Lee Van Cleef, Forrest Tucker

7:30 p.m.

group of friends, attempt to stop a murderou gang of outlaws from crossing the river into

Short: "Pink of Litter" (7 Min)

-MATINEE-

"A BOY TEN FT. TALL" (88 Min)

Edward G. Robinson

horts: "Magoo's Homecoming" (7 Min

'Hoofs and Goofs" (16 Min)

YOUTH CENTER CONCERT

8-11 p.m.

"SUPPOSE THEY GAVE A WAR

AND NOBODY CAME" (113 Min)

Tony Curtis, Ernest Borgnine

Brian Keith

(Comedy) This is the domestic war! The

military-community battle with Tony a

swinging soldier, Brian the ultra-officer and

Ernie the nasty red-neck sheriff who starts it

Short: "Music Mice Tro" (7 Min)

"HELLO DOLLY" (148 Min)

Barbara Streisand, Walter Mathau

7:30 p.m.

(Musical) The lilting all-time record breake

about an attractive widow who sets her sights,

aims some delightful tunes, and gets her man

"THE WALKING STICK" (91 Min)

David Hemmings, Samantha Eggar

7:30 p.m,

allows herself to be drawn into a love affair

with a local artist who plans only to use her in a

robbery. This is a masterful, poignant drama

Short: "Pacific Paradise" (14 Min)

exceptionally well done. (GP)

(Drama) Polio-crippled girl reluctantly

all by arresting Tony. (GP)

TUES and WED

THURS and FRI

21 NOVEMBER

22-23 NOVEMBER

24-25 NOVEMBER

26-27 NOVEMBER

(Western) Operator of a small river barge, a

### 'Man of La Mancha' Play of 'Illusions'

The Community Light Opera and Director. Theatre Association will produce "Man of La Mancha," Dale Wasserman's play which revolves around the theme of the ennobling qualities of ideals (whether or not they are attainable) on three separate weekends: November 20 and 21: November 27; and December 4 and 5.

The production will take place on the stage of the Murray School Auditorium at 8:15 p.m. on all five nights. Tickets, which are priced at \$2 for general admission and \$1 for students, may be purchased at The Gift Mart in Ridgecrest, The Station Pharmacy, from cast members, or at the door on the night of production.

La Mancha means "an empty, desert place." It also means "A place of the mind, of ideas." The play is about a man, Don Quixote, who believes that idea, ideal, imagination, and illusion - the things of the mind - are more important than mundane realities.

It is an original work that deals with a crucial few hours in the life of Miguel Cervantes, and merges the writer's spirit and identity with that of his fictional creation, Don Quixote.

The work was voted "Best Musical of 1966" and won the New York Drama Critics' Circle Award

Herb Childers will direct the local production of "La Mancha" for CLOTA. Childers last directed "Li'l Abner," also for CLOTA. Musical Director for the play is Paul Cochran, who performed production, "The Sound of Music."

Terry Stommer, Sue Stevens, Dan Mallory, Russ Parker, David Seeley, Bobby Malone, Mel Keith, Darlene Carson, Paul McCorkle, Richard Wilson, Lee Gilbert, Stan Hess, Danny Brown, and John Anderson.

HOLIDAY DECORATIONS TEA TIME-Oasis

Garden Club members preparing for their annual

Holiday Decorations Tea are: (I-r) Marianne

Kistler, Ann Lindberg, Marian Licwinko, Ada

Scarborough, and Wilma Herzog. The fea will be

Seen in the title role will be Wayne Carpenter, whose big bass voice has been heard in the lead roles of many local productions, including Carousel, Showboat, South Pacific, and Camelot.

Karen Diebold will play the dual role of Aldonza-Dulcinea. Chuck Wilcox, who performed the duties of Technical Director of "Sound of Music," will play Quixote's sidekick, Sancho Panza. Gerry Baker will play the Governor-Innkeeper, and Randy Carlson is the Duke and Dr. Carrasco. The Padre will be portrayed by Doug Smith and the Muleteers by Bruce Bolstad, Frank Pickett, Jim Diebold, John Anderson, with Pat Bolstad seen as Antonio. Linda

Editor's Note: Parents who plan to bring heir children to this presentation should keep in mind that the production doe contain a scene that deals with sexual violence, which could be considered a

Fischer is the Innkeeper's wife and the barber is portrayed by Bob Pinney. The animals - a horse and mule - are done by Ralph Vuono and John Hanne. Judo Vuono is seen as a Moorish dancer and Mary Ann Thomas plays The Housekeeper. Captain of the Inquisition is done by Neil Miro. The reason for the dual rules is

that the musical play is really a play within a play. Cervantes, on trial for an offense against the church, is threatened by his fellow prisoners with the loss of his nearly-completed manuscript the story of Don Quixote. Seeking those chores for CLOTA's last to save the manuscript, Cervantes offers a defense in the form of an For the first time, a large or- entertainment which will explain chestra will accompany the himself and his attitude towards singers on stage. The musicians for life. With the kangaroo court's teen United Colonies are to take the play will include: Al Hammer, permission, he then proceeds to tell care that divine services be per-Brenda Davis, Linda Mihonis, the tale of "The Man of La Man-, formed twice a day on board, and a

#### Chief's Party

Chief Petty Officer's Club, an- ship, wrote to naval authorities in Georgia Knutsen will perform annual Children's Christmas Party the ships Ranger and Bon Homme chaplains serving in the Civil War the chores of choreographer and to be held at the CPO on December Richard. Since then the Chaplain were officially given rank in 1863. Art Schaper is the Technical 19, will close November 24.



**GUEST ARTIST FOR NOVEMBER -- A one-man show of paintings** by Ida Davis is being sponsored by the Desert Art League this month at the Community Center. Mrs. Davis describes this work of art as "impressionistic with the use of collage." Although Mrs. Davis began painting seriously only four years ago, her highly interesting collection reveals an unusual ability in realistic landscapes, im--- Photo by PH3 Ronald G. Mills

### Chaplains' Birthday . . .

(Continued from Page 2)

The article reads: "The commanders of the ships of the Thirordinary accidents prevent."

John Paul Jones, recognizing the George Barnard, manager of the importance of chaplains aboard nounced that applications for the 1778 seeking to obtain chaplains for Naval officer uniforms, and Corps has contributed much to

held at the home of Mr. and Mrs. John Lamb, 1111

East Bowman Road, Ridgecrest, on Tuesday,

December 8 from 1 to 9 p.m. Tickets are available

from Mrs. William Gey or from any Oasis Garden Club member. -Photo by PH3 Anthony L. Curiale

The Naval Weapons Center's Liaison Office in Washington, D. C. has been moved, temporarily, to Room 1202, Jefferson Plaza No. 2 (same building). New telephone numbers are OX-2-8672-3-4-5.

creating a better way of life for all seafaring men. Flogging in the Navy was halted and various welfare and recreation programs came into being.

