

BHS summer school drama students to present three plays

The Burroughs Summer Players will present "Three for an Evening" tonight and tomorrow night at 8:15 at the high school lecture center.

The production includes three separate plays: a comedy, "The Apollo of Bellac"; a sentimental drama, "The Old Lady Shows Her Medals"; and an old-fashioned melodrama, "Fireman, Save My Child." General admission tickets for the three plays shown each evening are \$2, with students, enlisted military personnel, and senior citizens being charged \$1.50. Tickets may be purchased in advance from members of the cast and crew or at the box office prior to each performance.

"The Apollo of Bellac" portrays the comical attitudes and truths that man assumes in life as a shy young girl is advised to declare to each man that she meets that he is as handsome as the (nonexistent) statue of the Apollo of Bellac. Her play works with all men from the clerk in the office where she applies for a job to the chairman of the board.

"The Old Lady Shows Her Medals" tells the story of a charwoman who "adopts" a lonely young soldier who shares her last name during the first World War, and her sorrow at their parting and his death.

"Fireman, Save My Child," in the fashion of the melodramas of the Gay Nineties, calls for members of the audience to boo and hiss the evil villain who wants his way with little Daisy, the innocent heroine, and to cheer the noble hero, Chester, as he thwarts the villain's foul plans.

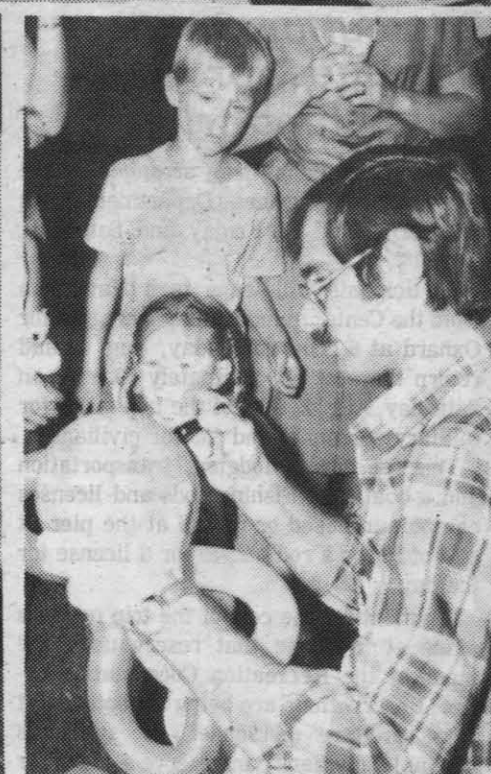
All three plays are being presented by members of Alan Kubik's summer school Theatre Production class.

Movie tokens on sale

Patrons of movies shown at the Center theater can avoid standing in line to purchase tickets at showtime by planning ahead and buying movie tokens in advance.

The tokens that are good for admission to the movies are sold at the Recreation Coordination Office, located next door to the Center gym, on weekdays between the hours of 9 a.m. and 5 p.m.

They also can be purchased at the theater box office prior to showtime.



POPULAR EVENT — A throng estimated at 1,100 persons attended the ice cream social held Tuesday evening on the lawn in the shade of the Naval Weapons Center's All Faith Chapel. In addition to generous servings of ice cream served with homemade cakes and pies, musical entertainment was provided by a Dixieland band and youngsters could visit the Taftoo Lady, who used water soluble paints to paint designs on arms or legs, or patronize the balloon man, who made toys from rubber balloons. Proceeds from the ice cream social, which was sponsored by the Protestant Women of the Chapel will be used to support mission projects in this country and abroad. — Photos by PH2 Tony Garcia

Games, entertainment slated tomorrow during Youth Fair at Schoeffel Field

Entertainment, games, activities, demonstrations, fun and refreshments are all a part of the 1980 Youth Fair, which will be held from 10 a.m. to 3 p.m. tomorrow at Schoeffel Field.

There is no admission charge to the fair, which is open to all parents and youngsters. Entertainment will be provided by Mr. Tumbleweed, a comedian, and by a three-piece local band called "Sunlight."

Activities will begin at 11 a.m. with a series of races featuring a tricycle race and a three-legged race. The races will be followed at noon by a tug of war with the losing team getting pulled into a mudhole.

Other events scheduled throughout the day include an earthball game at 12:30 p.m., a pie eating contest at 1 p.m., various water games at 1:30 p.m. featuring a "spontaneous" water balloon fight, and at 2 p.m. there will be new games taught to the youngsters by the recreational services staff, who will be supervising the fair.

Some of the other games planned are a dart throw, a dunking booth, "skin the snake," throw the saucer and a three-legged soccer game.

The fair also will feature displays from the Fire Division, the Police Division, and the Highway Patrol. Karl Kauffman, the man who organized local soccer into leagues, will instruct a small soccer clinic for youngsters attending the fair.

Athletic equipment and ribbons will be

awarded as prizes to winners of the races and contests in the different age groups.

A special events pass to attend the Youth Fair will be available to all those not possessing an NWC pass.

Another activity sponsored and supervised by the Recreational Services Department is a basketball clinic for third and fourth graders which will run from 8 to 10 a.m. Monday through Friday at the Youth Center Gymnasium.

Mark Hucek and Dan Linsteadt will be the instructors of the clinic, which stresses the importance of defensive and offensive skills as well as team concepts.

There is a \$5 registration fee for the basketball clinic which may be paid Monday morning at the Recreational Services Office, located next door to the Center gym.

A similar clinic will be held from July 28 to Aug. 1 for fifth and sixth graders.

A dog show also will be sponsored by the Recreational Services Department at 10 a.m. on July 26 at McBride Park.

Any youth 17 years of age or younger may enter his or her dog in the show providing he or she pays the \$1 entry fee by July 25. All dogs must be on a leash during the show.

The dogs will be awarded ribbons for finishing in the top three places in each category. The categories are best behaved, funniest, best trick, smallest, largest, best looking and funniest costume.



Commissioned Officers' Mess
The annual luau, a highlight of the summer season at the Commissioned Officers' Mess, will take place next Friday, July 25.

Reservations for this festive evening of dining, dancing and entertainment, are a must and can be made by calling the COM office no later than Wednesday, July 23. Tickets are priced at \$12.50 per person for COM members and their guests.

The evening's activities on July 25 will begin with a social hour at 6 p.m., followed by a buffet-style luau that will be served until 9 o'clock.

Main entrees on the luau menu include Kailua roast suckling pig, Maui coconut chicken, Tahiti beef, and fish baked in coconut milk.

Music for dancing will be provided by the Majestics, backup musicians for the Thealani Polynesian Review floor show that will be presented at 10 p.m. The dancers' repertoire includes hulas, the Samoan fire knives dance, the poi ball dance, and the Philippine bamboo dance in which the poles are set afire.

Chief Petty Officers' Club
Due to unforeseen circumstances, "The Message" will not be appearing at the Chief Petty Officers' Club this evening.

Instead, the CPO club will proudly present "The Bob Eubanks Trio," a contemporary-music group from the Los Angeles area.

A choice of prime rib of beef or Icelandic cod will be offered to members and guests in the CPO Club dining room from 6 to 9 o'clock; and "The Bob Eubanks Trio" will perform from 8:30 p.m. until 12:30 a.m.

Enlisted Mess
Tonight Hanley Page, a rock-music group from the Los Angeles area led by Steve Knight, will be performing for the listening and dancing pleasure of Enlisted Mess patrons from 9 p.m. until 1:30 a.m.

The main entree on the menu at the EM dining room this evening is a seafood plate with lobster served from 6 to 8:30.

Rehearsals being held for concert scheduled Sept. 6

Local area musicians who would like to take part in a free outdoor pops concert the evening of Saturday, Sept. 6, are invited to attend orchestra rehearsals each Monday evening from 7 to 9 in Room 126 of Cerro Coso Community College.

The concert will be sponsored by the Desert Community Orchestra Association with support from the Musicians' Performance Trust Fund of the American Federation of Musicians.

Patrick Audinet, first chair french horn player with the Cerro Coso-Desert Community Orchestra, will conduct rehearsals until early August when Al Turriciano, the regular conductor, will take over.

Anyone seeking further information should contact Andrew Victor, concertmaster of the orchestra, at 375-2375 in the evening or during the day at NWC ext. 7334.

