

Principal Roles Cast For Gilbert & Sullivan Play

Pat Schwarzbach, who will direct Gilbert and Sullivan's "The Mikado," for Cerro Coso College's Theater 27 class, has released the names of those selected to play and sing the principal roles.

R.G.S. "Bud" Sewell will portray the role of the Mikado, and his son, Nanki-Poo, will be enacted by Randy Carson. Loretta Crow will be seen as Yum Yum.

Jack Lindsey has been cast as Ko-Ko, and the role of Pooh-Bah had been given to LeRoy Carson.

Pitti Sing will be done by Elaine Fisher and Peep-Bo by Nancy Hoyem. The roles of Pish Tush and Katisha will be sung by Peter Hammond and Jacquie Jessberger, respectively.

Sewell has performed many times in the local area, as a soloist with guitar and in various productions. He was last seen in "You Know I Can't Hear You When the Water's Running," staged by the China Lake Players. Randy Carson has been in "Showboat," and "My Fair Lady," two previous Theater 27 musicals. In addition he appeared in CLOTA's "The Music Man," and in other dramas and musicals in the local area.

Mrs. Crow is new to the area and this will be her first time on the local stage. Her background includes roles in opera and musicals in college and little theater productions.

Commissary To Open Longer Next Thurs.

Starting next Thursday, March 1, and continuing for one month on a trial basis, the Commissary Store will be open from 10:30 a.m. to 7 p.m. on Thursdays only, SHCS J. E. Murphy, resident officer-in-charge of the Commissary Store, announced.

In the past, the regular closing time on Thursdays has been 5:30 p.m.

Mrs. Fisher, a newcomer to the local footlights, recently appeared in the Fractured Follies. She is a former music student and has sung semi-professionally.

Mrs. Jessberger's most recent appearance was in CLOTA's "Guys and Dolls," and she has acted in "Lovers and Other Strangers," for the China Lake Players and in other dramas in the local area.

Lindsey's local stage credits include "A Midsummer Night's Dream," "Plaza Suite," "My Fair Lady," "Trojan Women," "The Fantasticks," "Brigadoon," "Here Lies Jeremy Troy," "The Sound of Music," and "Showboat." In addition, he was the director for "The Music Man," and is slated to direct "Hello Dolly," this summer for the Community Light Opera and Theater Association (CLOTA).

Mrs. Hoyem has played the lead roles in "The Fantasticks" and in "Guys and Dolls," and has also been seen in "Trojan Women," "Carousel," "Camelot," and "Showboat."

No stranger to local audiences is LeRoy Carson. He has appeared on-stage in "Showboat," "Trojan Women," "Brigadoon," "The Music Man," and many other amateur productions in the valley.

Hammond comes to China Lake from England, the home of Gilbert and Sullivan. This will be his first appearance on the local stage, but he wrote, directed and starred in a college production in England.

Jane McKensie is the production and rehearsal pianist for the musical and Louise Gillespie will be in charge of costumes.

Mrs. Schwarzbach will be assisted by Suzanne Koerschner, as student director.

"The Mikado" is set for presentation on March 30 and 31, and again on April 7, 8, 13 and 14. The show on April 8 has been set aside as a special "family matinee" performance.



—Photo by Herb Hewston

"1776" HELPERS — A production of the complexity of CLOTA's "1776" needs lots of backstage help. Two of Director William R. Blanc's principal helpers are shown here planning the logistics of scene changes. Elenita Vitale (left) is the stage manager for "1776." Because the play requires so many male actors, Miss Vitale is relying principally on women stagehands — a fitting gesture of liberation to facilitate a play about independence. Sherry Parker, as assistant director, is in charge of a myriad of technical and administrative chores. As she serves as the director's liaison with costume people, lighting people, the stage crew, and other members of the technical staff, she frees Blanc to work more intensively with the actors. "1776" rehearsals are well under way, with the production scheduled for March 9, 10, 11, 16 and 17. Annie Blanc, season ticket sales chairman, reminds local playgoers that purchase of CLOTA season tickets will not only gain them tickets to the regular season, including "Hello Dolly!" and "A Lion in Winter" as well as "1776," but will give them free admission to a fourth production, Neil Simon's "Star-Spangled Girl." Mrs. Blanc may be contacted for further ticket information by calling 446-7265.

Kern County Art Festival Entries Due by March 1

Adult amateur artists who wish to enter the Kern County Art Festival area show must mail their entry blanks to the Kern County Parks and Recreation Office in Bakersfield by next Thursday, March 1.

Entry blanks and rule booklets are available at the NWC Library, the Ridgecrest Library and at the Gift Mart in Ridgecrest.

The area show will be held at the Community Center on April 7 and 8

and all work entered must have entry stickers which are sent by the Parks and Recreation Department upon receipt of entry blanks. Each artist is allowed to enter two paintings, and all work must be either framed or matted.

The Art Festival is sponsored by the Kern County Parks and Recreation Department which formulates the rules for the event, now in its 25th year. Entrants must be residents of Kern County and the local area contest will include residents of Inyokern, China Lake, Ridgecrest and that portion of the Rand District which is in Kern County.

The county is divided into 11 areas for this event and each area holds its own show. First-place winners then compete with those from the other 10 areas for rosette ribbon awards at the county level.

The local area show is sponsored by the Desert Art League which hangs the art work and financially underwrites the cost of the exhibit.

Professional artists do not compete at the area level. However, those artists who wish to send their work to the county finals also must fill out the same entry blank by March 1.

Anyone desiring more information should call Lorraine McClung, 446-5834.

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents of the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(PG) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
CS - Cinemascope
STD - Standard Movie Screen

FRI. 23 Feb.
"RIVALRY" (STD 104 Min.)
Joan Hackett, Scott Jacoby
(Suspense Drama) Jaime, a teenager, has assumed the role of man of the house since his father's death. His mother, a successful business woman centers her whole life on her son. There is upset when a man enters the mother's life and she falls in love and marries this happy-go-lucky character. The sexual implications in the story may offend some. (R)

SAT. 24 Feb.
—MATINEE—
"CAPTAIN NEMO OF THE UNDERWATER CITY" (CS 106 Min.)
Robert Ryan, Chuck Connors (G)
—EVENING—
"THE DARWIN ADVENTURE" (STD 91 Min.)
Nicholas Clay, Susan MacReady
(Historical Drama) This story concerns the career of Darwin, the man who formulated the theory of evolution. The film focuses on his five year voyage on the British Royal Navy ship H.M.S. Beagle which was engaged in scientific exploration of the South Seas and South America in the 1830s. (G)

SUN. & MON. 25-26 Feb.
"SUPER FLY" (STD 93 Min.)
Ron O'Neal, Carl Lee
(Action Drama) Ron O'Neal portrays a tough, cool dealer in cocaine (coke) and drives a custom built "gold plated front end" Eldorado. He wants "out" of the business and to do so needs to make a killing by acquiring and selling 30 "keys" of the stuff. Violence, nudity and an explicit sexual encounter may offend some. (R)

TUES. & WED. 27-28 Feb.
"SOUNDER" (CS 106 Min.)
Paul Winfield, Kevin Hooks
(Drama) Sounder is the story of a simple story of the survival of a Depression-era black Southern sharecropping family of five whose existence is threatened when the husband is imprisoned for the theft of some of the contents of a white neighbor's smokehouse. (G)

THURS. & FRI. 1-2 Mar.
"THE BUTCHER" (STD 95 Min.)
Stephane Audran, Jean Yanne
(Suspense Drama) This story takes place in a thriving and peaceful community. The central characters are the school mistress (Stephane Audran) and the butcher (Jean Yanne). With their friendship blossoming into the beginnings of love, the village is shattered by a series of insane killings. (PG)

Watercolor Art Demonstration To Be Presented
Ken Decker will be the featured speaker at the next monthly meeting of the Desert Art League, which is to held Monday at 7:30 p.m., at the Community Center. Decker, who comes from Buena Park, will present a watercolor demonstration. Decker started his art career after serving in the U.S. Navy and has worked as a commercial artist. His realistic presentation of landscapes arouses nostalgia while expressing insight and sensitivity. He has taught classes, lectured and demonstrated his techniques before art associations, in addition to having served as a judge for art shows.



