumentation/Avionics Branch, Aircraft Support Division, Aircraft Department. Typical work involves the fabrication and installation of wiring and electrical components in pods and aircraft; and fabrication, installation and removal of experimental cabling and electrical equipment. **Job Relevant Criteria:** Ability to plan operations and exercise initiative; ability to operate test equipment; knowledge of electrical theory and instruments; ability to read and interpret circuit diagrams blueprints, and schematics. Note: Completion of Supplemental information is required; obtain form at the reception desk, Personnel Department.

Announcement No. 94-003, Audiometric Technician/Medical Machine Aid, GS-649-3/4, PD No. 8194005N, Code 94 — This position is located in the China Lake Branch Clinic of the Naval Regional Medical Center. The primary purpose of this position is to locate personnel

(Continued on Page 7)



DIVINE SERVICES

PROTESTANT	
Sunday Worship Service	1000
Sunday School - All Ages	0830
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	
Sunday	0830 1130
Nursery, Chapel Annex 1	0815 1245
Daily except Saturday, 1135 Blessed Sacrament	Chapel
CONFESSIONS	
Daily	1115 to 1130
Sunday	0800 to 0825
Sunday	1100 to 1125
RELIGIOUS EDUCATION CLASSES	
Sunday Pre-school thru 11th grade	1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant	
Sunday afternoon 12th grade	1430
As announced "Home" Discussion Groups, and Youth Palties	
Contact Chaplain's Office for specifics.	
JEWISH SERVICES	
EAST WING - ALL FAITH CHAPEL	
Sabbath Services every Friday	
UNITARIANS	
CHAPEL ANNEX 95	
Sunday Services 10:00 a.m., 11:00 a.m., 1:00 p.m.	1930

Riverside runner repeats as winner of 10-mile Inyokern race

More than 140 runners turned out last Sunday to take part in the Over-the-Hill Track Club's (OTHTC) annual 10-mile Inyokern run.

After strong, gusty winds on Saturday, the weather improved on Sunday morning — making for generally good running conditions with occasional moderate breezes blowing into the faces of the runners.

The winner of this event was Don Contreras of Riverside, who was clocked at 58 min., 29 sec. He also won the 10-mile Inyokern run last year, as well as in 1978.

Another runner from Riverside, Denise Bedford, posted the fastest time for the women entrants in the race. She crossed the finish line in 72:22.

Runners-up in the men's division were OTHTC members Frank Freyne and Mel Foremaster, whose second and third place times were 60:19 and 60:24, respectively, while John Stoessel, formerly of Ridgecrest but now working in the Los Angeles area, came in fourth with a time of 60:31.

Top contenders among the women entrants in the Inyokern run, in addition to the winner, and their times, were: Lindsey Shaw, second place in 73:36; Dianne Lucas, third in 74:42; and 12-year-old Delores Kratz, whose time of 75:36 earned her a fourth place award.

Books about fishing available on shelves of Center Library

By Elizabeth Wilkie

The Center Library suggests fishing as a way to relax and get away from the desert heat.

In "Modern Fresh and Salt Water Fly Fishing" Charles F. Waterman discusses equipment, casting methods, and the skills needed to catch the "big one."

Lefty Kreh uses clear, practical terms and helpful photographs in "Fly Fishing In Salt Water" to provide readers with just about everything they need to know about this exciting sport.

"Line Down!" by Jack Samson brings alive all the excitement of the special world of big-game fishing.

Whether the reader is an old hand at bringing them in, or a beginner who has yet to find a hook in salt water, he or she will find a wealth of information in "How to Fish the Pacific Coast," by Red Cannon.

Vic Dunaway's "From Hook to Table" is about every aspect of fish handling from the time the fish leaves the water to the time it is cooked and served. It contains recipes, plain and fancy, for both indoor and outdoor fish cookery.

The above titles are just a sampling of the titles available in the Center Library that offer helpful hints for the beginner and additional know-how for the veteran anglers.

Readers who do not own their own fishing and camping equipment may rent, from Special Services, such items as boats, motors, camp trailers and sleeping bags. For more information call Carol Hape at NWC ext. 3252.

Bowlers to represent NWC in MDISL tourney

A combined civilian and military team will represent the Naval Weapons Center in the Mojave Desert Inter-service League (MDISL) bowling tournament to be held tomorrow and Sunday at Edwards Air Force Base.

Bowlers from 10 military bases from as far away as Los Angeles and Las Vegas, Nev., will be vying in singles, doubles and team events.

Civilian members of the NWC team are Billy Esch, Thad Brightwell, and John Therning. They will be joined by Cdr. Jim Kincheole and two other military bowlers whose identity wasn't known at press time for this issue of The ROCKETEER.

run, nine OTHTC members traveled to Lone Pine to compete in grueling 10-mile and cross country marathon races.

The course for these races follows hilly dirt roads and trails and also crossed streams — making the marathon event one of the most difficult of its kind in the country.

Local marathon runners and their times were: Eric Kajiwara, 3 hr., 58 min., 6 sec.; Tom Rindt, 4 hr., 7 sec.; and John Anderson, 4 hr., 36 min.

Those entered in the 10-mile run and their times were: Christian Heunneke (82 min., 9 sec.), Neil Krenzel (82:15), Scotty Broyles (84:29), Paul Meyers (88:12), Werner Hueber (90:27), and Robin Hill (91:02).

NWC employees may be more health, energy conscious

Naval Weapons Center employees may be more health and energy conscious than most U.S. job holders.

Twenty-one percent of Center employees choose to ride bicycles or walk to work, according to the NWC Energy Program Office, while in the U.S. in general only 5.6 percent choose this mode of transportation.

The Energy Office also notes that 78 percent of Center job holders drive to work, and less than 1 percent use public transportation.

Again NWC strays from the national average, since 89.9 percent of U.S. workers drive to work and 4.5 percent take advantage of public transportation.

Only 44.2 percent of Western Europe's employed get to work by car, according to the publication "Urban Transportation Abroad."

Public transportation is used by 19.2 percent of the Europeans, while 17.5 percent walk and 13.9 percent ride bicycles.

Walking is the favored means of getting to the job in Ireland (23.3 percent). Britains use public transportation (24.5 percent). The Dutch — 35.4 percent of them — prefer bikes and mopeds.

Of the Western European countries, Belgium has the highest number of people driving, with 49.5 percent of the working population taking to the roadways.

Soccer results

(Continued from Page 6)

Roughnecks last Saturday afternoon at Davdove Field. Bill Ledden, with assists from Matt Maloof and Craig Wilson gave the Kicks a 2-1 first half lead. The Roughnecks countered with third period goals by Scott Parmenter and Steven Hill to move into a 3-2 lead after three quarters of play.

In the final period Brian Lindsey scored for the Roughnecks, with an assist from Parmenter, to register goal No.4 for the Roughnecks, but Ledden assisted Bill Hugo on one goal and added another unassisted for the Kicks' final two scores that knotted the count at 4-4.

The 0-0 tie between the Surf and Tornado was a well-played game in which players from both teams finally resorted to desperate attempts late in the game that failed to produce scores.

