



CHILDREN'S PARTY—Children of 1st and 2nd Class Petty Officers of the Naval Weapons Center, greet Santa Claus at the entrance to the Club Chaparral Monday, December 15 at a special Christmas Party sponsored by the Club. The children were also entertained by "Sparky," the Clown, and by Granny Goose. Refreshments were served and the children enjoyed many party games.

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 (The Parents' Magazine ratings will eventually be superseded completely by the MPAA ratings.)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.

ARENTS**
(A)—Adult
(Y)—Youths 13-17
(C)—Children 8-12
(M)—Mature for Y & C

FRIDAY DECEMBER 19
"SOUTHERN STAR" (106 Min.)
George Segal, Ursula Andress, Orson Welles
7:30 P.M.

(Comedy/Adventure) The Southern Star is a gigantic diamond. Comedy and adventure over the theft of the diamond with Orson Welles who steals the show. *(M), ***(A, MY).

Short: "Impossible Possum" (7 Min.)

SATURDAY DECEMBER 20
—MATINEE—
"POCKETFUL OF MIRACLES" (136 Min.)
Glenn Ford
1:00 P.M.
Shorts: "Canadian Mounted" (No. 3, 13 Min.)

—EVENING—
"DESPERADOS" (90 Min.)
Vince Edwards, Jack Palance, George Maharis, Sylvia Sims
7:30 P.M.

(Western) A group of southerners turn outlaw after the Civil War. Jack Palance, a silent-movie-type-villain, is the leader of the marauding guerrilla unit. His son (Edwards) deserts the gang for a life of domesticity. The outlaws locate him but he escapes with his friend the Marshall to trail the outlaws to their death. *(M), ***(A, Y).

Short: "Two By Two" (7 Min.)

SUNDAY-MONDAY DECEMBER 21-22
"CASTLE KEEP" (107 Min.)
Burt Lancaster, Patrick O'Neal, Peter Falk
7:30 P.M.

(War/Drama) WW-II action packed with mixed bag of original wit and unoriginal violence. One-eyed Major Bert Lancaster and his crew of eight motley soldiers take over Belgian castle for their quarters. Strangely enough the owner, a French Count, approves of the Major's love for his wife. War through a new and contemporary perspective. *(R), ***(Adult).

Short: "Hello Up There" (7 Min.)

TUESDAY-WEDNESDAY DECEMBER 23-24
"ACE HIGH" (122 Min.)
Eli Wallach, Terence Hill, Brock Peters
7:30 P.M.

(Western) Made in Italy with scenes covering the Old West, Mexico and the good-bad guy Eli Wallach who gallops along a vengeance trail. Exceedingly colorful characters in a brawl and scheme who shoot-it-up with abandon. Much of it is good fun! *(M), ***(Adult).

WEDNESDAY DECEMBER 24
SPECIAL CHRISTMAS MATINEE
1:00 P.M.

THERE WILL BE NO SHOW ON CHRISTMAS (Thursday, December 25)

FRIDAY DECEMBER 26
"ARRIVEDerci BABY" (105 Min.)
Tony Curtis, Rossano Schiaffino, Nancy Kwan
7:30 P.M.

(Comedy) This handsome confidence man loves 'em and leaves 'em in his quest for a fortune—and he's not above murder to get it! His misdeeds with the three girls are guaranteed to keep you laughing if you like spice. ***(Adult).

SATURDAY DECEMBER 27
—MATINEE—
"RARE BREED" (97 Min.)

James Stewart
1:00 P.M.
Shorts: "Fractured Friendship" (7 Min.)
"Canadian Mounted" (No. 4, 13 Min.)

—EVENING—
"GHOSTS ITALIAN STYLE" (94 Min.)
Sophia Loren, Vittorio Gassman
7:30 P.M.

(Comedy) The story concerns the head of an orphanage who is a suitor for the hand, etc., of Miss Loren, whose husband thinks the swain is a demented but generous ghost. Typical peculiarly Italian-oriented humor. *(G), ***(A, MY).

Short: "Billy Boy" (7 Min.)

SUNDAY-MONDAY DECEMBER 28-29
"2001: A SPACE ODESSY" (146 Min.)
Keir Dullea, Gary Lockwood
7:30 P.M.