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From: _____
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July 18, 1980

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INSIDE...

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EOD unit personnel alert Centerites to hazards of unexploded ordnance items

Four-legged pack rats pick up and bring to their burrows all sorts of strange things that they find in the desert without danger to themselves. When human pack rats pick up strange things in the desert and bring them home, however, these strange items may be unexploded ordnance that has been dropped or fired from aircraft or first by artillery any time from World War II on.

Explosive Ordnance Disposal (EOD) personnel detailed to the Naval Weapons Center as Code 6203 in the Range Department shudder when they relate how unthinking individuals have used unexploded ordnance as paperweights or thrown larger devices into the back of a pickup truck to bring them home.

In a continuing attempt to alert everyone to the dangers inherent in handling strange devices that may be found on the desert, EOD personnel will present a 20-min. film and 30-min. discussion about ordnance and dynamite and blasting caps to schools and organizations requesting such a presentation.

PRESENTATIONS PAY OFF
Their presentations have proven worth the effort; they have resulted in calls from local residents who had found such ordnance, and have been able to defuse the devices without anyone being injured.

These EOD personnel under LCdr. Roger Smith are on call 24 hours of every day. They can be reached through either the China Lake Police Division or through the OOD by individuals or law enforcement agencies, and are frequently called by Bureau of Land Management personnel when old dynamite or blasting caps are found where they had been cached by long-forgotten miners. Calls to EOD have come from regions as wide-spread as Death Valley and Bishop.

Calls from law enforcement agencies often involve improvised explosive devices that police wisely leave in place for EOD

personnel to check out and render safe because training given to EOD is considerably more extensive than that given to police bomb squads.

The EOD unit operationally attached to NWC is composed of three officers and six enlisted personnel. This is the largest Navy EOD contingent at any facility; it is also the busiest because it not only takes care of ordnance now being fired or dropped during tests, but also is cleaning up ordnance that has been dropped or fired during the past 37 years in various areas on the Center's ranges.

BEGAN DURING WORLD WAR II

The whole EOD field began as an outgrowth of British experience at the beginning of World War II when terror devices (bombs) were dropped over England with delayed fuzing so that the device would explode an unknown number of hours after it hit the ground. British Mine and Bomb Disposal Squads were formed to render such devices safe.

Of the original 46 British Bomb Disposal personnel, only eight were still alive in January 1942. As a result of the British experience, the U.S. Naval Mine Disposal School was established in May 1941. In November 1945 training groups of mine and bomb disposal groups were combined and

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Next in series of ESKIMO test to be held July 23

Next Wednesday at about 9 a.m. an ESKIMO will make its presence known by a loud boom in the Indian Wells Valley. This ESKIMO is not a person, but the latest in a series of Explosive Safety Knowledge Improvement Operation tests aimed at determining safe separation distance and construction of magazines.

Wednesday morning's test will evaluate the structural response of two flat-roofed box-type magazines against the explosive power of 60 Mark 16 torpedo warheads in a donor magazine, which will provide the blast power of 44,000 pounds of TNT. The explosive test will take place at the K-2 range facility.

Between 30 and 40 off-Center visitors are expected to view the test from Tower 9 at the G-2 range. These visitors will be headed by Dr. Tom Zaker from the Department of Defense Explosive Safety Board and, representing the Navy, which is co-sponsoring the test, Pete Tafuya from the Civil Engineering Laboratory, Port Hueneme, Calif.

Other visitors will represent all three United States military services and foreign governments. A reception for the visitors and social hour will be held at the Commissioned Officers' Mess on Tuesday evening starting at 6:30, and a debriefing lunch is scheduled on Wednesday at the COM.

Project engineer for ESKIMO VI is William Finder from the Ground Projects Office of the Test and Evaluation Directorate; range engineer is Jack Brown from the Ground Operations Branch of the Range Department.



STUDYING — EN1 Paul Hulse compares a model of Rockeye to drawings in the EOD manual for "safing" the device; an early model of Rockeye lies on the table beside him. Manuals are written for EOD units describing how to disarm all U.S. and foreign weapons about which enough information exists because EOD personnel are called on to render safe a full range of such weapons.

Navy rescue mission

Injured hiker, stranded 11 days in wilderness, gets to hospital

An ordeal in the wilderness came to an end Tuesday afternoon for a 16-year-old youth from Bloomfield Hill, Mich., whose fall down a water-slick rock slope in the Sequoia National Forest left him stranded and alone for 11 days.

The accident victim, Mark Fredley, suffered a compound fracture of the right ankle when he slipped into a ravine while attempting to climb a challenging section of Moro Rock, which is located in the Lodgepole area of the Sequoia National Forest on the Kaweah River.

Only by chance was Fredley found Tuesday morning by a group of forest rangers, led by John Kraushaar. The rangers were out for a hike and rock climb in the area where the accident occurred.

A Forest Service mountain rescue team was summoned but, because of the extent of the injury that had caused gangrene to develop, couldn't move Fredley. 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 shortly before 3 p.m. Tuesday.

The Navy's UH1-N "Huey" search and rescue helicopter, piloted by LCdr. Chip Lancaster, left Armitage Airfield with a crew composed of AT1 Richard Holmes, HM3 Vince Hall, a hospital corpsman, and AOAN John Schatz.

Plans for relocating fence to be discussed

Proposed plans for relocating the Naval Weapons Center's perimeter fence line will be discussed at a special meeting of Chapter 28 of the Federal Managers' Association.

The meeting, which is open to all interested persons, will be held on Tuesday, starting at 11:30 a.m., at the Enlisted Mess. The speaker will be Steve Kaupp, associate director for security in the NWC Safety and Security Department.

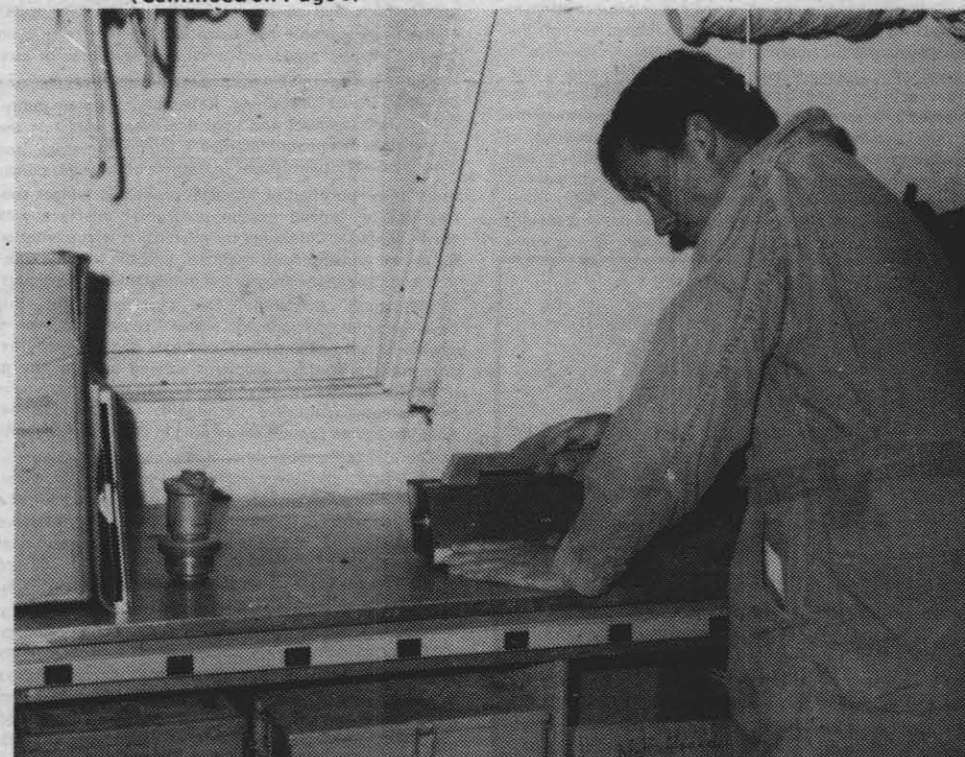
For reservations and menu selections, those planning to attend the FMA luncheon meeting are asked to call Debbi Dyarman at the EM, phone 446-6929.

The helicopter's first stop was made at Wolverton Meadow to pick up a Forest Service ranger, who directed LCdr. Lancaster to Moro Rock — about 1 1/2 miles away.