A KICK FOR CHARITY — Pat Noland, president of the China Lake Elementary Parents-Teachers Association, stated that \$1,500 profit has been realized from the "Fractured Follies" of 1973. The money will be used by the IWV Campership Fund to send deserving youngsters to summer camp. In addition, Mrs. Noland said that the United Fund has voted to give the Campership Fund \$1,000. "We should be able to send every needy child in the local area to camp this summer with the money we now have," Mrs. Noland said. The photo points out the various styles of "kick" employed by the housewives, secretaries, and other categories of chorus cuties who donated their time and talent to make Fractured Follies a financial success. Mrs. Noland remarked that all those who attended the Follies should be given a hearty "thank you."



Iceland Volcanic Action Studied by NWC Scientist

Dr. Norbert W. O'Hara, a geophysicist assigned to the NWC Research Department's Earth and Planetary Sciences Division, is now in Iceland for a firsthand study of the area where a recent volcanic eruption is threatening the community of Vestmannaeyjar and its fishing industry.

Dr. O'Hara, who left last Friday, Feb. 16, for the far northern island, departed on this mission at the

weeks, a spokesman in his office said.

Located on the archipelago of Vestmannaeyjar is the volcano Helgafell, which erupted with disastrous results a month ago. Lava flows threatened not only the community, but also access to the port facilities at what is Iceland's major fish processing area—representing 20 per cent of the economy of the island country.

Dr. O'Hara's trip is being made at the request of Admiral John Beling, Commanding Officer of the U.S. Naval Station Keflavik. The request was sent here via Rear Admiral Carl O. Holmquist, a former Technical Officer at China Lake who is now the Chief of Naval Research.

A Naval Weapons Center employee since April 1972, Dr. O'Hara came here from the University of Michigan, where he had been a research associate in oceanography and geophysics for nearly two years. For a year prior to that he had been an associate professor of oceanography on board the SS Ryndam, a part of Chapman College's Division of International Education. This appointment involved teaching courses on oceanography and marine geology during travels that took him to parts of Europe, the Mediterranean, South America, the Far East, India and Africa.

Dr. O'Hara, who is in the process of completing a definitive geophysical survey of the Great Lakes region, was the recipient of a National Science Foundation research grant in the amount of \$50,000 from 1964 to 1967 during which time he carried out a geophysical investigation of the western portion of the Great Lakes region.

Purpose of Dr. O'Hara's visit to Vestmannaeyjar is to investigate possible modes of relief from the hazards of lava flows, and to assess the possibility of future volcanic activity and methods of forecasting such occurrences. He expects to be gone at least two

Money Split Between 17 UF Agencies

A meeting to discuss and approve the allocation of funds among the 17 member agencies of the Indian Wells Valley United Fund was held Tuesday by the officers and directors of the local United Fund.

Speaking for the budget committee, Mike Mower reported that, based on both initial contributions to the 1973 campaign and payroll deductions, the IWV United Fund will be able to distribute \$50,000 throughout the coming year.

In addition, if funds come in as anticipated, it's also possible that the board will be able to divide up a supplemental allocation of around \$9,000 at the end of the year.

Allocations approved this week were as follows:

- American Red Cross, \$7,750; Boy Scouts, \$6,000; Campfire Girls, \$900; IWV Campership Child Welfare Fund, \$1,000; Children's Hospital of Los Angeles, \$2,267;

(Continued on Page 4)

Naval Weapons Center
China Lake
California
Vol. XXVIII No. 8



HEADED FOR JAPAN — A Marine Air Group in Japan was the destination for this prototype model of the Sidewinder guided missile maintenance van, which is shown as it was loaded aboard a C-141 jet transport prior to take-off last Saturday from the Naval Air Facility. A group of four Marines and two NWC civilian employees accompanied the van and will assist with its field evaluation.

Sidewinder Guided Missile Maintenance Van Developed

Work on the prototype model of a Sidewinder guided missile maintenance van, a unit which conditions in Southeast Asia proved was sorely needed, was completed and all equipment tested by Naval Weapons Center personnel during a 4½-month period that ended last Saturday, Feb. 17.

The van left here aboard a C-141 jet transport for a flight to Japan, where it will now undergo an

operational evaluation by a Marine Air Group prior to its introduction into the Fleet Marine Force.

A request for the development of such a maintenance facility was made to NAVAIR and NWC management by NWC's Marine Corps Liaison Office. The request followed a visit last July to a Vietnam-based Marine Air Group by Capt. Joe Jewett, aviation ordnance officer, and GySgt. H. R.

Logue, both assigned to the Marine Liaison Office here.

Responsibility for development of a maintenance van was assigned by the Naval Air System Command to the Naval Weapons Center.

The trip to Vietnam was made after receiving a report from a

(Continued on Page 3)



SPECIAL TRAINING PROVIDED — As Ken Markel (center), a physicist in the Engineering Physics Branch of the Engineering Department's Electromechanical Division, looks on, Marine GySgt. J. W. Evans follows instructions on operation of the regenerating system in the newly developed Sidewinder guided missile maintenance van. GySgt. Evans and Ssgt. R. F. Garrett, USMC (at left), who have been assigned to operate the van, received intensive training here before leaving with it for Japan where it is to undergo an operational evaluation. Markel also is in Japan for the initial phase of the van's field evaluation. —Photos by PHAA Shellie Reed

February 23, 1973
INSIDE...
Famous Organist To Perform ... 2
Dr. Jean Bennett Honored ... 3
Motorcycle Class To Begin ... 4
Salute to Mt. Rescue Team ... 5
Sports ... 6
Petroglyph Story To Be Told ... 7
Art Festival Entries Due ... 8

From _____

TO _____

PLACE STAMP HERE



TRY AND TOP THIS! During his recent re-enlistment ceremony, AMH1 Daniel B. Zielke was sworn in for another four-year hitch in the Navy while riding in a helicopter being flown 150 ft. below sea level in the vicinity of Bad Water, Death Valley, Calif. The oath of enlistment was read by Lt. George Baland (right), Laser Systems projects officer at the Naval Weapons Center.

Sailor Re-enlists While Flying Below Sea Level

It has been a custom in recent years for enlisted personnel to request shipping over ceremonies with somewhat less than usual circumstances.

Such was the case of AMH1 Daniel B. Zielke, helicopter search and rescue crewman at the Naval Air Facility, China Lake.

With the permission of the park ranger, the NAF HH1K helicopter was scheduled for some low level engine performance tests in the Death Valley area. At the same time Zielke, an aviation structural mechanic (hydraulics) 1st class, requested that he be shipped over for four more years while flying at an altitude below sea level.

Upon approval of this request by Capt. R. S. Moore, Commanding Officer of NAF, Lt. George Baland, Laser Systems projects officer at the Naval Weapons Center, carried

out the dual mission.

At approximately 7:20 a.m. on Feb. 14, Lt. Baland read the re-enlistment oath to AMH1 Zielke at 150 ft. below sea level while airborne in a helicopter being flown in the vicinity of Badwater, Death Valley, Calif.

Zielke has been at NWC for the past 10 months, coming here from service in Vietnam. He has served on active duty in the Navy for 10 years.

Cookie Sale Begins

Residents of the Indian Wells Valley are reminded that the annual Girl Scout cookie sale begins today and will continue until Monday, March 5.

Money realized from the sale of cookies is used to help local Girl Scout units purchase needed equipment.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of these rates as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Management Technician, GS-345, PD No. 731705, Code 17031 - Performs duties relative to assisting the head, Directives and Forms Management Group, with administering and coordinating the directives, and forms management programs for the Center; the Forms Management Group is responsible for the records and reports programs for the Center. Minimum Qualification Requirements: GS-5, 2 years general and 1 year specialized. Job Relevant Criteria: Demonstrated ability in writing, editing; familiarity with the Center's organization, policies and procedures; format of official correspondence. Potential to the GS-7 level.