Chaplain Robert Thompson sermon preached on Sunday, corresponded with the Secretary of unless bad weather or other extra- the Navy in 1807, urging the establishment of a Naval Academy

In 1838, a General Order was issued to permit chaplains to wear

Chaplain John B. Frazier was appointed the first Chief of Chaplains in 1917.

Today, the Navy Chaplain Corps is headed by RAdm. Francis L. Garrett, who recently became the thirteenth Chief of Chaplains. A veteran of 26 years of continuous Chuck Shonneg, formerly with service as a Navy Chaplain, Janis Joplin; and Carl Siderman, RAdm. Garrett is an ordained minister of the United Methodist Church.

**Youth Center** Sponsors **Live Concert** "Steam," a popular East Coast

group, will play for a Thanksgiving Concert at the NWC Center Theater November 21, beginning at 8 p.m. Also on the bill will be the "Gene Redding Group," known as Funk.

Steam recently hit the top of the rock charts with their recording "Sha-Na Na Na-Hey Hey Hey" and recently appeared at the famed Woodstock Rock Festival.

The Gene Redding Group includes many famous performers principally: Drake Levin, formerly with Paul Revere and the Raiders; Jimmy McGee, formerly with Little Richard; Joe Pollard, formerly with Spiral Staircase; who was with Southern Comfort.

This group recently returned from the "Sky River" Rock Festival held in Portland, Oregon. In addition, local groups will play during the concert. The concert is sponsored by the China Lake Youth Center.

Tickets are priced at \$2.50 for those purchasing advanced admission tickets, or \$3.50 at the door. There is no age limit.

m	PLACE STAMP HERE



Vol. XXIV No. 45

Naval Weapons Center, China Lake, California

## Capt. Allan E. May New **NWC Deputy Commander**



CHECK A POINT-RAdm. W. J. Moran, NWC Commander, and Capt. Allan E. May, newly arrived NWC Deputy Commander, check a point of reference in RAdm. Moran's office. Capt. May's previous tour of duty was as Commander, Oceanographic System, Atlantic

## **Z-Gram Affirms New CNO Policy**

Admiral E. R. Zumwalt, Jr., his own position regarding con-Chief of Naval Operations, has temporary clothing styles, Adm. ordered an end to a long list of irritating policies in what has been called his most revolutionary Z-Gram yet, Z-Gram 57.

Z-Grams are messages written personally by Adm. Zumwalt, and are given that name to point out their singularity from regular All Hands Messages.

In Z-Gram 57, the CNO states



ADM. E. R. ZUMWALT, JR. that ". . . the worth and personal dignity of the individual must be forcefully reaffirmed," and lists some of the steps he considers necessary to reach that goal.

Some of the goals listed by Adm. Zumwalt include:

1) Expanding on the "hair" policy of his predecessor, Adm. Thomas H. Moorer, and restating

abrogated in any way because they choose to grow sideburns or neatly combat. mustaches or sideburns.'

regulation which prohibits the Geology," he said, "which is wearing of clean, neat working associated with Physics. The uniforms or dungarees to and from research included a study of work, directing that such longshore currents and breaker regulations be suspended "for the ones," he explained, "and was convenience of all concerned." generally oriented toward am-

working uniforms, dungarees and Capt. May feels that the emfacilities. No one, the CNO states, to," he said. the "improper" uniform so long as as Commander of the good condition.

4) Where similar restrictions of 13 Navy facilities from Iceland apply to dependents, base com- to Barbados," he said, "and each manders are told to adopt had problems individual to their regulations "consistent with area. In some ways," he went on, current fashions."

5) He discontinues the practice of similar to those which might be (Continued on Page 7)

#### **Former Command** Oceanographic **Atlantic System**

Captain Allan Edouard May, who assumed the duties of Deputy Commander at NWC November 3. brings a long and varied career in the U.S. Navy to his new position.

The Pasadena, California native is a graduate of the U.S. Naval Academy (in 1942) and has spent more than 10 years at sea aboard submarines, five of those years as a Commanding Officer. In addition, Capt. May has served as Head, Enlisted Schools for the Bureau of Naval Personnel: Commander of Submarine Division 21; Director PCO Training and Advanced Tactics at the Submarine School; Assistant Chief of Staff for Logistics as a member of the staff, Commander Submarine Force Pacific; Commander, Submarine Squadron Three; and as Commander, Oceanographic System, Atlantic.

The new Deputy Commander was born in Pasadena, California, the son of Carl L. and Violet May. He graduated from high school in Pasadena and entered Pasadena Junior College before deciding on a Navy career.

After graduation from the Academy he reported to the USS New Orleans and participated in the initial invasion of the Solomon

In June, 1943, Capt. May entered Officer Submarine School and embarked on a long undersea Zumwalt says: "I will not coun- career with his first assignment to tenance the rights or privileges of the USS Snook. While serving on any officers or enlisted men being the Snook, he earned the Silver Star for action performed during

trimmed beards or mustaches or Following service aboard two because preferences in neat other submarines: the USS Gurclothing styles are at variance with nard and the USS Queenfish, and a the taste of their seniors. Nor will I tour as a staff member of SUBDIV countenance any personnel being 51, Capt. May entered Scripp's in any way penalized during the Institute of Oceanography, where time they are growing beards, he earned a MS degree in

2) He rules against any "My research was in Submarine 3) He says that, Navywide, phibious warfare."

flight suits are authorized in phasis in Oceanography is shifting commissaries, exchanges, snack in these modern times. "Ecology bars, dispensaries, disbursing figures more prominently in offices and other service-type Oceanography now than it used

will be denied entrance for being in He recalled his last tour of duty, those worn are clean, neat and in Oceanographic System, U.S. Atlantic Fleet. "I was in command "the problems which arose were

(Continued on Page 7)



Thriff Shop which is operated by WACOM, presents WACOM's gift for the Combined Federal Campaign--a check in the amount of \$650,-to Frank MacDonald, publicity chairman of CFC. WACOM, whose 1970 gift tops their 1969 gift of \$500., requests their gift be used for Indian Wells Valley fund participants.

### **Moon Crater Named For Dr. Albert Michelson**

Dr. Albert A. Michelson, the first Massachusetts, adopted the Physics, has been honored again in names. seen from the earth.

the man who gave the Michelson nomenclature essential. Memorial Address at the

Laboratory in 1948. the November, 1970, Sky and the addition of persons associated Telescope) would have been with rocketry and spaceflight. The when the IAU at Cambridge,

American to win the Nobel Prize in present system of front-side

a significant manner. A crater on However, with the advent of the the far side of the moon has been space programs in Russia and the named for him by the International United States, scientists soon Astronomical Union, the group learned of the craters on the farresponsible for the naming of more side, and in 1961 at Berkeley, than 500 crater's which cannot be California, the IAU approved 18 far-side designations proposed by In addition, three other Soviet astronomers from Lunik-3 prominent men of science whose photographs. These included such names have been linked with the now well-known craters as

Naval Weapons Center, have been Tsiolkovsky and Giordano Bruno. so honored, including: Dr. C. T. By 1967, photographs from the Elvey, a former Head of Staff at Zond and Orbiter satellites per-NOTS; Dr. C. C. Lauritsen, a mitted the preparation of fairly leader in the founding of NOTS; detailed far-side maps by Soviet and Dr. R. A. Millikan, a former and American scientists, and made colleague of Dr. Michelson's and an internationally recognized

Several guidelines were chosen Dedication of the Michelson for the naming of the craters by the IAU. As on the front side of the The need for any such nomen- moon, craters were to be named clature (according to an article in after famous scientists, but with dismissed as fantasy back in 1932, list was to be thoroughly in-

(Continued on Page 7)



GEM SHOW EXHIBIT-More than 1600 people visited the Indian Wells Valley Gem and Mineral show that was held this weekend at the Community Center. One of the many displays included this exhibit by the High Desert Bottle Hunters Club. For more information regarding the event, see page 3.

