

### Protestant Women now busy with plans for ice cream social

Plans are now under way for the Protestant Women of the Chapel's annual ice cream social which will be held on Tuesday, July 15.

The setting for this popular, summertime event will be the lawn of the All Faith Chapel, and the time is from 6 to 8:30 p.m. Featured will be homemade ice cream, cake or pie, punch or coffee.

Donations are \$1.25 for adults and 50 cents for children 11 years of age and under. All proceeds will be used for various missionary projects supported by the All Faith Chapel's Protestant Congregation.

Tickets can be obtained in advance following Protestant Congregation services, and at the All Faith Chapel office. They also will be on sale on the evening of July 15.

Plans for this year's event are being coordinated by Ann Blackburn, chairman of the ice cream social. Musical entertainment and other activities for the enjoyment of both young and old will be included.

### Model planetarium system on view at Maturango Museum

An audio-visual program describing the MMI Corporation's Model 7700 planetarium system can now be seen on weekdays between 2 and 5 p.m. at the Maturango Museum.

Public comments and opinion about this 15-min. program, which will be available through next Thursday, July 10, are being sought to help evaluate its potential and compare it with similar small educational planetaria under consideration, Bob Tuck, director of the museum, announced.

This exhibit differs considerably from the more extensive STARLAB-200 planetarium demonstrated at the museum in late March.

The MMI Corporation's Model 7700 offers another portable, low-cost approach to classroom instruction in astronomy.

Special arrangements to view the presentation at times other than those listed above can be made by calling the Maturango Museum, ph. 446-6900.



**COMMUNITY SERVICE PROJECT** — Members of the Navy 1st Class Ways and Means Committee, headed by AQ1 Larry Woeller, as president, contributed their time and effort last Saturday morning to a general grounds cleanup around the Maturango Museum. Other work accomplished by the 23 volunteers who turned out for this community service project included repainting of the museum sign, relocation of the flagpole, and rearrangement and enlarging of the display area outside the entrance to the museum. This activity ties in directly with the emphasis placed by Capt. William B. Haff, NWC Commander, on the need for all Centerites to become involved in a year-round cleanup of their work areas and residential neighborhoods. — Photo by Ron Allen

### Fireworks display to top off 4th of July program at fairgrounds

A 30-minute fireworks show at 9 p.m. will climax this year's Fourth of July celebration at the Desert Empire Fairgrounds in Ridgecrest.

Any Indian Wells Valley resident is welcome at the Independence Day fete, which begins at 1 p.m. tomorrow and continues throughout the day with contests and entertainment for all ages.

A baseball throw where you can dunk your friends, a tug of war and a greased pole climbing contest are the first three events scheduled for the day. These activities are being sponsored by the Exchange Club, the American Legion and VFW and the Optimists.

At 4:30 p.m. the Kiwanis and Rotary Clubs and the Special Education Advisory Council will sponsor watermelon and pie eating contests, and rootbeer drinking competition.

The Elks Lodge will provide after-dinner entertainment by sponsoring a \$2.98 beauty contest, a fashion show and an amateur talent contest between 6 and 9 p.m.

Air-conditioned Joshua Hall will be open between 2 and 6 p.m. for games and as a refuge for anyone wishing to escape from the afternoon heat.

Food and beverages will be sold by local clubs with the proceeds going to the Fireworks Fund Drive. In addition, hot charcoal will be available after 4 p.m. for people who wish to cook their steaks, hamburgers or other meat. A shaded picnic area can be used for those who would like to bring their own picnic fare.

The Fireworks Fund Drive is still \$1,125 short of paying for this year's fireworks display. Donations are needed and may be sent to the IWV Council of Organizations, P.O. Box 771, Ridgecrest, or they may be placed in any of the firecracker-shaped canisters in various businesses around the community.

People are cautioned not to bring fireworks to the fairgrounds because individual use of fireworks there is not allowed.

### Thrift Shop slates sale

Bargain hunters can get ready for fall school opening (or stock up on other items) when the Thrift Shop holds a half price sale next week.

The sale prices will be in effect on Tuesday from 7 to 9 p.m. and again on Thursday morning from 9 to 11.

### Rec. facilities open July 4

The following hours of operation will be observed by recreational facilities at the Naval Weapons Center during the 4th of July holiday tomorrow.

Facility	Hours
Bowling Alley and Snack Bar	2 p.m. to 9 p.m.
Navy Exchange Mini Mart	10 a.m. to 7 p.m.
Golf Course	6:30 a.m. to 8 p.m.
Gymnasium	11 a.m. to 6:30 p.m.
Indoor Pool	11 a.m. to 6:30 p.m.
COM Swimming Pool	11 a.m. to 6 p.m.
CPO Club Swimming Pool	11 a.m. to 6 p.m.

Facilities not listed above will be closed all day tomorrow.



**Commissioned Officers' Mess**  
Spaghetti and meat sauce—all a person can eat for the price of \$2.95 for adults and \$1.50 for children—will be featured on the menu tonight at the Commissioned Officers' Mess.

Next Thursday, July 10, there will be another of the COM's popular steak cookouts on the patio, with top sirloin as the main item on the bill of fare.

Dinner tonight, as well as on July 10, will be served from 5 to 9 o'clock.

Preparations are being made for another gala Membership Night fete on the patio of the COM on Friday, July 11.

Musical entertainment will be provided from 8 p.m. until midnight by Frederic & Co., a 5-piece combo from the Los Angeles area. This group specializes in popular musical selections of yesteryear.

The menu for this occasion will include roast baron of beef, baked potato, garden vegetables, salad, roll and butter, and coffee or tea. Dinner will be served from 6:30 to 9 o'clock.

The cost of this evening of dining and dancing under the stars is \$4 for members and their spouses, and \$5 for guests.

Reservations are a must and can be made by calling the COM office, phone 446-2549, no later than noon on July 11.

### Chief Petty Officers' Club

The swimming pool and picnic area at the Chief Petty Officers' Club will be open tomorrow (July 4th holiday) for the use of club members and guests.

The CPO Club bar also will be open until 8 p.m. on Independence Day. Regular hours of operation will be resumed on Saturday.

### Hail, farewell fete for military officers set July 15 at COM

Eight military officers and their wives will be honored at a hail and farewell party to be held at the Commissioned Officers' Mess on Tuesday, July 15.

Following a social hour from 5:30 to 6:30 p.m., presentations will be made to Capt. Joel and Darlene Killoran, LCdr. Tom and Tina Fellin and Lt. Pat Nassaux.

Incoming officers being welcomed aboard are Capt. Gerald Lee, LCdr. Richard L. McBurnett, Ens. Richard Moyer, Ens. Mark Sowell, and Ens. Joseph Doyle.

Those who wish to stay for dinner after the presentations are asked to make reservations by telephoning 446-2549.

### Credit Bureau manager to speak at FEW meeting

Ronald Wilbur, manager of the Credit Bureau in Ridgecrest, will talk about credit bureaus, their function, and the history of the local bureau at a meeting of Federally Employed Women to be held on Thursday, July 10.

The meeting, which is open to all interested men and women, will be held from 11:30 a.m. to 12:30 p.m. in the Sidewinder Room of the Community Center. Those attending are reminded to bring a brown bag lunch.

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NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

July 3, 1980

Vol. XXXV, No. 27

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## Studies underway to help determine best drill sites in Coso geothermal area

Studies of the resistivity of the earth that will help determine the best location to drill wells that will be developed for tapping the geothermal energy resource in the Coso area of the Naval Weapons Center are now underway.

The work is being handled by General Electro-magnetic Prospecting, Inc., a firm from Santa Rosa, Calif., working as a subcontractor for the California Energy Company, Inc.

The latter organization, an engineering management firm with home offices in Santa Rosa, last December was awarded a contract by the Navy to complete evaluation of the geothermal resource in the Coso area, develop the geothermal steam field, construct an electric power plant, and operate the plant.

### ELECTRICAL FIELD MEASURED

General Electro-magnetic Prospecting has perfected a method of conducting passive tests that measure the natural electrical field in the earth within a prescribed area covered by the test. Variations in the electrical field indicate what the underground rock structure looks like and are a clue to the location of steam or underground reservoirs of hot, saline water.

This additional information, coupled with other data from a test well drilled earlier for the Navy in the Coso area under a contract awarded by the Department of Energy, is expected to reveal four or five of the most likely places to drill wells that will yield an economically practical source of geothermal energy.

General Electro-magnetic Prospecting

(G.E.M.P.) has developed two electro-magnetic methods that utilize various portable equipment, processes, and know-how for obtaining field recordings that will yield information about underground structure.

