

Tenth Year

Entries Open for Local Artists In Kern County Art Festival

Amateur and professional artists in both youth and adult categories are invited to enter exhibits in the annual Kern County Art Festival sponsored by the Kern County Parks and Recreation Department.

This will be the tenth annual County art competition designed to encourage participation in and give recognition to meritorious art work done by Kern County artists.

Entries will be separated in divisions for adults, high school students, and elementary school age youths in both realistic and abstract classifications.

Professional artists will be provided a gallery in a competitive exhibit for any media of art work in the county finals only.

Non-professional artists may submit oils, watercolors, or other media and obtain application blanks from Lorraine McClung, 101-A Fowler,

Europeans...

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Army; Capt. Albert Malandain, Navy; and Capt. Jean Peyrat, Navy.

Civilian industrial experts representing the French government were: Roger Chevalier, Henri Denamur, Jacques Leroy, Bernard de Creniers, Robert LaBarre, Joseph Guignon, Pierre Bouvier, Rene Lambrouck, Rene Wirth, Jean Dilly, and Claude Libois.

Netherlands military representatives were: Maj. Gen. Willy J. Reynierse, AF; Lt. Col. G. J. Schot, AF; Lt. Col. C. C. Vogel, Navy; Maj. Hoyte Van Hoytema, Army.

The visit of the French-Netherlands group stemmed from a U. S. announcement at the North Atlantic Council meeting in December, 1956, that the United States is prepared to assist NATO countries in improving their capabilities to develop and produce certain types of military equipment needed to make their forces more effective.

The initial visit to the U. S. under this offer was made during September and October, 1957, by an Italian technical team. These tours are undertaken by the country concerned at its own expense.

The Department of the Army has been designated Executive Agent for the tour.

AEC Lecturer...

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continue splitting through a chain reaction process.

He further demonstrated the operation and uses of an atomic reactor. Through the use of uranium fuel a graphite moderator used to slow down the neutrons, and a concrete or lead shield for protection, atomic energy can be harnessed to produce electricity and heat.

The potential value was illustrated by stating that two and a half pounds of radium powered the atomic submarine Nautilus for 62,000 miles.

For science students the assembly served as a review of classroom theories, and for others, it clearly defined this atomic world in which we live—predicting the world which is to come.

Volunteers Take RC Home Service Class

Twelve volunteer workers completed a Red Cross Home Service course last week conducted locally by Ruth Rundstrom, Home Service Director for Kern County.

Volunteer workers who completed the 20-hour course were: Mimi Boss, Virginia Beresford, Carmen Engram, Peggy Gunther, Regina Hibbs, Jean Hopfinger, Edna Park, Biddy Rushlow, Lola Runchey, Jane Shea, Jean Vincent, and Mary Frances Wright.

Major Services One of the major Red Cross services rendered locally is that of the Home Service group. During the last six months of 1957, this group handled 90 new cases and attended to 57 old cases.

Six cases received assistance in obtaining compensation or government benefits and five cases received counseling services. Miscellaneous services were extended to 49 other cases.

During this time, \$1155 was paid for transportation, \$297 was paid for maintenance, and \$152.91 went for telephone and telegrams. Approximately 23 workers gave 3,316 hours of their time.

New Class Starts Persons interested in serving in this unit should call Mrs. G. H. Carrithers, Ext. 73403, or Mrs. F. A. Chenault, Ext. 72208, to make arrangements to enter the next Home Service instruction course scheduled for some time in March.

Art medias in this group will be water color; other media, black and white; and other media, color.

Application blanks and pamphlets may be obtained from the Station Library and Burroughs School Library.



NAVY WIVES INSTALL—New directors of the China Lake Navy Wives Club are installed at ceremonies in the Anchorage. Shown, front center, are: Violet Olson, president; and Beatrice Steele, vice-president.

Navy Wives Club Installs New Board

The Navy Wives Club of China Lake held their installation of officers in the Anchorage on January 22 with past chaplain, Betty Fenstermacher, officiating as installing officer.

New officers installed were: Violet Olson, president; Beatrice Steele, vice-president; Barbara Stevens, corresponding secretary; Betty Appier, secretary; Gloria Hubert, parliamentarian; Pat Gerke, chaplain; and Mickie Wight, public relations.

The local unit is part of a national organization with clubs in foreign countries with a total of 80 clubs.

Some of the advantages of membership in the Navy Wives Club of America are the companionship of others with the same interests; making and renewing of old friendships; and the pleasures derived from doing for others less fortunate.

Welfare work is carried on through proceeds from cake sales, pot luck suppers, etc.

The local unit meets on the first and third Monday of each month at 7:30 p.m. in the Navy Wives Clubhouse adjacent to the Greyhound Bus Depot.