The Gunners picked up another win at the expense of the Wolves, their Division Seven opponents — winning by a final margin of 8-3 in last Saturday's game. Kevin Featherston and Ricky Bullard scored three goals each for the Gunners, who also picked up 2 more points on goals by Seamus Freyne and Sam Greemun. The Wolves got two goals from Vince Caffee, including one on a penalty kick, and another by Mike Hugo.

Do your cooking and use other heat-generating appliances in the early morning and late evening hours whenever possible. Open the windows instead of using your air-conditioner or electric fan on cooler days and during cooler hours.



BEST OF SHOW — More than 300 visitors attended the Desert Ceramic Club show and sale held at the Community Center on Sunday and Monday April 26-27. Helen Powers, Rahdsma Henderson, and Michele Mullet (l.-r.) won honors as Best of Show in the respective categories of combination glazes, newcomer, and public vote. There were a total of 189 entries in this year's show, which boasted a greater variety of techniques than usual including hand modeled items, porcelain reproductions of antique dolls and lace drapings. —Photo by Don Cornelius

Sylvia Winslow Exhibit Gallery opens at Maturango Museum

The new Sylvia Winslow Exhibit Gallery at the Maturango Museum opened recently with an inaugural exhibit. The exhibit will continue through July 17.

Featured at the exhibit is "Indian Art of the Past," a special collection of paintings and photographs created by the Porterville College Rock Art Recording Project. The paintings are on loan from the Porterville College Art Gallery.

The exhibit is dedicated to the Yokuts artists who originally painted the designs on granite rocks in what is now known as Tulare County. Since it is their creativity and originality that was used as a basis for the modern reproductions being shown at the exhibit, credit for the sensitivity and beauty of the designs belongs to them.

Three paintings are being offered by artist Don McCauley. Those who donate \$1 to the special fund for operating the new gallery will have an opportunity to own one of the paintings. McCauley will donate one-third of the money received from the sale of the remaining two paintings to the museum fund.

McCauley's Indian paintings, which are currently on display at Community First Bank in Ridgecrest, include two watercolors valued at \$575 each, and an oil painting

worth \$375. Proceeds from all donations will go toward insurance costs, operations, and maintenance of the new gallery.

The Sylvia Winslow Exhibit Gallery is the product of a hard-working group of volunteers and generous donors, including Robert Brown, Byron Butler, Gordon A. Fawkes, Tina Knemeyer, Carol Panlaqui, Clayton Panlaqui, Lynne Panlaqui, Dr. Marguerite (Peggy) Rogers, Bill Ward, Mary Witcher, and the Maturango Museum Exhibit Gallery Committee.

The Maturango Museum Exhibit Gallery Committee includes Ruth Amster, chairman and associate curator for art; Byron Butler; Helen Johantgen; Gretchen Joiner; Leo Nowak; Don McCauley; Don Rosenberg; Charles L. Smith; Betty Speckels; and Sylvia Winslow.

Special donations for the gallery, in addition to the original painting by McCauley, are a gallery sign by Walt Koerschner; nine gallons of interior paint by the Home Decorating Center, and large potted plants from Tri-S Greenhouse Nursery.

Future gallery exhibits will include other traveling exhibits, photography, sculpture, topical exhibitions, temporary exhibits, local art, items on loan from other museums, and various timely showings.

Promotional opportunities

(Continued from Page 2)

that work in high noise areas, perform baseline audiograms for them, and perform follow-up audiograms as appropriate. The incumbent will also fit and dispense hearing protective device for personnel exposed to noise in addition to performing checks to make certain that audiometric equipment readings are accurate. **Job Relevant Criteria:** Ability to work well with people; ability to learn standardized audiometric procedures. Promotion potential to GS-5 based on additional duty of noise surveys.

Announcement No. C0822, Supervisory Waitress, NS-2, \$4.44 per hour plus benefits, permanent, part-time, hours: 10 a.m. to 2 p.m., Monday through Friday, Commissioned Officers' Mess (Open) — This is not a Civil Service position. Supervise waitresses and food service workers; act as hostess and cashier; inspect dining area for proper setup; receive and adjust complaints; schedule employee meetings on policy and procedures; check appearance of personnel. **Qualifications:** Willing to follow instructions; able to deal with patrons in a tactful and diplomatic manner; knowledgeable of all dining room techniques. This is a re-advertisement of C0819. Previous applicants need not apply.

Announcement No. C0823, Food Service Worker, NA-3, \$3.69 per hour plus benefits, permanent, full-time, China Lake Golf Course Snack Bar — This is not a Civil Service position. Duties are to mix and serve alcoholic drinks; prepare and cook "short order" foods; clean work area; do required paperwork. **Qualifications:** Willing to follow instructions; be able to serve alcoholic drinks and short order cooks. This is a re-advertisement of C0811. Previous applicants need not apply.

Announcement No. C0821, Bartender, NA-5, \$4.40 per hour plus benefits, permanent, full-time, Commissioned Officers' Mess (Open) — This is not a Civil Service

position. Alternating day and evening shifts; mixes and serves alcoholic and soft drinks; other duties as assigned. **Qualifications:** Willing to follow instructions; should be experienced in tending bar; able to deal tactfully with customers.

Announcement No. G5813, Greens Keeper, NA-4, \$4.05 per hour plus benefits, permanent, full-time, China Lake Golf Course — This is not a Civil Service position. Maintains grounds and turf of golf area; connects sprinkler and hose for irrigation; digs and rakes ground; may plant, trim, and spray trees and shrubs; other duties as assigned. **Qualifications:** Must be in good physical condition and able to lift at least 100 lbs.; be able to understand verbal instructions and carry them out properly; able to obtain government driver's license.

Announcement No. G2814, Laborer, NA-1, \$3.35 per hour, temporary, full-time, (2 positions), China Lake Golf Course — This is not a Civil Service position. Unloads truck and stacks merchandise; uses simple tools; performs cleaning tasks; observes safety regulations; other duties as assigned. **Qualifications:** Must be able to lift 80 lbs.; should have skill in use of tools such as lawnmowers, shovels, trimmers, etc.

Announcement No. C0814, Food Service Worker, NA-1, \$3.35 per hour plus benefits, permanent, full-time, Chief Petty Officers' Club (Open) — This is not a Civil Service position. Removes bus trays from dining area; keeps silverware, china, pots and pans, dishwasher, kitchen and food preparation area clean; sweeps and scrubs deck and places all utensils in proper place; helps set up ballroom for special parties. **Qualifications:** Have basic knowledge of how to operate dishwasher and be able to follow simple instructions; be able to obtain health card.

Apply for non-Civil Service positions with Betty Chestnut, Bldg. 21, Ph. 3387.



Burroughs alumni basketball, football games set May 15-16

Graduates of Burroughs High School have been working out the kinks in preparation for the fifth annual alumni football and basketball games that will be played on Friday and Saturday, May 15 and 16.

Ex-basketball players will tangle at the BHS gym in contests scheduled at 6 and 8 p.m. on May 15.