These methods have been used many times for geothermal exploration in other parts of the United States, as well as in Italy, Kenya, Guadeloupe, Indonesia, Algeria, the Azores, and in Japan. During

A memorandum of understanding covering development of the Coso geothermal area on the Naval Weapons Center will be signed Tuesday in Sacramento.

The signers of this document, which has been in the negotiating stage for two years, will be Capt. William B. Haff, NWC Commander, for the Navy, and Jim Ruch, California Director of the Bureau of Land Management, for the U.S. Department of the Interior.

Capt. Haff will be accompanied to the state capital by Dr. Carl Austin, head of the Geothermal Utilization Division in the NWC Public Works Department.

its first year of geothermal exploration in Japan (1979-80), G.E.M.P. was involved in six major surveys.

For the tests that are being conducted in the Coso area of the Naval Weapons Center, G.E.M.P. personnel have laid out grids

(Continued on Page 4)

## Summer heat arrives late in local area

Summer temperatures came later to the Indian Wells Valley this year than ever in history. The thermometer did not top the 100 degree mark until Thursday, June 26, setting a new record for how late in the season that magic temperature was reached.

Forecaster John Gibson, of the Naval Oceanography Command Detachment, says that the weather pattern this year has been much like that of last summer, with a series of lows chasing each other across the area and bringing cooler and moister weather than usual to the Valley.

He adds that if the weather pattern continues as it did in 1979, July will again be a very hot month averaging highs of 104 to 106 degrees daily, but that relief would be in sight in August. (Last year the temperature did not push as high as 100 degrees in the entire month of August.)

Heralding an early return of fall and winter, Gibson suggests, may be a tropical storm dumping a load of cooling rain late in August or early in September. He says that the weather patterns indicate that tropical storms can well swing north and inland this year.

Rain in unusual amounts has characterized 1980 so far with 6.26 inches being recorded at Armitage Airfield since Jan. 1. The average annual rainfall for the past 30 years has been under 3 inches; even without any of the damp weather that Gibson expects by fall, this will be recorded as an especially wet year.



**SOUNDING STATION MANNED** — Stephen Waddell, crew manager for General Electro-magnetic Prospecting, Inc., measures different electrical frequencies as they come back through the ground. Data from this sounding station and others like it will provide a clue to the underground rock structure in the Coso geothermal area by indicating the resistivity of the earth. —Photos by Ron Allen

## Navy rescue helicopter flown on 2 nighttime mercy missions

Two late night rescue missions were flown last Thursday and Friday evenings by Lt. Col. Ben Adams, USMC, helicopter officer assigned to the Naval Weapons Center's Marine Corps Liaison Office, as the arrival of the summer vacation season brought with it an increase in emergency situations calling for evacuation by air in order to prevent possible loss of life.

Shortly after midnight on Thursday of last week, Lt. Col. Adams made his third helicopter flight of spring-summer season to a troublesome spot on the rapidly flowing Kern River in order to rescue a woman who was clinging to a tree in the middle of the swift, icy cold torrent.

### RAFT FLIPS OVER

While it was still daylight, Raquel Torres, 22, of San Bernardino, had been zipping down the Kern River when the two-man raft she and her husband were riding in struck a rock and flipped over. The mishap took place along a section of the river that skirts the Kern River golf course.

Both Mrs. Torres and her husband grabbed onto a tree, then the husband used the raft to get to shore and summon help for his wife, who had remained behind clinging to the tree.

Mr. Torres contacted the Kern County fire station at Kernville at around 8:30 p.m., and rescue workers tried unsuccessfully to get Mrs. Torres safely from the tree, which is located about 75 ft. off shore.

### RESCUE CENTER CONTACTED

A request for help was then routed through the national rescue coordination center at Scott Air Force Base in Illinois and reached the Naval Weapons Center at 11:10 p.m. Thursday — clearing the way for dispatching a Navy helicopter.

Lt. Col. Adams was accompanied on the rescue flight to the Kern River by LCdr. Emmett Lancaster, co-pilot, and a crew that included HM2 Lance Graham, AD2 Israel Morales, and AOAN Timothy Hill.

There was a bright moon and no wind, the helicopter pilot reported. Flares had been ignited on shore to mark the location of high tension wires, but he relied principally for illumination on the helicopter's own lights as he controlled the aircraft while it

hovered about 40 ft. above the river, Lt. Col. Adams said.

The UH-1N helicopter is equipped with a special hoist and, using it, AD2 Morales was lowered to the tree where Mrs. Torres was stranded and both of them were then raised to safety.

The Navy helicopter landed briefly at the Kern Valley airport, where Mrs. Torres — wet and cold but otherwise none too much the worse for wear as a result of her harrowing experience — was let out.

Still on call last Friday night, Lt. Col. Adams said.

(Continued on Page 3)



**HOT WORK** — Sheltered from the sun by a small tent, Peter Squires, a field technician for G.E.M.P., monitors different electrical frequencies as part of test work now underway in the Coso geothermal area of the Naval Weapons Center. Insulated wire laid out on the ground induces a magnetic field and also an electrical charge that goes down into the ground.



Editorial

Reflections on nation's past give solid hope for future

Tomorrow is another anniversary (the 204th) of the signing of the Declaration of Independence by members of the Continental Congress in 1776.

How this nation has grown and what it has come to stand for as a bastion of freedom in the eyes of the world during the past two centuries is mind boggling when one recalls its beginnings as a group of 13 small colonies whose people chose to stand up for liberty and human rights — even though it meant opposing what was then the considerable might of the British.

Who could have predicted in 1776 what hazardous times, severe challenges, and noble accomplishments lay ahead for a soon-to-be fledgling nation that still had the better part of a large continent to tame before it was to become the United States of America?

Today, more than 200 years later, American people have much to be thankful for in the abundant, but dwindling, natural resources with which this country has been blessed. Americans also owe their undying gratitude to those military men and women who have shed their life's blood to help insure that what their parents and grandparents passed onto them also would be a heritage available to their children and grandchildren.

Whatever perception Americans have of their country, there is no denying its resolve, resiliency, sacrifice and record of accomplishment when the chips are down.

Independence Day 1980 takes on a new meaning when considered from the perspective of the history of the past 204 years. History books speak of war, of depression, of the human struggle that won the West. They also speak of slavery, dust bowls, soup lines, sweatshops, floods, earthquakes and other natural disasters.

America has known all this, and America has survived. By now, all should know that freedom isn't free. What this nation has developed as a foundation on which to build in order to insure its freedom in the future gives eternal hope and assurance that two centuries from now there will be others trying to put into words what July Fourth — Independence Day U.S.A. — really means.

Good advice offered to those planning vacation trips by auto south of border

For anyone planning a trip to Mexico, here is some pertinent information for those who will be traveling by automobile.

Most insurance policies issued for coverage in the United States are void in Mexico; however, special coverage for a visit to Mexico is readily available and reasonably priced. This insurance can be obtained by travelers at the border.

Traffic accidents are treated as criminal matters under Mexican law and the driver of a vehicle involved in a collision can be imprisoned until liability for property damage or personal injury is resolved by payment or release.

Liability insurance for property damage and personal injury is not a guarantee against imprisonment, however it is an

important precaution and is generally effective.

Drunk driving is a serious offense in Mexico and severe penalties may be imposed on offenders, liability insurance not withstanding. Do take care.

Recently COMELEVENINST 5820.2, dated May 30, 1979, has been brought to the attention of Command by special message titled "Guidance for Personnel Visiting Mexico." A copy of both will be distributed to each department for the convenience of personnel on Center.

Make sure that you have valid insurance when traveling in Mexico, and make an extra special effort to drive safely when you go south of the border to enjoy the many scenic attractions of Mexico. Tenga Buenos Vacaciones.

The Rocketeer

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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 with NWC may contact the Employment/Wage & Classification Division, Code 002, 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 FPMR Handbook X, 118C. 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. 01-002, Secretary (Typing), GS-318-4/5, PD No. 8000024N, Code 61A2 — This position is located in the NSAP/NSTEP Program Office and Fleet Support Office, Naval Weapons Center. Incumbent duties include: receiving and distribution of incoming mail; screens for suspense dates; establishes controls and follows up as necessary; files and serves as CCP; reviews correspondence to ensure correct grammar, punctuation, spelling and format; receives calls and visitors; maintains calendar; arranges travel orders and itineraries; types purchase orders for supplies, material and equipment; prepares time cards and resolves bad labor charges and types correspondence, reports in final form from rough drafts. Job Relevant Criteria: Ability to type accurately and efficiently. Ability to deal tactfully with all types and levels of people. Ability to meet deadlines under pressure. Knowledge of Center organization and policies. Ability to perform a wide variety of secretarial functions.