File applications for above with Mary Morrison, Code 457, Bldg. 34, Rm. 212, Ph. 2371. Clerk-Typist GS-323.4, PD No. 728112, Code 3041 - Incumbent performs clerical and typist duties for both the Laser and Electro-Optics Branch and the RPV Project Office. Duties include typing from rough drafts, letters, memorandums, work assignments, contracts work requests, travel orders, and reports. Minimum Qualification Requirements: GS-3, 1 year general experience; GS-4, 1 year general experience and 1 year specialized. Job Relevant Criteria: Must be a qualified typist capable of typing official correspondence. Ability to work independently. Ability to deal effectively with people.

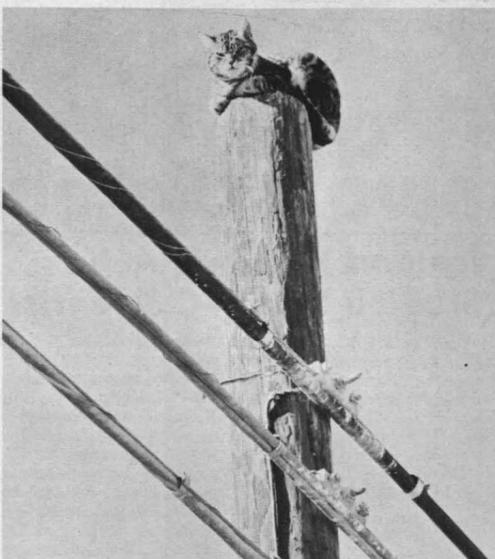
File applications with Dora Childers, Code 457, Rm. 210, Ph. 2032.

O'seas Jobs In Vietnam Listed

Overseas Vacancies for the Republic of Viet Nam: Applicants interested in being considered for any of the following vacancies should complete SF-171 and call ext. 2657 or 2069 for an appointment to register in the Automated Overseas Placement Program. Applications may be obtained in Rm. 100, Personnel Bldg. A tour of duty is one year, there is a 25 percent differential, dependents are not authorized to go to Viet Nam, movement will likely begin within another week or be granted across component lines.

Navy Department Vacancies: Security Administration, GS-9-11:2; Guard, GS-7-9; Economist, GS-13-14; Recreation Specialist, GS-12; Personnel Management, GS-15; Personnel Clerical Assistant, GS-9; Position Classification, GS-10-13; Labor Management & Employee Relations, GS-13; General Clerical & Administration positions (Maintenance), GS-12; (Protocol), GS-11; (Typing), GS-7; Mail & File Clerk, GS-5-6-7; Secretary (Steno), GS-8-9; Office Services Management Supervisor, GS-9; General Accounting Clerical, GS-14; Financial Management, GS-15; Accountant, GS-12; Accounting-internal, GS-11; Cash Processing Clerk, GS-5; Voucher Examiner, GS-5-7; Payroll, GS-8; Budget Administration, GS-13; Time & Leave Clerk, GS-5; General Engineer, GS-15; Electrical Engineer, GS-12; Naval Architect, GS-12; General Attorney, GS-15; Claims Clerk, GS-5; Public Information, GS-15; General Business & Industry, GS-12; Contract & Procurement (Procurement Administration), GS-15; Housing Manager, GS-9-11; Statistical Assistant (Typing), GS-7; Printing Manager, GS-12; Quality Inspection (Preservation Packaging), GS-4; General Supply, GS-13; Supply Program Management, GS-15; Distribution Facilities & Storage Management, GS-9-12; General Transportation, GS-9; Shipment Clerk, GS-5; Transportation Operations, GS-12; Press Operating Offset, WG-9; Warehouseman General Supervisor, WS-6.

Air Force Vacancies: General Clerical & Administration positions (Aircraft), GS-13; (Aircraft Maintenance), GS-13 (Logistics), GS-15 (Ordnance), GS-13, (Publications), GS-9, and (Vehicle Maintenance), GS-11; Mail & File Clerk, GS-4; General Accounting Clerical & Administration, GS-13; Engineering Technician (Electrical), GS-11; Fire Prevention Engineer, GS-12; Architect, GS-12; Chemical Engineer, GS-12; Production Control, GS-13; Equipment Specialist (Aircraft), GS-14; Quality Assurance, GS-14; Packaging, GS-11; Aircraft Metal Work Supervisor, WS-15. Information regarding vacancies in other overseas locations is listed in the lobby of the Personnel Department, Rm. 100.



REAL COOL CAT - An air of self-assured nonchalance was exuded by this feline pet, which attracted attention to itself last Friday morning by perching atop a 40-ft. high telephone line pole located along Nimitz Ave., not far from Michelson Laboratory. Gordon Carlton, a Public Works Department lineman, was summoned to the scene and went up a ladder to get the adventurous cat. He recognized it as the same animal he has helped to the ground on two previous occasions when the beast risked more than bruises and abrasions by ascending poles used to elevate 4,800 volt power lines that could have dealt it a fatal jolt. This kitty also has been seen jousting with a petulant raven from this same kind of an elevated roost. Carlton recalled.

-Photo by PHAN Jerry Sizemore

Concert by Famed Organist Slated March 4 at Chapel

Frederick Swann, one of the finest organists in the world, director of music and organist of the Riverside Church, New York City, will present a concert of organ music on Sunday, March 4, at the All Faith Chapel, beginning at 4 p.m.

Swann, who is active as a teacher, lecturer and leader of church music workshops in the United States, has selected an extensive and varied program of organ music for his local program.

Beginning with the "Trumpet Voluntary," by Jeremiah Clarke, Swann's presentation will include John Stanley's "Toccata for Flutes," the symphonic chorale "Jesus, Lead Thou Onward," by Sigfrid Karg-Elert, a toccata "Thou Art the Rock," by Henry Mulet, and the "Communion," by Charles Tournemire.

The famous organ recitalist will

continue his program with a suite, "Laudate Dominum," by Peter Hurford. The suite is composed of six musical vignettes - "Proces-



Frederick Swann

sional," "Rondo da Chiesa," "Meditation," "Scherzo," "French Carol" and "Exurgat Deus."

Following the final selection on the first part of the program, Congregation Hymn No. 96, "Praise To the Lord," there will be a brief intermission.

Swann has selected "Adagio for Strings," by Samuel Barber to open up the second half of the program. This will be followed by "Toccata in F Major," by Bach, and "Prelude on 'Brother James' Air'" by Searle Wright. The afternoon music will close with the "Carillon de Westminster," by Louis Vierne.

During his 30 years as a church musician, Swann has played organs and directed choirs for every major Protestant denomination, and has gained wide experience in both liturgical and non-liturgical services.

Admission to the program is free. However, a free will offering will be taken. All are invited.



SHIPS FOR SIX - AMH1 Warren D. Bennett, a 15 year Navy veteran, recently signed on for six more years of active duty. Bennett is a member of the check crew at the NAF Maintenance Department. His last duty station was with VA122 at NAS Lemoore.

Employee In The Spotlight

"The thing I like most about this area is the way people 'turn to' in a time of need. There always seems to be someone ready to help, be it a personal crisis or for a community effort."

John Emery, head of Central Staff's Internal Review group, was speaking from experience. John recently suffered a heart attack and has been confined to his home. "People have been simply marvelous," he said. "The concern for me has been echoed from person to person, department to department. It's been quite an experience, finding out how people respond to something like this," he said.

John also pointed out other instances when members of the Indian Wells Valley community rose to offer their help. "Such as for the establishment of the fairgrounds and the building of Joshua Hall," he noted.

"When I was president of the China Lake Community Council (1969-70) the response to the call for help in establishing the Miss Ridgecrest-China Lake Pageant and the swap meets was tremendous. People like Ernie Loscar and Wardna Abernathy gave much of their time and talents to start the annual Yule Parade, and others helped to support other council functions," he said.

"I'm proud to be a member of this community," he added.

John first became part of China Lake when he came here in 1950 to join the Commander's staff. Prior to that time he had worked for North American Corp. (1937-1942), IBM (1948-1950) and owned his own business.

He was graduated from UCLA in 1937 with a degree in business administration. "I started my student life as a pre-med, but changed soon after I discovered that what I was seeing in microscopes was different than what the other students were seeing," he joked.