On Saturday November 28, 1970, Navy Chaplains will observe the Through the Personal Response 195th anniversary of the Navy program chaplains were suc-Chaplain Corps. Thousands of cessful in establishing trust, Navy, Marine, and Coast Guard respect, and understanding betpersonnel and their families who ween Americans and Vietnamese are served by Navy chaplains will civilians. pause and reflect on the mission and meaning of the Navy continually take an active part in

Approximately 1000 chaplains are on active duty in the Navy and various other charitable today, serving at Naval, Marine organizations in ports-of-call. and Coast Guard installations at Working with missionaries and home and abroad, and also aboard civilian religious leaders in these hundreds of ships.

have served in Vietnam and have the American sailors. During their distinguished themselves in heroic free time in foreign ports they and humanitarian action. An work to promote good will and additional 200 chaplains have understanding through significant served aboard ships deployed to projects that enhance the physical Southeast Asia. "Holy Helo Hops" - and spiritual well-being of the local Navy jargon for helicopter tran-population. sportation for chaplains - make chaplains available to conduct worship services aboard the chaplains have worked tirelessly to smaller ships which are not nor- promote good will and unmally served by their own derstanding between men and chaplain.

The Navy chaplaincy is a within the military service and in specialized ministry focussing significant community relations. upon young people. Eighty percent The need for harmonious inof the total military population is terpersonal relationships and between 18-30 years of age. In order to meet the spiritual needs of that guide chaplains in their this youthful population, chaplains personal counseling, group work, have been in the forefront in employing innovative techniques to make religion significant and relevant. Thus, beside the traditional divine services, America. The chaplains are fully chaplains have been successful in qualified clergymen equipped to communicating their spiritual message through the use of small group discussions and seminars, dialogues, folk masses, modern proaches.

**Humanitarian Efforts** Wherever they are assigned, Navy chaplains participate actively in humanitarian work. In Vietnam, chaplains of the Fleet Lutheran, and Episcopalian. Marine Force distributed food, clothing, sewing material, toys, and teaching aids to institutions such as hospitals, schools, and orphanages. They took an active the second article of Navy role in participating in medical care programs in villages and involved themselves in rendering assistance to large numbers of

Chaplains assigned to ships

establishing good community relations with schools, orphanages foreign countries, chaplains More than 650 Navy Chaplains organize working parties among **Human Relations** 

> In the area of human relations women of various races, both equal opportunity are principles as well as their sermons.

Navy chaplains come from 47 denominations which include 94 per cent of the total population in convey the ministry of their respective churches to personnel of the armed forces.

Of the 1000 active-duty Navy liturgies, and visual aids, to name chaplain, eight are Jewish, about just a few of the modern ap- 280 are Roman Catholic, four are Eastern Orthodox, and the remainder are Protestant. The five major Protestant denominations represented are Baptist, Methodist, Presbyterian,

> Old as Navy The Navy Chaplain Corps History is as old as the Navy itself. The Continental Congress adopted Regulations on Nov. 28, 1775, which provided for divine services aboard ships of the 13 colonies.

(Continued on Page 8)

DIVINE

Protestant (All-Faith Chapel)-

Morning Worship-10:00 a.m.

The Rocketeer China Lake, California RAdm. W. J. Moran, USN

**NWC Commander** Technical Director

K. H. Robinson

William P. Valenteen,

Jack C. Lindsey

Lucille Edwards Editorial Assistant PHCS C. E. Bruce. PH2 Delmar E. Hart

PH3 Anthony Curiale, PH3 Ronald G. Mills. Staff Photographers

DEADLINES:

. 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 in nce with NavExos P-35, revised July

... 3354, 3355, 2347

1958. Office at Nimitz and Lauritsen-

Roman Catholic (All-Faith Chapel)-Holy Mass-5:00 p.m., Saturday (Fulfills

Sunday School—8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located

Sunday obligation); 7, 8:30 and 11:15 a.m. Daily Mass-11:30 a.m. in Blessed Sacrament Chapel. First Saturday, 8:30 a.m.

Confessions-4 to 5 p.m. Saturday, and 8 to

NWC Jewish Services (East Wing All-Faith Chapel)-8 p.m. every first and third

first and third Saturday. Unitarian Fellowship-(Chapel Annex 95, 95 King Ave.)-Sundays, 7:30 p.m.

Sabbath School-10 a.m. to noon, every

**PROMOTIONAL OPPORTUNITIES** 

ROCKETEER

Employees are encouraged to apply for the positions listed below. Current applications (SF-171) or Standard Form 58 bringing your work history up-to date should be forwarded as described below. The fact that positions are advertised here does not preclude the use of other means to fill these positions. Part of the ranking process of thos rated as basically qualified will be supervisory appraisal form that will be sent to the employees present and mos ecent previous supervisor. Selection shall be made without discrimination for any non-merit reason and withou favoritism based on personal relation ships or patronage.

Administrative Officer, GS-341-05, -07 or -09, located in the Security Department, Naval Weapons Center, China Lake, California. The ncumbent is Staff Assistant to the Head and Associate Head, Security Department. The incumbent provides staff support in conducting studies, analysis, and evaluations of department's organization, function, workload, budget, staffing, work Qualification Requirements: GS-05 level: 3 years general experience. GS-7 and -09 levels: 1 year experience at the next lower GS evel. Education can be substituted in accordance with X-118. Job Relevant Criteria: Experience in security administration

File applications for the above with Linda Grossman, Bldg. 34, Rm. 204, X-2925 - 2676. Clerk-Typist, GS-322-3 or 4, PD No. 7030130, Code 30102- This position is located in the Aircraft Gun Systems and Survivability Office, Code 30102. The incumbent provides typing and clerical services support to office angements and maintains records of itineraries. Procures supplies, equipment and maintenance services; receives and screens elephone and business callers. Minimum Qualifications: GS-3, 1 year experience; GS-4, 2 years experience as outlined in the CSC ndbook, X-118. Job Relevant Criteria: Tact, good judgement in dealing with people, nowledge of good grammar and typing practices. Advancement Potential: GS-4. File above applications with Beverly Saiger,

useman, WG-69007-05, JD No. 33, Code 2591-Performs a number of tasks in connection with the physical receipt, storage issue of supplies. Receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply stems, procedures and methods. Minimun Qualification Requirements: Requires taking a written test which will include questions designed to measure the competitor's aptitude the position. Experience as a warehouseman or in a related field is required. Contract Specialist, GS-1102-11,12, (2 acancies, Code 252—Oversees or ensures mpliance with terms of contracts and negotiates with contractors to resolve problems concerning obligations of either the Government or private concerns. Performs staff advisory work in establishing, analyzing, planning or reviewing procurement or con-Requirements: (1) 3 years general experience which provides a general knowledge of con tracting and procurement practices and procedures; (2) 3 years specialized experience

which includes: negotiating, awarding, adninistering, terminating contracts; preparing bid proposals or contracts; consulting with or advising business or government in the field of purchasing or contracting.