While the helicopter hovered as close to the slope as possible, HM3 Hall was lowered to a ledge where he joined members of a Forest Service mountain rescue team who had to scramble another 30 ft. down into the ravine to reach the injured hiker.

A Stokes litter was lowered from the helicopter to the men on the ground, and Fredley was hoisted into the aircraft for a 30-min. flight to the Valley Medical Center in Fresno. The chopper reached the hospital at 6:30 p.m. Tuesday, and was back at Armitage Airfield by around 8:30 that evening.

(Continued on Page 3)



INSIDE LOOK — LCdr. Roger Smith uses a portable X-ray machine (which weighs only 20 lbs.) to determine whether any of the internal components in the fuze he is examining are broken before he attempts to "safe" the device. The portable X-ray can easily be taken into the field; pictures made are available within two minutes. — Photos by Ron Allen

July 18 designated as Nat'l POW-MIA Recognition Day

In a proclamation signed by President Jimmy Carter and endorsed by a joint resolution of Congress, this day (July 18) has been designated as National POW-MIA (Prisoner of War, Missing in Action) Recognition Day...

The Presidential Proclamation states: "In each of America's wars our prisoners of war have been called upon to make uncommon sacrifices. Upon them has fallen the arduous responsibility of defending American ideals while under the absolute control of the enemy."

"Extremely difficult at best, this responsibility becomes magnified almost beyond comprehension when men and women are treated inhumanly - in violation of ordinary human compassion, fundamental moral standards, and basic international obligations."

The proclamation continues: "All Americans should recognize the special debt we owe our fellow citizens who, as prisoners of war during wartime, sacrificed their freedom that we might enjoy the blessings of peace and liberty. Likewise we must remember the unresolved casualties of war - our soldiers who are still missing. The pain and bitterness of war endures for their families, relatives, and friends. Our nation will continue to seek answers to the many questions that remain about their fate."

The President calls on all Americans to join in honoring those who made the uncommon sacrifices of being held captive in war, and to remember their loved ones as well.

Editor's note: In observance of POW-MIA Recognition Day, American flags have been posted along both sides of Blandy Ave. from the intersection of Knox Rd. east to a point just beyond the Community Center.

Center Library has books on preserving fruits, vegetables

By Elizabeth Wilkie Center Librarian

Last Spring many of the Center Library patrons came to the library seeking information on growing their own fruits and vegetables. Now these gardeners need to know how to harvest and store their crops for best taste, best food value, and best keeping.

"Stocking Up," edited by Carol Stoner, has outdoor storage ideas with drawings and blueprints for easy construction. It also includes recipes for jams, jellies, pickles, relish, cider, cottage cheese and yogurt; instructions for drying or freezing fruits and vegetables; building your own smokehouse and curing meat; harvesting and storing nuts, seeds and grain.

Gen MacManiman's "Dry It - You'll Like It!" is about dehydrating food, including recipes, and plans for building your own food dehydrator.

"The Complete Book of Home Freezing," by Hazel Meyer, tells how to select a freezer, and guides the reader in selecting and preparing fruits, vegetables, meat, fish and poultry for freezing.

Marion Brown in "Pickles and Preserves" gives over 300 recipes for preserves, pickles, relishes, preserves, jellies, marmalades, chutneys, jams, fruit butters, pickled meats, mincemeats, catsups, sauces and candied fruits.

"The Complete Book of Home Preserving," by Ann Seranne, has over 1,000 ways to better home preserving, canning, jelly

making, pickling, brining, smoking, curing, drying, and freezing.

These are only a few of the books available to help gardeners find the satisfaction and security that comes from knowing that they have complete control over the food they eat, every step of the way, from garden to pantry.

Readers are reminded that all NWC employees and their dependents, regardless of residence, are eligible and encouraged to use the Center Library. The hours are 12 noon to 8 p.m., seven days a week.

Training opportunities

The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term training opportunities for NWC employees grades GS-9 and higher. These training assignments are located in the Washington, D.C. area.

Position: Assistant Technical Manager in the Guided Missile Division, Interdisciplinary/Engineering - all Series GS-12. Location: Naval Sea Systems Command (SEA 4273), Washington, D.C. Training Objectives: The primary training objectives of this developmental assignment are to increase technical expertise while broadening management skills and knowledge by exposing the individual to the operations of major project office in NAVSEASYSCOM.

News Stories Photographs Tuesday, 4:30 p.m. 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. 24. 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.

Announcement No. 008 - Mail & File Clerk, GS-305-3/4, PD No. 7908044, Code 0822 - This position is in the Mail, Files and Records Branch, Management Division, Office of Finance & Management.

Announcement No. 24006, Supervisory Police Officer, GS-083-7, PD No. 7184012N, Code 2413 - Position is located within the NWC Police Division, Safety and Security Department. Primary function is that of first line supervisor in the Patrol Branch responsible for one of three watches (shifts).

Announcement No. 25-808, Supervisory Supply Technician, GS-2005-8, PD No. 8025942N, Code 2575 - This position is that of head, Receipt Control Branch, Control Division, Supply Department. The branch is responsible for exercising control over material and/or services received or due from government, commercial, or other sources.

subordinate supervisors; knowledge of the Federal Supply System; knowledge of supply functions and procedures; will use fact in dealing with on- and off-Center personnel; ability to work well under pressure.

Announcement No. 25-809, Warehouse Worker Leader, WL 4907-4, JD No. 729N, Code 2591 - This is a temporary position not to exceed one year. This position is located in the Storage and Retail Issue Branch, Material Division, Supply Department.

Announcement No. 31-005, Computer Operator, GS-332-6, PD No. 8031141, Code 3132 - (first shift). Serves as a jur level, subsequent to training year, computer operator, the operation of major ADP systems (UNIVAC 1110) with full operational responsibilities over on-line peripheral equipment and associated devices.

Announcement No. 34-001, Equipment Mechanic, WG-33210, JD No. 342, Code 3452 - This job is located in the Motion Picture Laboratory Branch, Photographic Division, Technical Information Department. The incumbent installs, maintains and modifies a wide variety of mechanized photographic and industrial equipment located in the branch.

Announcement No. 34-002, Distribution Officer, GS-301-5/7, PD No. 8034013, Code 341 - This position is located in the Publications Division, Technical Information Department. Position oversees the distribution function at NWC including determining suitable recipients for NWC technical information.

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Table of Divine Services including Protestant, Ecumenical, Roman Catholic, and Jewish services with times and locations.

CLLL all stars defeat Searles Valley, advance in area tourney

After scoring 21 runs in the fourth inning, China Lake trounced Searles Valley Tuesday 29-4 in the second round of the Area 1, District 51 Little League all-star baseball tournament at Kerr-McGee Field in Ridgecrest.

China Lake must win all of its remaining games to take the championship in the double elimination tourney since it lost to Ridgecrest 8-2 in the opening game Monday. China Lake was scheduled to play Owens Valley Wednesday night, with the winner of that game advancing to meet the loser of the Ridgecrest-Bishop contest.

China Lake got off to a 1-0 lead against Searles Valley in the bottom of the first inning when Kyle Blecha scored on Teddy Setter's ground out.

In the top of the third inning, the visitors from Searles Valley scored all four of their runs to take a 4-1 lead, which stood until the bottom of the third frame when China Lake scored five times and regained the lead to stay.

Jeff Anderson was the winning pitcher after he struck out five, walked seven and allowed three hits. Offensively Anderson scored four runs and clouted a three-run home run. This was the first home run of the tournament for any team.

John Andrews scored four runs, doubled twice and singled to lead China Lake's attack. Mark Schorr, Setters and Larry Jeffris added three runs each against the Searles Valley team.

Robert Hodge, who tripled and scored a run, and Andrew Saenz, who doubled and scored once, were the leading hitters for Searles Valley.

On Monday night against Ridgecrest, Setters singled in Kenny Fite in the top of the first inning for a 1-0 lead, but Ridgecrest came back with two runs in the bottom of the first inning when Tony Shields tripled to drive in Ray Haleman, and Shields scored on a passed ball.

The score remained at 2-1 in favor of Ridgecrest until the decisive third inning

Intramural League softball results...

(Continued from Page 6) bombed the Sports Etc. Tide Riders 28-5, and the Techs 'n Rangers shut out the Tide Riders 10-0.