Opposing teams will be made up of graduates of even- and odd-numbered years. In the first basketball game of the evening, graduates up to and including 1974 will compete, and the nightcap will feature players who received their diplomas between 1975 and 1980.

Graduates of even- and odd-number years also will form opposing teams for the football game that will be played on Saturday night, May 16, starting at 6 p.m.

Barbecue equipment will be set up on the practice field at the Burroughs High School stadium, and hamburgers will be grilled and sold along with soft drinks prior to the start of the football game on May 16.

Ex-BHS athletes hankering to get in on the action and help raise funds for this Century Football Association program that is aimed at enabling improvements to be made in Burroughs High School athletic facilities can get player registration forms from Gary Charlton at the Vinyl Disc store in Ridgecrest, or from Mike Breeden at Clancey's Claim Co.

General admission is \$3 for either the basketball games or the football contest, with holders of BHS Associated Student Body cards and children admitted for \$1.50 each. Ticket stubs for either the football or basketball games will entitle the holder to attend a dance on Saturday night, May 16, at Joshua Hall on the Desert Empire Fairgrounds.

Alumni who were cheerleaders during their high school days are invited to turn out and lead the rooting sections during both the basketball and football games.

Gary Charlton will be the player-coach of the even-year football team — a group that has yet to meet defeat in this annual alumni competition. Hoping to turn things around this year is a nucleus of gridders from the Burros 1977 varsity football squad.

Season's last two games forfeited by Burros varsity nine

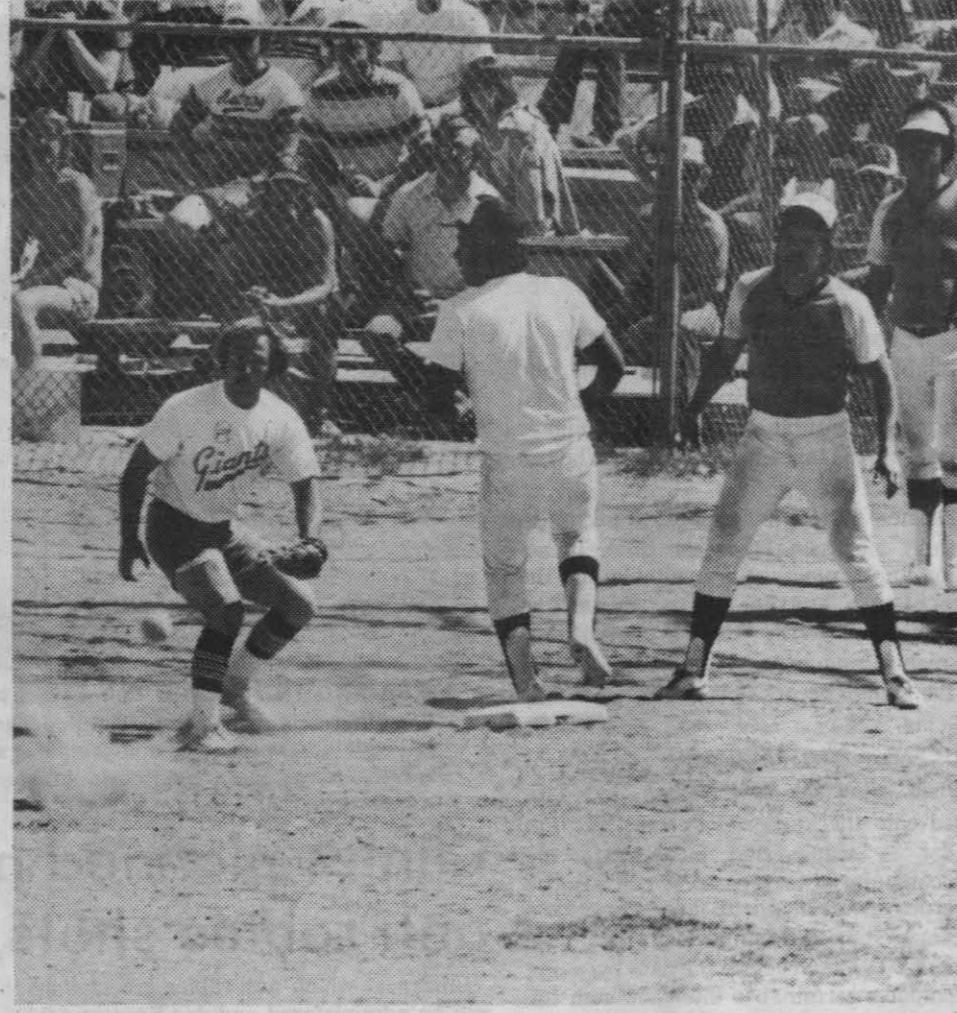
A violation of the student athletic code that is signed by all participants on Burroughs High School teams led to the decision to cancel the final two games on the varsity baseball team's 1981 schedule of play.

According to Mike McGrath, principal of the local high school, this additional action was taken in the wake of a "disciplinary incident" on the school bus on Tuesday of last week.

That afternoon, the Burros had been scheduled to travel to Quartz Hill, but the trip was called off and the game was forfeited to the Rebels.

After some indecision regarding whether or not to play the final games of the 1981 Golden League season against Hart High School here on May 5 and this afternoon at Antelope Valley High School in Lancaster, school authorities ruled that both of these games also should be called off and forfeited to the opposing teams.

As a consequence, the BHS varsity baseball team ended its 1981 season with a league record of 2 wins and 10 losses, and an overall mark of 6 and 16.



PRE-SEASON TOURNEY HELD — Windy weather made for less than desirable playing conditions at times during the slow pitch softball tournament held last Friday, Saturday and Sunday. The Giants of El Monte (a team shown in action here) won the tourney title, but were forced into a 2-game playoff by the Camarillo Health Club squad. Camarillo edged the Giants 12-11 in the semi-final contest, but came back strong to register a 24-17 victory in the championship tilt. Runners-up were the La Mancha Dons of Palm Springs, third, and JD's Renegades of Ridgecrest, who placed fourth. —Photos by Don Cornelius

Youth soccer games well played on windy day

In spite of strong winds, some topnotch soccer was turned in last Saturday by teams competing in the Youth Soccer League's sixth weekend of play in the current season.

In Division One action, the Hawks and Owls trounced the Cougars and Panthers by scores of 6-0 and 5-0, respectively, while the Eagles outscored the Coyotes 2-0, and the Cobras and Roadrunners battled to a scoreless tie.

The Hawks overpowered the Cougars on two goals each by Danny Moldenhauer and Brad Bays. A penalty kick by Jonathan Graham added another score to the Hawks' total, and Patrick Garrison also got in on the scoring act for the winners.

Five players broke into the scoring column for the Owls in their 5-0 win over the Panthers. Dirk Hartman tallied on a wind-assisted goal from midfield. Other goals were scored by Derek Brown, Zack Bird, David Bartels, and Phillip Hallberg.

Two goals by Ted Mechtenberg, including one on an assist by Greg Mills, accounted for all of the scoring in the Eagles' 2-0 win over the Coyotes. Mills, who had done a good job of working the ball into scoring position, nearly got the goal himself, but his near miss was tapped in by Mechtenberg.