File applications for above with Naom Campbell, Bldg. 34, Rm 206, ext 3118. matician, Physicist, Engineer, GS-

1520, GS-1310 Or GS-800, GS-12 or 13, Code 4074- A senior analyst - programmer for airborne digital navigation and weapon delivery systems. Incumbent will program for both currently operational airborne digital weapons systems as well as for advanced digital systems under development. He will be involved with all aspects pertaining to the development of such real-time digital programs. Minimum Qualification
Requirements: General Experience: Bachelors degree or equivalent. Specialized Experience: In accordance with X118. Job Relevant Criteria and-or Selective Placemen Criteria: Extensive knowledge of and - or experience in real-time computer programming. Background in navigation and - or fire control systems desirable. Advancement Potential: GS-12 to GS-13.

File application for the above with Jun Chipp, Bldg. 34, Rm 204 ext 2676. Clerk-Typist, GS-322-3, Code 3508- This position is located in the A-7E A-C Systems Office, Electronic Systems Department, Types from rough draft or hand written copy all types of letters, charts, memoranda, etc. Answers telephones, receives visitors, arranges for travel for members of the branch, receives and sorts mail. Performs other clerical duties as required. Minimum Qualification Requirements: 1 year of general clerical experience. Advancement Potential: GS-4

Prasolowicz, Bldg 34, Room 206 ext. 2577.

File application for the above with Sue



Friday, November 20, 1970

CANDY SALE-Michelle Lindsey is but one of the many Camp Fire Girls who will be selling candy beginning November 20. The candy sales will help support the Camp Fire Girls program and will help the youngsters plan their activities for the coming year. All residents are asked to support the sale.



**NWC ENLISTED PERSONNEL MESS** Shrimp Cocktail

Turkey Noodle Soup ROAST YOUNG TOM TURKEY Oyster Dressing-Giblet Gravy Fluffy Whipped Potatoes

Buttered Fresh Corn

Crisp Saltines VIRGINIA BAKED HAM Pineapple and Raisin Sauce Candied Sweet Potatoes With Miniature Marshmallows

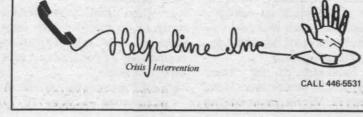
Waldorf Salad with Pineapple Dressing Chef Salad with Thousand Island Dressing Salad Bar-Salad Dressing-Relish Tray Brown n' Serve Rolls **Assorted Breads** 

Fruit Cake Assorted Ice Cream Assorted Candy Assorted Fresh Fruits Assorted Nuts Hot Coffee Iced Tea Chilled Fresh Milk Chilled Chocolate Milk The above menu will be available at the NWC Mess Hall on Thanksgiving Day, November 26, 1970 from 1 to 3:30 p.m.

All military, retired or active, and civilian guests and dependents are cordially invited to partake of Thanksgiving Dinner in the NWC General

Prices are as listed: enlisted military on commuted rations, active and retired, \$1.00. Officers and civilians, \$1.00 plus \$.50 surcharge. Children, \$.50 plus \$.25 surcharge.

All personnel are requested to make reservations. Tickets will be available at the Food Service Office, Building 851, Monday through Friday from 8 a.m. to 4 p.m., or phone 2240 or 2755.



#### **Moon Craters Assigned Names** Of Scientists

(Continued from Page 1) ternational, and was to include as many as possible of the 150 names proposed by Yu. N. Lipsky of Moscow in 1967.

The men who have just been placed on the other side of the moon are a varied lot indeed. Apart from mythical figures like Daedalus and Icarus, they range in time from the 4th Century B.C. (the Babylonian astronomer Kidinnu) to scientists who died in 1970 (C. T. Elvey and Sydney Chapman).

Men of NOTS

Dr. Michelson, who was recently elected to the Great Americans Hall of Fame, at New York University, won the Nobel Prize in 1907 for his work in physics. NWC's Michelson Laboratory complex was named after this great scientist" . . . as a daily reminder of the man who got his first training, did his first teaching of physics, and made his first measurements of the velocity of light, while in the United States Navy."

The naming of a crater for him adds one more star to his lustrous

**Early NOTS Scientist** 

Dr. C. T. Elvey came to the Naval Ordnance Test Station in 1945 with the group from Cal Tech. He first served as a physicist and Head of the Applied Research Division from 1945 to 1947, and from 1948 to 1950 was Deputy Head of the Research Department. In 1951 he was made Head of Staff. Dr. Elvey left NOTS in 1951 to become Head of the Geophysics Department and Director of the Geophysics Institute in Alaska. He died in 1970. Dr. Elvey's main research dealt with Light of the Night Sky.

Founder of NOTS

Dr. C. C. Lauritsen was the leader of the wartime rocket program of the California Institute of Technology group whose early test requirements led to the establishment of NOTS. Dr. Lauritsen was one (if not the only) American scientist to have an important role of leadership in the three main weapon development programs of World War II, namely for proximity fuzes, rockets, and the atomic bomb.

These three scientific programs were significant in shortening World War II. All three programs had a direct bearing on the early history of NOTS, but it was primarily Dr. Lauritsen's rocket activities which directly influenced the establishment of the Center and dictated the main course of early events here.

Michelson Colleague Dr. Robert A. Millikan, who for

25 years was a colleague of Dr. A. A. Michelson in the Physics Department at the University of Chicago, is the fourth man whose name is linked with NOTS to be honored by the IAU. Dr. Millikan and Professor A. A. Noyes collaborated with Dr. George E. Hale in establishing the present California Institute of Technology,

Dr. Millikan won the Nobel Prize in Physics in 1923, primarily for his "oil drop" experiments and work in connection with making the first exact photo-electric determination of light quantum. He died in 1953.



CHRISTMAS PARADE ENTRANTS- L-R, Pat Flood, NWC security guard, and Richard Cox, policeman, in the China Lake Police Division, will participate with other riders of the Gypsy Wheels Motorcycle Club in IWV's first annual Children's Christmas Parade November 28. The parade begins at 12 noon and the line-up will form at China Lake Blvd. and Graaf St. Anyone who has not had a response to their entry application should contact Mrs. Wardna Abernathy at 446-2272 as soon as possible.