Announcement No. 24004, Firefighter, GS-081-5B, PD No. 7920161N, Code 242 — This position is located in the Fire Division of the Safety and Security Department. Major duties include driving and operating structural pumps and any type crash fire trucks, responding on ambulance calls as either driver or attendant, inspection of Center's building and property, and conducting training classes for trainee firefighters. Job Relevant Criteria: Knowledge of locations (streets, water distribution, alarm/detection systems, building, contents/layouts, etc.); ability to operate firefighting apparatus and equipment; structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment; driving ability (proper use of gears, clutch and brakes); demonstrated safe, smooth and effective operations of vehicles; knowledge of fire prevention practices with regard to building inspections and ability to identify fire hazards; knowledge of reference sources; firefighting knowledge (knowledge of fire, origin and techniques of extinguishing fires); ability to accept responsibility and carry out assignments with minimal supervision. This announcement will be used to establish the promotion register for Firefighter, GS-081-5B, which will remain in effect until January, 1981. Supplemental forms are required and must be turned in with SF-171 by 7:11:80. Supplementals and SF-171s may be obtained from Receptionists in Personnel Dept.

Announcement No. 25-002, Secretary (Typing), GS-318-3/4/5, PD No. 7725026N, Code 252 — This position is that of secretary, Contracts Division, Supply Department. The incumbent receives and directs visitors and plans/answers routing questions if possible. The incumbent screens all incoming correspondence and often drafts

Reassignment opportunities

This column will be used to fill open engineering and scientific positions through reassignment and through promotion to positions with equal promotion potential. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will only be accepted from employees currently in scientific or engineering positions. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

Interdisciplinary GS-7/12 (10 vacancies) — These positions can be filled by Electronic Engineers, Physicists, Mathematicians, Computer Scientists or General Engineers. They are located in the branches and AAAS Project Office of the Avionics Division, Code 314. The incumbents are responsible for the design, development, integration and test of various avionics components/computers; must be able to communicate effectively orally and in writing; must be able to deal effectively with personnel. GS-11 must have some background in aircraft avionics, armament systems, weapons/stores; must be able to deal with other personnel effectively; must be able to communicate effectively orally and in writing. GS-12 must possess a background in the fields of aircraft avionics, armament systems and weapons/stores; must be proficient in planning, coordination and control of complex technical development projects; must be adept at working with and coordinating the efforts of persons of various disciplines and rates. Submit current 171 or resume to N.J. Schneider, Code 314, Ph. 5423.

Aerospace Engineer, GS-861-9/11/12, PD No. 7964011E, Code 6422 — This position is located in the Test Support Branch, Test Engineering Division, Parachute Systems Department. They are located in the branches and AAAS Project Office of the Avionics Division, Code 314. The incumbents are responsible for the design of test vehicles used in the evaluation of parachute systems. This responsibility includes the design of unique instrumentation devices/systems used to obtain test data from parachute tests. The position is responsible for complete project test design, coordination and acquisition of test data which includes devising means of obtaining required engineering data from tests. The incumbent is responsible for supervising the execution test as planned and, upon completion of the test, will analyze the engineering data to determine whether the significant dynamic performance characteristics of the test have been met. To apply for this reassignment opportunity call Don Stapleton, Code 6422, Ext. 3761.

routine responses. The incumbent is responsible for preparing time cards, travel orders and purchase orders. The incumbent maintains an appointment calendar for the division head. Job Relevant Criteria: Knowledge of grammar, punctuation and spelling; knowledge of Navy correspondence procedures; skill in typing; ability to work independently.

Announcement No. 25-003, Secretary (Typing), GS-318-3/4/5, PD No. 8025013N, Code 259 — This position is that of secretary, Material Division, Supply Department. The incumbent provides clerical and typing support for the division. The incumbent receives and directs visitors and phone calls; reviews all correspondence for proper format, grammar and spelling; receives and distributes mail. The incumbent is also responsible for preparing time cards, travel orders, and purchase orders. At the higher levels, the incumbent also composes routing correspondence and assembles background information for the division on meetings and conferences. Job Relevant Criteria: Knowledge of grammar, punctuation, and spelling; knowledge of Navy correspondence procedures; skill in typing; ability to work independently.

Announcement No. 26-006, Electrician, WG-2805-8/10, JD No. 316N/457N, Code 2621 (2 vacancies) — This position is in the Maintenance-Utilities Division of the Public Works Department. The incumbent plans proposed installations from blueprints, sketches and specifications, cuts pipes to size, threads, assembles, and fuses to building framework and pulls wire through conduit. Lays out, assembles, installs, and tests electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light and power systems of buildings. Splices wires, cables, and auxiliary equipment, replaces defective wiring, overhauls and repairs motors, performs non-scientific electronics work of experimental nature, maintains and repairs electrical and electronic equipment in boiler plants. Job Relevant Criteria: Ability to do the work of the position without major supervision; use of electrical test equipment; knowledge of electrical theory; electrical drawings; hand and power tools; safety and dexterity; technical practices. Applicants may pick up Supplementals from Linda Long, Bldg. 34, Rm. 210.

Announcement No. 26-007, Electrician Foreman, WS-2805-18, JD No. 7926059E, Code 2621 — Temporary promotion NTE 1 year. This position is at the first full supervisory level in the Maintenance-Utilities Division, Electrical HVAC Branch, Electrical Maintenance Section. Under the direct supervision of the general foreman (branch head) the incumbent is responsible for the electrical repair, construction and maintenance of the buildings and equipment under the jurisdiction of the Public Works Department. The incumbent plans sequence of operations and work steps of employees supervised. Interprets blueprints and instructions as required, prepares layouts and sketches. Requisitions tools, materials and equipment needed. Plans division of work load among employees. Assigns work to employees. In order to make these determinations, he must be familiar with the theory, practices, techniques, and work methods

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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.
Communication 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

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 1630
As announced "In Home" Discussion Groups and Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES
EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept. May) 1930



MASTERS IN ACTION — Leo Barglowski (l.) waits for the baton from Dick Wisdom during the first annual Over-The-Hill Track Club 24-hour relay race held recently at the Burroughs High School track. Barglowski and Wisdom were members of the OTHC Masters team, which finished first in the men's over 40 division and fourth overall with a total of 205 mi. and 793 2/3 yds.

Nearly 100 runners compete in 24-hr. relay race at BHS track

About 100 runners competed in the first annual Over-The Hill Track Club (OTHC) 24-hour relay race held recently at the Burroughs High School track.

Ten teams of approximately 10 members each took part in the race, in which an individual would run a mile, hand off a baton to the next runner and rest until it was his turn to run again.

League softball . . .

(Continued from Page 6)

triples and a single in three at bats, and Kim Fletcher added three singles for the Rowdies.

The Rowdies outscored Kelly's Girls 12-2 in their other game last week as Robin Gillen, the winning pitcher, went 3-for-3, and Fletcher had two doubles to lead the Rowdies' 14-hit barrage. Linda Smith had two hits for Kelly's Girls.

Pizza Villa nipped Castillo's Welding 12-11, CSC defeated the Independent Fillies 11-10 and the Desert Imports 20-18, the Bamboo Bages edged Desert Imports 9-7, and Castillo's Welding slipped past the Independent Fillies 18-17 in other Women's Slow Pitch play last week.

There were no games scheduled last week in the Military Slow Pitch Division.

China Lake Intramural Softball League

Standings as of June 26:

Table with columns: Team, Won, Lost. Lists standings for Men's Fast Pitch Div., Military Slow Pitch Div., National Slow Pitch Div., American Slow Pitch Div., and Women's Slow Pitch Div.

Jerome Express, a team composed of Lancaster, Edwards AFB and Quartz Hill runners, took first place in both the men's open and overall categories after running 235 mi., 934 1/3 yds. in the allotted time.

S and M, a local team, finished first in the men's high school category and second overall with a total distance of 225 mi., 934 1/3 yds.

The Jolly Joggers covered 172 mi., 1,458 yds. in 24 hours to finish ahead of the only other women's team competing.

Prior to last year the local runners competed in a 24-hour relay race held in Victorville, but since it was cancelled last year, the OTHC planned successfully to run a similar event in this area.

Engraved medals were awarded to the members of the team that finished first in each of the six categories. Scotty Broyles, who ran on the OTHC Masters team that finished first in the men's over 40 category, was pleased with the number of local runners who turned out for the event.

