

SONG OF THE ORIENT—The four lovely beauties seen in the above photo are part of the show, "Song of the Orient," which will be presented at the Chief Petty Officer's Club, Saturday, November 15, beginning at 9 p.m. A spokesman for the Club stated that cocktails will be served from 5 p.m. until 2 a.m. Dinner will be from 5:30 p.m. until 8:30 p.m. Tickets are required and will cost \$3 per person. For reservations, and ticket information, contact Chief Ken Dukeshier, Ext. 71633.

### SHOWBOAT

NEW RATING PROCEDURES
Future ratings for motion pictures shown at the Center Theater will be based on two different types of ratings—the familiar Parents' Magazine ratings, and the new MPAA (Motion Picture Association of America) ratings. (The Parents' Magazine ratings will eventually be superseded completely by the MPAA ratings.)
The rating designations are:
MPAA\*
(G)—General audiences.
(M)—Mature audiences, parents should use discretion.
(R)—Restricted, persons under 16 admitted only with parent or legal guardian.
PARENTS\*\*
(A)—Adult
(Y)—Youths 13-17
(C)—Children 8-12
(M)—Mature for Y & C

FRIDAY NOVEMBER 14
"THE SCALPHUNTERS" (102 Min.)
Burt Lancaster, Shelley Winters
7:30 P.M.
(Adventure) Action, fun and excitement as Burt tries to retrieve the cache of furs stolen from him after a year's tramping. Thrill to his Indian fighting and harassment of a wagon train. (Adult)
Short: "Niagra Frontier" (9 Min.)

SATURDAY NOVEMBER 15
MATINEE
"FLUFFY" (92 Min.)
Tony Randall
1:00 P.M.
Shorts: "Woodpecker Wanted" (7 Min.)
"Manhunt" (No 13, 20 Min.)

EVENING
"ONE STEP TO HELL" (94 Min.)
Ty Hardin, Pier Angeli
7:30 P.M.
(Adventure) Only King Edwards, a two-fisted policeman, was tough enough to trail a group of escaped killers into the Zulu jungle where they sought a hidden gold mine. Seek and kill was his byword! (A, MY)
Short: "Pacific Paradise" (14 Min.)

SUNDAY-MONDAY NOVEMBER 16-17
"HOW TO COMMIT MARRIAGE" (96 Min.)
Bob Hope, Jackie Gleason
7:30 P.M.
(Comedy) Two future in-laws meddle in the romance affairs of their children, one wanting them to get married and the other not. It's Bob and Jackie at their best. \*(M) \*\* (A, MY)
Short: "Clippety Cllobbered" (Roadrunner, 7 Min.)

TUESDAY-WEDNESDAY NOVEMBER 18-19
"ONCE UPON A TIME IN THE WEST" (139 Min.)
Henry Fonda, Claudia Cardinale
7:30 P.M.
(Western) As railroad steel was laid towards the West many men fought for the riches to be had in building of new towns, control of commerce. \*(M) \*\* (A, MY)
Very MY

THURSDAY-FRIDAY NOVEMBER 20-21
"WHAT EVER HAPPENED TO AUNT ALICE?" (103 Min.)
Geraldine Page, Robert Fuller
7:30 P.M.
(Drama) The terrifying tale of a multiple murderer who plays a cat-and-mouse game with those who suspect her. \*(M) \*\* (A, MY)
Short: "Mucho Locos" (7 Min.)

The Supply Department Recreation Club will hold a "Sloppy Joe" luncheon and a Bake Sale at the Supply Department Building, 60 Blandy, on the Center, between 11 a.m. and 12:30 p.m., Wednesday, November 19. All residents of the Naval Weapons Center are invited to attend the affair.

From \_\_\_\_\_
TO \_\_\_\_\_
STAMP



PROTECTION PAID OFF—The value of eye protection was dramatically demonstrated on October 30, 1969, with respect to an accident that involved Robert Phillpott of Code 70431. Phillpott was working on a large generator when a short occurred across the terminals on which he was working. The resultant fireworks caused burns to his left hand, and dozens of small molten particles of copper splattered him around the eyes. The glasses he is wearing are impregnated with copper bits that have literally welded themselves to the lenses. Had Bob not been wearing them he would most certainly have suffered serious eye injury.

### CFC Plans Last Minute Drive To Exceed '68 Goal

The Combined Federal Campaign ends tomorrow, November 15. By Wednesday, Nov. 12, \$45,000 had been donated or pledged in payroll deductions.

Keymen in the various departments and organizations at NWC are making a last-minute effort to surpass last year's \$54,000 total and particularly to push the participation record for all Center personnel past the 48% recorded in last year's campaign.