One of John's early memories of China Lake involved Dr. L.T.E. Thompson, NWC's first Technical Director. "You learned very quickly not to say 'no' to him," John recalled. "Unless you had exhausted all other possibilities and no was the only answer, you always told Dr. Thompson 'yes,'" he added.

John worked at China Lake until 1956, when he returned to North America to serve on the staff of the head of the Corporate Data Processing Branch. He stayed with the firm until 1960 when he joined Lockheed Missile and Space Co., Sunnyvale, Calif. "There were a number of fellows from China Lake working there, and it was like old home week," John mused.

In 1963, he again returned to North America—this time as manager of the data processing operations at Space Division, Los Angeles.

The pull of the desert was too much for John to resist, so in 1967 he came back to China Lake. "To stay, this time," John says. "We will retire here," he asserted.

John has served three tours as NWC's liaison officer in Washington - eight weeks in 1969, again in March 1972, and another six weeks in the summer of 1972.

His community involvement is extensive. In addition to his two



John D. Emery

terms as president of the Community Council, John served for another year as a precinct representative. During that time, John was one of the organizers of the Yule Parade, the Miss Ridgecrest-China Lake pageant and worked on Desert Empire Fairgrounds committees. He is a past president (1956) of the United Fund, and ironically was the person who worked to get the Heart Fund included as a United Fund agency.

John likes to bowl and play golf, so he got involved with the running of those two sports. He is a former secretary of the China Lake Golf Club, and is a past president of the Ridgecrest-China Lake Men's Bowling Association.

John and his wife, Eunice, have eight children - four each. The Emerys are Cathy, who is a secretary to the board of regents at Oregon State University; Patti Bolt and Robert, who both work for Western Electric in San Jose, and Richard, a junior at Burroughs High School.

Eunice's children are Linda Stevens, Dolores Irvin, who is Jud Smith's secretary at NWC, Cleave R. Warren, an employee of Code 3053, and Darrel Warren, a junior at Burroughs.

Over the years, the couple has been involved in Little League and Pony-Colt League baseball programs, and John was once the Valley's representative to the Kern County Girl Scout Council.

He enjoys playing golf, fishing, reading and working with the St. Michael's Episcopal Church. Eunice keeps busy with the usual homemaker's hobbies - sewing, crocheting, baking and gardening.

They both like to go camping and John is always looking for "the big fish that nobody else has ever caught."

Deadline Near To Apply For NWC Fellowships

The deadline to file applications for NWC Fellowships and NWC Fellowship extensions for the summer and fall terms (1973-74) is next Thursday, March 1, according to a last-minute reminder issued this week.

Such applications, which must have prior department approval, should be sent to the office of the NWC Director of Education, Code 6009.

Additional information can be obtained by contacting the Education Office, phone ext. 2641.

Hopi Indian To Tell Story Of Petroglyphs

Ancient rock carvings have long been the subject of intensive speculation by trained archaeologists and amateurs alike. As is well known, the greatest concentration of petroglyphs in North America lies high in the mountain canyons of the nearby Coso Range.

On Monday, at 7:30 p.m., Oswald White Bear Fredericks, a full-blooded Hopi Indian, will give his interpretation of the religious meanings within pictographs and petroglyphs according to the Hopi traditions. He also will show slides of Indian cultures taken in the southwestern United States and Mexico.

Although he will focus on petroglyphs and their meaning, White Bear also will discuss the Hopi culture in general terms, obtaining his interpretations from the extensive rituals and traditions of the Hopi people.

This program, sponsored by the Maturango Museum, is open to the public and will be held in the Burroughs High School Lecture Center. There will be a donation of \$1.50 per person to cover expenses of the speaker.

White Bear was born at Oraibi in the Four Corners area, and attended Haskell Institute in Lawrence, Kan., and Bacon College in Muskogee, Okla. He is an artist, and made the drawings and recorded the source material used by Frank Waters in the latter's "Book of the Hopi." This book presents a view of the Hopi's historical and religious world view of life.

White Bear and his wife, Naomi, hope to visit the local petroglyph canyons, and he expects to find more significance toward the religious side in the meanings of the petroglyphs.

Maturango Museum officials anticipate that it will be interesting to compare the reflections of an educated Hopi Indian, well versed in Hopi symbolism and history, with the museum's own archaeological study entitled "Rock Drawings of the Coso Range" by Campbell Grant, James W. Baird and J. Kenneth Pringle.

White Bear and his wife recently took part in an Indian arts and crafts display at the Los Angeles County Museum of Natural History, where they were enthusiastically received.

Potluck Dinner, Dance Slated For All Military

A potluck dinner and dance for all military personnel and their guests will be held tonight, starting at 7 o'clock, in Cactus Hall of the Community Center.

Sponsored by the Human Relations Committee of the Naval Weapons Center, the Naval Air Facility and Air Test and Air Test and Evaluation Squadron Five (VX-5), this event ties in with the local observance of Brotherhood Week, which began this past Sunday and ends tomorrow.

Music for dancing, which will continue until 1:30 a.m., will be provided by a new group known as "Papa's Got a Brand New Bag." There will be no charge for admission.



EXPERT ON PETROGLYPHS - Oswald White Bear Fredericks, a full-blooded Hopi Indian, on Monday night will present an illustrated lecture on the Hopi Indian religion and the interpretation of petroglyphs. This program, sponsored by the Maturango Museum, will be presented at the Burroughs High School Lecture Center, starting at 7:30 p.m.

TID Employees To Participate In Technical Communication Seminar

Four employees of the Naval Weapons Center's Technical Information Department will take part on Saturday in the program that will be presented during a technical communication seminar scheduled today and tomorrow at California State University in Fullerton.

All four NWC employees are members of the Sierra Panamint Chapter of the Society for Technical Communication. Also involved in the seminar, which will be highlighted by an awards dinner tonight during which company of the year and art contest major awards will be presented, are the Anacapa, (Point Mugu), Los Angeles, Orange County and San Diego chapters of STC.

A panel discussion entitled "Presenting and Retrieving Information from a Government Standpoint" will be presented with Chester Creider, head of the Editorial Branch in TID's Publishing Division, as moderator.

Panelists will be A. B. Christman, head of the Publishing Division; Snowden LaFon, head of the Technical Library Division, and Byron W. Butler, Jr., head of

the Presentations Development Branch in TID's Presentations Division.

Featured speaker at tonight's awards dinner will be Dirk Summers, president of United Productions, Limited, whose subject will be "Communications and Documentary Films."



3 DECADES OF SERVICE - J. L. Smith (at right), a driver-operator for the Corona Fire Branch of the NWC Security Department, was recently awarded a 30-year length of service pin during ceremonies held at Corona. The service pin was presented by W. E. Davis, Director of Security at NWC. Smith began his government service in 1938 as an employee of the U.S. Forestry Service. He served in the U. S. Navy from June 1942 to December 1945, during which time he attained the rank of chief. For the next six years, he again was with the Forest Service, but in 1952 he transferred to the Corona Fire Branch, where he has remained until the present time. He is one of six Corona Fire Branch employees who have a combined record of 189 years of Federal service.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake Lake, California. RADM. Henry Suerstedt, Jr. NWC Commander. H. G. Wilson Technical Director. C. E. Van Hagan Head, Technical Information Department.

DIVINE SERVICES

PROTESTANT Sunday Worship Service 1015 Sunday School - All Ages 0900 Wednesday Noon Bible Study 1130 Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month.

ROMAN CATHOLIC MASS Saturday 1700 fulfills Sunday obligation Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL MASS Daily except Saturday 1135 First Friday only 1135 1700

CONFESSIONS Saturday 1545 to 1645 Sunday 0800 to 0825

CCD CLASSES Sunday Kindergarten thru 6th grades 1015 Wednesday Seventh and 8th grades 1900 Above classes are held in Chapel Annexes across from Center Restaurant.