A decisive 3-0 win by the Express over the Fury highlighted play in Division Two of the Youth Soccer League. Other scores last Saturday were Apollos 1, Sunshine 0, while the game between the Chiefs and Rowdies ended in a scoreless draw.

In a contest that was dominated by the Express, Shawn Hamilton scored twice and Lance Kilpatrick nudged the ball into the net once to give the Express a 3-0 victory over the Fury.

Both teams pressed their opponent on offense but, in spite of tries for a goal, the game's only tally came on an unassisted score by Danny Mather in the Apollos' 1-0 win over the Sunshine.

The Rowdies, who were shorthanded with just nine players, still managed to stymie any scoring efforts by the Chiefs in this game that ended in a 0-0 tie.

Three close, well-played games went into the Division Three record book following last Saturday's Youth Soccer League play. Results were: Earthquakes 2, Aztecs 1; Cosmos 1, Lancers 0; and Blizzard 2, Sockers 0.

Additional information can be obtained by calling either Lt. Col. Dave Burlin, NWC ext. 5479, or Lt. Gary Pritchard, at ext. 5252.

Preparations for Golden Anchor Golf Tourney being made

Preparations are now being made and registration is open for the 11th annual Golden Anchor Golf Tournament, sponsored by the Chief Petty Officers' Club, that will be held on the weekend of June 6 and 7.

This is a partner's best ball event that is open to all CPO Club members and friends. The entry fee is \$75 per team and Southern California Golf Association (SCGA) handicaps for the month of June will be used to equalize the competition.

At stake will be 12 net score prizes that will be awarded along with low net score prizes for teams and individuals who turn in the best scores (without handicap) on each day of this two-day event.

In addition, there will be awards for the golfer whose tee shot on hole No. 8 and hole No. 17 stops closest to the pin on Saturday or Sunday, respectively. There also will be a putting contest on both days.

The team entry fee covers the cost of a dinner and dance that will be held on Saturday, June 6, at the CPO Club, and also a buffet on Sunday, June 7, during which winners in the various divisions of the tournament will receive their awards.

Tournament registration forms are available at the CPO Club office and at the China Lake golf course pro shop. Monday, June 1, is the deadline for entries in the Golden Anchor Golf Tournament. The completed forms should be turned in at the CPO Club office.

Additional information can be obtained by calling Ed Donohue at NWC ext. 3133.

Atoms that ended in a 1-1 tie. The single goal for the Drillers was tallied by Carl De Haan.

In abbreviated, round-robin contests between the three other teams in this division, the Strikers and Timbers defeated the Boomers by scores of 1-0 and 2-1, respectively, while the Strikers and Timbers battled to a scoreless tie.

Bob Hudson scored the only goal of the game in the Strikers' 1-0 win over the Boomers, while the Timbers put in a claim for a "moral victory" since, even though outnumbered 11-3 by the Strikers, the Timbers held their opponents to a scoreless tie despite the fact that they had the wind against them as well.

Unassisted goals by Brian Johnston and Matt Mechtenberg led their team (the Timbers) to a 2-1 win over the Boomers.

Except for a scoreless tie, high scoring games were the trademark of last Saturday's action in Division Five of the Youth Soccer League.

Victors by impressive margins were the Sounders, Diplomats and Sting, who defeated the Hurricane, Whitecaps and Rogues by scores of 4-1, 4-0, and 4-0, respectively. Other results were Roughnecks 4, Kicks 4, and Surf 0, Tornado 0.

The Sounders broke open a close game in the second half by a relentless offense that produced goals by Tim Wee, Marty Wyatt, Jon Bainbridge, and Jason Cherry. Craig Rindt scored on a penalty shot for the Hurricane to account for his team's lone tally.

Topnotch teamwork by the Diplomats paid off in a 4-0 win over the Whitecaps. Goal scorers were Craig Roberts, Scott Piri, Bill Corley, and Mike Mills, with assists being credited to Shaw Carter (2), Roberts and Piri.

Three goals by Guy Stanton helped the Sting to roll up a 4-0 win over the Rogues. Goal No. 4 was tallied for the victors by Tom Dobbs, assisted by Dave Owens. It was a 1-0 game at the half, but Stanton got the second half of the game underway with a goal on a penalty kick, and the Sting rolled on from there to post an easy win.

A two-goal rally by the Kicks in the fourth period earned them a 4-4 tie with the

(Continued on Page 7)



LETTER OF COMMENDATION PRESENTED — Just prior to his departure for NAS Oceana, Virginia Beach, Va., PRCS Ronald E. Allen (at right) received a framed copy of a letter of commendation for his efforts here while serving as head of the Test Operations Branch in the Parachute Systems Department. The presentation was made by Capt. W. B. Haff, NWC Commander.

PRCS Allen commended for part in parachute equipment tests

A letter of commendation congratulating him for the outstanding manner in which he carried out his duties as head of the Test Operations Branch in the Parachute Systems Department was presented last week to Senior Chief Ronald E. Allen by Capt. W. B. Haff, NWC Commander.

The presentation took place on the eve of the transfer of PRCS Allen from the Naval Weapons Center to Attack Squadron 34 at the Naval Air Station Oceana, Virginia Beach, Va.

PRCS Allen, who moved here in June 1979 with other personnel from the National Parachute Test Range at El Centro, Calif., was commended for his superior leadership qualities and unflinching dedication to duty while charged with the training and safety of naval test parachutists.

His responsibilities also included the employment of test parachute equipment in research, development, test and evaluation of parachute systems and related development programs assigned to NWC.

Through the efforts of PRCS Allen, it was noted in the letter of commendation he received, the Test Operations Branch was established as a highly visible and effective

Differential rate for electric power is now in effect

Southern California Edison Company's summer schedule for differential rates is now in effect and will continue to the end of October.

On-peak hours (and costliest by far for each unit of electricity used) are 1 p.m. to 7 p.m. Mondays through Fridays. Mid-peak hours are from 9 a.m. to 1 p.m. and 7-11 p.m. Mondays through Fridays.

Off-peak rates apply from 11 p.m. to 9 a.m. Mondays through Fridays and all day Saturdays, Sundays and holidays.

Under current rates, on-peak power costs approximately 11 cents per KWH; mid-peak power costs 6.25 cents per KWH; and off-peak power costs 5.5 cents per KWH.

According to statistics from the NWC Energy Program Office, on-peak consumption on the Center is 22 percent of total consumption and reflects 35 percent of the total cost. Mid-peak consumption is 27 percent of the total consumption, reflecting 25 percent of the total cost.

Off-peak consumption is 51 percent of the total consumption and represents 40 percent of the total cost.