In another upset last week, CSC scored 10 times in the bottom of the seventh inning for a dramatic 17-6 victory over the American Slow Pitch Division leading SCOE Astros.

CSC teammates Rick Cornelius and Joe Ligan both went 4-for-5 to lead both teams in hitting. John Livingston, who had three hits, and Andy Gilpin, who homered and

China Lake Intramural Softball League Standings as of July 10: Table with columns for Team, Men's Fast Pitch Div., National Slow Pitch Div., American Slow Pitch Div., and Women's Slow Pitch Div.

when China Lake ran into some defensive problems, and four runs scored without a Ridgecrest hit.

Robbie Bowles struck out five, walked four and scattered three hits in six innings for the victory on the mound. Jeffris suffered the loss after striking out four, walking five, allowing three hits and hitting a batter.

Shields, Sean Hardy and Scott Schroeder collected the three Ridgecrest hits. Schroeder, Haleman and Bowles led the winners by scoring two runs apiece.

For China Lake Scott Roby, Setters and Todd Rowland had all three hits, and Fite drew two walks.

In the tournament's other games, Owens Valley scored twice in the bottom of the sixth inning to defeat Searles Valley 8-7, and Bishop downed Owens Valley 6-2.

Recreation Services arranges for deep sea fishing trip

A deep sea fishing trip, arranged by the Recreational Services Department, has been scheduled on Friday and Saturday, Aug. 1-2.

Participants will leave in a Navy van from the Center gymnasium parking lot for Oxnard at 6 p.m. on Friday, Aug. 1, and return there at approximately 10 p.m. on Saturday, Aug. 2. Cost of the trip is \$35 for military personnel and \$55 for civilians.

This fee covers lodging, transportation and a boat trip. Fishing rods and licenses can be purchased or rented at the pier at cost of \$6 for a rod and \$2 for a license for the day.

Payment for the cost of the trip must be made at the time that reservations are made at the Recreation Coordination Office. Reservations are being accepted first from military personnel. If space is available, civilians can reserve a place for themselves beginning on Monday, July 21.

Other leading hitters for CSC were Ray Taves and George Palfavy, who had three hits each, and Ben Williams and Ben Sturgeon, who had two safeties apiece.

High Desert Saloon dumped the Time Out/High Desert Home Center team 17-8 and NWC Navy Varsity trounced Pizza Villa 29-8 in other American Slow Pitch Division contests.

Mather's Dairy Service increased its record in the National Slow Pitch Division to 12 wins and 1 loss with an 11-1 blasting of Bird Olds.

Dale Evans went 4-for-4 with two doubles and two singles to lead Mather's Dairy Service offensively. The other heavy hitters for the Dairymen were Ralph Stalnaker, who had three hits, Ernie Bell, who homered and tripled, and Richie Clodt and Art Donaldson, who had two hits each.

Burger King ripped ARCS 16-2, and the Knights of Columbus outslugged Swap Sheet 16-5 in other National Slow Pitch Division action last week.

In the Women's Slow Pitch Division, Pizza Villa gained on the idle first place Rowdies by downing Desert Imports 21-14.

Pizza Villa currently is 1 1/2 games back of the Rowdies and 1/2 game ahead of the third place Bamboo Babes with a 10 win, 2 loss record.

Kathy Cummings and Char Spencer both had two hits for Pizza Villa, and Sharon Guller and April Milbrath had Desert Imports' only two hits.

In other Women's Slow Pitch games, the Independent Fillies defeated Desert Imports 18-13 for their first victory of the season, Kelly's Girls outscored the NWC Stingers 15-10, CSC nipped Castillo's Welding 15-14, the Independent Fillies tied Desert Imports 8-8, the Bamboo Babes defeated the NWC Stingers 14-9, and Kelly's Girls crushed Castillo's Welding 12-1.



SEWER LINE DUG - Heavy equipment in operation last Friday not far from the traffic circle gives indication of the progress that has been made on work that is underway to improve the Naval Weapons Center's industrial-domestic sewer system. As this photo was shot, a trench was being dug for an 8-in. sewer main that will run from the Public Works compound to Michelson Laboratory. Another sewer line will be extended from the laboratory to industrial waste ponds located at the intersection of Lauritsen and Pole Line Rd.

Registration slated at Ridgecrest Police Station for hunter safety course Aug. 2-3

In preparation for the opening of hunting season in the fall, a hunter's safety course has been scheduled on the weekend of Aug. 2-3 by the Sierra Desert Gun Club.

Successful completion of such a course is required in order to obtain a California hunting license for the first time. Registration for the course will be held in the lobby of the Ridgecrest Police Station from 7 to 9 p.m. on July 24, 25, and 29, and on Saturday, July 26, between the hours of 8 a.m. and 12 noon.

The course will be held at the Sierra Desert Gun Club, located off SNORT Rd. on Sportsman Lane, and the chief instructors will be Robert Gould, gun club president, and Cecil Daley, who is in charge of the club's junior marksmanship program.

A maximum of 50 students of any age can be accommodated, and those who sign up early will be assured of a place in the class. There is a fee of \$10 per student that is payable at the time of registration, but \$8 of this amount is refunded to those who suc-

cessfully complete the course.

Rifles and all materials are furnished by the Sierra Desert Gun Club. Subject matter to be covered includes firearms safety, wilderness survival, hunting ethics, game management and conservation, and archery safety.

The certificate awarded to those who complete the course is based on their scores on a written examination, as well as on each student's conduct on a hunter-instruction trail.

CPO Club swim pool to close early July 19, 26

Because of special events that are planned, the swimming pool at the Chief Petty Officers' Club will be closed from 3 to 6 p.m. tomorrow and again on Saturday, July 26.

Holders of CPO Club swimming pool tags can use them for admission to the indoor pool at the Center gym during the time that the CPO Club pool is closed to regular users.

Promotional Opportunities

(Continued from Page 2) programs: ability to work effectively with a wide variety of people; ability to work independently. Promotion potential to GS-9.

Announcement No. 369, Supervisory Interdisciplinary Engineer, (Mechanical, Electronics, or Aerospace), DP Level 3, PD No. 7934137/793685E, Code 3636 - Position is located in the Control Design Branch, Product Design Division, Engineering Department. Incumbent, as section head, supervises 8 to 12 engineers and technicians who provide engineering design and production monitoring of servo control systems and components.

Announcement No. 368, Model Maker, WG-4714-14, JD No. 422K, Code 34471 - (3 vacancies) These positions are located in the Mechanical Prototype Branch, Engineering Department.

Announcement No. 368, Model Maker, WG-4714-14, JD No. 422K, Code 34471 - (3 vacancies) These positions are located in the Mechanical Prototype Branch, Engineering Department. The jobs involve independent performance of a variety of planning layout, machining, modifying, fabrication and assembly of research and development prototype models.

Announcement No. 348, Model Maker, WG-4714-14, JD No. 422K, Code 34471 - (3 vacancies) These positions are located in the Mechanical Prototype Branch, Engineering Department. The jobs involve independent performance of a variety of planning layout, machining, modifying, fabrication and assembly of research and development prototype models.

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12110 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Training classes

Technical Typewriting; Aug. 5-7 at Training Center, no deadline. Production Engineering; Aug. 7, 8 a.m. to 4 p.m., deadline July 29. Reliability Testing; Aug. 5-6, 8 a.m. to 4 p.m., deadline July 25.

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 Associate Editor Beverly Becksvort Editorial Assistant Ron Allen Staff Photographer





Softball exhibition game, clinic set at Pony League field

The Dave Frye Plastering fast pitch softball team from Bakersfield will put on a clinic, exhibition game and a dance tomorrow night to raise money for the construction of softball fields in the local area.

The team, which finished third in last year's International Softball Congress world tournament under the name of Ed Smith Welding, will put on a free hitting, pitching and fielding clinic for all ages at 6 p.m., at the Pony League diamond.

John Nessmith, an all-world selection at third base last year and the team's leading home run hitter this year, will instruct the hitting portion of the clinic. The fielding tips will be provided by Tim Mazza, an all-world shortstop choice last year.

TWO TOPNOTCH PITCHERS

The pitching portion of the clinic will be split between Peter Brown and Peter Meredith. Brown, a Canadian import, has a 26-3 record this season, and Meredith, who comes from New Zealand, has a 19-4 mark.