As announced Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WING - ALL FAITH CHAPEL Friday 1st and 3rd ONLY Sabbath Services 2000 Saturday Sabbath School 0900

UNITARIANS CHAPEL ANNEX 95



PH2 R. D. Cox, PH2 D. W. Yeatts, PHAN Jerry Sizemore, PHAN D. M. Jenereaux, ADJAN Bill Brooks, PHAA Shellie K. Reed Staff Photographers DEADLINES: News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NavExos P35, revised July 1956. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Phones 3354, 3355, 2347 Sunday Services 1930



By Jack Lindsey

SPORTS VIGNETTES —

Blaine Davies, the erstwhile disc jockey, handy-dandy, all-round news publicist and sports announcer for Radio Station KLOA in Ridgecrest, may never reach the heights of Howard Cosell, but he certainly has a style and verve all his own. This particularly stands out when he is broadcasting Burroughs High School sports events.

During Tuesday night's CIF play-off game between Burroughs and Los Altos, Davies occasionally mis-called a play or two and sometimes confused his sports terminologies, but no one can fault him for not being an exciting (and oftentimes excitable) sportscaster.

When Rick Richison hit the fantastic 50-ft. basket that won the game, 55-53, in the final second, Davies went absolutely stark-raving berserk. It's hard to control your own emotions when listening to someone as volatile as Davies, although I tried. I am generally very mature and almost blasé when listening to sportscasters and I couldn't understand why my instructor at the college (where I was listening to the game via radio in a classroom) nearly asked me to leave the room.

Simply because I was jumping up and down on top of a desk. How dull!

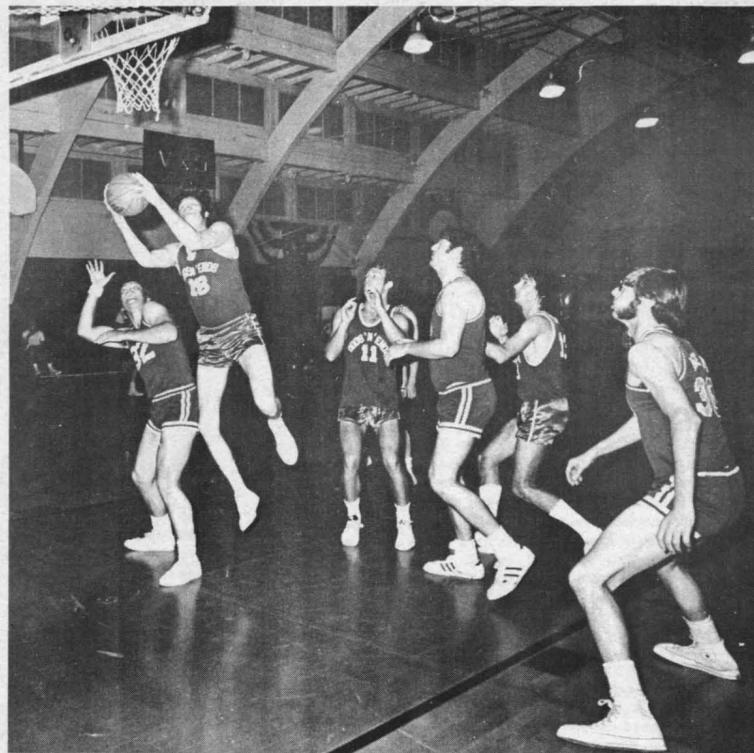
Chris Petersen, the genial veep of the Golf Club, called to say that he will accept sign-ups for the cross-country match until approximately 8 a.m. tomorrow. The foursomes will be started at that time, and entries will close.

A group of China Lake golfers will visit Muroc Golf Course at Edwards AFB this coming Sunday to play the second half of a home and home match against the "boys in blue." We're looking for a victory.

They thumped us pretty good here on our own course, and we'd like to return the favor.

Persons interested in competing in intramural volleyball, or in becoming a member of Marty Denkin's special All-Star Varsity volleyball team, still have time to sign-up. Registrations will continue to be held until 4:30 p.m., Friday, March 9.

Look for the article elsewhere on this page which goes into more detail about the coming volleyball season.



ACE-TV WINS SQUEAKER — Harley Bue (No. 18) attempts an easy lay-up during the game between the Odds 'n Ends and Ace-TV last Tuesday evening in the Center gym. The Ace cagers won the game, 45-44, to tighten up the battle in Division A of the China Lake Intramural Basketball League. Players grouped under the basket are (l.-r.): Tom Wee (32), Michael Spowart (11), Bill Ball, Bob Smith (13) and Art Duke (30).

Ace-TV Nudges Odds 'n Ends Cagers In 'Edge-of-Seat' Basketball Action

Ace TV barely edged the Odds 'n Ends, 45-44, in Division A hoop play of the China Lake Intramural Basketball League last Tuesday evening in the Center gymnasium. Gary Travis led the victors in scoring with 14 points. In the first of two Rockin' Chair Division games played the same evening, the 40-Love cagers dealt a 31-17 loss to the Fuze Department, and the Dirty Dozen stomped the Over-the-Hill-Gang, 47-12, to close

out the evening.

Division B and A games made up the slate on Feb. 15, opening with a Division B-2 tilt between the Devastators and the Red Devils put the wraps on the evening. The Officers had an easy time of it, winning 50-12, to remain 3½ games behind the Dispensary cagers, leaders in Division B-1. The Dispensary hoopsters added another victory to their total of six wins with no losses in Division B-1. They blasted the Hustlers, 67-28 on Feb. 14.

Buddy Phillips scored 26 points to lead Continental Telephone in a losing effort as the Blazers squeaked by the phone gang, 72-71. Cary Dabbs netted 24 tallies for the victorious Blazers, who are tied with NAF for first place in Division A. Both teams have identical records of 7-1.

The week's play closed with the Dirty Dozen dropping a 46-17 decision to the 40-Love cagers in another Rockin' Chair Division game.

Ray Sinnott To Present Program About Center's Use of Exhibits

Exhibits, which have been an important part of the Center's training and orientation program down through the years, will be featured at the February meeting of the Society for Technical Communication.

Ray Sinnott, head of the Exhibits Branch, will present the program scheduled for next Wednesday, Feb. 28, at 7:30 p.m. in the Weapons Exhibits Center. Sinnott's behind-the-scenes dis-

ussion of this highly specialized form of communication will include both successes and failures, according to Edith Huse, program chairman.

An exhibit is an eye-catching, dramatic way to communicate a Center accomplishment to a select audience. "The message is more likely to be remembered when seen in three dimensions," Sinnott noted.

saw the Odds 'n Ends dump the Ensigns, 62-49, in a Division A encounter. A game between the NAF Officers and the Red Devils put the wraps on the evening.

The Officers had an easy time of it, winning 50-12, to remain 3½ games behind the Dispensary cagers, leaders in Division B-1.

The Dispensary hoopsters added another victory to their total of six wins with no losses in Division B-1. They blasted the Hustlers, 67-28 on Feb. 14.

Buddy Phillips scored 26 points to lead Continental Telephone in a losing effort as the Blazers squeaked by the phone gang, 72-71. Cary Dabbs netted 24 tallies for the victorious Blazers, who are tied with NAF for first place in Division A. Both teams have identical records of 7-1.

The week's play closed with the Dirty Dozen dropping a 46-17 decision to the 40-Love cagers in another Rockin' Chair Division game.

Holiday Cuts Into Youth Hoop Action

Due to the three-day weekend just past, only three games were played in the Youth Basketball League.

On Tuesday, the Braves scalped the Sonics, 53-32, in a junior division contest.

Last week saw two games played in the high school division. In the first, the Warriors downed the Lakers, 70-67, and in another tilt the Celtics scooted past the Pistons, 60-49.

Registration For Little League Begins Tuesday

Registration for the China Lake Little League will be held next Tuesday at 6:30 p.m. in the Groves School auditorium.

Two more dates — Thursday, March 1, and Wednesday, March 7 — also have been set aside to complete registration for the 1973 Little League season.

Sign-ups will begin at 6:30 p.m. at the same location on the latter two days.

Birth certificates will be required for all boys being registered in the league. Eligibility dates are from Aug. 1, 1960, to July 31, 1965. Any boy born between those dates is eligible to compete in Little League this year.

The China Lake Little League covers the area east of China Lake Blvd., and north of Trona Rd., including the Cottonwood Homes area.