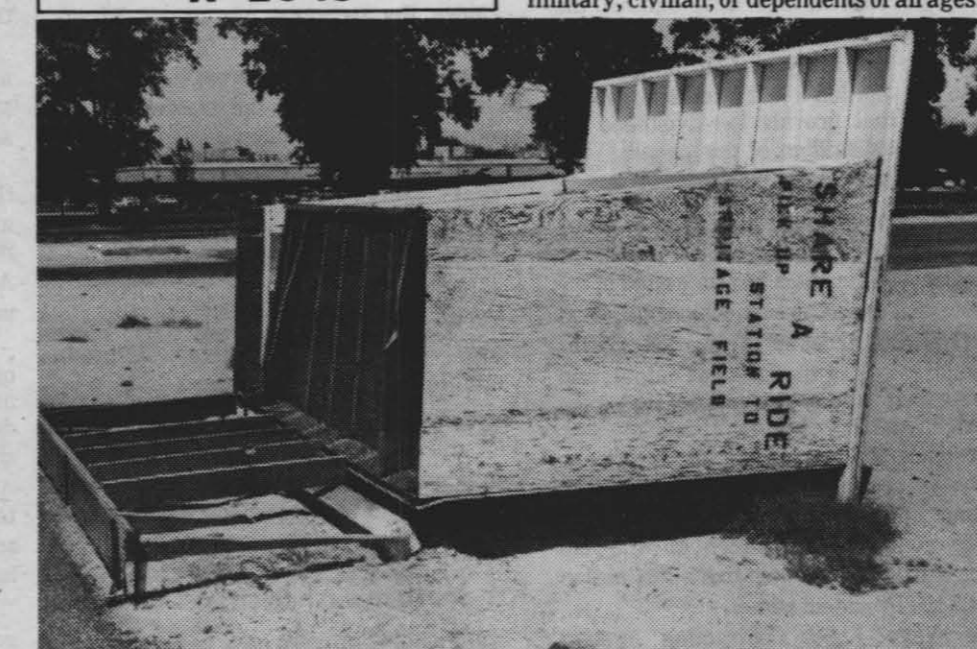
Anyone who requires large amounts of electricity for test and other operations is asked to schedule them for mid-peak and off-peak hours when possible.

part of the NWC Parachute Systems Department. This, in turn, served to advance the Center's ability to meet the increasing needs for support of critical Fleet requirements.

Special mention was made of PRCS Allen's direct participation and professional expertise in connection with the Ripcord Pull Tests, Parachute Entanglement Avoidance Technique, and Sea Water Actuated Release System programs.

PRCS Allen's role in these tests "was invaluable and has provided a substantial contribution toward the development and aircrew safety equipment/procedures for which these programs were designed," it was stated in the letter of commendation.

Senior Chief Allen served a four year tour of duty at the National Parachute Test Range at El Centro during the early 1970s, and was in the midst of his second such tour when he and others were transferred from El Centro to China Lake to form the nucleus of the NWC Parachute Systems Department.



A BIT WORSE FOR THE WEAR — Mute evidence of the gusty winds last weekend was this overturned "Share a Ride" shack at the intersection of Blandy Avenue and Lauritsen Road. On Sunday morning, China Lake Fire and Police Division personnel were called to the 400 block of Nimitz Avenue, where a tree that had blown down took some electric power lines with it and caused minor damage to two vehicles parked nearby. The housing area caught the brunt of the weekend winds, which nearly bypassed Armitage Airfield where wind velocity data is recorded. Peak gusts at the airfield were reported to be in the 35 knots range on Saturday afternoon. —Photo by Don Cornelius

Centerites chosen to spearhead annual Navy Relief fund drive

The Navy Relief Society's 1981 fund drive at the Naval Weapons Center got underway this week with announcement of the selection of personnel from each department or attached activity who will serve as contacts for contributions.

The Navy Relief Society (NRS) fund drive central committee, headed by co-chairmen Lt. Col. Bill Vacca, Codes 03-01A1 and 032, NWC ext. 3716; Cy Ebersberger, Code 08, ext. 3245; Leah Reusche, Code 09, ext. 2032 or 2371; Les Lesniak, Code 12, ext. 3251; Ens. Sharon Beck, Code 21, ext. 3451; Alma Cowan, Code 22, ext. 3387; Ellen Klotz, Code 24, ext. 2078 or 2892; Lt. John Martin, Code 25, ext. 5385; Dick Stokes, Code 26, phone 3411, ext. 217; Bill Matlock, Code 32, ext. 7452 or 7200.

Others are Betty Yingst, Code 33, NWC ext. 3093; Byron Butler, Code 34, ext. 3658; Joseph Kokosenski, Code 35, ext. 3575; Dick Schweitzer, Code 36, ext. 3338; Dick Wisdom, Code 38, ext. 3523; Jackie Harrison, Code 39, ext. 3002; Betty DeBold, Code 62, ext. 5276; HM1 Eugene Cordova, Code 94, ext. 2911; MSI E. T. Barbon, Code 95, ext. 3281; Lt. Rick Feauto, Code 96, phone 446-2600; Bill Giuliani, Code 97, ext. 2538; and CWO D. E. Barnett, Personnel Support Detachment, NWC ext. 2650.

Serving with Lt. Col. Lancaster and Lt. Martin on the NRS fund drive central committee are Ens. Dennis Eberhart, Ens. Cynthia Kurtz, Ens. Ken Dorrell, Lt. Rick Feauto, Lt. John Kelley, and Ens. Sharon Beck.

Food will be only one of the attractions at the Little League diamonds back of the Center theater and gym from noon to 4 p.m. Food booths will dispense soft drinks and beer, hot dogs, cake, candy, and other goodies at rock-bottom prices.

The games will begin no later than 1 o'clock (even allowing for normal tardiness on the part of personnel). So far, 14 teams have signed up for mud volleyball, one more team is needed for earthball, and many more teams are still eligible for the tug-of-war.

TUG-OF-WAR ENTRIES NEEDED

"We've got this lovely rope," wails Debbie Bee, one of the two Recreation Services Department personnel at NWC ext. 2334 who have been signing up the athletes, "and we really need some more people to use it!"

Since there's no weigh-in required for entrants in the tug-of-war, this is a fine opportunity for all those who merely want to lean rather than partake in more active exercise to prove their mettle.

All participants in the sports events will win themselves new NWC hats.

Bravely volunteering to serve as referees (whose word is supposed to be final in the athletic events) are members of the Military Affairs Committee of the Ridgecrest Chamber of Commerce.

The Chamber of Commerce has also provided medals for winners in these events, as well as other awards.

Hoses will be available to remove the worst of mud, eggs, and whatever else might stick during the athletic events so that team members will be able to recognize each other.

The day promises to be complete fun for all members of the NWC family, whether military, civilian, or dependents of all ages.

is to exceed last year's goal of \$8,000.

Departmental and military command key persons who will assist the NRS fund drive central committee by accepting donations from military and civilian personnel at NWC, their codes and telephone numbers are:

Lt. Col. Bill Vacca, Codes 03-01A1 and 032, NWC ext. 3716; Cy Ebersberger, Code 08, ext. 3245; Leah Reusche, Code 09, ext. 2032 or 2371; Les Lesniak, Code 12, ext. 3251; Ens. Sharon Beck, Code 21, ext. 3451; Alma Cowan, Code 22, ext. 3387; Ellen Klotz, Code 24, ext. 2078 or 2892; Lt. John Martin, Code 25, ext. 5385; Dick Stokes, Code 26, phone 3411, ext. 217; Bill Matlock, Code 32, ext. 7452 or 7200.