(Space/Science Fiction) Spectacular science fiction of the world of the future. The space craft takes off to seek life on another planet after a communication artifact is discovered on the moon. Extraordinary special effects, both visual and aural. *(G), ***(A, Y, C).

TUESDAY-WEDNESDAY DECEMBER 30-31
"BEFORE WINTER COMES" (107 Min.)
David Niven, Anna Karina
7:30 P.M.

(Drama) A vivid portrayal of the refugee problem following WW-II. David Niven in an excellent role as a British officer trying to be just in sorting out displaced people according to instructions. Location shots near Salzburg, Austria. *(M), ***(A, MY).

Short: "Fast and Furryous" (7 Min.)

"THE LOVE GOD" (107 Min.)
Don Knotts, Anne Francis, Edmond O'Brien
7:30 P.M.

(Comedy) Abner Peacock (Don Knotts) in a new role as editor of a bird-watching magazine who gets involved with gangsters in the "smut" publishing business by accident. He winds up a kind of rural Hugh Hefner. A rogues' gallery of supporting players in the absurd and comical plot. *(M), ***(A, MY).

Short: "Psychedelic Pink" (7 Min.)

For information on movies to be shown at the Center Theater from January 2nd through the 8th, dial Code-A-Phone after January 2, Ext. 72411.



STRETCH YOUR BREAK—
Holiday travelers will be safer if they stop occasionally for coffee breaks. Above, an unknown lass holds a cup of java from one of the 15,000 restaurants across the country that will be participating in the Department of Transportation's National Coffee Safety Stop Program by providing free coffee to weary travelers.

★ SHARE IN FREEDOM ★

1969 Income Tax Guide Now Available to Centerites

To help you to prepare your federal income tax return for 1969, which, incidentally, has been completely revised, Mrs. Maryon Ward, Librarian, announces that the Center Library now has available J. K. Lasser's **Your Income Tax**.

This is one of the most complete tax guides now available and few publications can compare in offering so much tax information in such a compact and easy-to-read form. Not only is it a helpful guide in preparing your annual tax return, it is also a valuable year-round aid to investment, business, and personal decisions affecting federal income tax.

The book discusses changes

From _____ | STAMP _____
TO _____

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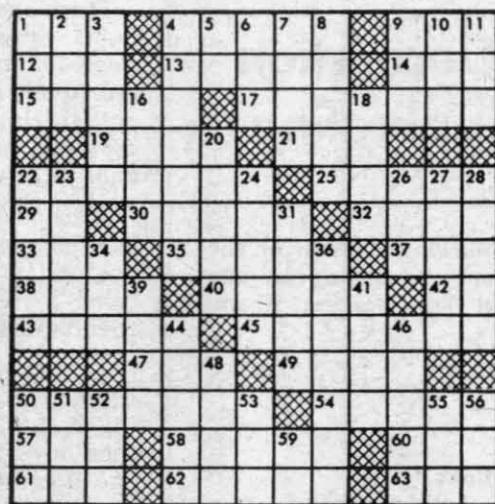
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Bicycle Safety Urged 9



Merry Christmas

CROSSWORD PUZZLE

- ACROSS
1-Plunge
4-Tireholder (colloq.)
9-Devoiced
12-Exist
13-Repulse
14-Click beetle
15-Having dull finish
17-Clothesmakers
19-Periods of time
21-Hawaiian wreath
22-Chastises
25-Saltate
29-Note of scale
30-Repasts
32-Stunted person
33-Man's name
35-Apothecary's weight (pl.)
37-Cry of sheep
38-Withered
40-Bog down
42-Note of scale
43-Puff up
45-Fell as rain and hail
47-Catch
49-Shakespearean king
50-Lawmaker
54-Small bottle
57-Hasten
58-Puff up
60-Mature
61-Skill
62-More recent
63-Parcel of land
- DOWN
1-Obstruct
2-Man's name
3-First Pope
4-Invented
5-Fronoun
6-Likely
7-Repast



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A HAPPY NEW YEAR TO ALL!

CHAPLAIN'S MESSAGE

To Whom Are You Listening?

Senior Chaplain Harold A. MacNeil



The Hanukkah-Christmas Season brings a message of peace and reminds us that "no man is an island" that we are interlocked in the social fabric of humanity. One has to be careful of the signals that one hears and how one reads the cues.