"I was surprised so many local runners turned out," Broyles said. "Nine out of the 10 teams that participated in the race were made up of local runners, and two more teams contemplated running but couldn't make it."

Swim classes for young children being July 8

Another three-week series of swimming classes for children from 4 months through 3 years of age will begin on July 8 and be offered on Tuesdays and Thursdays through July 24.

Adrienne Swinford is the instructor of these classes, which are held in the swimming pool at the Chief Petty Officers' Club.

There is a registration fee of \$8.50 per child that must be paid at the Recreation Coordination Office, located next door to the Center gym, prior to the first class meeting.

One 30-min. class session is scheduled from 10 to 10:30 a.m. for children from 20 months to 3 years of age, and the other (for tiny tots ranging from 4 to 20 months of age) will be held from 10:30 to 11 a.m.

Additional information can be obtained by calling NWC ext. 2010.



Yankees win second half championship of China Lake Little League's Major Division

The China Lake Little League Major Division Yankees won the second half and season championships last week by trouncing the Dodgers 15-5 in the final regular game of the season.

The Yankees, who defeated the Dodgers in a playoff game for the first half championship, finished the second half of play with a record of seven wins and one loss. The Dodgers had a six win, two loss record.

Danny Ray led the way for the Yankees by collecting three hits and scoring four runs. Scott Roby, the winning pitcher, and John Andrews each scored two runs.

The Dodgers were led by Allan Ball and John Thomas, who each had a double and a single, and by Larry Jeffris, who scored two runs.

In the T-Ball Division, the Rangers were upset by the second place Braves last week 22-21, but defeated the Twins 25-13 to win the second half championship with a record of seven wins and one loss.

Dawn Werner scored five runs, and Donna Cunningham and Daniel Robertson each added four runs for the Braves, who also defeated the Rangers in the first half of division play.

Jeff Kruse and Jeff Whitnack scored four

and three runs, respectively, to lead the Rangers in both games they played last week.

The Expos were outscored by the Indians 24-10 and the Twins 25-24, the Astros blasted the Braves 30-13, and the Indians nipped the Astros 18-17 in the other T-Ball action last week.

Scholarship loans open to women in education

Two \$1,000 scholarship loans in the field of education are now being offered by Delta Beta Chapter of Delta Kappa Gamma Society to women living within the chapter's service area.

Eligible applicants may be upper division college or university students or currently employed educators seeking advanced degrees or additional credentials. The service area of this local chapter includes the Indian Wells Valley communities of China Lake, Inyokern and Ridgecrest, as well as Boron, Edwards, Mojave and Trona.

Those interested in applying for the scholarships can obtain application forms by writing to Mrs. Muriel Stanley, P.O. Box 1523, Ridgecrest, CA 93555. Requests should be postmarked no later than July 15.

Military may get Angels' games discount tickets

Discount tickets to Angels' baseball games played at Anaheim Stadium can be ordered by NWC military personnel only at the Recreation Coordination Office, located next door to the Center gym.

These tickets must be purchased two weeks in advance in order to allow time for the order to be mailed in to the Angels'

ticket office. This is necessary since waiting to exchange tickets purchased at a discount on the day of a game could result in a turn-away at the box office in the event that a game is already sold out.

The cost of the tickets is \$4 for field seats (regular \$5) and \$3.40 for terrace seats (regular \$4).

Promotional Opportunities

(Continued from Page 2)

of the trades supervised, including the ability to read and interpret other technical specifications, manuals and technical directives. Directly supervises electricians and industrial electronic mechanics. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment; interest in and potential to manage people problems (EEO). For Supplemental Form 171, see Supplemental Form 171. Supervisory information sheet to be received not later than July 18, 1980. Supplemental form may be picked up in the Personnel Bldg. 34, Rm. 210, from Linda Long. NOTE: Permanent promotion may be made at a later date as a result of this ad.

Announcement No. 38-001, Secretary (Typing), GS-318-3, PD No. 7928015, Code 3803 — This is a part-time position. This position is located in the Independent Research and Development/Technology Utilization Office, Research Department. The incumbent provides administrative and clerical support to the head, Code 3803. The incumbent reviews all incoming industry correspondence, brochures, and reports to insure proper handling. The incumbent coordinates the evaluation of industry IR&D efforts by NWC scientist and engineers. The incumbent makes all necessary arrangements for industry briefings on Center. The incumbent is also required to maintain the supervisor's calendar, set up conferences and make appointments. Job Relevant Criteria: Ability to deal effectively with a variety of personnel and officials; knowledge of Navy correspondence. Ability to work independently. Ability to make sound decisions. Promotion potential to GS-6. Promotion to higher level is not guaranteed.

Announcement No. 62003, Interdisciplinary Level IV Position, (GS-861), Supervisory Electronics Engineer (GS-853), Supervisory Mechanical Engineer (GS-830), Supervisory Mathematician (GS-1520), Supervisory Physicist (GS-1310), PD No. 8062019E, Code 62A. This position is to be filled under the NWC Demonstration Project. It is a Level IV Scientific and Engineering position. This position serves as associate department head, Range Department. The Range Department provides complete air and ground range test and evaluation capability and warhead and propulsion static test capability. The department is responsible for the development of the technical and administrative aspects of planning and managing in the T&E community; ability to perform coordination and liaison functions with Center, other Navy, other DoD and contractor personnel; ability to communicate well both orally and in writing. Closing date July 18, 1980.

Announcement No. 2065, Engineering Technician, GS-802-9, PD No. 8065023N, Code 6213 — This position is located in the Instrumentation Branch, Ordnance, Test and Evaluation Division, Range Department. The branch is responsible for supporting the ordnance test and evaluation function by performing the design, installation, modification and maintenance of instrumentation. This position is responsible for the calibration, evaluation, and repair of transducers. These transducers are used by the

incumbent to obtain precise measurement of dynamic forces. The incumbent designs data acquisition systems. Job Relevant Criteria: Knowledge of process control systems and transducer operations; knowledge of calibration practices and techniques as they relate to equipment used in process control and instrumentation systems; ability to communicate well in writing and orally; ability to work well with others. Promotion potential GS-11.

Announcement No. 44004, Engineering Technician, GS-802-9, PD No. 7964039N, Code 6412 — This position is located in the Product Support Branch, Production Support/Quality Assurance Section, Engineering and Production Division, Parachute Systems Department. The Product Support Branch is responsible for basic design, maintenance engineering, integrated logistics support, and production support/quality assurance of assigned parachute systems and deceleration devices. The incumbent assists in establishing standard procedures and requirements for conducting first article production and production lot sample tests and inspections for parachute/deceleration systems, subsystems and related hardware. The incumbent specifies qualification test hardware, ranging from complete parachute systems to individual bits and pieces, for conformance to drawing and design specifications. Job Relevant Criteria: Knowledge of quality control and inspection techniques; knowledge of aerospace escape and survival systems. Ability to work well with others. This is a readvertisement of a previously run ad. Previous applicants need not apply.

Walter, NA-7420-2, \$3.33 per hour plus benefits, permanent, full-time Officers' Club. This is not a Civil Service position, 2 positions. Incumbent will set up area, take customers orders, clear area after serving, know proper technique for serving, be aware of mixed drinks available and prices. Qualification Requirements: Experienced all duties required for operation in a dining area and bar; physically able to perform arduous duty and carry up to 25 lb.

Child Care Attendant, PS-0189-2, \$3.44 per hour plus benefits, permanent, full-time, Children's Center. This is not a Civil Service position. Incumbent will direct and supervise children, help with required clean-up of area and equipment; aid in preparation of materials and activities. Qualification Requirements: Must be a high school grad or equivalent; familiar with children and techniques of counseling, disciplining; be familiar with first aid and fire safety procedures; able to carry up to 40 lb.; constant standing and walking.

Child Care Attendant, PS-0189-3, \$3.70 per hour plus benefits, permanent, full-time, Children's Center. This is not a Civil Service position. Incumbent will direct and supervise children, help with required clean-up of area and equipment; aid in preparation of materials and activities; provide care, guidance and developmental experiences, meeting appropriate educational and emotional needs of children; provide atmosphere to ensure child will feel secure and protected; provide program aids; develop child's social skill, intellectual development; plan daily lesson plan; provide classroom environment that is cheerful and stimulating. Qualification Requirements: Must be a high school grad or equivalent; 1 year experience group child care or successful early childhood development, or one year's training under qualified supervisor working with children age group served by Children's Center, able to lift 40 lb.