Others are Betty Yingst, Code 33, NWC ext. 3093; Byron Butler, Code 34, ext. 3658; Joseph Kokosenski, Code 35, ext. 3575; Dick Schweitzer, Code 36, ext. 3338; Dick Wisdom, Code 38, ext. 3523; Jackie Harrison, Code 39, ext. 3002; Betty DeBold, Code 62, ext. 5276; HM1 Eugene Cordova, Code 94, ext. 2911; MSI E. T. Barbon, Code 95, ext. 3281; Lt. Rick Feauto, Code 96, phone 446-2600; Bill Giuliani, Code 97, ext. 2538; and CWO D. E. Barnett, Personnel Support Detachment, NWC ext. 2650.

Serving with Lt. Col. Lancaster and Lt. Martin on the NRS fund drive central committee are Ens. Dennis Eberhart, Ens. Cynthia Kurtz, Ens. Ken Dorrell, Lt. Rick Feauto, Lt. John Kelley, and Ens. Sharon Beck.

Navy League officers to be installed at dinner next Thursday

Capt. William B. Haff, NWC Commander, has been invited to speak at the installation dinner of the Indian Wells Valley Council of the Navy League, which will be held next Thursday, May 14, at the Commissioned Officers' Mess. A social hour at 6:30 p.m. will be followed by dinner at 7:30 o'clock.

Officers to be installed are Vivian Boulinghouse, president; Robert Norman, executive vice-president; George Myer, second vice-president; Ruth Frisbee, secretary; Bob Brinton, treasurer; Dr. Cloyce Odom, historian; and Ralph Vuono, judge advocate. Harry Parode will be the installing officer. Those who will join the new officers on the Navy League's board of directors are Loren Kinne, David O. Teasdale, Jr., Julie DeGraw and John DiPol.

To open the program, Sea Cadets will parade and retire the colors, and Archie Meyer will lead the pledge of allegiance to the flag.

Cdr. John R. Allen, CHC, USNR, senior chaplain at NWC, will give the invocation and benediction.

The menu will feature steamboat round of beef, potatoes au gratin, broccoli with Hollandaise sauce and mixed green salad.

The price for dinner tickets is \$8.50 per person, paid in advance. Deadline for reservations is Monday, May 11. Make checks payable to the Navy League and mail to P.O. Box 1297, Ridgecrest.

Moving lighted sign at main gate will reduce energy costs

A recent project to relocate the Naval Weapons Center sign at the main gate from the guard house roof to the right of the entrance has an energy saving potential.

Action has been initiated to convert the existing lighting system at the entrance to the NWC main gate from incandescent to fluorescent — following up a suggestion made by Dan Butler, the Michelson Laboratory/Lauritsen Laboratory coordinator.

Doing this will provide an energy savings of approximately 1,250 kilowatt hours per year. At the present cost for electrical power, the expense of this work will be paid off in approximately five years.

AIAA slates meeting, technical display, Tues. in Long Beach

At least 30, and probably more, scientists and engineers from the Naval Weapons Center will be boarding a bus here at 7:30 a.m. on Tuesday, in order to attend the annual meeting and technical display arranged by the American Institute of Aeronautics and Astronautics (AIAA) at the Long Beach Convention Center.

Local plans in connection with this event are being handled by members of the China Lake Section of AIAA, and NWC management encourages scientists and engineers to participate as part of their professional development.

Because the AIAA feels that engineers and scientists should have the opportunity to attend, all registration fees have been waived. In addition, a complimentary lunch is supplied by the association.

Activities scheduled at the Long Beach Convention Center include briefings on major aerospace displays by such firms as Grumman, IBM, Lockheed, Boeing, General Dynamics, Hughes, and United Technologies.

Project managers and senior engineers from these and other private companies will be in attendance to give presentations that will be followed by question-and-answer sessions.

Ample opportunity will be provided for the speakers to discuss their company's technological developments with those in attendance from NWC, and Center employees will be able to inspect a wide variety of exhibits or attend technical sessions on such varied topics as "Space Exploration," "The Art of Designing Missiles and Launch Vehicles," "Military Aviation," and "Tools for Designers."

The deadline for reservations in order to get a seat on the Navy bus traveling to and from the Long Beach Convention Center for the AIAA meeting and technical display is today.

NWC employees who are interested in attending this meeting are asked to call Jim Serpanos, at NWC ext. 3340; Steve Carter, at ext. 2627; or Larry Strutz, at ext. 2620.

Surplus government property to be sold at auction May 19

An auction of surplus government property will be held on Tuesday, May 19, at the Defense Property Disposal Office (Warehouse 41) on the Naval Weapons Center.

Beginning Monday, the more than 180 items to be offered for sale will be on display at Warehouse 41 on weekdays between 8 a.m. and 3 p.m. Warehouse 41 can be reached by passing through the Sandquist Rd. guard gate and turning left (west) on the first blacktop street.

Up for sale to the highest bidder will be such things as desks, electric and manual typewriters, calculators, generator sets, oscilloscopes, voltmeters, frequency meters, sidedraft evaporative coolers, steel cable, miscellaneous rigging gear, missile containers, truck beds, and 1,500 lb. of scrap lead.

Because the Defense Property Disposal Office is located within the interior security fencing of the Naval Weapons Center, those wishing to inspect items offered for sale, or to attend the auction on May 19, must stop at the NWC main gate and get a pass before coming on board the Center.

Registration for the auction will begin at 8 a.m. at Warehouse 41 on the day of the auction. Bidders must be present and registered in order to bid, since no bids offered by mail can be accepted.

Items that are purchased can be removed on the day of the sale provided that full payment is made. Personal checks will be accepted.

Successful bidders will have until May 27 to pay for and remove items purchased; before storage charges are applied.

Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



Donald H. Wheeler
30 yrs. NWC Service
Code 31407



Leo V. Barglowski
30 yrs. Fed'l Service
Code 36604



Joseph O. Gonzales
30 yrs. Fed'l Service
Code 08613



Aaron L. Kane
30 yrs Fed'l & NWC Service
Code 3649



Richard R. Beswick
30 yrs. NWC Service
Code 3681



Edward R. Buellmann
25 yrs. Fed'l Service
Code 3644



George R. Barker
25 yrs Fed'l Service
Code 36602



Burton H. Kaucher
25 yrs. Fed'l Service
Code 3647



Hugh James McLennan
20 yrs. Fed'l Service
Code 0822



J. Gordon Shumway
20 yrs. Fed'l Service
Code 3651



Bettie A. Heeke
20 yrs. Fed'l Service
Code 08642



Lewis F. Sweet
20 yrs. Fed'l Service
Code 6123

President Reagan designates May 10-16 Small Business Week

A proclamation signed by President Ronald Reagan designates the period of May 10 through 16 as Small Business Week, 1981.

Harkening back to the founding of this nation more than two centuries ago, the proclamation signed by the President takes note of the fact that small business owners — merchants, builders, and traders — rebelled against excessive taxation and government interference and helped found this nation.