A contractor near a Navy Yard on the edge of a city became acquainted with the Chief Petty Officer who supervised the firing of the nine o'clock cannon. The contractor questioned the Chief, "Do you fire this cannon at the same time every evening?" "Yes," the Chief replied, "At nine on the dot, and I time it carefully with this watch. I check it every day by the jeweler's clock up on High Street."

Several days later the contractor entered the jeweler's shop and began talking to him, "That's a mighty fine clock you have there," he said, pointing to the prominent time-piece in the window.

"It keeps perfect time, in fact, that clock hasn't varied a second in two years" said the jeweler. "That's a wonderful record," said the contractor.

"Yes, and we have a perfect check on it too. Every evening at exactly nine on the dot, they fire the evening cannon at the Navy Yard and this clock is always right on the dot."

CNO Stresses Holiday Safety

During the coming Holiday Season, tens of thousands of our Navymen will be traveling the highways to be with friends and loved ones at this special time of good will toward men.

Driving during the Christmas holidays is particularly hazardous, because of the record numbers of vehicles on the nation's highways. Past experience has shown that tragedy will strike some, as a result of automobile accidents. During FY No. 1969, over 500 of our Navy Personnel were killed and many thousands more were injured in such accidents.

The very effective defensive driving course of the National Safety Council which is now being vigorously sponsored within the Navy Department, has not yet reached a majority of Navy personnel. But we know from experience the number of automobile accidents involving Navy personnel can be significantly reduced by influencing the attitudes of Navy drivers concerning the hazards of driving and the techniques of automobile accident prevention. We must do all that we can in this direction.

Commanding officers and others in positions of authority must take every positive interim step using every means at their disposal to ensure their personnel are made driving safety conscious prior to the holiday period. As a suggested beginning, personnel should be cautioned to:

- 1—Drive Defensively.
- 2—Avoid long distance and non-essential driving.
- 3—Make rest stops to insure continuing alertness.
- 4—Make allowances for weather and road conditions.
- 5—Avoid excessive speed.
- 6—Exhibit courtesy to other drivers.

The Navy's goal is zero accidents, zero injuries, and zero fatalities. Commanding Officers and others in authority are enjoined to work toward this goal with enthusiasm, zeal and dedication. Lives depend upon it.

T. H. Moorer, Adm., USN
Chief of Naval Operations

PROMOTIONAL OPPORTUNITIES

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 those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationships or patronage.

Clerk, GS-301-02 or 03, PD No. 17386, Code 8412—Processing incoming official visitors. Processing consists of contacting the people in various departments informing departments or persons of visits, maintaining cards on all official visitors by name, company or activity represented, clearance, basis of clearance, length of visit, contact and purpose. Answer will call on incoming official visitors, maintains action on visit requests from companies which have not been processed properly; also maintains card file on all visitors requiring clearance to the Center. **Minimum Qualification Requirements:** 6 months clerical experience at the GS-3 level. **Advancement Potential:** GS-4 level.

File applications for the above with **Carole Cadle, Bldg. 34, Rm. 26, X-71648.**

Telephone Operator, GS-303-4, Code 83441—Place a variety of special long distance calls (e.g., conference calls, collect calls, etc.) over varied circuits or routings or performing information operator work requiring a knowledge of the organizational units and major functions of the organization served. **Minimum Qualification Requirements:** 2 years experience in the above.

Computer Aid, GS-335-3 or 4, Code 1781—Located in the Operations Branch, Management Data Processing Staff, General Staff. Incumbent receives source documents and punched cards for Management Data Processing Operations in accordance with established procedures for work flow to the Operations Staff. Maintains close review over established schedules to insure schedules are being met. Prepares control documents for record and for transmittal of input data to keypunch control, and/or operations for processing. Edits and logs transmittals on incoming data. Develops forms for balancing control totals and devises a system for a series of control totals as a check against the completed report. **Minimum Qualification Requirements:** GS-3: 1 year general experience or 1 year of study in a school above the high school level or have completed a 400-700 hour computer training course or have an equivalent combination of experience, education and training; GS-4: 2 years of general experience or 2 years of study in a school above the high school level or completed on 800 or more hour computer training course (including programming) which included "hands on" access to computer equipment for the purpose of testing and debugging the programs prepared or an equivalent combination of the above. **Advancement Potential:** GS-3 may advance to GS-4.