## Oceanographer NWC **Deputy Commander**

to learn in his new position, and

that he "can use all the help I can

get, However," he added, "I'm

receiving help from every turn

from the people stationed

ferent," he smiled. "I have a whole

new jargon to learn. I've been

'underwater' for a long time, and

although the language in

Oceanography and Weaponry has

similar meanings, the words are

The new Deputy Commander

billet was established by the

authority of Assistant Secretary of

the Navy James D. Hittle (Man-

power and Reserve Affairs) to

assist the Commander, Naval

Weapons Center, in carrying out

his responsibilities. With the ad-

vent of Capt. May as Deputy

Commander, the old billet of

Executive Officer is abolished.

different."

"The language here is dif-

(Continued from Page 1) encountered at China Lake. 'Isolation, support problems,

things like that," he said. "My tour there was unique and fascinating," he recalled, a term which he also used to describe the

complex at China Lake. Capt. May was awarded the Legion of Merit for his work while

Capt. and Mrs. May, the former Jean Kathryn Vorce, of Pasadena, are "... delighted to be at China Lake. We're still snowed under from moving," he remarked, "but the wonderful people in this area have made us welcome."

The Mays have four children: Stephen, a Captain in the U.S. Army, currently serving his second tour of duty with the Americal Division in Vietnam; Melinda, a junior at San Diego State College; Laurie, a seventh grader at Murray School; and Ricky, a second grader at Richmond School.

"At first we worried about the two youngest children," he said. "They didn't want to leave their friends back East, and were quite sad about the move. However, they're already completely involved in the community, and Jean and I still haven't finished unpacking."

Capt. May stated that he has a lot

#### W - 2 Address Forms To Be With **Paychecks**

All civilian employees wil eceive with their paychecks today, November, 20, the address cards required for mailing the 1970 W-2 tax statements. Employees are requested to complete the card in every detail, although there may not have been a change in their address.

The cards must be returned to Code 1764 by December 9, 1970 the absolute deadline.

#### **CNO's Latest Z-Gram Reaffirms** Personal Dignity Of Individual (Continued from Page 1) present in extraordinary cirrequiring officers and men to shift cumstances, such as a govern-

ceremonial or special occasions or vironment. "by decision of the group of personnel involved."

6) He reserves "at least one room of every Naval officer, CPO and enlisted club" where informal and casual clothes, including sport shirts, will be permitted. And he enjoins clubs at naval air stations to "similarly permit flight suits in at least one room of each club."

7) Optional uniforms specified by area commanders are "optional to the individual and not to the local commands, except for special occasions such as inspections, where uniformity is required."

Policies on "visits"

8) When he visits fleet units. Adm. Zumwalt said he "does not wish to see fresh paint applied strictly because of my visit." Rather, he considers that rusted reflect "poor command discretion." No more of this for any senior officer visit, the Z-Gram rules.

9) He knocks out completely outof-area chits and sufficient-funds well as personal property passes and "walking chits" granting permission to be away from duty station. These "presuppose a generalized irresponsibility," he says, so they must go.

10) Motorcycles are to be allowed aboard all naval facilities under the same conditions as autos. They will be provided convenient parking areas. And, as long as the headgear meets safety standards, no cyclist should be barred from entering or be penalized because of the color of

**Overnight Liberty** 

11) Overnight liberty will be the "normal form of liberty for our responsible sailors" the CNO changed only by the senior officer past.

into the uniform of the day for the ment-imposed curfew or exevening meal, except for tremely unsatisfactory en-

> 12) Line handlers, refueling parties, topside watchstanders in bad weather, boat crews in heavy seas, and others "engaged in work which would unduly soil or damage such uniforms" should not have to wear whites or blues. Z-57 calls for a halt to such practices, except for the most unusual ceremonial oc-

13) According to Z-Gram 57, once in a while a command refuses to forward an individual's request to higher authority. They must send it forward, the directive states, though they may recommend disapproval for good reasons.

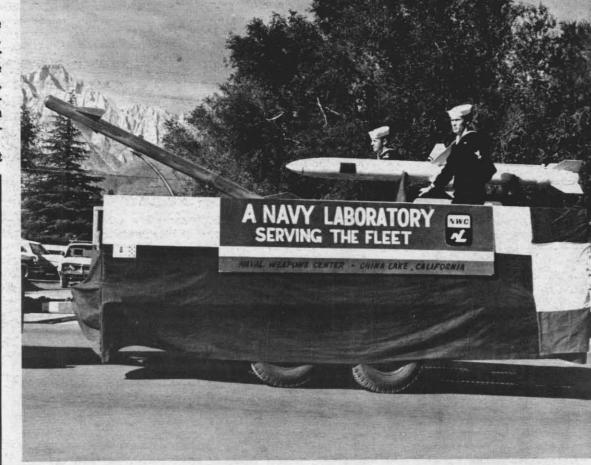
The Chief of Naval Operations says he's not suggesting a more lenient attitude toward irresponsible behavior, however, he feels general policies should not surfaces hastily painted over be dictated by the need to control the few who don't respond to trust and confidence.

Adm. Zumwalt recognizes that occasions arise when special protocol or other circumstances make it wise to stick to stricter certificates for leave or liberty, as standards of appearance and liberty regulations. In these cases, he advises, the senior officer present can deviate from the new policies.

On these occasions, the CNO asks that "all hands appreciate the necessity for, and to enthusiastically comply with, these special exceptions.'

A special permanent exception is made in the Z-Gram for midshipmen, officer candidates and recruits. They are in a special category to which many of the new policies do not apply and for which

special rules are being set up. However, even these men may have cause to rejoice. Though their hairstyles will be more controlled than those of the men in the fleet, it stated, not a privilege requiring a is understood that the traditional special request chit. This can be skinhead recruit is a thing of the



NWC ROLLING EXHIBIT—Participating in the recent Patriotism parade that was conducted in Lone Pine was a float built by the Presentations

Division of TID. Riding with the Sidewinder and Shrike dummy missiles were A03 R. D. Corley and A02 J. J. Scannlen, both of NAF.

ROCKETEER

HAPPY BOWLER-Gerry

Whitnack holds his trophy for

the 279 game he shot during the

1969-1970 bowling season. The

279 was the highest sanctioned

game rolled for the year. The

award was made recently in the

China Lake Bowl by the local

Waste Paper And

The Southern Sierra Council of

the Boy Scouts of America is

currently involved in an effort to

recycle waste paper and aluminum

cans. The operation, titled

"Operation Greenhorn," will

benefit a new summer camp on

Boy Scouts in the Indian Wells

Valley have been asked to contact

the neighbor on each side of his

home and three neighbors across

the street to ask them to save these

According to Orville Thornall,

Chairman of the program, ob-

viously many citizens in the local

Therefor, local residents are asked

community will not be contacted.

by saving the items and contacting

a Scout organization in the Indian

Wells Valley, which will pick up the

papers and aluminum cans from

Residents are asked not to save

steel cans, which might have an

aluminum "pull top." If too many

of these steel cans are collected,

Thornall said, "it might cost the

Scouts more money to dispose of

the unwanted cans than they might

earn on the all-aluminum cans."