"Today we are working to bring about another revolution, this time against the intolerable burdens inflation, over-regulation, and over-taxation have placed upon the nation's 12 million small businesses that provide the livelihood for more than 100 million of our people," the Presidential proclamation states.

Stimulation of small business growth and opportunity is necessary in order to revitalize America, it is further stated in the Presidential proclamation, which notes that small business accounts for over 60 percent of the jobs, half of the business output, and at least half of the innovations that keep American industry strong.

President Reagan urged all Americans who own or work in a small business to continue their resourcefulness. "These efforts contribute so much to the entrepreneurial spirit which made this nation great," the President added.

The Navy Field Contracting System (NFCS) is a major contributor to the Navy Small and Disadvantage Business Utilization Program. According to Lois Herrington, NWC's Small and Disadvantage Business Utilization Specialist, the Center achieved its assigned Fiscal Year 80 Small and Disadvantaged Business Utilization goal, and had made a good start toward meeting the significantly higher goals set for FY 1981.

Examples cited by Mrs. Herrington included the following:

Of the assigned total of \$30,983,000 in small business prime contracts assigned for FY 81, those awarded through March of this year totaled \$11,215,237.

Under the heading of "Small Business Set Aside," which refers to determinations made by the contracting officer that a contract in particular instances should be limited to small businesses only, awards totaling \$825,470 were made during the first three months of this year.

Under the category of "Small Disadvantaged Business," NWC awarded contracts totaling \$447,190 through the end of March, and, during the same period, another \$207,362 in contact awards went to businesses that are owned by women.

Highly placed officials in the Department of Defense have stated in the past that "the effective industrial base required by the combat forces in support of our national security is not possible without a strong and viable small business and small disadvantaged business community.

"The DoD, because of the size of its annual procurement budget, contributes most significantly to the well-being of this important segment of our national economy."

Cash awards authorized for beneficial ideas

Commanding officers have been granted authority to make cash awards to Navy people who generate ideas for increased efficiency, economy, productivity, or which otherwise improve operations.

In some cases, awards of as much as \$1,500 may be made at the local command level. Higher levels of command may approve additional awards, and if the idea is applicable Navy-wide, the Secretary of the Navy may award as much as \$10,000.

Police

reports . . .

A false report that a bomb had been left in Hangar 2 at Armitage Airfield was received at 7 a.m. Tuesday by military personnel on duty at the quarterdeck in the NWC Administration Building.

The hangar was evacuated while China Lake police and personnel of Explosives Ordnance Group One responded. They were aided in searching Hangar 2 by employees familiar with the work areas.

According to the caller who made the false bomb report, the explosive device had been set to blow up in mid-afternoon.

HIT AND RUN INCIDENTS

Two hit-and-run incidents that resulted in damage to government property occurred Tuesday and are being investigated by China Lake police.

In the first incident, at around 10 a.m., a driver left the scene after his car caused moderate damage to a door at the Navy Exchange gasoline station.

Later, at 1 p.m. Tuesday, damage to a stop sign in the warehouse area along Blandy Ave. was caused by a hit-and-run motorist.

FIREARM STOLEN

Burglary of a residence in the Capehart B housing area, reported last Friday afternoon to China Lake police, resulted in the loss of a .32 caliber semi-automatic pistol.

Value placed on the stolen firearm by the victim was \$270. Police found no evidence of forced entry.

WOODEN DOOR MISSING

A wooden door, intended for use in a new building under construction in the SNORT track area is missing, according to a report filed with police by the contractor who is doing the work. Loss as a result of the theft was set at \$245.

PARKED VEHICLE DAMAGED

Damage to a privately-owned vehicle left parked overnight in the Bachelor Enlisted Quarters' parking lot was reported last week by the owner of the vehicle. Looking over the car, police found that window on the passenger side had been broken. Cost to repair the damage was estimated at \$40.

UNLOCKED BICYCLE TAKEN

A privately-owned bicycle, valued at \$70, was stolen last Friday afternoon from the parking area outside the Michelson Laboratory machine shop. The missing two-wheeler had not been locked.

Unusual parade . . .

(Continued from Page 1) enough could be removed prior to moving the aircraft.

All ordnance that will be displayed on the aircraft also had to be certified to ensure that it was inert.

Matting to give a firm foundation for aircraft wheels will be employed at the Michelson Laboratory parking lot before the aircraft are moved into place.

A full complement of personnel from the flight support group will accompany the aircraft on their slow journey down to the main site this evening from their normal Armitage Airfield roosts, just in case any unforeseen circumstance arises.

LCdr. Dieckman, who is in charge of the operation, notes that he hopes that all the aircraft will be settled down for the night by dark so that tomorrow they can be in good shape for the many visitors expected on Armed Forces Day. Guards will be on hand to guarantee that neither aircraft nor unscheduled visitors tonight will come to any harm.

Tomorrow afternoon, when the day's activities at the laboratory conclude and the Olympic (?) events begin, the long, slow trek back to Armitage Airfield will be undertaken as the aircraft are towed back home.

Energy conservation tip

Consider fluorescent lighting for the kitchen sink and countertop areas. These lights set under kitchen cabinets or over counter-tops are pleasant and energy efficient.

Data Reduction Branch using new minicomputer system

By Linda Dittmeier

In an effort to improve service to range customers, the Software Section of the Data Reduction Branch located in the Range Department is instituting use of a new minicomputer system.

The computer system, which is government furnished equipment, is used at the contractor's facility (Computer Science Corporation) in Ridgecrest to analyze data recorded by special motion picture cameras.

During a missile firing, for instance, motion picture cameras record both pictures of the object and its angle (in relation to the camera). After the film is developed, edited, and read, the computer is used to calculate, with a high degree of accuracy, the location of the object, its velocity, acceleration, drag data, etc. It can also provide graphs and tabulations from the data it collects and stores.

According to Jim Manion, facility manager, the idea of using the minicomputer was perceived when the National Parachute Test Range (NPTR) moved from El Centro to NWC. At that time NPTR had its own minicomputer. Manion's group has added more hardware to the minicomputer since acquiring it from NPTR.

Manion believes that there are numerous advantages associated with use of the new computer, including faster service, cheaper operational costs, greater precision, and more flexibility in software design.

When the new system is fully operational, information that formerly required several weeks for completion will be available to the customer in two or three days.

Under the system used until now, the film was edited by CSC employees, and data recorded on the film was read and typed onto a keyboard for transmittal to magnetic tape. After a sufficient amount of data was

recorded, the tape was then sent to NWC for use on the UNIVAC1110.

The data obtained from the computer is used to compile data books for the customer.

Computer time on the UNIVAC is available only on a time-sharing basis, and since the old programs are large and consume a sizable amount of computer resources, the tapes frequently must be run at night.

The new system is available at all times, thereby increasing response time. In addition, more memory is available and the operating system has expanded capabilities. With these capabilities, Manion's group expects to catch 90 percent of the human errors that are made in film reading.

QUICK RESPONSE POSSIBLE

When using the new system, the data typed onto the keyboard by the CSC film reader is transmitted directly to the minicomputer's data base. It can also be recorded on the magnetic tape to provide a backup system. What this means is that the customer can restructure the data by using a computer terminal to interface with the interactive graphics capabilities of the system. In effect, he or she can get an immediate response to queries of "what if...?"