All donations and payroll deductions cards are expected to be turned in this weekend except for some contributions from military organizations who have requested an extension of the deadline because military payday came just before the end of the CFC drive.

Any late contributors, military or civilian, should contact their organization keyman, or call William R. Hattabaugh, campaign chairman, at 72765 to donate to the fund that supports local United Fund, National Health, and International Service agencies.

## Center Dispels Arsenic Warning

### Improved Method of Water Analysis Discounts Scare

In April of this year, residents of the North Edwards area were warned by the Kern County Health Department that their water wells had been found to contain excessive amounts of arsenic and that they should cease using water from the wells.

According to Dr. Owen Kearns, Kern County health officer, the domestic water supply in the area contained about .15 milligrams of arsenic per liter of water. The limit considered allowable for drinking water is .05 milligrams.

Members of the Air Force Laboratory at Edwards AFB, who were naturally concerned, had heard of a new method of analysis for arsenic in water developed by Gerald C. Whitnack, Code 6052, which Whitnack had recently published concerning arsenic in well waters in the Indian Wells Valley. Whitnack was asked to use his new technique, called the single-sweep polarographic method, to measure the arsenic content in the North Edwards well waters.

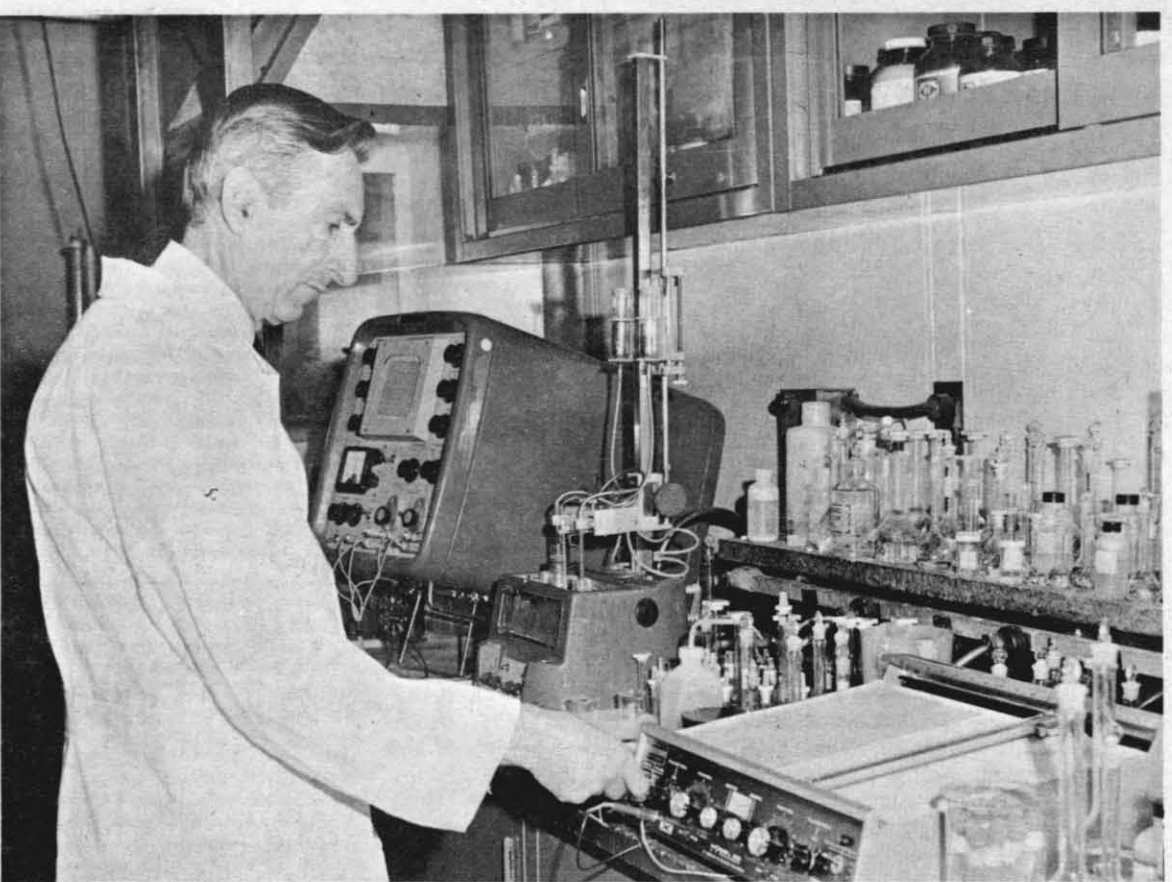
Whitnack's tests showed that the "high arsenic levels" found by the County Health Department were the results of that Department's method (called the Gutzeit method), which is a relatively unsophisticated, though approved, method of analysis which had been applied at the extreme limit of its usefulness.