File application for the above with **Sue Prasolowicz, Bldg. 34, Rm. 28, ext. 71577.** Clerk-Typist, PD No. 670012 Aml, GS-322-03/04, Code 7025—This position is located in the Public Works Department, Engineering Division. The incumbent will perform clerical duties and assist personnel in accomplishing assigned tasks. Duties include the preparation of reports, memorandums, letters, and maintaining a central filing system. **Minimum Qualification Requirements:** A. One year of appropriate experience or, B. education and/or experience as allowable in X-118 Series GS-322-03. A. Two years appropriate experience or, B. education and/or experience as allowable in X-118, Series GS-322 for GS-04 level. **Job Relevant Criteria:** Experience with the terminology used by Public Works Engineers to describe land parcels, easements, rights-of-way, etc. **Advancement Potential:** GS-4 level.

File applications with **Dora Childers, Code 657, Rm. 32, Bldg. 34, phone 71393.** Supervisory Engineer, GS-801-14, or Supervisory Engineering Technician, GS-802-14, PD No. 693015, Code 302—The incumbent is responsible for the management of the development, maintenance, and operations effort for the Code 302 ground range complex. This division is responsible for evaluation and testing of a wide variety of weapon systems and other ordnance items. **Minimum Qualification Requirements:** As specified in Handbook X-118. **Job Relevant Criteria:** Experience in the management of a large test range facility desired. **Advancement Potential:** The top grade level for this position is GS-14. **Supervisory General Engineer, GS-801-14** or **15, PD No. 150009, Code 304—**The incumbent is responsible for the management of research, development, and systems engineering an electro-optical, electro-mechanical, and electrical test range instrumentation and techniques for gathering, recording and processing data.

Protestant (All-Faith Chapel)—Morning Worship—9:50 a.m. Sunday School—8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant. Thursday—Service at 5:00 p.m. (Organ Prelude at 4:45 p.m.)

Roman Catholic (All-Faith Chapel)—Holy Mass—7, 8:30, and 11 a.m. Sunday. Daily Mass—11:30 a.m. in Blessed Sacrament Chapel, Saturday, 8:30 a.m.

Confessions—7 to 8 p.m. Saturday, and 8 to 8:25 a.m. Sunday.

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

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.

(Continued on Page 4)

'DESERT PHILOSOPHER'

Christmas Symbols

By "POP" LOFINCK



We have on this Naval Weapons Center and Mojave Desert area, living symbols of Christmas.

Referring to burros—the right name is ass. Jesus rode an ass into Jerusalem—thereby bestowing upon the ass the distinction of aiding in the establishment of Christianity! Bravo!

The Burro is therefore a living symbol of Christmas. The donkey is also an ass. But the donkey has been domesticated for centuries as a city or town animal of the Near East. The donkey is about the same relation to the burro as barnyard poultry is to poultry that run wild on a farm.

The natural habitat of the ass or burro is the hill country of Africa—somewhat similar to this Mojave Desert area.

The word "burro" comes from a Spanish word "burricus," meaning a small horse-like animal with big ears. The burro is one of the most intelligent of animals. They can be taught to do most anything.

Burros and Zebras are cousins. But the Zebra is very stupid. I've never heard of a Zebra being taught to do anything very well.

You sometimes find that difference among human cousins. When the early Spaniards got the fever for exploring what is now the Southwestern area of the United States, they imported many asses from Africa for pack animals.

As time went on and the Spanish explorers lost interest in exploring, many of their burro pack animals were just turned loose on their own, and the burros did all right.

As time went further on—as time always does—the mineral prospectors captured burros to carry their gear and groceries. That was easy when the burro was young. The burro became the standard transportation of the prospector.

Sometimes the prospector would strike it rich and turn the burro loose on its own again.

Sometimes the prospector would die. And the burros would multiply. That accounts for so many burros in this area today. Some people argue that they should be thinned out! Phooey!! I'm told of a shepherd who uses a burro instead of a dog.

If a sheep wanders too far out, the burro casually walks over and bites the sheep on the rump and gets the sheep back into the flock.

That shows how intelligent the burro is. Some years ago the high school wanted a burro for a mascot. I should catch one—not so easy!