At 7 p.m. the Dave Frye Plastering team, which will play in this year's world tournament on Aug. 15-24 in Tempe, Ariz., will play the Ridgecrest Raiders in an admission-free exhibition game. The Raiders is a team made up of all stars from the four fast pitch teams in the China Lake Intramural Softball League.

Following the game, fans from the stands can pay \$1 and get six pitches from either Brown or Meredith. If a batter can get a hit, he or she will receive a six-pack of beer as a prize.

DANCE TO FOLLOW AT EM

A dance at the Enlisted Mess from 9 p.m. until 1:30 a.m. will climax the evening's festivities. "Desert Mix," a local band, will provide the music.

The cost for the dance is \$2.50 per person and is open to all ages. Drinking regulations will be enforced, however.

A special events pass will be available to those who don't have a regular NWC base pass, according to Mark Stoner, a local player who catches for the Dave Frye Plastering team.

IWW Youth Football League announces registration times

Signups of boys 8 years of age on up through the eighth grade who are interested in playing on Indian Wells Valley Youth Football League teams this fall will be held at the Ridgecrest Bowl tonight from 6 to 9 o'clock, and on Saturday from 11 a.m. to 2 p.m.

Youngsters must be accompanied by a parent or guardian, since a parental consent form must be signed at the time of registration for youth football.

Practice for the coming season will begin on Aug. 18 at Murray Junior High School, and the first game is scheduled on Sept. 13.

Girls interested in becoming Youth Football League cheerleaders are invited to leave their names and telephone numbers at the Ridgecrest Bowl tonight and tomorrow during the time that player registration is in progress.

A sliding scale has been worked out to help cover the cost of the youth football program. It is \$25 for one youngster in a family, \$40 for two, and \$50 for three members of the same family. This amount is payable before the first game of the season.

Dorrell sets new 11th ND record in decathlon

Scoring 965 out of a possible 1,000 points, Ens. Ken Dorrell set a new record and captured first place in the 11th Naval District men's decathlon held recently at the Naval Training Center in San Diego.

Dorrell finished in the top three positions in five of his 10 individual events to shatter the old decathlon mark of 956 points and outscore his nearest competitor by 45 points.

The decathlon consisted of 11 events including the mile run, softball throw, running long jump, shot put, 100-yd. dash, basketball free throw shooting, 100-meter swim, football throw, football punt, softball hitting, and obstacle course.

The 23-year-old Dorrell chose to compete in all events except the 100-meter swim. The mile run and obstacle course were mandatory events.

Dorrell's best events were the basketball free throw shooting, football punt and shot put events in which he finished first. He placed second in the softball throw and long jump competition and was third in the football throw.

This was Dorrell's first attempt at a decathlon although he has a wide sports background including softball, bowling and many other intramural sports. He also walked on to play two years as a guard on the varsity basketball team of the University of Nebraska, where he was graduated May 10 with a mechanical engineering degree.

It was this varied exposure to sports that induced him to try the decathlon, Dorrell noted.

"I saw the list of events, and I was familiar with all of them so I decided to try the decathlon," said Dorrell, who is the facilities planning officer for the NWC Public Works Department. "I didn't really tear up any of the events, but I was a little

Upsets highlight Intramural Softball League play

Last week proved to be a surprising one in the China Lake Intramural Softball League as three out of the five division leaders were upset.

In the Men's Fast Pitch Division, the first place Pizza Villa team lost to the surging Fuller Masonry squad 7-6, and then bounced back to defeat Vinyl Disc 16-3 later in the week.

Pizza Villa was down 4-0 after three innings against Fuller Masonry but tied the score at 6-6 going into the bottom of the seventh inning, when Bobby Pearl singled in the winning run.

Danny Fuller went 3-for-4 to lead both teams in hitting, and Harlan Hershley added a double and a single for Fuller Masonry. Al Chieze homered and tripled, and Sam Chieze and Jerry Mather each had two hits for Pizza Villa, who led Sand Sierra by one-half game at the end of last week.

Don Branson struck out one, walked four and allowed nine hits in seven innings to notch the pitching victory, and Barry Olsen



DECATHLON CHAMPION — Ens. Ken Dorrell displays the trophies he won by placing first in the 11th Naval District men's decathlon held recently at the Naval Training Center in San Diego.

took the loss.

Richie Clodt, Tim Cooksey and Andy Price all collected two hits to lead Pizza Villa over Vinyl Disc. Mike Brown led Vinyl Disc by going 3-for-3 with a home run, a double and single.

Jess Fortney struck out five, walked two and gave up six hits in five innings to take the victory on the mound, and Don Gallaher suffered the loss.

Sand Sierra outscored Vinyl Disc 10-5, and Fuller Masonry ripped the NWC Navy Varsity squad 11-3 in other Fast Pitch Division action.

In the Military Slow Pitch Division, the first place Marauders also dropped a one-run game only to bounce back to victory later in the week.

Despite outitting their opponent 12-11, the Marauders were upset by the Techs 'n Rangers 9-8. Dave Mitchell singled twice to lead the victors, and Willie Moffett had three hits and Mark Constable homered for the Marauders, who led the NWC Os by one-

half game at the week's end.

Moffett clouted two home runs, a triple and a double in four at bats to lead the Marauders to a 20-5 victory over the Dispensary team. Constable also homered and tripled, and Ed Kirtley had two hits.

Joe Esparza went 3-for-3 to lead the Dispensary's offense.

In other Military Slow Pitch action, the NWC Os trounced the Dispensary 21-0 and were upset by Long Shot 14-6, Long Shot

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IWW Pony League all-star teams start tourneys tomorrow

Both the 14-year-old and the 13-year-old Indian Wells Valley Pony League all-star baseball teams begin play tomorrow with tournaments at Palmdale and Granada Hills, respectively.

Manager Steve Kaupp expects pitching to make the difference for the 14-year-old all-star team when it takes on the William S. Hart all stars at 8 p.m.

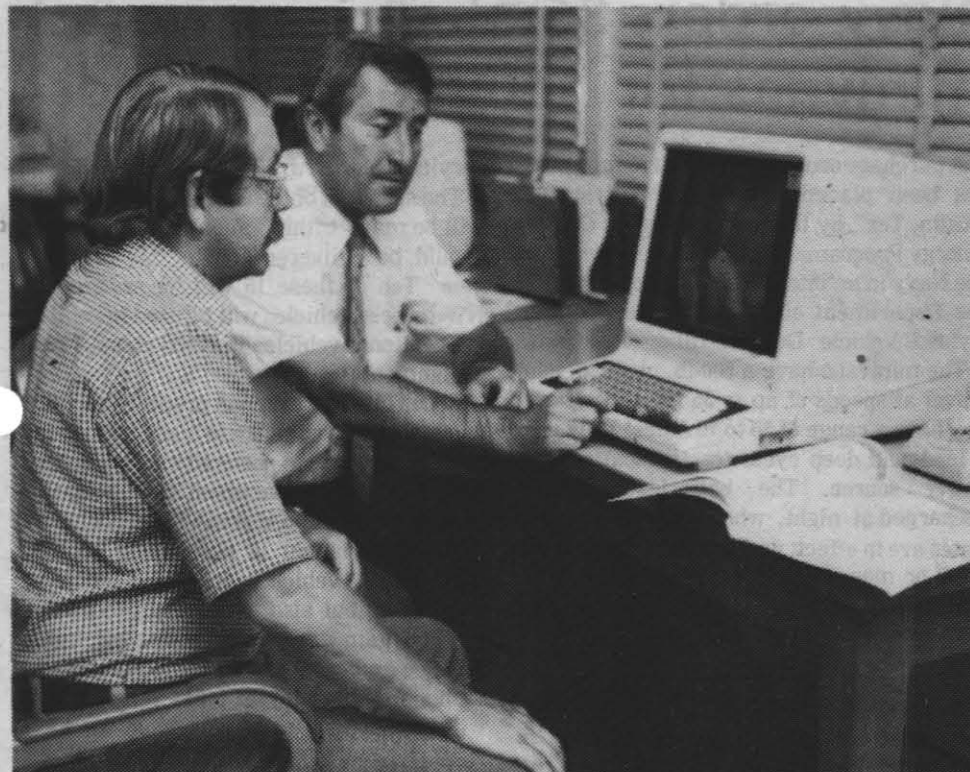
"I've got six experienced pitchers on the team, and I'll use all six if I have to," Kaupp said. "Canyon Country always produces good baseball teams, so I'm expecting to play one of the pre-tournament favorites right off the bat."