The tests conducted by Whitnack in conjunction with the Air Force Laboratory, found that the quantity of arsenic in drinking water from North Edwards was actually below the limits thought to be safe by the Public Health Department. According to Whitnack, the amount of arsenic in the North Edwards drinking water is the same as that found in the Indian Wells Valley. It is his opinion that NWC could as well have been the object of attention by the Health Department.

The single sweep polarographic method is a new technique which allows the chemist to determine arsenic in lower concentrations than the older Gutzeit method. It is a highly sensitive, simple, reliable, and rapid technique compared to the older method.



BIRTHDAY GUESTS—Col. K. P. Rice, USMC, NWC Marine Liaison Officer welcomes Capt. and Mrs. M. R. Etheridge to the 194th Anniversary celebration of the establishment of the Marine Corps which was held at the Community Center last Monday night, November 10. Approximately 300 guests attended the gala event which featured dinner, dancing, and a cake-cutting ceremony (See Page 3).



CHEMIST AT WORK—Gerald C. Whitnack, research chemist of Code 6052, is shown operating the X-Y Recorder, a unit of the Single Sweep Polarograph, which Whitnack used recently to trace the amount of arsenic in well water in the North Edwards area. Whitnack's tests found the waters to be fit for human consumption even though the Kern County Public Health Department had declared the waters unsafe. The tests by the NWC Chemistry Division were conducted in conjunction with tests that were being performed by the Air Force Laboratory at Edwards Air Force Base.



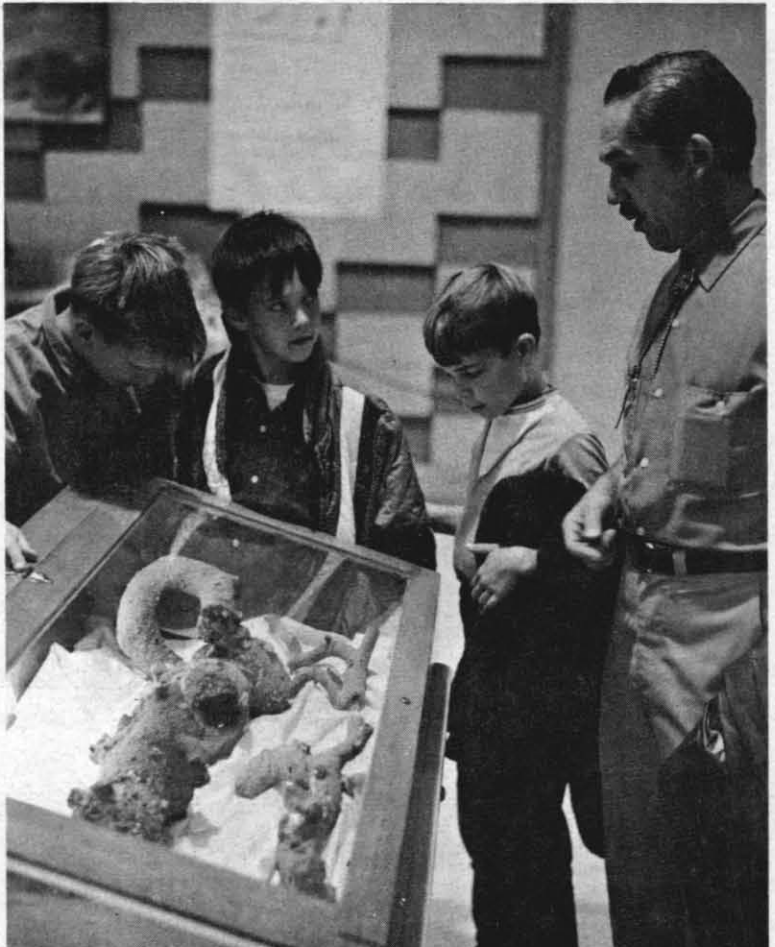
Vol. XXIII, No. 45 Naval Weapons Center, China Lake, California Fri., Nov. 14, 1969

### "Help Line" Service Proves Responsive To Area

Increasing numbers of local residents have been taking advantage of the emergency telephone service provided by Help Line, Inc., officers of the organization reported this week. People faced with a wide variety of serious problems have called the organization's phone number, 446-5531, to request help and information, since the operation began in September. Although callers remain anonymous and individual cases are kept completely confidential, Help Line does report that the problems mentioned most frequently by callers have been those related to alcoholism or unwed pregnancy.

A number of calls have been from emotionally troubled people, at least one of whom was considering suicide. Basic problems in these cases have included marital strife, loneliness and general depression. For these callers, and all others also, Help Line provides a sympathetic and understanding listener who tries to help find ways out of problem situations without being judgemental or biased.