Aluminum cans have a rounded

Effective Monday, November

23, the Navy Relief Society

Office will be open only on

Mondays, Wednesdays and

Fridays until further notice.

from 11 a.m. to 2 p.m.

The operating hours will be

the residents' homes.

bottom, he stated.

Greenhorn Mountain.

Men's Bowling Association.

Once a veteran has used his

home loan entitlement he is not

eligible to use it again for the

financing of a mobile home, of-

The law gives VA the authority to

approve loans up to a maximum of

\$10,000 for a mobile home and up to

\$17,500 for a suitable lot on which to

The guaranteed and direct loans

would be at current GI interest

rates (8 ½ percent). Veterans

repay the mobile-home phase of

the loan; 15 years and 32 days to

pay the part of the loan for site

acquisition and lot development.

The mobile home must be oc-

cupied by the veteran as his home

and the loan must bear a proper

relationship to the veteran's and

serviceman's income and expenses

consecutive years on active duty.

would have 12 years and 32 days to

place the mobile home.



## **ACE-TV Takes Three** From Allied Vending

the Premier League this season is and a 2310 series. Miller's Missiles the failure of Dean's Pro Shop, cellar-dwellers of the scratch league which meets on Monday nights at the China Lake Bowl.

The Pro Shop quintet dropped three more last Monday during position night to Tom's Place, and sunk even further into the cellar.

Ace-TV however, has no such problem. They whipped Allied Vending three straight games to take a two-game lead in the league over the B&F Liquor team, who also won three games, from the surprising NAF quintet.

Mercury Movers took two from Arden's Dairy, and Ridgecrest Lanes stole two from Boyd's Auto

Dean Lippincott led the scoring with a 244 game and a 637 series. Thad Brightwell, who punched out his fifth straight 600-plus series (610), now has 15 games over 200 out of 30 games rolled thus far. Brightwell's series included a 238 game. Jack Lindsey rolled a 223-610 and Joe Kokosenski tallied a 601 with a 243 game. Dick Bauers had 226; Warren Turnbaugh 224 and Gordon Zurn, 221.

Women's Scratch Some good series were rolled by

the gals last Monday, led by Dotty Duncan's 568. Maggie Branson rolled a 543 and Sue Lewis a 531. Also scoring well were Wilma Johnson, 528; Pat Maddux, 511; Sue Haack, 510; Erma Erickson, 507; and Charlotte DeMarco, 506.

Sue Haack rolled a 223 game, followed closely by Wilma Johnson with a 213. Charlotte DeMarco had a 209 and Pat Maddux a 206.

The team from Medical Arts Johnson rolled 210-511.

One of the biggest mysteries in Pharmacy racked up an 804 game hit 801 and 2307.

**Desert League** 

Larry Peabody rolled games of 193, 201 and 198 for a 592 series to lead the scoring last week, while Bob Melligan took second place with a 585, which included games

Floyd Furnish had a 227 single effort, and Hal Moore racked up a

The Road Runners rolled a 1063 and a 3054 to lead team scoring.

Verne Logue was the big shooter again this week, hitting 214 and 576. Ann Brady had a 453 series and Peggy Ames a 171 game to lead the distaff scoring.

Ding-a-Lings

This league reported for two weeks: November 5 and 12. On the fifth Lou Richno rolled a 479 series and Diane Blose and Trudy Kennedy both had 178 games. On November 12 Lori Boyd led the league with a 522, while Lou Richno scored again with a 215 game.

Friday Mixed 2-Some John Ito's 639 topped the league,

with Ralph Brewer hitting a 606 and Ray Freascher a 587. Jack Herb- Aluminum Cans streit rolled a 579 series. Ito had games of 242 and 217, Brewer, 221 Sought By Scouts and 205, Freascher, 215, Herbstreit, 212, and Ed Plante, 211.

Jeanne Crom rolled a 569, which included a 235 game, and Patti Maxwell had a 203-561. Royce Dowd rolled 200-541 and Darlene Herbstreit 520. Maggie Branson and C. Smith had 515, and Wilma



STRAIGHT SHOOTER-Jack Braun, a research chemist with Code 45, won his third club championship recently at the Sierra Desert Gun Club meet by shooting an aggragate 762 with 15 bullseyes. Jack holds the engraved plaque that he won and the Winchester 30.06 which did the work. He has been a member of the gun club the entire 10 years that he has worked on the Center and has been target shooting approximately the same amount of time, having done mostly bird hunting with a shotgun back in Breckenridge, Minnesota, his home town.



Day at NAF.

The Hawks' unsung cornerback. for a touchdown. switched to offense part-time last NWC narrowed the gap to 21-13 edged Ace TV, 7-6.

Ace took a 6-0 lead midway TD on a 10-yard pass from quarterback Tony Cozzucoli. The conversion try was no good.

Neither team managed a drive until late in the third quarter, when NAF's Pete Toste took a Cozzucoli punt at the NAF 22 and ran it back 31 yards to the Ace 27.

Two running plays and a tackling penalty moved the ball to the Ace 9. On fourth-and-goal from the 4-yard line, Hawk quarterback Stan Crecy rolled to his left and threw a pass that was deflected twice before Kirk Ratliff made the catch going to his knees in the end zone. Armenta then started his heroics

give NAF a 7-6 lead. With 1:10 left in the game, Ace had the ball first-and -20 at their own 20. Two long passes fell incomplete, and then a clipping penalty against NAF moved the ball to the 35.

by running in the extra point to

On the next play Cozzucoli's pass was intercepted by Armenta (Armenta's third of the year) and NAF ran out the clock for its second 7-6 victory over Ace this

Two days earlier VX-5 had clinched its fourth straight league championship with a 34-13 win over NWC in the biggest offensive show

NWC scored on the fourth play of the game on a screen pass from Bill Stuart to Mick Rindt that Rindt turned into a 32-yard touchdown (his eighth TD of the season).

VX-5 came back, however, to score 15 points in six minutes in the second quarter. Ed Whittaker hit Fritz Herr with a 12-yard scoring strike, the defense nailed Stuart in the end zone for a safety, and Whittaker combined with Leon Irving for a 17-yard touchdown pass to give VX-5 a 15-6 lead with 2:00 in the first half.

Using timeouts judiciously, the Youth Center, NWC Ext. 2909 or Wolves drove the Vampire 3 before 2259.

FACILITY

Special Services:

**Bowling Alley** 

Snack Bar (Bowling Alley)

Michelson Laboratory Cafeteria

Enlisted Men's Club

Golf Course

Gym-Pool

Navy Exchange:

Thanksgiving Day.

Beauty Shop

CLPL Cafeteria

Malt Shop (Winter Hours)

Theater

**Thanksgiving Hours** 

observe the following hours. All other facilities will be closed.