Other teams in the double elimination district tournament include Lancaster, Palmdale and Quartz Hill.

Meanwhile, the 13-year-old all stars will meet Quartz Hill at 12:30 p.m. in the opening round of the double elimination Granada Hills invitational tournament.

Jack Klever, manager of the second place Padres team in the regular season, will pilot the 13-year-old all-star team in the tournament, which pits the outstanding 13-year-old teams from the Southern California area.

Selection of nine members of each all-star team is determined by who receives the majority of the players' ballots. Three other team members are picked by the coaching staff.



LEARNING HOW — Steve Sanders (l.), acting head of the Personnel Department, is being shown by Dick Wall, a representative of the Control Data Education Company, how PLATO functions. Seen at the right foreground is the catalog of courses that can be taken by using PLATO. — Photo by PHAN Doug Matthews

Learning machine now in use at Training Center

Plato, one of the ancient Greeks, was perhaps one of the greatest teachers who ever lived; two units of a modern PLATO now reside in the Training Center at NWC where they serve as modern teachers, tutors, and guides to NWC personnel studying a myriad of subjects.

Currently Dorrell is at Port Hueneme for a two-month Civil Engineer Corps officer school. When he returns here he plans to play on the Navy basketball team this winter and follow that next year by competing in softball and bowling in a league with his wife, Joy.

The modern PLATO is a cross between a computer and a programmed learning machine. Not only has regular programming made PLATO responsive to the student, but also all the wonders of interactive graphics can display parts of machinery, cockpit displays, or complex devices in whole or in components for those who wish to know how to use such items or how they function.

The interactive graphics also is used for the courses in chemistry, physics, biology — and to live up some of the more sedate math and other classes with cartoons to illustrate principles.

PLATO can also save untold hours for managers or others who are required to learn the subject matter covered in courses such as the basic Equal Employment Opportunity (EEO) class for managers. Thanks to programming developed by

Enlisted personnel offered opportunity to become officers

Aviation Machinist's Mate Airman Lewis S. Thompson was selected as Naval Weapons Center Sailor of the Month for the month of May. The announcement of his selection was delayed because ADAN Thompson was on leave during June.

In the letter nominating him for this honor, his supervisor, Lt. M. D. Backes, notes that not only is ADAN Thompson one of the top A-7 plane captain performers in his shop, but also that his initiative to learn and motivation to better himself make him a unique plane captain and that his performance has been unsurpassed.

The letter continues, stating that ADAN Thompson's "devotion to duty and unselfish dedication directly reflect the many long hours expended when needed ... traits that have earned him comments for his 'can do' attitude."

Also commended is ADAN Thompson's "helping the other guy" profile, which has earned him the senior A-7 plane captain job. "It is through his performance and devotion to duty," the letter concludes, "that ADAN

another Navy establishment, the basic EEO course can be taken on PLATO often in less than the listed time.

PLATO gives a pretest; on the basis of the score on that test, the manager then gets only the additional amount of training needed to pass the knowledge test covering material presented in the longer class. A manager passing the pretest with no errors receives credit for the EEO course without having to spend any time in class.

New employees can be briefed individually on tasks and responsibilities as soon as they are hired instead of having to wait until enough other new employees have come aboard the Center for a class to be scheduled. (For instance, the NWC basic clerical seminar could be programmed for PLATO so that a clerk or secretary new to the government can immediately learn how to fill out needed forms and handle other administrative matters without having to wait until the Basic Clerical Seminar was offered again.)

PLATO was designed for individualized instruction, self-paced, with drill and practice to enforce learning. Not just the keyboard is used to respond to PLATO's questions; the cathode ray tube screen itself is "squishy" and responsive. PLATO can also provide hard copy of displays on the CRT if needed for further study.

"Libraries" of courses available at the present time are mathematics, statistics, computer sciences, chemistry, physics, and biological sciences. In addition, other courses are available that have been programmed by the Navy or other federal

Capt. Gerald L. Lee takes over as NWC Director of Supply

The new NWC Director of Supply is Capt. Gerald L. Lee, who formally became head of the Supply Department Wednesday morning when he relieved Capt. J. D. Killoran.

Capt. Killoran is scheduled to become the head, on a temporary basis, of the Contract Management Division in the Naval Material Command, Washington, D.C. His final assignment will be announced within a few months.

Capt. Lee brings wide and varied experience to his new assignment. His last duty assignment was in the Navy Resale and Services Support Office, Brooklyn, N.Y., where he spent three years following a tour of duty heading the Navy's largest Navy Exchange facility in Yokosuka, Japan.

His supply experience also includes five years providing support for the Polaris/Poseidon weapon programs, and extensive work with contract administration. Capt. Lee's Navy career has taken him on two ships as well as to Guam

and Sicily. A native of Philadelphia, Pa., he grew up in Doylestown, Bucks County, Pa. He is an NROTC graduate of Villanova University, where he majored in business.

He and his wife Carolyn ("Lynn") are happy to be back in California, says Capt. Lee, because they enjoyed the benefits of California living while they were stationed at San Jose several years ago.

"Coming to China Lake from Brooklyn is like rejoining the Navy," Capt. Lee enthuses, "because we enjoy living near our



Capt. Gerald L. Lee, SC, USN military and civilian friends and coworkers rather than just living in the civilian community at large."

A fringe benefit that Capt. Lee feels he gained in selecting this assignment is how good a place China Lake is for families who enjoy outdoor activities together.

He lists fishing, golfing, swimming and scuba diving as family hobbies. Son Robert, 14, a ninth grade student, also was extremely enthusiastic about the move to California because he is an artist and eager to do Disney-like drawings; daughter Paula, 16, a high school junior, is very athletic and enjoys taking part in a wide variety of sports.

Besides outdoor hobbies, Capt. Lee and his wife collect sea shells (admittedly difficult to do in the desert) and antiques.

Hiker rescued...

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There is a possibility that Fredley, who was very weak as a result of having very little food for 11 days, may lose a part of his right leg because of the gangrenous infection that developed. His only sustenance during this time was some food he carried and slime water that oozed from the surface of the rock and had caused him to slip and fall while on a July 4 weekend outing.

ADAN Thompson chosen as Sailor of Month

Thompson merited consideration for selection as NWC Sailor of the Month.

ADAN Thompson enlisted in the Navy right out of high school in Brooklyn, N.Y., specifically to become an Aviation Machinist's Mate. He thoroughly enjoys working with aircraft, feeling that each hour spent in learning about the aircraft is well spent because "the more you know, the better you can work on them."

His love for aircraft extends to planning eventually to become an aeronautical engineer. Since he has been at NWC, he has been studying an aeronautical engineering correspondence course, and plans to enroll at Cerro Coso Community College for additional classes this fall.

Other off-duty activities for ADAN Thompson include basketball — much basketball. He says that he plays basketball in the gym year-round because it's his favorite game and has been since he started high school.

As a result of his selection as Sailor of the Month, ADAN Thompson will receive a 96-hour liberty and no duty status for 30 days. He will also receive an NWC plaque, and an official letter of commendation signed by Capt. W. B. Haff, NWC Commander, will be placed in his service jacket.



ADAN Lewis S. Thompson



14-YEAR-OLD PONY LEAGUE ALL STARS — Members of the 1980 Indian Wells Valley 14-year-old Pony League all stars and the teams they played on in the regular season are (standing l. to r.) Manager Steve Kaupp, Angels; Coach Dave Kaupp, Angels; Jon Truitt, Dodgers; Mark Kaupp, Angels; Troy Rowland, Giants; Russ Hyde, Dodgers; Daniel Means, Angels; Pete Lloyd, Angels; and Coach Jim Means, Angels. In front (kneeling l. to r.) are Kevin Blecha, Padres; Tim Lewis, Rangers; Mark Butler, Padres; Tracy Gates, Angels; Tom Sauers, Padres; and Dave Killoran, Angels.



EFFICIENT HAULER — The electric minivan, such as this one (in front) being used for florist's deliveries, can haul up to 500 pound loads at speeds of 55 miles per hour with a range of 50 to 70 miles. Thirty-five of the minivans have been ordered for the Navy as a whole, with five of the vehicles scheduled for use at NWC.