Food Service Worker, \$3.49 per hour, Friday, Saturday, Sunday, 24 hours week, 3 months only, China Lake golf course snack bar. This is not a Civil Service position. Cooks and serves snack bar items and mixes drinks; Must be of legal age to serve drinks.

Apply for all non-Civil Service positions with Bettye Cheatum, Bldg. 21, Recreational Services Dept., Ph. 3387 or 3388.



## Handicap singles tennis tournament winners announced

Morris Scharff, Virginia Wirtz and Barbara Beyer won their respective divisions in the third annual NWC Recreational Services / China Lake Tennis Club (CLTC) handicap singles tournament held last Saturday at the China Lake tennis courts.

Scharff defeated Bob Forrester 10-7 in the "A" Division championship game. Ken Grant edged Kristi Fox 10-9 in a tiebreaker for the consolation championship.

In the "B" Division, Wirtz outscored Robert Fox 7-6 to win the championship. In the consolation championship game, Tracy Brandt downed Bill Hattabaugh 8-6.

Ruth Gleason lost to Beyer 10-7 in the "C" Division championship game, and Dave Hall defeated Capt. Louis Aldana 11-5 in the consolation contest.

First place and consolation winners received books on tennis as prizes, and ceramic mugs were awarded to the second place finishers in the 35-player tournament.

Forrester, the tournament director, said he was pleased with how the handicap part of the tournament worked out.

"I think the handicap made the tournament pretty even," Forrester said. The handicaps put a little more bite into the games, and it added a little more confidence to those who needed it."

Forrester said he will use the same handicap system again in the future.

"The tournament committee only had to change four or five players' ratings to change the four or five players' ratings the whole time," Forrester said. "We'll use the same system again for our doubles handicap tournament in September and make the competition even tougher."

Besides the doubles fun tournament in September, the CLTC also is sponsoring a twilight doubles competition which started Tuesday and will continue between 6 and 8 p.m. for the next five Tuesdays. The cost is \$5 for any CLTC member.

## Several members added to Military Athletic Committee

Several new members have been added to the Military Athletic Committee—a group organized to serve as the point of contact by military personnel interested in sports or recreational activities offered at the Naval Weapons Center, as well as the year-round Commander's Cup athletic competition.

Current members of the Military Athletic Committee, and their telephone numbers, are:

**NWC Blue (Code 612)** — AE1 Roy Tefft, NWC ext. 5221, and AE2 Rick Dean, NWC Ext. 5496.

**NWC GOLD** — Ens. Sharon Beck, NWC ext. 3451; RMC Lonnie Duggins, NWC ext. 2291, and EM2 Richard Prockish, NWC ext. 2111.

**VX-5** — Lt. T. J. Ringle, NWC ext. 5357 or 5286; Ltjg. G. L. Pritchard, NWC ext. 5273 or 5252; AECS John E. Smith, NWC ext. 5202 or 5274; LT1 Rudy Cena, NWC ext. 5236; AD3 Tim Jenkins, NWC ext. 5203; AD3 Armand Rosenthal, NWC ext. 5331, and YN3 Kim Ryder, NWC ext. 5244 or 5263.

The start of another year of Commander's Cup athletic competition is scheduled on Wednesday, July 16, when bowling teams representing NWC Blue, NWC Gold and VX-5 will vie at 1 p.m. at Hall Memorial Lanes.

Military personnel interested in taking part in bowling are asked to contact the appropriate representative on the Military Athletic Committee as soon as possible.



**CLOSE FINISH** — Spencer Sumter of the NWC Gold team leans forward to win the men's 100-yd. dash by a narrow margin in the Commander's Cup track and field meet. Rudy Looney (r. foreground), also of the NWC Gold squad, was second, and Randy Hendrix of NWC Blue finished third. NWC Blue won the meet, followed by VX-5 in second place and NWC Gold third.

## NWC Blue captures Commander's Cup trophy

The NWC Blue team clinched the Commander's Cup athletic trophy for the second year in a row by winning the track and field meet held last week at Kelly Field on the Murray Junior High School campus.

The NWC Blue team scored 21 points to finish first in the meet, which was the final Commander's Cup athletic event for 1979-80. VX-5 finished second with 17 points, and NWC Gold was third with 15 points.

Overall, NWC Blue totaled 39 points for the year followed by VX-5 with 33 points and NWC Gold with 28.

All-around team strength contributed to NWC Blue's track and field victory as the NWC Blue squad finished third or higher in every event. The individual results were:

**Men's 100-yd. dash** — Spencer Sumter and Rudy Looney, both of NWC Gold, first and second, respectively, and Randy Hendrix, NWC Blue, third.

**Women's 100-yd. dash** — Robin Gillen, NWC Blue, first; Monique Schneider, VX-5, second, and Valerie Robinson, NWC Blue, third.

**Men's mile run** — Dave Leedy, NWC

Gold, first and Tamayor Mays, NWC Blue, second. There were only two runners in the race.



**CHAMPIONS AGAIN** — Roy Tefft, athletic representative for the NWC Blue team, accepts the Commander's Cup athletic trophy from LCdr. Gerry Pike, Commanding Officer of Enlisted Personnel.

**Women's 400-yd. dash** — Carren Hutchinson, VX-5, first; Gillen, NWC Blue, second and Sheryl Hendrix, NWC Gold, third.

**Men's softball throw** — Jim Carr, NWC Blue, first with a throw of 260 ft., 9 in.; Thomas Stone, VX-5, second and Sumter, NWC Gold, third.

**Women's softball throw** — Felicia Blackburn, VX-5, first with a throw of 192 ft., 9 in.; Gillen, NWC Blue, second, and Hutchinson, VX-5, third.

The 6-man shuttle relay and tug of war events were cancelled due to the small number of athletes competing. The running events were not timed.

The Commander's Cup athletic trophy was awarded to Roy Tefft, a member of the Military Athletic Committee from NWC Blue. The presentation took place during the NWC all hands picnic held at the Chief Petty Officers' Club following the track and field meet. The trophy was presented by LCdr. G. A. Pike, Commanding Officer of Enlisted Personnel and head of the Military Administration Department.

## Pizza Villa moves into Fast Pitch Division lead

Pizza Villa became the new leader of the Fast Pitch Division of the China Lake Intramural Softball League last week after defeating Vinyl Disc 3-2 and the Sand Sierra team 17-8.

Pizza Villa, which has a record of 6 wins, a tie, and a loss, leads the second place Sand Sierra squad by ½ game.

Winning pitcher Barry Olson blanked the Vinyl Disc team for six innings before allowing two runs in the bottom half of the seventh frame. Olson allowed five hits, one walk and struck out eight.

Andy Prince led Pizza Villa's hitting with a double and a single in four at bats, and Dale Evins added a triple. Jimmy Knott homered for Vinyl Disc.

Against Sand Sierra, Pizza Villa scored nine runs in the last inning to preserve its hard-fought victory.

Ralph Stalnaker and Evins both went 4-for-4 for Pizza Villa. Stalnaker had a triple and three singles, and Evins clubbed a home run, two doubles and a single. Jerry Mather also homered for Pizza Villa. Mark Gritton hit a 2-run home run for the Sand Sierra team.

In other Fast Pitch games last week, Knott pitched a perfect game and struck out 13 in Vinyl Disc's 21-0 trouncing of the NWC Navy Varsity team, and Fuller Masonry downed the NWC Navy squad 17-2.

Mather's Dairy Service and the SCOE Astros both picked up a pair of victories last week to hold their leads in the National and American Divisions, respectively, of the Open Slow Pitch Division.

Mather's Dairy Service blasted ARCS 19-9 as Ralph Stalnaker homered twice and tripled in five at bats, and Al Chieze tripled, doubled and singled. Mark Gritton had three hits for ARCS.

Chieze also went 4-for-4 to lead Mather's Dairy Service to a 14-2 victory over CSC. Randy Klassen went 3-for-4, and Dale Evins added a home run and a triple. Ben Williams had two hits to lead CSC offensively.

Meanwhile, the SCOE Astros crushed Burger King 15-3 and outscored Bird Olds 12-7.

Bruce Livingston and Rich Owens both had two hits to lead the Astros' attack against Burger King, the National Division's second place team. Livingston also led the Astros in hitting against Bird Olds as he and Jerry Lewis both went 3-for-4. Mike Salisbury and Wynn Christensen both had two hits for Bird Olds.