Many callers simply request information, such as how to obtain certain medical, psychological or financial aid. Help Line has on file names of over 100 resources which provide specific kinds of help ranging from alcoholic rehabilitation centers to the loan of wheelchairs. Every effort is made to obtain some kind of assistance for every caller, regardless of his problem, and in most instances a number of possible resources are suggested so the caller may choose the one he prefers. Trained volunteers man the



"FULGURIK"—Bob Radunec (r) explains to a group of boys at last weekend's IWV Gem and Mineral Show, the process involved in the forming of a Fulgurik as displayed in one of the exhibit cases at the show. The glass-like formation that takes on the form of tree branches is the result of sand being struck by a bolt of lightning (More on Page 7). —Photo by PH2 M. F. Krause

### CROSSWORD PUZZLE

ACROSS
1-Diplomacy
5-Slave
9-Hit lightly
12-Appellation of Athens
13-The sweetsop
14-Collection of facts
15-Females
17-Outcomes
19-Sounded a horn
21-Chair
22-Malay canoe
23-Fit
24-Note of scale
25-Footlike part
26-Unit of Portuguese currency
27-Roadside hotels
29-Compass point
31-Possess
32-Near
33-Behold
34-March
35-Paid notice
36-Entered on record
38-Unit of Latvian currency
39-Sunburn
40-Roman Catholic (abbr.)
41-Ireland
42-Organs of hearing
44-Dining
46-Sham
48-Not this
51-Frozen water
52-Falsehoods
54-Girl's name
55-Uncouth person
56-Egyptian
57-Hindu peasant
DOWN
1-Label
2-Mohammedan name
Diatr. by United Feature Syndicate, Inc. 30
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### Salvation Army Pickup Dates

According to a spokesman for the Salvation Army, the organization will have a truck in the Ridgecrest-China Lake area November 10-11, 17-21, and 24, 25, 26 and 28 in order to pick up any clothing, appliances, books, furniture, or any household goods which residents of the local area may wish to donate.

These items will be reconditioned at the Bakersfield Men's Social Service Center and made available to low income families in the various Red Shield Thrift Stores in Kern County.

The income from these articles is the sole support of the Rehabilitation Center for homeless men who need the Salvation Army's program which is geared to meet their physical, emotional and spiritual needs.

The Center provides residence for these men throughout the year. In addition, they provide their material needs and offer counseling and medical services.

In the past year more than 14,000 individuals have been assisted by this program. Many of these have come to the Salvation Army destitute and emotionally distressed. After graduating from the rehabilitation program they have reentered society as useful citizens.



### Lead Positions Shift Around In Hot Premiere League Competition

Last Monday was Position Night in the Premier League, and as a result of the fast-paced action, a few teams traded places in the standings. Notably, there was a little juggling between the 2nd, 3rd, 4th and 5th place teams. The new standings are posted at the bottom of this page.

Floyd Maxwell was high for the evening, firing 229-231 enroute to a 626 series. Bobby Kochman, anchor man for the Ace-TV squad, had games of 200-204-212 for a 616 series and second place. Benny Whiteside shot a 610 and Thad Brightwell hit 602. Jack Herbstreit shot 219 and 604.

The preceding week's scores showed a 636 for Ed Albright, a 607 for Brightwell, and games of 223-205-225 and a 653 series for the old master, Fred Dalpiaz. Other series of note: Jerry Steele, 624.

China Lake Navy fired a 1,024 to lead the high game department last week and AV Trophy punched out 2780 for high series.

#### Midway League

The Chilliers continue to lead the Midway League with a won-loss record of 31 and 13. They are followed closely by the Mixers, and the Spoilers, both with 30-14 records. NAF is in fourth place, sporting a 29-15 record.

Last week's high scores: Sam Harris, 212 and a 564; Ed Soper, 208; D. Crimmins, 557; F. Wegley, 553. Bakersfield Welders led the high team game and series categories with 1060 and 3051.

The preceding week NAF had high team game of 1047, while the Gear Jammers put three good ones together for a 3059 series. Bob Tegowski led all individual scoring with a 210-220-599, followed closely by Dick Bauers, 224; Ron Taylor, 220; Dick Craney, 216, and M. Baican, 214.

#### Thursday Trio

The Grandmas led the league last Thursday afternoon (Oct. 30) with a 587 game and a 1724 series. Viv Dalpiaz was the high bowler, shooting 213 and 536.

The Bowlaholics are in first place, 2 1/2 games ahead of the Key Tin Setts, who are followed by the If'ns.

#### Junior & Senior

Young Mike Dowd had a 555 series to lead the boys on November 2, followed by Mike

Schad's 530 and Gary Ziegler's 524.