Meritorious Service Medal awarded to Capt. John Burns

The Meritorious Service Medal for outstanding service as Readiness Officer at the Naval Air Test Center, Patuxent River, Md., was presented last week to Capt. John D. Burns, Deputy Laboratory Director at the Naval Weapons Center.

The presentation to Capt. Burns was made by Capt. William B. Haff, NWC Commander, on behalf of Admiral T. B. Hayward, Chief of Naval Operations.

The honoree was commended for his involvement in successful implementation of the full-scale development concept of testing and evaluating the F/A-18 Hornet at NATC during the period from February 1977 to March 1980.

This assignment, just one part of the duties Capt. Burns carried out while at Patuxent River, included acquiring additional aircraft (10 F4s and A4s) to serve as chase aircraft, an additional 150 military

Auction sale of surplus government property set July 31

Nearly 150 different items of surplus government property will be offered for sale to the highest bidder during an auction to be held on Thursday, July 31, starting at 9 a.m. at the Community Center.

Up for sale at this time will be IBM electric typewriters, tape recorders, oscilloscopes, voltmeters, movie projectors, library books, gas ranges, vehicle parts, evaporative coolers, generator sets, missile containers, desks, lockers, pickup trucks, and a trailer frame.

Beginning next Wednesday, July 23, prospective bidders will be able to examine the various items offered for sale by visiting the Defense Property Disposal Warehouse (Warehouse 41), which will be open on weekdays between the hours of 8 a.m. and 3 p.m.

Registration of bidders for the auction will begin at 8 a.m. on July 31, at the Community Center. Individuals must be present and registered in order to bid on the surplus government property that will be offered for sale.

Anything that is purchased may be removed on the day of the auction provided that it is paid for in full. Personal checks will be accepted.

Successful bidders will have until Aug. 7 to pay for and remove sales items before storage charges are applied.

Additional information about the auction may be obtained by calling Greg Berry at NWC ext. 2502 or 2538.

billets, and working out airspace agreements with the Federal Aviation Administration for conducting the tests both over the ocean and inland.

The scope of his responsibilities as Readiness Officer at NATC ranged from military manpower matters to insuring that facilities were available for use by Navy and contractor (McDonnell-Douglas Corp.) personnel.

In addition to the close coordination that was necessary to resolve airspace utilization problems, Capt. Burns had to make sure (once the additional aircraft required for the tests had been obtained) that all maintenance work was handled properly, and documentation on each of the aircraft was kept up to date.

In the citation signed by Admiral Hayward which accompanied the Meritorious Service Medal it was noted that "Captain Burns' expertise in planning management was instrumental in the increased state of readiness of the Naval Air Test Center," and, it was added, "his involvement in project management at all levels of the chain of command improved significantly the test and evaluation capability of NATC."



OUTSTANDING EFFORT COMMENDED — Capt. John D. Burns (at left), Deputy Laboratory Director, receives the Meritorious Service Medal and citation from Capt. William B. Haff, NWC Commander, during a ceremony held in Capt. Haff's office. Capt. Burns was singled out for this special honor in recognition of his outstanding performance of duty while serving as Readiness Officer at the Naval Air Test Center, Patuxent River, Md.

Navy orders 35 electric-powered minivans for hauling light loads

A purchase order for 35 electric minivans has been placed with Jet Industries of Austin, Tex., by the Naval Weapons Center Energy Program Office, acting as agent for the Navy in an interagency agreement with the Department of Energy's Electric and Hybrid Vehicle Demonstration Program.

The minivans have a 500-lb. payload, can travel at speeds of up to 55 miles per hour and have a range of 50 to 70 miles. They use a lead-acid deep cycle traction battery as power source. The batteries will be recharged at night, when off-peak electric rates are in effect, and can be recharged for 1,000 or more cycles, so that each battery will last an average of three to five years before being replaced.

VEHICLES DUE IN NOVEMBER

When the vehicles are delivered in November of this year, five will be sent to the Naval Weapons Station (NWS), Concord, Calif.; 10 to the Naval Air Test Center (NATC), Patuxent River, Md.; 10 to the Naval Ordnance Station (NOS), Indian Head, Md.; five to the Naval Weapons Supply Center (NWSC), Crane, Ind.; and five to NWC, China Lake.

Weather was an important consideration in the selection of Navy facilities receiving the first vehicles. At NATC, the vehicles will be subject to salt air corrosion; at NWSC, to extremely cold winters, and at NWC, to dry heat.

The five vehicles sent to NWC will be used for short distance light hauling of goods and people. One of the minivans will be assigned to Code 08 for use in carrying guard mail, one each to the Technical Information Department and the Safety and Security Department, one to the Engineering Division of the Public Works Department and one to the Energy Program Office.

NWC IS LEAD LABORATORY

In addition to the 35 vehicles now on order, another 15 electric vehicles will be ordered to complete the quota of 50 vehicles that form the first phase of the Navy's part of the DoE Demonstration Program. Since NWC is the lead laboratory for the Navy in Electric and Hybrid Vehicles, the decision about which vehicles to select will be made by the NWC Energy Program Office.

To be considered, the electric vehicle must be certified by the manufacturer that it meets minimum DoE requirements; NWC will perform its own verification testing on the vehicles to determine how well each one functions.

Each, for instance, will have its own charging station to determine the amount of charge it needs nightly, and individual

service records will be kept for each.

The selection of the 15 additional vehicles will be made within a month, and they, too should be delivered within this calendar year. Ten of these 15 will be assigned to NWC; these vehicles will be used to replace conventional vehicles in NWC class B pool assignments.

Codes that feel they can properly use such a vehicle and would like to trade an existing unit for an electric-powered car are invited to contact their Department Transportation Representatives to discuss their needs.

The government is purchasing electric and hybrid vehicles not only for their evaluation, but also to develop procedures for and gain experience with their maintenance and care, and to stimulate interest within this industry to build vehicles that will be independent of petroleum fuels.

WILL MEET MANY NEEDS

Just as the average driver finds that 85 to 90 percent of his driving needs can be met with a vehicle that travels less than 100 miles for each charge, there are many government activities whose vehicle needs can also be met with the prototype production electric vehicles now being built.

Maintenance on electric vehicles is expected to be minimal because the electric motors are simpler than internal combustion engines. The biggest expenditure expected with such vehicles is the replacement of batteries; current costs for running electric vehicles overall are between 17 and 30 cents per mile.

If geothermal power at NWC proves to be as economical as expected, electric vehicles may be suitable for a significant portion of the Center's total transportation needs.

Military dependents' pre-school physicals now being scheduled

It's not too early for military personnel who have children who will be entering kindergarten or first grade classes in local public schools in September to make arrangements for such youngsters to obtain state-required physical examinations.

An early reminder is being issued by the Branch Medical Clinic at China Lake in order to avoid problems later on this summer if too many people wait until the last minute to bring school children in for their physical exams.

Two visits to the Branch Medical Clinic are required to complete a school child's physical exam. On the first visit, immunizations, lab work and an eye examination are given. On the second visit, a doctor will complete the remainder of the physical exam.

Physical exams that are completed for entrance into kindergarten do not have to be repeated for first graders.

Closure planned of Michelson Lab compound west gate

It is anticipated that the west gate of the Michelson Lab compound will be closed to all vehicle and personnel traffic effective Thursday, July 24, through at least July 31.

Entrance to only the south-west paved areas inside the fence will be provided via the south gate at the SW corner of the Solid State Lab. Extreme care should be shown parking in that area so as not to obstruct the entrance nor the fire hydrants.

The east gate, off the main Michelson Lab parking lot, will be open to vehicle traffic to provide access to the east and north sides of the laboratory during the period that the west gate is closed.

All personnel are urged to use caution at these newly opened gates because of the new traffic patterns at Michelson Lab.

Mystery donor to match gifts by others to local museum

Announcement of a "mystery donor" who has promised to match up to a grand total of \$10,000 all contributions made to the Maturango Museum building fund between now and Sept. 1 was made Tuesday afternoon by Dr. Robert Berry, president of the museum's board of trustees.

Hoping that this will prove to be an additional incentive to the museum's fundraising efforts, Dr. Berry made this disclosure during a press conference held at the museum that was attended by other officers of the museum board and staff, the architect, and local press and radio station representatives.