China Lake facilities open on the Thanksgiving Day Holiday will

All Employees Services Board facilities will be closed

All facilities will be open for business as usual, Friday through

Sunday, with the exception of the following deviations:

pass in the flat and raced 77 yards

week, scored the winning extra on Stuart's five-yard touchdown point and later made a victory- run and Ted Bailey's extra point, preserving interception as NAF but the Vampires scored two more times to put the game out of reach.

Bill Fernow added a touchdown through the second quarter, on an 8-yard sweep and Roger scoring on a five play drive from Smith scored the final VX-5 touchthe NAF 34. George Sieg scored the down on a 45-yard screen pass.

#### Registrations **Underway For** Basketball

Registration for the Youth Center sponsored Girls and Boys Basketball Leagues will close

Boys who reach 7-1/2 years after June 1, 1970, and have not reached their ninth birthday on January 1, 1971, will be placed in a new Instructional League.

Other leagues to be formed will be a Midget League for boys 9 through 14, and a Senior League for those 15 through 18 years, if at least 40 applicants register.

Registration fees are \$3.50 each for members with dues paid through June 1, and \$6 each for non-members. Special rates for families with more than two registrations is \$3 each for members and \$5 each for non-

All boys who register, regardless of ability, will be placed on a team. Teams will be selected by try-outs. It should also be emphasized that this is a training program for recreation purposes and all boys will play in every game with the exception of boys being disciplined.

Girls' Basketball The Youth Center will introduce girls basketball to the community, provided more volunteer mothers to coach the teams sign up.

All girls are urged to register at the Youth Center. The fee for nonmembers is \$3 and members with dues paid on a yearly basis may participate free. A minimum of 50 girls must register to initiate the

For further information, boys and girls are asked to call the

THANKSGIVING DAY HOURS

Regular Hours

Regular Hours

Regular Hours

1 p.m. to 5 p.m.

Regular Hours

Regular Hours

HOURS OF OPERATION

9 a.m. to 5 p.m., Sunday

Closed Thurs. through Sun.

9 a.m. to8 p.m., Fri. and Sat.

Closed Thursday through Sunday

Closed Sat. and Sun.

## **NWC Community Council Election Results Told**

the fact that non-director members

committees and that the directors

should not take on so many duties

Christmas Parade

Mrs. Abernathy reported that

she now has 29 entries for the

Children's Christmas Parade. She

also stated that no bands will

participate in the parade due to the

long weekend. Schools were

reluctant to ask children to play

and the high school band will be out

of town on the day of the parade.

nounced that the total net worth of

the Booster Fund stands at almost

of the Council may serve on

BENNY SUGG AWARD-Capt. R. E. McCall, 1, Commanding Of-

ficer of NAF, presents a check for \$65 and a Beneficial Suggestion

award to Kermit Jackson, Code 7431, for Jackson's suggestion

"Radio Frequency Shielding." The presentation was made to

Jackson in addition to other NAF employees in Capt. McCall's office

The results of the recent Community Council election were Council should take advantage of announced at the November 10 meeting of the China Lake Community Council, held in the NWC Administration Building.

Friday, November 20, 1970

The tally of votes in each Council post for the candidates were as follows:

Precinct 1 and 2 - William Werback, 425; Mrs. Mimi Chapman, 396. At-Large, John Emery,

Precinct 3 and 7 - Richard Sch-

mitt, 164; Louis Thompson, 102; Robert Langland, 88. At-Large, John Emery, 169. Precinct 4 and 8 - Mike Vernon-

Cole, 332; Eugene Baker, 289. At-Large, John Emery, 309. Precinct 5 and 6 - Jack Dragovich, 304; Richard Schultz,

258. At-Large, John Emery, 302. Precinct 9 - Al Pena, 207; Ann Teppo, 85. At-Large, John Emmery, 138. A total of 1799 votes were cast,

according to Mrs. Abernathy, who stated that these figures do not include write-ins. Mrs. Abernathy stated that Jack

Dragovich agreed to run for reelection only because the original candidate for the seat in Precinct 5 withdrew, and Dragovich intends to resign, which will leave a vacancy in Precinct 5.

Any person who resides in Precinct 5 and is interested in filling the vacant seat is asked to contact Mrs. Abernathy, 446-2272, George Ness, 446-4498, or Ruth Schuyler, 446-3164, or any Council representative.

In other business at the November 10 meeting, Ted Bergman, Precinct 2 Council representative, presided in the absence of president John Emery, and asked that outgoing members of the Council describe the committees on which they had served in the past year, and give an accounting of what each director considered the most important accomplishment of those com-

During the course of this

Thanks to a new law signed by War II and Korea GI Bill President Nixon, Vietnam homebuyers. This provision will buy a regular house with a GI Bill veterans and servicemen will be not affect loans made before Ocable to use GI Bill entitlement to tober 23, finance purchases of mobile homes beginning December 22. The bill, signed by the President October 23, authorizes the It also

Veterans Administration to guarantee or make direct loans for mobile-home purchases. The VA estimates some 13,500 veterans and servicemen will take advantage of the opportunity during the first year of the new law. The new law also restores ex-

pired GI loan benefits to some 8.9 million World War II and Korean Conflict veterans. The law also preserves these benefits for all veterans who served after Jan. 31. 1955, until they are actually used.

Another provision eliminates the one-half of one-percent funding fee on guaranteed and direct loans that has been required of veterans who have served on active duty since Jan. 31, 1955. Elimination of this fee will save ex-servicemen buying homes, an average of \$100 on the purchase of a \$20,000 house.

The fee was used by VA to pay off THE NEW LAW permits defaulted mortgage payments of veterans and servicemen to buy veterans. No fee was required of mobile homes, and after the trailer

Mobile Home Purchases

**VA May Now Guarantee** 

THE LAW ALSO makes direct loans for specially adapted housing available to seriously disabled veterans in all parts of the country.

Permits active-duty personnel and veterans to buy apartments in condominiums with VA guaranteed loans. VA will guarantee 60 percent, or up to \$12,500, of loans for veterans to purchase family units in condominium projects insured by the Federal Housing Agency. This provision is effective

Authorizes VA to guarantee loans to refinance existing mortgage loans or other liens on homes owned and occupied by veterans and allows borrowers to pay lenders any required discounts. The guarantee may be for 60 percent of the loan, or \$12,500, whichever is

Eliminates Jan. 31, 1975, as the termination date for VA's directloan program.

reported Richard Fulmer,

publicity chairman. The solid

geodes were sold out by Sunday

noon. One hundred pounds each of

and his crew. The many fine

gem show visitors that the Gem

**Faceting and Painting** 

of an opal ring hand-crafted by

well-known local artist Mildred

DeHarold. Pam Jacobson's

beautiful water color paintings of

desert scenes went to Gail

Hastings and Robert Stout, both of

**New Members Invited** 

the IWV Gem and Mineral Society

are located in the "Rockhound

Hut" of the Rowe Street huts, Bldg.

1689. Monthly meetings are held

there the fourth Monday of each

The Rockhound Hut is open

every week night from 6:30 to 9:30

p.m. and on Monday and Wed-

month at 7:30 p.m.