School Program On Bicycle Safety Now Underway

The classroom training portion of the bicycle safety program is under way in the elementary schools at China Lake. The schools, PTA Safety Committee members and Security Police officers have been responsible for the organization of the school bicycle safety program.

Grant Pinney, principal of Vieweg School and school coordinator of the program, stated that road test courses on which young riders will be tested, will be located at Richmond Elementary School.

Purpose of the bicycle safety program is to reduce bicycle accidents and injuries by training boys and girls in safe riding habits.

Each rider who signs up for the program is given a written classroom test on rules of the road and an actual riding test on the testing course. The operating condition of bicycles will be checked by the men in charge of testing.

Road tests will be given on the following Saturday mornings from 9 a.m. to 11:30 a.m.: February 8, third grades; February 15, fourth grades; February 22, fifth grades; March 1, sixth grades; March 8, third and fourth grades; March 15, fifth and sixth grades; March 22, all grades.

Riders who demonstrate that they can ride safely and expertly, and know and observe traffic regulations, are awarded an operator's certificate, endorsed by their school principal, Lt. Wright and the Security Police officer.

Parents are needed to volunteer for a Saturday morning to assist the committee in inspecting bicycles and giving driver tests.

ROCKETEER

NOTS Eyes Explorer on First Go-Round

European Experts Study NOTS Work

A combined French-Netherlands team of 29 technical military and industrial experts visited the Station last Friday to study military equipment production and to observe testing facilities.

Arriving by plane at the Naval Air Facility Friday morning, they were greeted by Captain W. W. Hollister, Station Commander, and other Station military and civilian personnel.

The visitors were driven to Michelson Laboratory where they viewed two films. One film, titled "An Introduction to Sidewinder," was presented with Dr. F. W. Cartwright, Head, Air-to-Air Weapons Division, acting as moderator.

A second film, titled "The Marine Corps Medium Antiaircraft Weapons System (Terrier)" was shown with Major B. A. Rushlow, USMC, Commanding Officer of the Marine Guided Missile Test Unit, making the introductory comments.

Following the film showings, the visitors were conducted on a tour of the Marine Corps Terrier Missile Firing Facility by Captain J. H. Miller, where they witnessed a Terrier missile loading demonstration.

After lunch, the group was transported to Tower Nine on G-1 Range to witness Terrier and Sidewinder firings. W. E. Vore, Head of Project Engineering Division in Test Department briefed the visitors on the various firings as they took place.

Following the firing demonstrations, the group returned to Michelson Laboratory to hear A. C. Billings, Head, Product and Production Engineering, enumerate the problems encountered in the production of Sidewinder. The group's visit is under the auspices of our Government for assistance in the feasibility of producing such equipment as they saw demonstrated here.

Prior to their departure from NAF, the visitors witnessed a Sidewinder assembly and loading demonstration by personnel of Guided Missile Unit No. 61, Cdr. S. N. May kept the visitors informed of each step in the demonstration with a running commentary.

Military personnel serving as representatives of the French Ministry of Defense during the tour were: Brig. Gen. Gaston Fournier, AF; Col. Ernest Dugit-Gros, AF; Col. Maurice Poly, AF; Maj. Jacques Haas, AF; Maj. Ives Caumarlin, Army; Maj. George Wenisch, Army; Maj. George Wenisch, Army.

Community Council Reports on Meeting

Dr. and Mrs. T. W. Milburn, staunch supporters of the Desert Area Family Service Agency at China Lake, were guest speakers at the last meeting of the Community Council on January 28.

In his discussion of the functions of the Family Service Agency, Dr. Milburn stressed its vital need for adequate office facilities and financial support to continue serving the family problems and mental health cases in the community.

As a result, the Council agreed on the desirability of conducting an open meeting in the near future to inform the people in the area on the function of the Agency's mental health service.

The Council also reviewed the recent dispute over civilian use of the Navy Commissary and Exchange privileges. It was generally agreed that both China Lake and Ridgecrest residents would benefit from a deeper realization of their complementary interests and mutual dependency.



PRESIDENTIAL CITATION—Dr. Wm. B. McLean, D. Eisenhower at the White House. The award, Station Technical Director, receives a special gold "among the first of its kind, is for "exceptionally meritorious civil service" to the government.



McLEAN FAMILY—Following the Presidential Award presentation, Dr. McLean, his wife, LaV, and their son, Donald, converse at the White House with RAdm. F. S. Withington, Chief of BuOrd.

AEC Lecturer Talks At Burroughs High

Truth can be stranger than science fiction, students at Burroughs High School learned last week when "This Atomic World" was discussed by Arthur Gray, representative of the Oak Ridge Institute of Nuclear Studies and the United States Atomic Energy Commission.