Four of us, in my Jeep, maneuvered a few onto the dry lake. I managed to get the Jeep close enough to a burro about half grown. After several tries one of the guys got a lasso around the burro's neck and tied the rope to the Jeep. We all piled out to tie the burro up. It fought and kicked something awful. It reached out and got one man by the calf of his leg and he howled to get the burro off his leg. Phooey with his leg! We had to get the burro tied up first. We loaded it into a pick-up and took it to the corral at China Lake.

There it was well fed and pampered. Three days later I could walk up and scratch the belly of that burro in the corral.

So in three days that ferocious, fighting burro was that tame.

They like candy, petting and pampering. Get some scented candy down-wind from the burros that hang out around Panamint Springs' Restaurant and Bar and soon the burros will ease over to you. Then you get your picture taken.

Coming up Mountain Springs Canyon one day—I was changing a tire on my Jeep trailer. I felt a wet nuzzle on the back of my neck. Scared me! I thought it was a bear. It was a very young burro. Its mother had probably been killed or captured. That shows how trusting they are when very young.

I got into my jeep trailer and tied it down so it couldn't jump out and took it to my cabin at Junction Ranch.

They make wonderful pets for kids, except that nobody has yet invented a muffler for the noise they make when they Bray. So they can't be kept in town.

So a happy salute to our good friends the burros—living symbols of Christmas!

CENTER LIBRARY LISTS NEW BOOKS

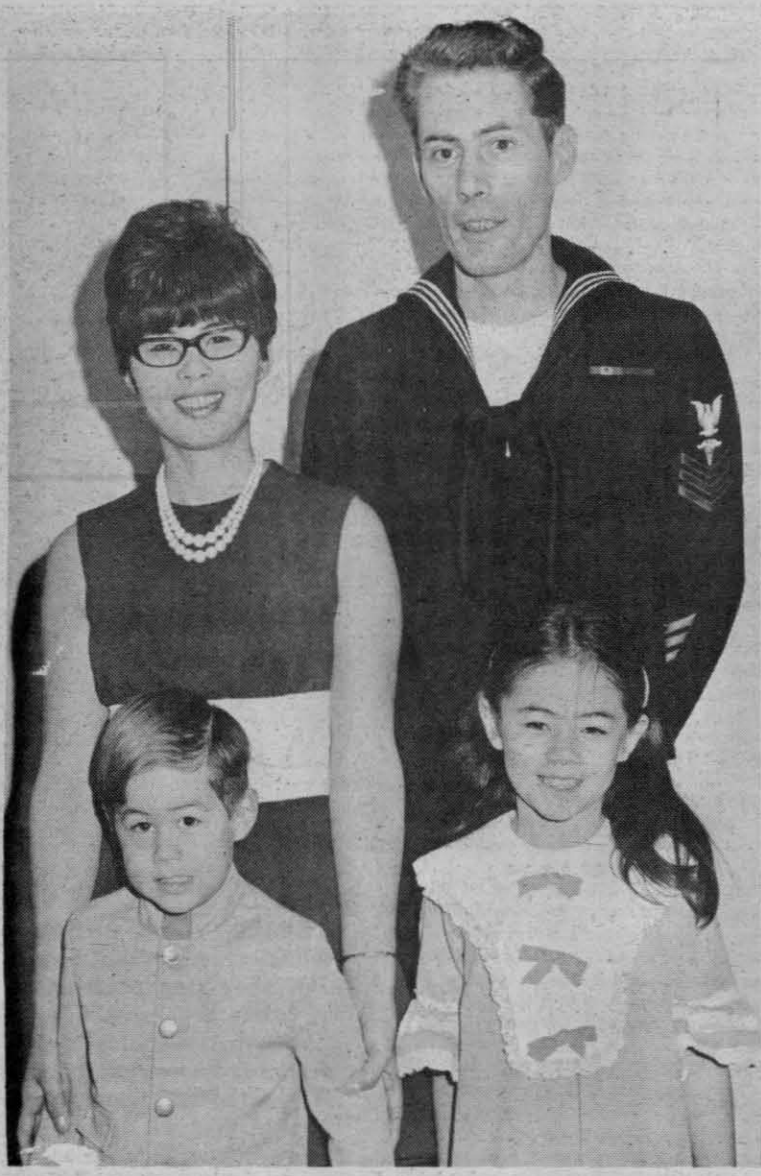
A complete list of new books is available in the library.