Players Needed For Volleyball Spring Program

Marty Denkin, NWC's athletic director, has announced that the spring volleyball program at NWC will begin in April.

Prior to that time, however, Denkin will form an all-star varsity volleyball team in preparation for the Mojave Desert Inter-Service League volleyball competition, slated to be held March 10-11 at 29 Palms Marine Corps Base.

Anyone interested in playing on the all star team is urged to sign up immediately.

The spring volleyball (intramural) program will be a round-robin competition. Three leagues will be formed — men's, women's and girls. The men's league will be divided into two divisions, A and B.

Team rosters are not to exceed 12 persons, including a coach and manager.

Entries are open to both military and civilian employees of the Center. Registration will continue until 4:30 p.m., Friday, March 9. At the conclusion of sign-ups, a captain's meeting will be held at the gymnasium on Monday, March 12, beginning at 4:30 p.m.

Anyone desiring additional information, is asked to call Denkin or Bill Nicol at NWC ext. 2334.

Help Wanted To Construct Skeet And Trap Range

Volunteers are needed to help in the construction of a skeet and trap range on the Naval Weapons Center.

It is planned to build the range at some date in the near future and the purchase of equipment for the facility has already been discussed by the Joint Civilian-Military Recreation Council.

The work will be performed as a self-help project and volunteers to handle a variety of construction tasks are needed.

Persons interested in lending a hand on this project are asked to call Frank Weaver at NWC ext. 5493 or 5494, or Don Moschner, ext. 5297.

Missile Maintenance Van Developed . . .

(Continued from Page 1)

Marine Air Group ordnance officer that all of his sources for charging Sidewinder missile launchers were in a "down" status and no spare parts were available. This visit led to the recommendation that Marine Air Groups be provided with a far better facility for servicing and maintaining Sidewinder missiles and launcher bottles than was previously available. Protection from mud, sand, and torrential downpours of rain was essential, it was noted.

Storage facilities for the protection of guidance control sections and launcher bottles were also badly needed to assure a continuous capability to operate Sidewinder guided missiles in forward areas, Capt. Jewett explained in his report.

Purpose of the newly-developed Sidewinder guided missile maintenance van is to provide Marine Air Groups, deployed either in garrison or forward operational areas, with a self-contained air transportable, intermediate-level maintenance facility to insure proper service and maintenance of the Sidewinder missile system — particularly the gas receiver assembly for the launcher.

The Marine Corps provided a standard, 4-wheel trailer-mounted air-conditioned van into which equipment was then installed under the direction of a trio of project engineers from the NWC Engineering Department.

The work was coordinated by the Sidewinder-Chaparral Program Office (Code 5571) in the Engineering Department's Weapons Systems Management Division, and directed by Adrian Milbrath, for that office. Ken Markel and Jim Fredle, of the Electromechanical Division, were the project engineers responsible for the design of the systems incorporated into the van.

To the Engineering Department's Mechanical Division was assigned the task of installing these special systems. This was handled by Clark Cleveland and John Wardell, machinists; Leon Watson, an electrician, and Glenn Zeller, a sheetmetal worker.

Equipment installed in the van includes a 3,500 psi air compressor system, a regenerative air purifier and filtration system, a launcher gas receiver assembly purging and repair system, a launcher gas receiver assembly charging system, a missile guidance-control-group testing system, an oxygen level sensor and alarm system, and a 60 to 400 cycles per second solid state converter that provides the electrical power for operating the Mk 409 test set.

One of the innovations incorporated in the Sidewinder guided missile maintenance van is the purge system for cleaning the gas receiver assemblies — something that heretofore could be done only at the Naval Air Rework Facility, not at a forward area support facility in the field, Milbrath explained. This purge system is a very important factor in the operation of the complete missile system, he added, for without extremely clean receivers and coolant gas, the Sidewinder missile performance is seriously degraded.

Also new is the van's regenerative air purifier and filtration system that is used to



VITAL STEP PERFORMED — SSgt. R. F. Garrett, one of two Marine staff NCOs trained to operate the missile maintenance van, practices one of the key operations—recharging of the Sidewinder launcher gas receiver.

recharge the Sidewinder launcher gas receiver assemblies. This system is capable of providing missile specification air purity for 9,000 hours of operation between desiccant changes. It replaces a throw-away desiccant cartridge that was previously used and had to be changed often when operating in a highly humid environment. The new system promises a significant savings compared to the cost of desiccant cartridges previously used.

In equipping the new van, space also was provided for storage of 72 gas receiver assemblies, a storage rack for seven missile guidance-control groups, and for storage of spare parts for the missile, gas receivers and equipment for the van itself.

The systems in the van requiring a source of high pressure air or nitrogen can be operated in any one of three ways. They are: Using the self-contained air compressor, using an external compressor connected to the high pressure system and by-passing the internal compressor, or using a source of liquid nitrogen processed through the A-M26A-12 oxygen-nitrogen recharger purifier.

Another feature of the van is that the regenerative portion of the air purifier can be manually by-

passed in the event of failure. Should this happen, all systems in the van can still be operated with clean air provided through the standard filtration portion of the system.

The van is completely self-supporting except for an external source of electrical power. The van can be airlifted by helicopter, has detachable running gear, as well as its own hydraulically-operated leveling jacks.

The equipment installed in the van was designed, fabricated, tested, and completed by Feb. 7, at which time it was released to the Marine Corps for field use and evaluation.

Two Marine Corps staff non-commissioned officers who were on orders to the Western Pacific were assigned to operate the van during the next year, and have been given intensive training at NWC in its operation and maintenance. They are GySgt. J. W. Evans and SSgt. R. F. Garrett, who left for Japan with the van, as did Capt. Jewett and GySgt. Logue, of the NWC Marine Liaison Office, and Fredle and Markel, who will serve as the Center's technical representatives and will assist with introduction of the van during its field evaluation.

Volcanic Action Being Studied . . .

(Continued from Page 1)

A 1952 graduate of Michigan State University with a BS degree in mining geology and physical geography, he received a master's degree two years later at Michigan State — this time majoring in petroleum geology with a minor in oceanography.

For his Ph.D. degree, which he received from Michigan State University in December 1967, Dr. O'Hara prepared a geophysical analysis of the eastern portion of Lake Superior to satisfy the

dissertation requirement.

No notice when it comes to research and exploration in Arctic regions, Dr. O'Hara served from September 1965 to March 1966 as a glaciologist and geophysicist with a six-man German-American expedition to Antarctica.

He also holds the rank of major in the Marine Corps Reserve, and has had extensive experience in flying both fixed wing aircraft and helicopters—something that may come in handy during his current study of volcanic activity in Iceland.

Optical Society of America Honors Dr. Jean Bennett

Dr. Jean M. Bennett, a research physicist in the Physical Optics Branch of the Research Department's Physics Division, has recently been elected a Fellow in the Optical Society of America.

She joins 362 of her peers who have been designated fellows by the society from approximately 6,000 members. Of that number, only 14 are women. In addition, she was the only woman fellow elected among the 32 chosen in 1972.

Dr. Bennett was graduated from Mount Holyoke College, South Hadley, Mass., and received a BA degree in physics and chemistry, summa cum laude. She entered Pennsylvania State University where she earned her master's degree and a Ph.D. in physics.

She came to China Lake in October 1966 and works here with her husband, Dr. Harold Bennett, whom she met while they were both students at Pennsylvania State University.

Dr. Harold Bennett is the associate head of the Physics Division and is also head of the Physical Optics Branch.

Her current research is concerned with experimental and theoretical work on the optical properties of solids.

Mrs. Bennett has 52 open literature publications to her credit and she has contributed to four books. Her most recent effort is the completion of a paper on the life and scientific contributions of Albert A. Michelson, a pioneer in the field of optics and the man for whom Michelson Laboratory is named.

The paper will be published as a feature article in the September

Blood Bank To Visit Ridgecrest Again Tuesday

An opportunity for all local residents between 18 and 65 years of age who are in good health to do a neighborly good turn will be presented next Tuesday afternoon, when the Houchin Bloodmobile from Bakersfield will be at the Ridgecrest Elks Club, 201 E. Church St.