The scores in other Open Slow Pitch contests last week were: Time Out/High Desert Home Center 18, ARCS 8; Knights of Columbus 17, CSC 7; Burger King 15, Swap Sheet 13; Knights of Columbus 15, Bird Olds 7; Knights of Columbus 22, Time Out/High Desert Home Center 21; Burger King 12,

## Giants walk to victory over CLL Cards in Minor Div. intercity championship game

After being issued 16 bases on balls by their opponents, the Ridgecrest Little League champion Giants literally walked to a 23-6 victory over the China Lake Little League champion Inyokern Cardinals in the Minor Division intercity championship game held Monday night at Diamond No. 4.

The Giants used seven of those walks and some timely hitting to score 17 runs in the top of the third inning for an insurmountable 22-0 lead.

Joe Norris, the Cardinals' starting pitcher, was removed from the mound after allowing 10 walks in 2 1/3 innings of work. This confused Art Gustat, the Cards' manager.

"Joe's not known to be wild; as a rule he is a very good pitcher," Gustat said. "I don't know what happened."

The Cardinals came back with five runs of their own in the bottom of the third inning, but the Giants' defense, led by shortstop Jeff Rich, shut down the Cardinal offense for the rest of the game. Rich, who was selected by the umpires as the game's most valuable player, made three superior

Pizza Villa 6; Pizza Villa 17, CSC 13; and High Desert/Saloon 13, ARCS 11.

In the Women's Slow Pitch Division the Rowdies saw a 14-8 lead slip away, and they had to settle for a 14-14 tie with the Bamboo Babes.

The tie put an end to the Rowdies' 11-game winning streak, but they still had a one-half game lead over Pizza Villa for first place at the week's end.

Sandy McLain homered, tripled and singled in four at bats to lead the Bamboo Babes' bats. Tammy Whittaker and Boni Lake each added two singles.

Debbie Reider was the game's leading hitter as she went 4-for-4 with a home run and three singles. Jerry Jeffris had two

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fielding plays, including a diving catch of David Pearson's line drive in the sixth inning.

"Defense definitely made the difference in the game," said Grover Bradley, the Giants' manager. "The game would have been much closer if we didn't play the defense that we did."

Southpaw Shane Smith allowed 11 hits in two walks and struck out six in six innings, notching the pitching victory for the Giants, who finished the season with a record of 11 wins and 6 losses.

Ray Kuo went 3-for-3 and scored four runs to lead the Giants offensively. Larry Debold also collected three hits, including a triple, and scored three runs. The other leading

Giant hitters were Rich, who tripled and singled, Rich Townsend, who doubled and singled, and Smith, who singled twice.

Norris tripled and doubled, Kelly Bryant doubled, singled and scored two runs, and David Halsey singled twice to lead the hitting for the Cardinals, who finished the season with a record of 12 wins, 3 losses and 1 tie.



**OUTSTANDING EFFORT RECOGNIZED** — FTMC Albert W. Pinney uses a PDP 1140 mini-computer to aid in software analysis for the air-launched Cruise missile program. Chief Pinney received a Special Act Award for his contributions to the Independent Verification and Validation of the missile's operational flight software. —Photo by Ron Allen

## FTMC Pinney given Special Act Award for software analysis

A Naval Weapons Center Special Act Award was presented last week to Albert W. Pinney, a Navy fire control technician chief, who is currently involved in software analysis for the ground-launched and sea-launched Cruise missiles.

The award presentation was made by William B. Porter, head of the Weapons Department, before a group of FTMC Pinney's co-workers that included two Code 39 branch heads for whom he is working — Claude Brown and Jim McGuire, heads of the Weapons Control and Missile Software Branches, respectively.

A Superior Achievement Award of \$400 accompanied the Special Act commendation presented to Chief Pinney.

Chief Pinney was singled out for this unusual honor for a military man or woman at NWC in recognition of his outstanding effort as part of a 3-man requirements analysis team whose members were responsible for insuring that government specifications for the Cruise missile's operational flight software were met by the two general contractors who were competing for the contract award.

The Naval Weapons Center was asked to participate with the Air Force in the Independent Verification and Validation (IV&V) of the missile operational flight software for the Joint Cruise Missile Program Office.

FTMC Pinney spent three months (September through December 1979) at Science Applications, Inc., in La Jolla, Calif., where he and two others carried out their special assignment.

He was recommended for the NWC Special Act Award by Claude Brown, who noted that "his high level of technical competence, originality of approach, and spirit of perseverance resulted in a high quality requirements analysis report that was of significant technical value and

assistance to both the Air Launched Cruise Missile Source Selection Evaluation Board and the Joint Cruise Missile Office."

FTMC Pinney participated directly in the detailed tracing of software requirements from top-level Department of Defense documents to specifications prepared by the competing contractors. The results of this work were used as the basis for completion of other IV&V efforts.

Chief Pinney has been at the Naval Weapons Center since July 1979. He was assigned here from the USS Oklahoma City, flagship of the 7th Fleet homeported in Yokosuka, Japan, where he served for five years as the ship's weapons system coordinator.

## Navy Leaguers will describe cruise to Hawaii at meeting

Four members of the Indian Wells Valley Council of the Navy League will share highlights of a recent cruise to Hawaii during the next meeting of local Navy Leaguers. The meeting will be held on Thursday, July 10, starting at 6 p.m., at Clancey's Claim Co. in Ridgecrest.

The four men — Ed Romero, Aaron Kirschenman, George Hueck and Earl Smiley — traveled as guests of the Secretary of the Navy on board the USS New Orleans, an amphibious assault ship.

The ocean trip to Honolulu, where they visited the USS Arizona memorial and saw various tourist attractions, took eight days and began on May 23. It was a one-way trip, however, and the travelers had to make their own arrangements to get back home.

This will not be a dinner meeting, but salad and hors d'oeuvres will be served at a cost of \$3.50 per person.

Reservations, which are due no later than Tuesday, can be made by calling Tom Andress, Navy League president, at 446-5914 or 446-5763.

## Rescue flights . . .

(Continued from Page 1)

Adams was the pilot on another errand of mercy that left Armitage Airfield at around 11 p.m. headed for a landing zone at U.S. Forestry Department camp in the Chimney Peak area of the Sierras, where transportation to a hospital was needed for a badly injured motorcycle rider.

Once again, LCdr. Lancaster was the copilot, while crew members on the helicopter were AT1 Richard Holmes, AT3 Richard Jones, and HM3 Michael Hozey.

The accident victim, Wilhelmus DeHollander, 31, reportedly suffered extensive internal injuries, as well as head injuries due to an accident sometime before 9 p.m. Friday on the Kennedy Meadows Road.

Because of the urgent need for medical attention, an ambulance that had been called transported him as far as the landing zone at Chimney Peak, and the flight from there to the Ridgecrest Community Hospital heliport took just 15 min. — from 11:35 to 11:50 p.m. last Friday.

The injured motorcyclist, whose injuries were compounded by the fact that he wasn't wearing a helmet when the accident occurred, was accompanied to the hospital by a member of the Chimney Peak rescue squad, who administered oxygen to help his breathing before and during the flight.

## VEAP pays off for vets

More than \$34 million has accrued to 16,000 contributors to the post Vietnam Era Educational Assistance Program (VEAP) who are eligible to enroll in school or training programs but have not done so yet.

For each dollar military personnel contribute, two more are added by the Veterans' Administration. More than 200,000 service personnel were enrolled in the program as of February 1980.

## Award established honoring Clarence Renne

Clarence J. Renne, who served as a division head in the Ordnance Systems Department and its predecessors for 18 of the nearly 25 years that he has been employed at the Naval Weapons Center, was doubly honored at his retirement party last Thursday.

The Ordnance Systems Department has instituted the annual Clarence J. Renne Award to provide recognition for those who make major contributions to the operating plant of that department, and presented the first award to Renne himself.

The award pays tribute to Renne's leadership, vision, and persistent efforts over many years to ensure that the Ordnance Systems Department's operating plant was ready and safe for project use.

The award consists of a certificate and a model of an explosive melt cast kettle mounted on a truncated wooden pyramid engraved with the name of the recipient and the year of its presentation. On one side of the award is a gold-on-black picture of Renne and a description of the award criteria.

### CRITERIA FOR AWARD

The award will be given each June by the head, Ordnance Systems Department, for outstanding effort and excellence in one or more of four areas: design, installation, maintenance, or operation of the facilities, processing equipment, or processing systems of the department; long-range planning of facilities or equipment needs; logistics support for processing or testing operations; or administrative, clerical, or leadership support for the above activities.

The award may be given for either a single outstanding achievement or for continued excellence of performance.

In 1978 Renne received a Sustained Superior Performance Award for his dual role in a six-month period as head of the Engineering Division and senior administrative officer of the Ordnance Systems Department during the time that the zero base budget was implemented.