Headquarters and workshop of

into sparkling gems.

afternoon.

Ridgecrest.

VETERANS LOANS for home. mobile home or condominium purchase are limited to military who have served at least two

officials said.

The law gives the VA the authority to refuse a GI loan for any make of mobile home that does not meet its standards. One of the standards will require a minimum one-year warranty for all mobile homes. The manufacturer must sold out around noon Saturday, also agree to permit inspection by

The law also gives VA the authority to forbid use of a GI loan for a lot in any mobile-home park hollow and solid geodes were cut or subdivision "whose rental or open for guests by Frank Thorpe sale methods, procedures and requirements are determined to be crystal specimens that were unfair or prejudicial to veterans revealed, including some amethyst renting or purchasing such sites." treasures, were so popular with the

#### Society's officials are planning to have 500 pounds of the hollow geodes available at next year's Ed Albright's demonstration attracted the interest of many of the show's guests as he transformed several rough crystals As usual, Ed Wagner's black light painting booth was crowded during his creative sessions on Saturday evening and Sunday Margaret Lindgren of Ridgecrest received the door prize

LCDR. PHILLIP JOHNSON has reported to VX-5 as the squadron's new Administrative Officer. LCdr, Johnson holds a B.S. degree in Business Administration from the University of Kansas and reported to VX-5 after serving as Operations Officer with VA-106 and VA-66. A pilot with 14 years experience, LCdr. Johnson will double as an A-4 project pilot. He and his wife Betty Ann, reside at 702A Essex. They have one child, Jennifer Ann, aged 2.

started on their projects. Further nesday mornings from 9 a.m. to 12 information may be had by noon. A "sponsor" is always on phoning Bill Gey, president, at 446hand for accepting new members and will assist them in getting



Senior Naval Member and President of the U.K. Ordnance Board, presents a book on the history of British Ordnance to RAdm. W. J. Moran, NWC Commander during a no-host reception for the visiting British officer November 12. The reception took place in the Plaque

#### Mineral Show Rated Successful A registration count of about 1600 hollow Mexican Geodes they were people, swelled by many out-of- able to purchase before they were

Indian Wells Valley Gem And

towners from Southern California, visited the Indian Wells Valley Gem and Mineral Society's 14th Annual Show at the China Lake Community Center last week-end. Show Chairman Craig Ray commented that this was one of the largest crowds, in recent history, to attend the show.

Field Trips Pay-Off

Many were attracted to the field trips conducted by Steve Sznyter. Robert Young reported that the Twenty-four cars were in the TV Booster Committee is ready to Saturday trip to Rainbow Ledge file the application for building the and twenty-two were in Sunday's booster for Channel 28. He stated caravan to Sheep Springs. All the that another application must be amateur gemmologists were submitted when the booster is pleased with the treasures they ready to transmit. Young anfound during the trips.

Geode Bonanza Early visitors to the show were especially delighted with the



LIBRARY ENHANCED- RAdm. D. N. Callaghan, CB, Royal Navy, Room of the Commissioned Officer's Mess.

# Presents Ordnance History

## 27,000 Travel To Death Valley Annual Forty-Niner Encampment



HOOTENANY HOEDOWN—The Reinsmen and a huge success. Aim is the immediate past Aim Morhardt were on hand to entertain at the president of the '49ers and is well known locally Hootenany breakfast event which turned out to be as an artist.



Friday, November 20, 1970

FAMILY EFFORT—While Aim Morhardt was busy entertaining guests (left) at the Hootenany Breakfast, his wife, Gen (I) busied herself handing out song sheets. The popular couple reside in Bishop.



HISTORICAL DEDICATION—The Old Eichbaum Toll Road was dedicated by the '49ers with an appropriate monument which, unfortunately, had

to be unveiled without its permanent plaque. Ellie Povah, the present owner of Stovepipe Wells



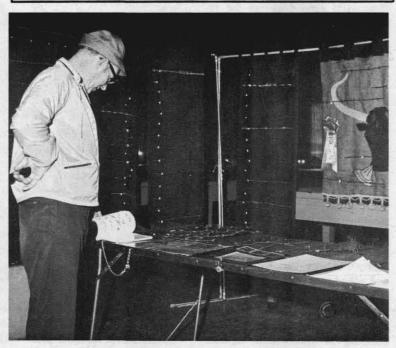
END OF THE TRAIL—53 riders from all over Southern California participated in the annual 125mile scenic ride from the Indian Wells Valley to

Death Valley. Led by Del Smith of Ridgecrest, the riders are shown above as they entered Furnace Creek Ranch.



STILL SHOOTING—Former ROCKETEER Editor Fred Richards still plies his trade as he sets up to do another of his photographic studies. Among other tasks to busy his retirement, Fred is currently acting as Public Relations Director for the Forth-Niners.

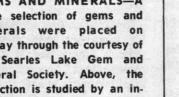
#### **Death Valley Encampment** November 11 - 14

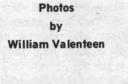


BARBED WIRE EXHIBIT—Historical exhibits featuring relics of Wells Fargo Days were on display in the main hall at Furnace Creek Ranch. Above, an interested guest pauses to thumb through literature that described the early Death Valley items on display.



GEMS AND MINERALS-A large selection of gems and minerals were placed on display through the courtesy of the Searles Lake Gem and Mineral Society. Above, the collection is studied by an interested visitor.







Blenman, USN, (Ret.), a former Commanding Officer of NWC is an avid worker for the '49ers. Above, he takes time out from selling memberships to get a light meter reading preparatory to taking a picture of Diamond L'il of Death Valley, a perennial favorite at the event.

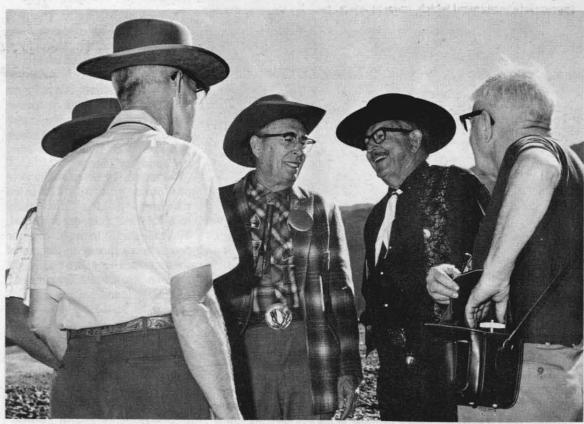


charming visitors pause to inspect one of the displays that was set up in the parking lot.



tivity at the Encampment, many of the children who visited Death Valley took time to catch a few

area. The little stream is part of the irrigation complex that is part of the date palm orchards that are found in the Furnace Creek Ranch area.



center) and George Pipkin (right center) ex- Pipkin is known locally as a former columnist for changed greetings with some old friends at the Ridgecrest newspaper, the Valley In-Stovepipe Wells. Ardis is a direct descendant of dependent,

OLD FRIENDS MEET—Ardis Walker (left the discoverer of Walker Pass, and George