Lecturers are appearing at high school assemblies throughout the United States to explain peace-time uses of atomic power.

Burroughs was one of two schools in the Kern County School District to receive the program which was presented last Thursday in the Station Theatre.

Through the cooperation of Al Cannon of the district office, the sons and daughters of the men developing guided missiles at NOTS were able to see the results of some of their parents' work.

Desert Art League Directors Elected; Function Announced

Officers of the newly-formed Desert Art League were elected at its January 29 meeting. Programs are being planned to attract residents of Indian Wells Valley who share mutual art interests.

The Board of Directors consists of: Ed Fortier, President; Lorraine McClung, Vice-President; Hazel Porter, Secretary; Ed Hammerberg, Treasurer; Wendy Minnick, Program Chairman; Adeline Williams, Membership Chairman; and Jerome Katz, Publicity Chairman.

A need for organizing the League in the Indian Wells Valley was felt because of the large percentage of accomplished artists and patrons of the arts residing in the area.

Due to the isolation of this desert area, local artists are deprived of the contacts with prominent artists and viewing professional exhibits held in metropolitan areas.

Hi Fi Concert Slated Tonight

Variety is the keynote of the high fidelity tape recorded concert to be presented by the Valley Philharmonia Society tonight at 8:15 in the Station Chapel.

The program includes: Thunder and Lightning Polka by Johann Strauss, Jr.; Sylvia Ballet Suite by Delibes; Battle of the Huns by Liszt; Hungarian Rhapsodie No. 4 by Liszt; Russian Easter Overture by Rimsky Korsakov; The Skaters Waltz by Waldteufel; William Tell Overture by Rossini; and March Slave by Tchaikovsky.

Of particular interest to music lovers will be the last two numbers on the program which will be played stereophonically, utilizing two separately recorded sound tracks with two matched high fidelity amplifiers driving the ten-foot bass horns and the professional quality tweeters installed in the Chapel.

Marguerite Ledder has accepted the Society's invitation to return to the organ console inasmuch as she was handicapped by a technical failure during last month's concert.

Telemetering Group On All-Night Vigil

Personnel of the Station's Metric Electronics Branch were among the first in the nation to establish recorded data on the Army-launched "Explorer" satellite on its first pass around the world.

The minute signal radiated from the United States' first man-made satellite was received at NOTS Micro-lock station at 9:41 p.m. last Friday, as the baby-moon began its repeating 115.2-minute orbit.

The successful tracking of the "Explorer" was again a demonstration of NOTS team work, technical skills, enthusiasm, and energies displayed by individuals to complete a project.

Data recording of the "space traveler" at NOTS was made possible by the all out effort of personnel of the Electronic Systems Branch and the Metric Electronics Branch, both under the cognizance of the Test Department, headed by Dr. Ivan Highberg.

Personnel who maintained an almost all night vigil to transmit data via special radio links so others might make an accurate determination of the "Explorer's" orbit were: Norm Ronning, John Weber, Warren Hanne, Robert Marriam, George Kimball, and Don Stevenson.

Working against time to complete and test the extremely sensitive Caltech Jet Propulsion Laboratory designed Micro-lock receiving system, George Kimball and Norm Ronning won special plaudits for their efforts from fellow workers of the Electronic Systems Branch.

A delay in obtaining parts created an "Operation Sweatout" for all concerned prior to the known launching.

Particular consideration for completing the crash construction program was earned by Chuck Adams and Bob Fairfield of Metric Electronics Branch; and Ed Thibeau, Orville Wilson, Paul Payne and Harold Kimley of Electronic Systems Branch.

Metric Electronics Branch personnel at the Telemetering Pad recorded the "Explorer's" signals, then transmitted the data via special radio links to JPL in Pasadena, JPL, by correlating NOTS recorded data with that of the JPL station at Earth Quake Valley, near San Diego, and the JPL station in Sheriff's Sub-station at Temple City, were able to make an accurate determination of the "Explorer's" orbit.

A valuable assist to the successful tracking of "Explorer" was made by Warrant Officer D. N. (Continued on Page 2)

SecNav Accepts President's Safety Award for Navy

A release from the Secretary of the Navy, Thomas S. Gates, Jr., was received recently announcing the Navy's receipt of the President's Safety Award for 1957.

The message read: "I had the pleasure on January 8 of receiving for the Department of the Navy the President's Safety Award for 1957.

"This award presented in a White House ceremony was won by the Navy in competition with all Government agencies having over 50,000 employees. It was awarded for having the most outstanding record of performance and accomplishment in safety.

"My congratulations to all hands for your splendid work in this important field."