He served also as a member and chairman of the Department Staffs' Assistant Council and the Technical Administrative Panel, and, in addition, has represented the Ordnance Systems Department during all union negotiations with the Metal Trades Council.

Renne was the senior Center representative on the Interlaboratory Committee on Facilities, and was a member since 1972 on the NWC Shore Facilities Screening Committee.

His NWC community activities include being a member of the Employee Services Board during the time that the supermarket and service station were brought aboard the Center.

Renne, a native of Kansas City, Mo., is a graduate of the University of Kansas with a

degree in industrial management, an academic discipline combining both technical and business functions.

As well as service in the Army, his professional experience prior to coming to China Lake included construction work and five years as an employee of the Hercules Powder Co. at the Sunflower Ordnance Works in Kansas.

Renne and his wife Jackie (who is well known for her many community activities) have bought a home in Ridgecrest and plan, at least for the present, to remain in the local area.

### Energy conservation tip

Use a microwave oven for energy conservation; microwaves use markedly less electricity than regular cooking devices and don't throw excess heat into the kitchen.



**DOUBLE HONOR** — Bob Hillyer (l.), NWC Technical Director, and Carl Schaniel (r.), head of the Ordnance Systems Department, congratulate Clarence Renne on not only having the Clarence J. Renne Award named in his honor for outstanding contributions to the maintenance and planning of the physical plant of the Ordnance Systems Department, but on being the first recipient of the award. —Photo by Al Boyack



**FIELD CONFERENCE** — Richard Lybeck (at right), a systems analyst for G.E.M.P., holds a map while conferring with (l. to r.) Peter Squires, Al Katzenstein, and Jennifer Brong about the location of a sounding station. Squires is a G.E.M.P. field technician; Katzenstein is a geologist in the Geothermal Technology Branch of the NWC Public Works Department's Geothermal Utilization Division; while Ms. Brong, a summer employee, is an archeologist whose concern is protection of Indian artifacts during the time that earth resistivity tests are being conducted in the Coso geothermal area.

## Drilling sites studied . . .

(Continued from Page 1)

1,000 ft. square and, using a transmitter and a loop of insulated wire laid out on the ground, have produced an artificially transmitted surface wave that serves to provide information on the resistivity of the earth.

Data obtained is filed in digital form on magnetic cassettes. Two independent data acquisition systems are operating at the same time supplying two independent digital records. In addition, a graphic record is provided for checking the quality of the recording directly on the field.

One cassette is sufficient for three or four soundings. The cassettes are processed at G.E.M.P.'s computer terminal in Santa Rosa.

Under the terms of the contract with the California Energy Company, Inc., title to the land, the geothermal resource, and the electricity produced will remain with the Navy. The private developer is, in effect, performing a service for the Navy in that the company is taking a Navy-owned resource and converting it to Navy-owned electricity.

Initially, the full electric requirements of the Naval Weapons Center (10 to 20 megawatts) are to be served. Later, as the geothermal energy production expands, the developer will provide up to 75 megawatts of the electric power requirements of other Naval installations in southern California. California Energy Company, Inc., will

recover its investment through payments by the Navy for converting geothermal energy to electricity. The potential geothermal electric energy generation at the Coso site is estimated by Navy geologists to be at least 1,000 megawatts, and some experts estimate it will reach four times that amount.

A total of 1,000 megawatts of geothermal energy is the same as burning 16,800,000 barrels of oil a year.

### Course scheduled in Integrated Logistics Support

Enrollment is open in a one-day minicourse on the subject of Integrated Logistics Support (ILS).

The course, which is to be held at the Training Center on Thursday, July 24, from 8 a.m. to 4 p.m., will be taught by Robert Gritton, ILS manager in the ILS Branch of the Engineering Department's Fleet Engineering Division.

Emphasis will be placed on what program managers, not users, need to know about ILS. Topics to be covered will be the concept and objectives of the ILS program as related to operational capabilities.

In addition, information will be provided on approaches to be taken by program managers in applying the ILS concept to acquisition programs, and there will be an explanation of the relationship between ILS and associated acquisition disciplines.

Center employees interested in attending this course must submit an NWC training request and authorization to Code 094 no later than July 11.

### With one exception, all Naval Districts to be disestablished

All Naval Districts, with the exception of the Naval District Washington, D.C., will be disestablished on Sept. 30. This change is being made to streamline the Navy's organizational structure.

The functions and resources of the currently operating districts will be transferred to naval bases in the areas as follows:

Fourth Naval District functions and resources will be assigned to the Naval Base Philadelphia.

Thirteenth Naval District functions and resources will be transferred to and used to establish Naval Base Seattle.

The Fifth, Sixth, Eighth, and Eleventh Naval Districts, which currently have no resources, will also be disestablished.

Community relations and area coordination will continue to be the responsibilities of Naval Base Commanders and the Chief of Naval Reserve as Chief of Naval Operations area representatives.

## Engineering data management training completed

Six Naval weapons Center employees recently were awarded certificates denoting their successful completion of an engineering data management specialist training program.

The course was established for employees in the Data Acquisition and Control Branch (Code 3651) of the NWC Engineering Department's Technical Data Division, and the certificates were presented by Dan Brown, their branch head, to the first Centerites to complete it.

Those who were trained to help fill a vital need in their work area are Marguerite A. Baker, Audrey M. Boyer, Mary E. Burchett, Kathleen A. Moe, Patricia A. Stroud, and Betty L. Yon.

The engineering data management specialist course was established as a result of the need to aid the various program managers in defining, organizing and processing the tremendous volume of data needed to support their program.

At the outset, local contractors were asked to supply services in the configuration and data management area. The contractor was able to bring in personnel who had experience in industry in data management.

Even though the contractor was able to assist the program office in many ways, services were limited because of contract limitations that prevented contractor employees from being involved in the necessary interface between the Naval Weapons Center and other Department of Defense activities.

Since contractor employees couldn't represent NWC with various contractors and vendors, the need became apparent for data managers from among the Center's own workforce. Additionally, the demand for such employees increased as program offices at Center and in the Naval Air Systems Command came to rely more and

### Clinic offering shots for dogs slated July 10

A low-cost shot clinic for dogs will be held on Thursday, July 10, at the old fire station on Station Street in Ridgecrest. The clinic will be open from 6:30 to 9 p.m.

A second clinic will be held in the same place on Thursday, July 31, so that dogs who need a series can complete getting their shots.

Held under the sponsorship of the Coso Dog Fanciers Association, the clinic offers shots at a charge of \$3 for rabies, \$5 for distemper, and \$7.50 for parvovirus.

more on data managers.

Even while the demand grew, the availability of experienced data managers became less and less as those qualified in this field retired or went into another area of work.

Faced with this situation, the decision was made to try to find trainable applicants at NWC and teach them to become data managers.

Thanks to the effort of Bob Graven of the NWC Personnel Department, who worked with employees of the Engineering Department, job descriptions and the career ladder for the Engineering Data Management Specialist job series was established.

There is a trainee position at the GS-5 level that opens the door to employees who have had some experience in documentation, but were stuck at the top of their old job series. They were employees who were in positions such as documentation clerk, data control clerk, and configuration control clerk. Incumbents in these positions worked with and supported data managers, but previously had no way of moving beyond the clerk position.

Also established was a trainee position aimed at giving employees the opportunity to become qualified to fill the roles of data

managers on various programs. Training classes are offered on Center as well as off Center to give those in the trainee position the expertise needed to fill the role of data managers or configurations managers.

The recently concluded training class that was culminated by the presentation of certificates of completion to six NWC employees included 20 sessions, each 2 hours long, that were taught by senior employees from not only Code 3651, but also the Configuration and Data Management Support Systems Office (CADMSS), the Engineering Drawing Branch, the Specification Branch, and the Logistics Documentation Branch — all a part of the Engineering Department's Technical Data Division — as well as an instructor from Comarco in Ridgecrest.

Subject matter covered ranged from a review and application of engineering change proposals, notice of revisions, and specification change notices, to interpreting and using data from CADMSS.

In addition, engineering drawing practices were reviewed, as were functions of the various branches in the Engineering Department's Technical Data Division. Also provided was instruction on the subject of Integrated Logistics Support, the weapons acquisition cycle, and acquisition of technical data.



**TRAINING COURSE COMPLETED** — Daniel Brown (at right), head of the Data Acquisition and Control Branch in the NWC Engineering Department's Technical Data Division, presents certificates to employees in his branch who have completed an

engineering data management specialist training program. The recipients of the certificates are (l. to r.) Mary E. Burchett, Patricia A. Stroud, Kathleen A. Moe, Marguerite A. Baker, Audrey M. Boyer, and Betty L. Yon.