Hours of operation during the bloodmobile visit will be from 2 to 6 p.m. on Tuesday, Mrs. Mae Read, chairman of the Indian Wells Valley Blood Bank, reported.

Donors will be credited with giving a pint of blood, which can either be designated for a specific beneficiary, or made available for use by anyone in time of need.

The Houchin Bloodmobile makes quarterly visits here to assist in replenishing the supply of whole blood credited to the Indian Wells Valley Blood Bank.

Anyone interested in supporting the communitywide benefits of the IWV Blood Bank and who, for one reason or another, is unable to give either blood or time, is invited to help with a small monetary donation. This money will be used to help cover such incidental expenses of the blood bank operation as the cost of refreshments for blood donors, or emergency telephone calls and for postage.

Such contributions—checks made payable to the IWV Blood Bank—can be mailed to Mrs. Read at 329 Balsam St., Ridgecrest. Further information can be obtained by calling Mrs. Read at 375-7215.



Dr. Jean M. Bennett

1973 issue of Applied Optics, one of the official publications of the Optical Society of America.

In being elected a Fellow in the Optical Society of America, Mrs. Bennett joins her husband, who was singled out for that honor in 1967.

Cold Weather Training Drill Set at Greenhorn

A group of some 40 young people—Sea Cadets from Squadron VX-5 and members of Senior Girl Scout Troop 170—will be participants this weekend in a cold weather training exercise at Camp Yenis Hante in the High Sierras.

The camp, located at the summit of Greenhorn Mt., will provide ideal cold weather training conditions, since 6 to 7 ft. of snow now blankets the area.

Cdr. George Burdick, Commanding Officer of the local Naval Sea Cadet Corps Squadron, has outlined a schedule of lectures and demonstrations for the two-day event.

Training will be offered in Arctic area first aid, individual and group survival techniques, navigation and signaling, travel by snowshoe, and cross-country skiing.

The instruction will be provided by members of the China Lake Mountain Rescue Team and Sea Cadet Squadron staff personnel.

The Senior Girl Scout contingent, nearly 20 strong, will be led by Mrs. Charlene Spencer.

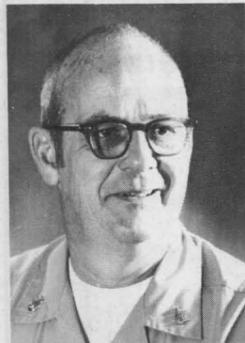
Transportation to and from the camp site at Greenhorn Mt. will be provided by the Naval Weapons Center's Public Works Department.

Help Needed On Stage Sets

Bill Blanc, director of "1776" for the Community Light Opera and Theater Association, has found that the sets are more complicated to paint than he originally thought. He is asking for volunteers to lend a hand in painting, which will be done at the CLOTA hangar, located on the corner of Ujohm Rd. and South China Lake Blvd.

Dates for painting will be tonight, from 7 to 10:30 p.m.; Saturday, Feb. 24, from 10:30 a.m. until 7; and on Sunday, Feb. 25, from 1 p.m. until finished.

Volunteers are asked to bring brushes or rollers for use with water base paints.



SIGNS ON FOR 4 MORE — PHCS Clarence E. Bruce, photo technical assistant to the NWC Director of Supply, recently re-enlisted for another four year hitch in the Navy. A veteran of 24½ years of Navy service, Chief Bruce reported to China Lake 3½ years ago from duty aboard the Aircraft Carrier USS Saratoga, where he was leading chief of the photo division. Prior to that, Chief Bruce served as a Photography School instructor at the Naval Air Station, Pensacola, Fla. Chief Bruce's family includes his wife, Beverly Ann, who is an ex-Navy photographer, and two sons, Sean, 13, and Cameron, 10.

Used Book Sale Set Saturday At Bennington Plaza

A used book sale, an annual fundraising project of the Murray School Music Parents Club, will be held on Saturday, from 9 a.m. to 5 p.m. in front of the Shopping Bag Market.

Purpose of the book sale is to raise money for scholarships that will enable deserving music students to attend Arrowhead Music Camp in the San Bernardino Mountains for two weeks of concentrated study during the summer.

Donations of books for the sale are still being accepted. Such contributions can be left with Jean Bachman, 513 Kearsarge Ave., China Lake; with Filomena Leon, 312 Toro St., Desert Park, or at the Murray School Band Hut.

In addition, arrangements to have books for the sale picked up can be made by calling Mrs. Leon at 375-7778.

Flag Stolen From Home Of Ex-Navy Chief

A candidate for the meanest thief at China Lake is the person (or persons) who stole an American flag from in front of the home of A. J. Spencer, a retired U.S. Navy chief, who lives at 306-A McIntyre St.

"I noticed it missing on Feb. 15 when I came home from a Fleet Reserve Association meeting," said Spencer. The ex-chief, who is an employee of Code 5568, had been flying the flag at half-mast for former Presidents L. B. Johnson and Harry S. Truman.

"I wouldn't mind half as much if the thieves had taken something else, but stealing a flag really burns me up," Spencer said.

Spencer theorizes that perhaps a child might have taken the flag for a plaything.

Money Allocated by United Fund . . .

(Continued from Page 1)

Desert Counseling Clinic, \$9,200; Girl Scouts, \$4,500; Help Line, \$1,400.

Homemaker Service of Indian Wells Valley, \$400; Ridgecrest Community Hospital Indigent Patients Fund, \$5; China Lake Mountain Rescue Group, \$1,173; One to One, \$100; IWV Council for Retarded Children, \$5,277; Salvation Army, \$6,028; Travelers' Aid, \$150; United Service Organization (USO), \$201, and Winners' Circle, \$785.

As recommended by the budget committee, the full amounts designated by United Fund supporters were allocated to the Children's Hospital of Los Angeles and to the China Lake Mountain Rescue Group.

In the case of the latter agency, however, since its budget request had totalled just \$250, it is anticipated that a good share of the funds designated to it will be

Course Offered In Navy Project Management

Enrollment is now open for a two-week course in Navy project management that will be conducted at the Training Center, Monday through Friday from 8 a.m. to noon, during the period from March 19 through 30.

The course, which will be taught by James Coulson and Ronald Code of Harbridge House, Inc., will be slanted in content toward Naval Weapon Center projects.

Topics to be covered will include information on methods of procurement and types of contracts, human skills of an effective manager, cost control financial management, and recent changes in Department of Defense and Navy policy affecting project management.

Those interested in enrolling in this course should submit NWC Enrollment Form 12410-28 via department channels in order to reach Code 654 no later than March 9.



RETURNS FOR VISIT — Gerald Makepeace, formerly head of the old Propellants and Explosives Department, returned last week with his assistant, Ray Thorkildsen (on right) for a general briefing on exploratory development work being conducted within the NWC Fuze Department on radar sensors and active and passive optical sensors. Makepeace, who is now the assistant director for engineering technology with the Office of the Deputy Director (Research and Advance Technology) in Washington, D.C., also met with representatives from other NWC departments for briefings and an updating of information on various other projects being worked on here.

returned later in the year to the United Fund—once the busy summer season (when emergencies and rescue work are generally at their peak) is past.

While actual designations earmarked for One to One, a program of adult help for young boys and girls, totalled \$219, since this, too, was more than the agency needed, \$119 of this was returned to the United Fund board for use in helping to meet the needs of other agencies that are less well funded.

The budget committee also recommended, and the board as a whole agreed, to allocate the full amount of their budget request to two new agencies—Help Line and Homemakers Service—in order to help them in their efforts to get started.

In the case of Winners' Circle, another new agency, it was decided (for the present) to send along just the \$785 that was designated and hold up on supporting this agency's full request of \$3,275 until further information has been supplied to the board regarding the operation of this resident facility in Bakersfield for Kern County youths involved in drug abuse, alcohol or serious family problems.

New Training Class in Motorcycle Safety To Get Under Way Saturday

Training classes in motorcycle safety will begin Saturday at 9 a.m. at the NWC Safety Department's Driver Training Building.

These classes are being sponsored by the China Lake Community Council with the assistance of volunteers. Two local motorcycle clubs—the Sandblasters and the Gypsy Wheels—will provide instructors for the actual riding experience.