Patty Dalpiaz was high for the girls, hitting a 505 series. Holly Lewis had a 428 and Lisa Hamel a 414 for second and third place respectively.

Linda Karkstrom picked up a 5-6 split, and Chris Hooper converted the 5-10.

#### Desert League

The Ridgcrest Automotive team shot an 1101 game and the Sumco squad a 3080 series to lead the league November 6.

Individual scoring was led by Larry Peabody who put together games of 177, 211 and 215 for a 603 series. High games for the evening were shot by John Ito, 226, and Dick Evert, 223.

#### Supply Dept.

Beyer's Coolers rolled a 957 game and the Alley Cats a 2,718 series to lead all scoring in the Supply Department Mixed League November 2.

Bob Beyer lead the individual scoring, hitting 245 enroute to a 584 series. Aline Fry led the ladies with a 215-617. Aline's 617 was her first series above 600.

#### Bantam League

Mod Squad No. 2 hit 803 to garner high game honors, while Mod Squad No. 1 fired a 2192 series to lead the three-game scoring.

Doug Stevenson was high for the boys, shooting 163-160-110 for a nice 433 series and Lynn Tegowski led the girls with a 361 series.

David Schad had high game for the boys, a 189, and Lynn Tegowski and Patricia Powers each fired 141's to lead the girls.

#### Women's Wed. Nite

Ray's Appliances shot 955 and 2776 to lead individual game and series scoring in the team event on November 5. Jeanne Krausman led the women's series scoring with a 543 effort, followed by Mary Jane Clark's 532.

Lorraine Johnson's 205 was the high game for the evening.

#### PREMIER LEAGUE STANDINGS

Team	Won	Lost
Ace TV	136	44
Boyd's Auto Parts	113.5	86.5
China Lake Navy	111.5	88.5
AV Trophy	111	89
Ridgcrest Lanes	103	97
Kirkpatrick's	94	106
Starlite Room	92.5	107.5
Mercury Moving	89	111
Tom's Place	88	112
Team No. 10	61.5	138.5



FOUR AWARDS PRESENTED—Mr. M. B. Sorge, I, Head of Central Staff, recently presented Mr. David E. DeVous with a 20-year Federal Service Pin, a 10-year NWC Pin, and an Outstanding Performance Rating and Quality Step Increase for his efforts in developing a new payroll system. Mr. DeVous works in the Planning and Programming Branch of Central Staff's Data Processing Division.



CALLING IT A CAREER—QMCS Reuben O. Marketon decided to call his more than 21 years of Naval service a career. Shown above, he is "piped out" by fellow CPO's after receiving a commendation letter, the national flag and a Fleet Reserve certificate. Chief Marketon served as military representative for housing at the Center.

### Grading Procedures Described For Coordinated Federal Wage System

(Continuing its discussion of the new grading and pay plan for wage board employees, The Rocketeer is providing more information on the new system.)

The Coordinated Federal Wage System provides for a job grading plan which includes: grouping of related occupations; designation of 39 jobs which are used as the basic pegpoints or landmarks of the grading system; job standards which provide criteria for assigning grades to jobs; and a job grading method designed to assure consistency in the application of job standards in all agencies.

The new system uses 39 jobs, which are called Key Ranking Jobs, to provide the basic framework for the system's 15 grade non-supervisory structure. These jobs serve as references or pegpoints for determining the relative worth of different lines of work and levels within lines of work. Thus, they control the alignment of the grade levels in all non-supervisory job grading standards. Some of the Key Ranking Jobs are as follows:

JOB TITLE	WAGE GRADE	JOB TITLE	WAGE GRADE
Janitor (Light)	1	Carpenter	9
Laborer (Light)	2	Automotive Mechanic (Heavy)	10
Sales Store Worker	4	Welder	10
Helper (Trades)	5	Mechanic	10
Truck Driver (Light)	5	Electrician	10
Truck Driver (Medium)	6	Electronic Equipment Mechanic	11
Truck Driver (Heavy)	7	Radar Mechanic (Ground)	12
Truck Driver (Trailer)	8	Tool, Die and Gage Maker	13
Painter	9	Modelmaker	14
		Instrument Maker	15

Under the new system, the Civil Service Commission develops and publishes job grading standards which are used to assign grades to jobs. To date the Naval Weapons Center has received 15 job grading standards for trades ranging from Cook to Pipefitter. The Civil Service Commission has asked for information as to the number of employees who are covered by each standard and the effect of each standard in terms of changes of alignment with other ratings. Informal informational sources indicate that approximately 200 different job grading standards will be issued. Prior to issuance of



NEW COMMISSARY STORE MANAGER—SHC Charles R. Jenkins arrived recently to take up the duties of NWC Commissary Store Manager. He comes to China Lake from Kaohsiung, Taiwan where he was also the Commissary Store Manager. The Chief has a little over 19 years in the Naval Service, having enlisted in July 1950. He, his wife Susan, and Joker Lee, age 2, have been assigned quarters on Center.