## Soc. for Technical Communication led by employee of TID

Alberta L. Cox, head of the Publications Division of the Technical Information Department, was inaugurated as president of the Society for Technical Communication (STC) recently at the Society's annual conference in Minneapolis.

STC is an international society with over 1,000 members throughout the United States, Canada, and Europe.

Mrs. Cox was elected to the board of directors of STC in 1975, and has served as either a director or an officer of the Society since that time.

Her first experience in the communication field came when she worked for a small publishing company in Colorado while her husband, Stan, was in college.



Alberta L. Cox

When he graduated and went to work for the Army at Dugway, Utah, the personnel department there discovered her background and persuaded her to come to work for the Dugway publications group.

She and Stan transferred to the Navy at China Lake in 1963; Mrs. Cox has been employed in TID since that time.

Her expertise is recognized by her selection to join the staff of the Rensselaer Polytechnic Institute in conducting the 28th Technical Writer's Institute.

Mrs. Cox has been invited also to speak to the Rochester, N.Y., chapter of STC as its first Joseph G. Zygmunt Memorial Lecturer at a special meeting to be held at the Rochester Institute of Technology.

In 1977 she was elected a Fellow of the Institute for the Advancement of Engineering, and in 1978 she was appointed to the executive board of the "Journal of Technical Writing and Communication."

As well as serving as president of the parent STC organization next year, Mrs. Cox will be chairman of the Sierra-Panamint Chapter of STC. She has been a member of the Sierra-Panamint Chapter since 1963, and, at various times, has held all the offices in the local chapter.

### Delamping program update shows that major savings made

The latest report on the Naval Weapons Center's delamping program shows that as of June 2nd, a total of 5,400,200 kilowatt hours of electrical energy consumption have been cut from the Center's annual use by lowering levels of illumination in offices and work spaces to conform with Navy standards.

Total labor cost for removing excess lights and ballasts and replacing bulbs with more energy-efficient bulbs so far is \$133,460, and the annual savings on electrical bills is estimated at \$216,900 at today's electrical rates.

The delamping program will continue until all Center work areas have been checked. The delamping crew is presently working at Armitage Field, the only significant area yet to be done.



**POSSIBLE DANGER SPOT** — Fire inspectors will concentrate mainly on kitchens and garages during their inspection of occupied housing on the Naval Weapons Center. Accompanied by Nancy Anderson, Fire Inspector Gino Villaiba examines the inside of the gas oven at her home—looking for any accumulations of grease. Fire inspectors also check for overall cleanliness of stoves and ovens, as well as the oxygen content of flames on the burners which could be a clue to a possible safety hazard. —Photo by Ron Allen

## Sequoia Nat'l Forest beckons vacationers for weekend ahead

After earthquakes, snow, and rain on the Sequoia National Forest for the Memorial Day holiday, vacationers can reasonably expect a more pleasant visit on the 4th of July weekend, according to Norman Arsenault, forest recreation officer.

The warmer weather is causing the snow to melt; thus, opening most of the high country trails and roads. Trails on the northern slopes above 8,000 ft. elevation could possibly be impassable, however, until mid-July because of snow drifts.

The snow melting creates fast streams and muddy conditions on trails and dirt roads. Bikers on the Kern Plateau are to proceed with caution on the designated trails because of the mud. Bikers could become stuck and also the trail could be damaged if used under these conditions.

### STREAMS DANGEROUS

The rivers and streams of the mountains claim too many lives each year. The water looks inviting on a day of 80-90 degree weather. However, it is very swift, cold, and deep. Hikers along the streams are urged to be sure of their footing so as not to loosen a log or rock which might cause them to fall into the water.

All major roads in the Sequoia National Forest are open, and all campgrounds are expected to be open with the exception of Coy Flat.

The fire danger on the Sequoia National Forest is moderate to high. Fire permits are required for warming and cooking fires outside of a developed campground or designated fire-safe area.

### CAMPFIRES NEED TENDING

A campfire is to be built on mineral soil only within a cleared area of 10 ft. A campfire is never to be left unattended, and should be cool to the touch when put out. Abandoned campfires are still the cause of many forest fires. Visitors are urged to extinguish their campfire at least one-half hour before leaving their campsite. Smoking is prohibited on trails.

Fireworks pose a serious threat to the Sequoia National Forest resources. All

fireworks — even those labeled "safe-n-sane" — are illegal on the National Forest. Fireworks of all types can be confiscated and their owners prosecuted if fireworks are transported into the National Forest. The laws prohibiting fireworks also prohibit the use of incendiary or tracer ammunition.

The Sequoia National Forest office at 900 W. Grand Avenue, Porterville, will be open from 8 a.m. to 8 p.m. from Monday, June 30, through Thursday, July 3. Visitors may pick up wilderness permits, campfire permits, and recreation information during those hours. For those wishing to telephone for information, the number to call is (209) 784-1500.

### Military dependents' pre-school physicals now being scheduled

Physical exams for kindergartners and first graders who are dependents of military personnel and will be registering in local schools for the new semester that starts in September are now being given at the Branch Medical Clinic of the Navy Regional Medical Center, Long Beach.

Appointments are necessary for such physical exams, and can be made by calling at the Medical Clinic switchboard 2911, and asking for ext. 246.

Local Medical Clinic officials request that parents act quickly on this matter by making an appointment for their child at the earliest possible time, instead of overloading the clinic by waiting until the last minute.

Two clinic visits are required to complete the physical exam. On the first visit, youngsters receive any immunizations that are needed, lab work is handled, and eye examinations are given.

On the second visit, a doctor will complete the remainder of the physical exam.

First grade and kindergarten physical examinations are required by the State of California. They will be accepted if done up to 18 months prior to entering the first grade.

## Fire Division will inspect all occupied residences in July

Naval Weapons Center Fire Division personnel will be conducting door-to-door courtesy fire inspections of all Center housing units during the month of July.

Every effort will be made to inspect all occupied housing at China Lake. In order to do this, it may be necessary to schedule some of the inspections after working hours or on weekends because of the tenants' work schedule, vacation plans, or for other reasons.

The fire inspection teams will not inspect vacant or unoccupied quarters. A responsible adult family member must be present while each inspection is being made.

All China Lake residents are urged to participate in this effort that is aimed at making Centerites more aware of the importance of fire prevention. The fire inspectors will point out possible fire and safety hazards in and around the home, concentrating mainly on kitchens and garages.

Tenants may request a more complete inspection of their dwelling place, and are encouraged to do so by the Fire Division. During this checkup, fire inspectors will make recommendations and answer any questions that China Lakers may have in regard to fire prevention.

Lee O'Laughlin, NWC Fire Chief, urges all Centerites to have their homes inspected. "America's fire problem is not only in the workplace, it's in the kitchen, the living room, and the bedroom," Fire Chief O'Laughlin said. "As a witness to these tragedies, I've learned that most fires can be prevented. Avoid fires in your home — have your home inspected in July," the fire chief emphasized.

Residences on the Naval Weapons Center are inspected annually by the NWC Fire Division in accordance with NAV-WPCENINST 11320.4 (NWC Fire Regulations).

### CHAMPUS revises billing method for medical services

A change in the method used by the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) to determine allowable medical charges has been announced by Theodore Wood, Director of the Office of CHAMPUS, and will be effective on July 1, 1980.

The change will improve the overall level of payments for CHAMPUS claims, according to Wood, and is expected to result in an additional \$13 million paid on CHAMPUS claims for medical services.

Previously, the doctor's "customary charge" was one of three factors used in determining the allowable charge on a given claim. Under the new method, the allowable charge will be based on the lower of two factors, the actual bill or the prevailing charge for the service performed in that geographical area.

CHAMPUS officials believed that the elimination of the doctor's "customary charge" will narrow or remove the gap between a billed charge and the allowable charge, thus increasing doctor participation in the CHAMPUS program.

### Assessment due from GEBA, CLMAS members

Assessment No. 511 is now due from members of the Government Employees Benefit Association (GEBA) and the China Lake Mutual Aid Society (CLMAS) following the death on Friday, June 28, of Vernon Ender, 65, who was retired from the Supply Department.

Assessments are collected by Larry Mason, GEBA and CLMAS treasurer. The amount (\$1.80) can be mailed to Mason at P.O. Box 1559, Ridgecrest, CA 93555.

NWC employees interested in joining GEBA and CLMAS can obtain information by telephoning Mason after working hours at 446-4794.