Mrs. Billie Hise, of the Safety Department, delivers the classroom lectures and will show films.

Participants are permitted to continue attending the classes until they feel confident in the handling of a motorcycle, but generally a



NEW PTA LIFE MEMBERS — Charlotte DeMarco, left, and Mari Cruise, right, were recipients of life memberships for a layman and an educator, respectively, presented by the China Lake PTA during the East Kern County Council Founder's Day meeting, held Feb. 20 at Las Flores School. Yolanda Casados, Founder's Day chairman from the China Lake PTA, presented the awards. The presentations were preceded by a spaghetti dinner and there was entertainment provided by pupils of Ridgecrest Heights, Murray Annex, Las Flores and James Monroe Schools. The life membership awards, which highlighted the evening's program, followed a brief business meeting. In addition to the China Lake PTA, other Parent-Teacher Associations present at the Founder's Day meeting were from Randsburg, Burroughs High School, the East Kern County Council, and Ridgecrest. Each of these organizations also presented life memberships to an educator and layman from their respective areas. —Photo by PHI D. C. Manderscheid

total of four 3-hour sessions combining films, lectures and practical instruction, along with practice on a motorcycle, are adequate.

Previous experience by the student may determine the length of the course for the individual.

Both Ridgecrest Honda and B&B Cycle Shop have made motorcycles available for students without a machine, and the Buco Helmet Co. provides helmets for those in the classes who do not have their own protective head gear.

Each student will be given a waiver form at the first class which must be signed before he will be allowed to ride a motorcycle during class sessions. The signatures of both parents on the waiver form is required in the case of minors. Adults may sign their own waiver form.

A spokesman for the Safety Department points out that inexperience on a motorcycle is still the cause of many accidents and that riders can benefit themselves by getting the

No Passing Zone To Be Marked On Sandquist Rd.

By the end of this week, weather permitting, personnel using Sandquist Road going to the Naval Air Facility will notice changes.

Because of the increase in traffic, and to guard the safety of personnel using Sandquist Road, the road from the curve to the NAF gate will be made a "No Passing Zone."

It will be painted with double lines to indicate no passing, and signs will be posted as well as a warning for the unwary driver. An attempt is being made to reroute slower moving vehicles.

This striping was decided upon after several near miss incidents were reported.

assistance of more experienced cyclists.

Further information about the motorcycles safety class can be obtained by calling ext. 2367.

Film Slated On Future Role Of Electrical Power

Dave Henderson, district manager of the Southern California Edison office in Ridgecrest, will narrate a film entitled "Joey's World," at the next meeting of the



Dave Henderson
Institute of Electrical and Electronics Engineers (IEEE).

The meeting will be held on Monday, Feb. 26, at the Commissioned Officers' Mess, beginning at 11:30 a.m.

The 23 minute film shows the past, present and future methods of generating electrical power. The movie also discusses the role of electricity in meeting the environmental demands of society, as well as the relationship of fossil fuels, nuclear energy and the energy crisis.

Visitors are welcome to attend.

NWC Home of Top Mountain Rescue Group

When an airplane's missing, or has crashed in an inaccessible location, or a child has wandered away from a campsite, or a hiker is overdue from a trip, or someone has fallen from a mountain and lies injured on a ledge high above the valley floor, or a car has crashed down a cliff — a call goes out for help . . . and it is answered by members of a voluntary life-saving organization known as the China Lake Mountain Rescue Group.

Most of the members are employees of the Naval Weapons Center at China Lake, where they work as engineers, scientists, physicists, administrators, firemen, personnelmen, artists and the like.

In addition, their wives, for the most part, are members of the support group and take an active part in communications, feeding, preparation and travel during an operation.

The CLMRG was formed in 1958 when the Inyo County Sheriff approached Dr. Carl Heller, a well-known mountain climber employed at the Naval Weapons Center (then called the Naval Ordnance Test Station), and asked to be taught how to climb mountains to effect a rescue.

"I thought at the time what an impossible task that would be, teaching him something that takes years to learn," said Dr. Heller. "So, I volunteered my services and those of a few other climbers who I knew to be professional enough to help."

That was the beginning. The CLMRG has grown from the original six men to 42 members. Since its formation, the group has participated in more than 45 successful rescue operations and hundreds of searches and other emergency-type operations.

For example, in 1971, the group performed 24 different operations, putting in an aggregate total of 3,390 man-hours. The CLMRG took part in 10 searches, five rescues (or recoveries of dead bodies), two transits and seven alerts.

The searches took place geographically from the San Bernardino Mountains to the Adirondack Mountains, in New York State. Five CLMRG members logged 987 man-hours searching for an eight-year-old boy in the Adirondacks. He was not found.

On another search, in 1971, a 14-year-old boy was found alive in the Tulare County section of the Kern River Canyon.

In addition, the organization was on alert for emergency situations in Hawaii and Mexico during 1971.

Currently, the group works with the Kern County Sheriff, the American Red Cross, Indian Wells Valley Civil Defense, the Naval Air Facility, and the China Lake Police, and coordinate their activities with other mountain rescue units or Sheriff's Departments, or with another rescue group in operation locally, the Indian Wells Valley Search and Rescue Team.

They are prepared to go into high altitudes, through ice and snow to rescue the lost or injured, or to downed aircraft—both civilian and military.

Eight men on the roster are highly skilled climbers—called technical climbers. These men have the ability and technical know-how to scale any peak in the world in order to effect a rescue, when backed by the entire

organization. They are Dr. Heller, Arnold Green, Bill Strong, Dennis Burge, Nick Botka, Bob Westbrook, Lee Lucas and Robert Joy.

These men have put in thousands of hours climbing, perfecting old techniques, learning new ones, and improvising techniques of their own.

The CLMRG sponsors weekend climbs, which are, in effect, training weekends, wherein members become familiar with certain areas, learn how to use climbing gear, stay in shape and develop new skills.

Almost since its inception, the group has received excellent support from the Naval Weapons Center and the Naval Air Facility. Helicopters are made available to the group and experienced pilots aid in rescue or search missions. On one of the successful missions in 1971, an NAF helicopter was used to rescue two stranded mountain climbers from the face of Mt. Whitney, the highest peak in California and the second highest peak in North America.

The China Lake Mountain Rescue Group will celebrate its 15th anniversary on Monday at the Commissioned Officers' Mess, with a dinner and program that will feature Charles Dodge, Sheriff of Kern County, as the principal speaker.

A Navy helicopter and crew was utilized in the rescue of two survivors of the famous "White Knight" airplane disaster in 1968. While flying a private aircraft in the Sierra Mountains, the pilot (the man who was the White Knight in a soap commercial on television during the two years preceding the



A SAD DUTY — CLMRG members lower the body of a woman climber who fell to her death in the Sierras in 1970. This is the frustrating part of rescue work, and more than 50 per cent of all of the CLMRG operations end in recovering the bodies of victims.



ARMED FORCES DAY DISPLAY — All members of the rescue group are trained in the American Red Cross lifesaving techniques, and here they display to the public some of the equipment and skills necessary for the successful completion of a rescue mission. Members of the voluntary organization must purchase all of their own equipment and take courses and classes to learn the best possible way to use this gear.



DIVERSIFIED ABILITIES — The China Lake Mountain Rescue Group is fortunate to have members who are skilled in all aspects of climbing — rock, mountain and snow and ice. Here, members are shown on their way up the north fork of Lone Pine Creek, toward the face of Mt. Whitney, to successfully rescue a boy suffering from altitude sickness at the 12,000 ft. level. The rescue group was barely in the nick of time, as was the helicopter, which got him to the doctor quickly enough to save his life.



TEAMWORK—A NAF helicopter lies waiting to take the body of a climber who fell on the southeast ridge of Owens Peak. The Naval Air Facility and the rescue team often work together to effect rescues and recoveries, and this teamwork has resulted in a highly successful, smooth operation.



WHAT ITS ALL ABOUT—A father embraces his son after the youth was snatched from the jaws of death on the face of Mt. Whitney where he was stranded due to a lack of technical skill in rock climbing.