### "Fenwick" Blows At Youth Center Dance Saturday

The "Fenwick" will provide the music for a Youth Center Dance Saturday, November 15 at the Community Center from 8 p.m. to 1 a.m.

"Fenwick" is composed of Jimmy Dutch, Kay Klassy, Todd Anthony and Sal Delano. The group is often referred to as the American answer to the Beatles.

General admission for the dance is \$2—Teen Club members \$1. All school ages from Junior High School on up are invited to attend.

The Youth Center will present a Pop Concert on Friday, November 28 at 6:30 p.m. at the NWC Theatre. Featured at the Concert will be "Love," "Smokestack Lightnin'" and "Hash." Tickets are on sale at the Youth Center.

SHARE IN FREEDOM

## Marines Celebrate 194th Anniversary



MARINE BALL CEREMONIES—Local festivities were conducted at the NWC Community Center in celebration of the 194th anniversary of the establishment of the Marine Corps on Monday, November 10. The pictures in the upper and lower right portion show the trooping of the colors and the cake-cutting ceremony. ABOVE, H. G. Wilson, NWC Deputy Technical Director, who was selected by the local Marine contingent as the Honored Guest of the evening, reflected the spirit of the occasion with the following remarks:

"In this era of protest, destructive criticism, and rejection of the past, it is indeed a renewing experience for me to participate with so many of you in recognition of some of our past, our history, our traditions. The Marine Corps has had an important part in that history in the development of American tradition. They have every reason to be proud of their contributions to the America we are today.

"I would further suggest that they may well have made less mistakes than most of our human institutions that have been in business for 194 years.

"For all of you here, I extend greeting to the U. S. Marine Corps on this birthday anniversary. Further, I would like to convey to you Marines our confidence that you can, and will, carry on in the changing tomorrows. Thank God for the Marines."

—Photos by PH3 Maurice Dias



### ROA To See Belisle's Slide Show on "Life in Vietnam"

James R. Belisle, formerly of the Peace Corps, now of NWC China Lake, will present a program of colored slides with live commentary entitled "Life in Vietnam" at the next meeting of the Indian Wells Chapter of the Retired Officers Association to be held in the Commissioned Officers Mess on Wednesday night, November 19.

The program, selected from scenes photographed by Belisle on a recent NWC business mission, will stress non-combatant aspects of life in the embattled country. It will go on around 9 p.m., following ROA's regular monthly social meeting, which traditionally starts with "attitude adjustment hour" at 6:30, and dinner ordered from the menu at 7:30.

Any man or woman who has served or is serving as a commissioned or warrant officer in any of the seven federal serv-

ices or their reserves is eligible for membership in the local chapter, and is invited to come and bring his or her spouse for any portion or all of the November 19th affair.

Dinner reservations are not necessary, but the Officers Club likes to have an estimate of the number expected. A call before November 17 to Mrs. Stephen Herzog—375-4025—or Mrs. George Schneider—375-4291—from anyone who plans to attend would be appreciated.

### Aetna Agent At Community Center

The Aetna Insurance representative, Mr. Howard Keenan, will be at the Community Center next Thursday, November 20, from 9 a.m. until 4:30 p.m. and Friday, November 21, from 9 a.m. until 3 p.m.



### General Mess Plans Thanksgiving Dinner

Thanksgiving Dinner will be served to all enlisted, retired military, officers, civilian guests, and dependents who wish to partake in the holiday meal in the NWC General Mess on Thanksgiving Day.

Those planning to attend are requested to make advance reservations for the meal with the doorman at the NAF or NWC Galley, or by calling the Food Service Office, ext. 72240.