Florence Green, fund raiser for the Maturango Museum, reported that the

amount raised to date for the construction of a museum building now totals \$157,566. Of this sum, \$61,557 has been collected since last October, Ms. Green said.

The goal, she said, is to raise \$250,000 locally by such means as a direct mail solicitation in the fall and the Maturango Junction celebration in Ridgecrest in October.

In addition, foundations are being contacted in an effort to bring in money through grants, and the possibility of revenue sharing with Kern County is being explored.

The overall goal, Ms. Green stated, is to raise up to \$250,000 locally and, by next summer, have sufficient funds committed through grants and other sources plus local contributions to begin moving ahead with preparations for construction of the museum on 10 acres of Kern County Regional Park land located opposite the Ridgecrest branch of the Kern County Library.

Unique architectural features of the proposed museum building, whose overall cost is estimated at \$1,184,000, were discussed by Ralph Iredale, AIA, a representative of International Design Collaborative. He pointed out that an earthen berm on the west side of the structure will be one of the means utilized to keep the building cool during the hot summer months. There also is to be a solar panel hot water system as part of a cooling tower on the museum's roof.

How the design of the museum's exhibits has been integrated with the layout of the museum was stressed by Bob Tuck, director of the museum, who reported on this aspect of the new museum on behalf of Howard Schureman, the museum exhibits' designer, who was unable to be present for Tuesday's press conference.

Dr. Berry concluded the meeting by emphasizing the importance of having the exhibits' designer work with the building architect, as was done extensively in planning the Maturango Museum's permanent building. The major effort during the coming year will be focused on raising money needed for construction, which Dr. Berry hopes can commence within the next two years.

Summer employees to visit Junction Ranch tomorrow

A busload of summer employees will have the opportunity to enjoy a free trip to Junction Ranch and other points of interest in the northern part of the Naval Weapons Center range area tomorrow.

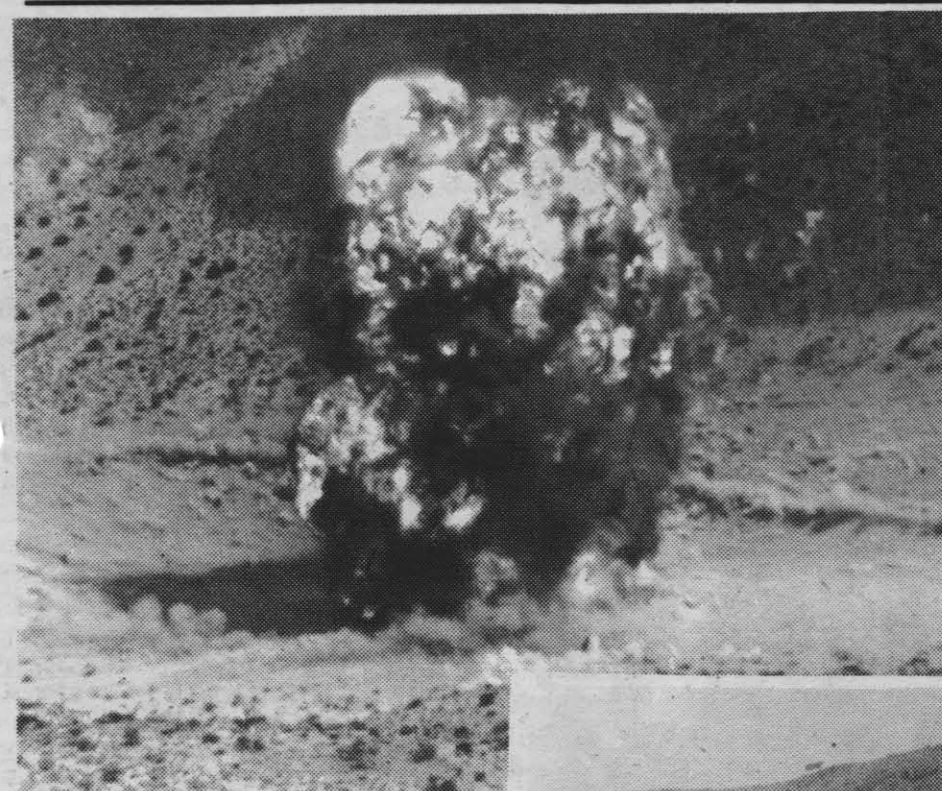
Tour guides will be Les Saxton, head of staff in the Weapons Department, and Carolyn Shepard, an archeologist employed in the Natural Resources Management Office of the Public Works Department.

Enroute, passengers on the bus can expect to see burros, possibly some wild horses, and will pass through a Joshua tree forest at the northern end of the Mountain Springs Rd.

A stop for lunch will be made at Junction Ranch, where, because of the 6,000 ft. elevation, the temperature is expected to be 10 to 15 degrees cooler than that on the valley floor.

Leaving Junction Ranch, the bus will head for Sunrise Cliff, where a large display of petroglyphs can be found, and, if time allows, there will be a side trip to El Conejo Mine — a low producing silver mining venture that has been partially restored to give visitors some idea of how the area looked when the mine was being operated.

The summer employees will be returned to the main entrance of Michelson Laboratory by 4 p.m. tomorrow. Each of those making the trip have been asked to bring along a minimum of two quarts of liquid refreshment (preferably water), good walking shoes, lunch, a hat, suntan lotion, and sunglasses.



ROUTINE DEMOLITION JOB — An estimated 15,000 lb. of ordnance material no longer fit for use sent shock waves echoing off the walls of Burro Canyon recently when it was destroyed during a blast set off by personnel of Explosives Ordnance Group One, China Lake. Most of the old ordnance that was destroyed was brought here from the Naval Weapons Station at Seal Beach, Calif., but some of it was rounded up at NWC as well. Lcdr. Roger Smith, officer-in-charge of EOD personnel at China Lake, was in command of the detail of eight members from his unit who were involved in stacking the explosive materials in a large pile prior to its demolition.

— Photos by Sam Wyatt

Important task performed by EOD personnel...

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established as the U.S. Naval School, Explosive Ordnance Disposal, at the Naval Powder Factory, Indian Head, Md.

While EOD work seems extremely dangerous (and can be so), casualty rates for EOD personnel are actually as low as or lower than the rates for the Navy as a whole. The reason, according to Lcdr. Smith, is that personnel selected for EOD training are screened and trained so well that accidents seldom happen.

ALL-VOLUNTEER GROUP

To be selected, officers or enlisted personnel must be volunteers, must meet all the physical standards for diving duty, have security clearances that can include access to Critical Nuclear Weapons Design Information on completion of training, be eligible for the Personnel Reliability Program, and successfully complete a rigid physical screening test.

Officers who are selected (up through the grade of lieutenant) must also agree to serve on active duty for a period of at least two years. Enlisted personnel must also have a GCT/MECH score of 55 each, and must agree to extend obligated service.

Once selected, training then begins. The first phase of training takes place at Redstone Arsenal, Ala., where individuals learn how to identify, render safe, and dispose of chemical munitions and agents.

ALSO TRAINED AS DIVERS

In the second phase of training at NAVSCOLEPD, Indian Head, Md., the Navy personnel first become qualified divers. They then learn to detect, identify, evaluate, render safe, recover and dispose of explosive ordnance, conventional and nuclear, that has been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard.

The Navy runs the training school, but personnel from all three services receive their training at this school. The only difference is that Navy personnel also become qualified divers, and some, in addition, also become qualified parachutists in case a problem occurs on a ship beyond reach of helicopters.

Training includes handling of all ordnance

devices, foreign and domestic, enemy and ally, about which the government knows anything. For each of these devices a standard approach has been worked out and described in a manual that can serve as reference for personnel in the field.

EOD work at NWC is perhaps more challenging than elsewhere because ordnance devices are mainly in the R&D phase, are often one-of-a-kind devices for which no standard method of defuzing has yet been developed.

Ordnance found on the ranges from tests of years past is also often nonstandard, being configured differently or painted in some way to make it more visible to cameras. Such devices are rendered safe (or are declared inert) by setting off a small explosive charge located in such a fashion that if a large charge is present in the device, it would be triggered.



LISTENING — EN1 Paul Hulsey demonstrates the operation of an electronic stethoscope used to determine if a clock mechanism is ticking inside a case containing a suspected explosive device.