The expense of data processing with the minicomputer system will be reduced to essentially maintenance and upkeep. Contractor service costs, while still necessary, may also be reduced because the new system will require less labor to develop the data books.

Development of new programs, to replace the 30 year old programs used until now, will be necessary in order to use the new minicomputer's data base. Manion, together with Steve Beattie, another employee of the Software Section, and a team of CSC employees, are currently involved in the development and testing of the new programs. He expects to have the system completely operational within six months.

In the meantime, the group has affectionately dubbed the system the "Not Ready for Prime Time Computer (NORFOPTIC)." They even have an official NORFOPTIC cap that is worn while giving informational tours of the system.

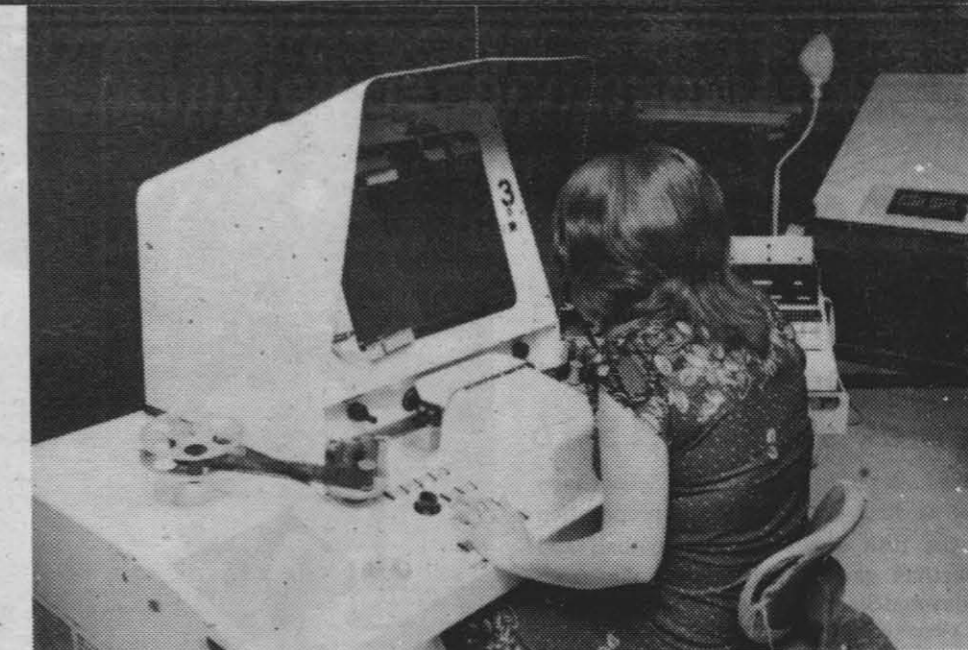
AFGE monthly meeting planned Monday night

The American Federation of Government Employees, Local 1781, will hold its next monthly meeting on Monday at 65-B Halsey Ave., at 7 p.m.

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Police Division, Safety and Security Department, who are located at China Lake, Calif.



GRAND OPENING — Capt. W. B. Haff, NWC Commander, cuts the ribbon at the opening of the Personalized Services Store last Thursday, April 30, at its new location in Bennington Plaza. Looking on is Lt. Rick Feauto, assistant Navy Exchange officer. —Photo by Don Cornelius



READING THE FILM — Data read from the film and typed onto keyboard by Computer Sciences Corporation film reader Robin Moore is transmitted directly to the data base of a new minicomputer system that is expected to provide faster service, lower operational costs, greater precision, and more flexibility in software design. —Photo by Don Cornelius

Clinics planned next week for anti-rabies shots, dog licensing

Clinics at which anti-rabies inoculations will be administered and dog licenses sold have been scheduled in the local area on Friday and Saturday, May 15 and 16, by the Kern County Health Department.

At each such clinic, dog owners can obtain low-cost rabies vaccinations for their pets, and either county or city dog licenses. Both vaccinating and licensing are required by law for dogs over four months of age. The dates, times and places for the clinics are as follows:

Friday, May 15 — 10 a.m. to 11 a.m. at the Kern County fire station in Randsburg; and 1 to 5 p.m. at the Girl Scout Hut at China Lake.

Saturday, May 16 — 8 to 11 a.m. at the Kern County fire station in Inyokern; and 1 to 6 p.m. at the old Ridgecrest Park community building on South Warner Street.

FEES FOR SHOTS, LICENSE

At these clinics, which are co-sponsored by the Kern County Health department and the Veterinary Medical Association, there is a \$2 charge per pet for anti-rabies shots. The county's yearly dog license fee is \$1 for spayed or neutered animals and \$10 for all others.

City of Ridgecrest license fees are \$1 for altered dogs and \$4 each for all others.

The discount is intended to encourage spaying and neutering as a means of reducing pet over-population and animal control problems.

Dog owners wishing to take advantage of the discounted license fee for spayed or neutered animals must bring a certificate or note from a veterinarian showing proof that the necessary operation has been performed

on their pet.

To avoid problems all dogs brought to the clinic must be on a leash. A simple rope or belt leash is sufficient.

Licensing is an essential part of the city and county animal control program. Licenses insure that dogs are vaccinated to protect them against rabies and that each dog is individually identifiable.

Identification of dogs enables animal control officers to return lost animals to their owners, to speed up the investigation of dog bite incidents, and to more easily enforce leash laws. In the long run, this saves both dog owners and other taxpayers money.

Talk on 'Missile System Evolution' set at IEEE meeting

The May meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers will be held on Monday, May 11, from 11:30 a.m. to 1 p.m. in the Chart Room of the Commissioned Officers' Mess.

The speaker will be W. F. "Bo" Arnold, Missile Development Manager in the NWC Sparrow Program Office (Code 3908). His subject will be "Missile System Evolution: Sparrow Case Study."

Arnold will trace the evolution of the Sparrow missile system from its beginning to the present and will look at concepts being considered for future improvements.

The evolution of the Sparrow missile system illustrates the current philosophy of the Department of Defense, which leans toward improving existing systems rather than initiating new ones. The presentation will include recent movies of Sparrow vertical launch and air launch operations. A hot buffet will be offered, or lunch selections may be made from a sandwich menu.

Visitors are welcome.

Self-hypnosis class slated

Starting on Wednesday, May 13, the Sierra Holistic Services will hold a self-hypnosis training workshop at the Community Center. Classes are scheduled from 7:30 to 9:30 p.m. from May 13 to 15 and will resume on May 20.

Tuition for this program is \$55. Advance registration is being taken by the Recreation Coordination Office located in Bennington Plaza next to the NWC gymnasium.

For more information concerning this workshop call NWC ext. 2010.

TEL-MED TAPE OF WEEK

Anyone whose spring clothes no longer fit properly might benefit from telephoning Tel-Med, 446-3541, for help by asking to hear tape No. 607, "Low Calorie Desserts," or No. 606, "Snacks — Make Yours Count."