# 1969 '49er Death Valley Encampment More Spectacular Than Ever



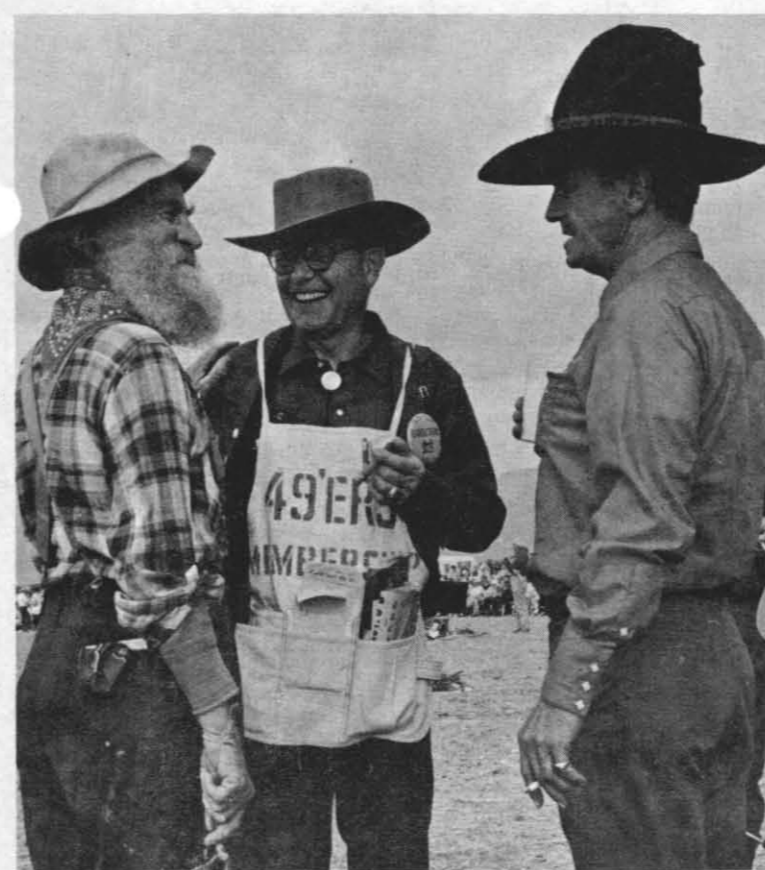
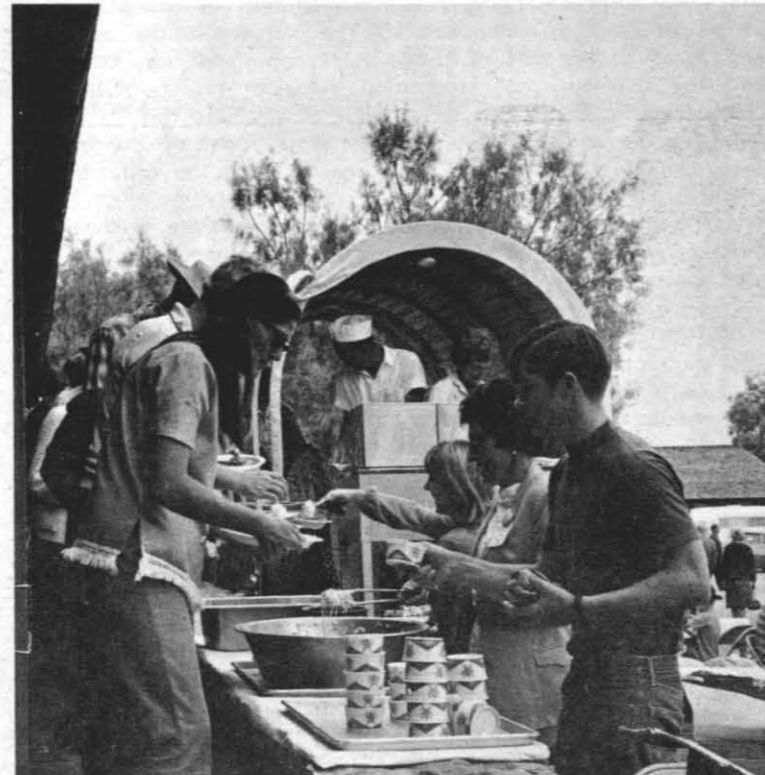
**ART EXHIBITED**—Approximately 50,000 people, the biggest crowd ever to attend the annual Death Valley 49er Encampment, were treated to a tremendous display of Art and art objects that were exhibited at the Death Valley Museum (above), and outside (below) of the Furnace Creek Visitors' Center. Viewers and Art lovers might have spent hours pouring over the canvasses, only a few of which are shown in these two photographs. In addition, a contest was held in which visitors could vote for their favorite painting. There were more canvasses shown at this encampment than ever before.



The Artists' breakfast which was held on Sunday on the Furnace Creek Golf course drew an even more impressive array of paintings. A highlight of the event was the creation of a new desert scene by a group of well-known Western artists. The newly created work was auctioned off to those present.



**COLORFUL DRESS**—Wives of the Forty Niners were decked out in historic costumes as they attended the Authors' breakfast which was held Saturday morning at the Furnace Creek Golf Course. Above, left to right, they are: Mms. Aim Morhardt, Hugh Tolford, and John Graves. The children are Melaine Graves (foreground) and Cynthia Tolford. **BELOW**—Lunch was served from a real Chuckwagon just prior to the start of the Flapjack Sweepstakes at the Stovepipe Wells Hotel.



**OLD FRIENDS MEET**—"Wild Bill" Reynolds, I, and former NWC Commander, Capt. Chas. Blenman, USN (Ret.) got together for an informal chat with an unidentified friend just prior to the start of the Burro Flapjack Sweepstakes. **BELOW**—Desert folklore aficionados rush to peruse the books and other written material that was presented for sale by well-known Desert authors who were present at the Authors' breakfast. Many books were sold and the authors' were on hand to autograph copies.



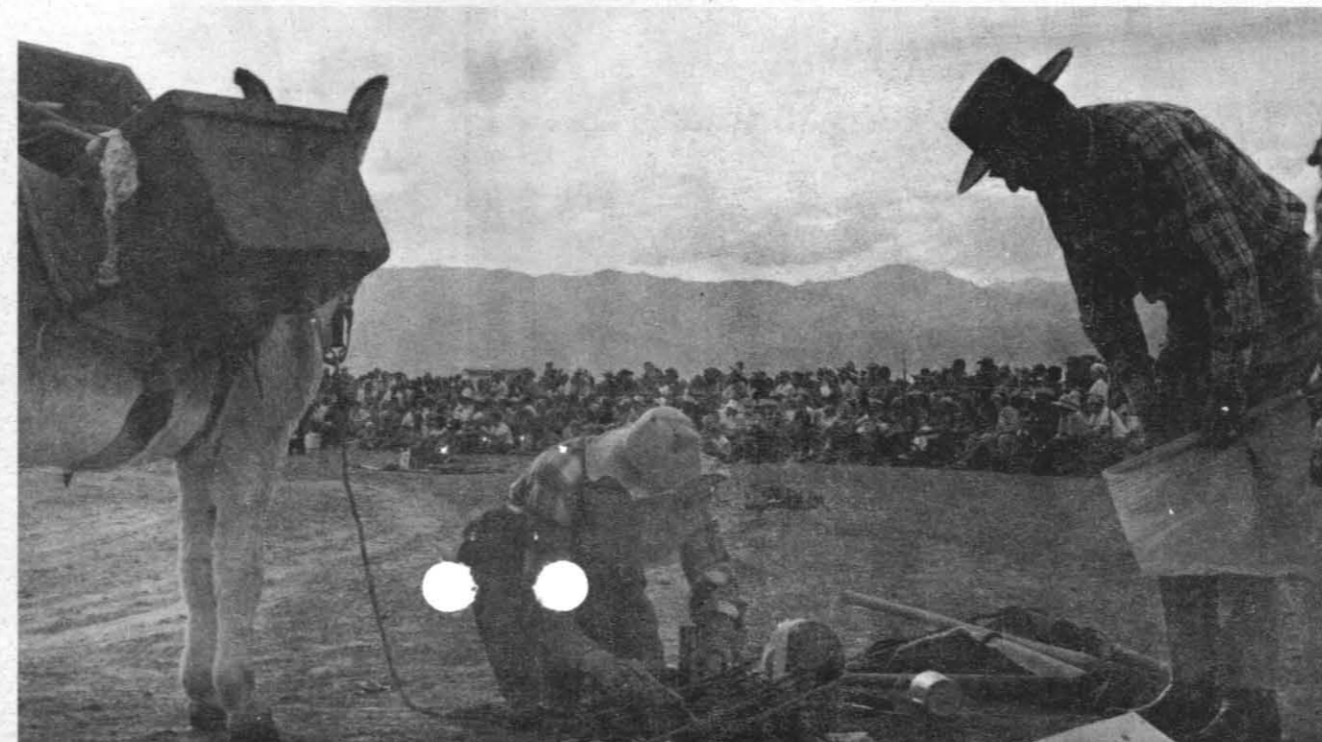
**FEATARED SPEAKER**—Richard F. Pourade, Editor Emeritus of the San Diego Union, was the featured speaker at the Authors' Breakfast during the 20th Annual Death Valley Encampment. George Koenig, chairman of the event is hidden behind the lectern. Rain continually threatened the entire encampment, but the event was successful.

Photos  
By  
William P. Valenteen, Jr.



**SIGNING UP NEW MEMBERS**—Capt. R. A. Gibson, (seated) one of the original members of the current Forty-niner organization, takes an application for membership from one of the many, many couples who attended the encampment for the very first

time. Aim Morhardt, of Bishop, the current president of the group, looks on approvingly at the proceedings. Membership in the Death Valley 49ers is open to all who appreciate our great desert heritage. To obtain one, write to '49ers Inc., Death Valley.



**FLAPJACK SWEEPSTAKES**—"Wild Bill" Reynolds was the Ridgecrest Chamber of Commerce's candidate in the Burro Flapjack Sweepstakes. Object of the contest is to load the burro, lead the burro, unload the burro and then feed the burro. Above a Forty-niner judge watches his performance for rules adherence.