FICTION

- Bulgakov—Master and Margarita.
- Davis—The Third Half.
- Diky—Great Science Fiction Stories About the Moon.
- Holt—The Shivering Sands.
- Olsen—Silence on Monte Sole.

NON-FICTION

- Evans—Life on a Little-known Planet.
- Feuerstein—New Directions in German Architecture.
- Fortune—Youth in Turmoil.
- Hough—The Long Pursuit.
- King—My Life with Martin Luther King, Jr.
- Leckie—Buffalo Soldiers.
- Mathison—Three Cars in Every Garage.
- Sager—Speak Your Way to Success.
- Sunset—How To Grow House Plants.
- Thomas—Between Two Empires.
- Van Rensselaer—New Decorations with Pods, Cones, and Leaves.
- Wilkinson—Miracle Power for Today.



SHIPS FOR FOUR—HM1 David V. Toigo, his wife, Kumiko, and children, David, Jr., and Dawn Rie, smile following the X-ray Technician's reenlistment for four more years in the U.S. Navy. The 16-year veteran has been at the Naval Weapons Center since May 1968 and is employed at the Center Dispensary. Toigo and his family reside at 110 Searles St.

Traditional CHRISTMAS MENU

- NWC ENLISTED PERSONNEL MESS**
- | | | |
|--------------------------|----------------------------|-------------------------|
| Fresh Shrimp Cocktail | Turkey Rice Soup | Buttered Croutons |
| ROAST YOUNG TOM TURKEY | | |
| GRILLED BEEF TENDERLOIN | | |
| Savory Bread Dressing | Rich Brown Gravy | Sauteed Mushrooms |
| Snowflake Potatoes | Broccoli with Lemon Butter | |
| Mashed Sweet Potatoes | with Marshmallows | |
| Garden Green Salad | with French Dressing | |
| Stuffed Tomato | with Ham Salad | Chilled Cranberry Sauce |
| Carrot and Celery Sticks | Salad Bar | Relish Tray |
| Hot Rolls | Butter | Assorted Bread |
| Hot Mince Pie | with Hard Sauce | |
| Pumpkin Pie | with Whipped Cream | |
| Fruit Cake | Assorted Ice Cream | Assorted Candy |
| | Fresh Fruit Tray | |
| Hot Coffee | Iced Tea | Chilled Fresh Milk |

All Enlisted, Retired Military, Officers, Civilian Guests and Dependents are cordially invited to partake Christmas Dinner in the NWC General Mess. Dinner will be served between the hours of 1:00 and 3:30 p.m. on 25 December 1969. Charges for the Christmas meal for Enlisted Personnel on COMrats, Officers, Civilian Guests, and Dependents are as follows:

	Cost of Sur-Dinner Charge TOTAL	
1. Enlisted Personnel on COMRATS	\$.60	\$.00 \$.60
Retired Enlisted Personnel	.60	.00 .60
2. Dependents, Civilian Guests	.75	.10 .85
Officers	.75	.10 .85
3. Officers drawing Per Diem	.60	.50 1.10

All Personnel are requested to make reservations for the Christmas meal with the doorman at NAF or NWC Galley or by calling the Food Service Office, phone 72240.

Meal tickets may be purchased in advance at the Food Service Office, Bldg. 851.

Community Council Announces Christmas Decoration Contest

Once again the China Lake Community Council and the Ridgecrest Chamber of Commerce will co-sponsor their annual Christmas Decoration Contest, open to residents of China Lake and Ridgecrest.

The yearly event will take place on Monday night, December 22 for preliminary judging, with final judging to take place the following night.

The deadline for submitting Contest applications is Monday, December 22. All persons entering displays in the contest are asked to have the lights of their decorations turned on both evenings between the hours of 6 and 11 p.m.

Judging is to be based on originality, artistic merit, lighting techniques, and ingenuity. Prizes will be given for window decorations, outside yard decorations, and a sweepstake award, which will encompass both window and outside yard decorations.

Below is an entry application for your convenience.

1969 Christmas Decoration Contest Entry Application

I will have an entry in the following division of the Christmas Decoration Contest, sponsored jointly by the China Lake Community Council and the Ridgecrest Chamber of Commerce.

Check one only:

- Mobile Homes
- Window Decorations
- Outside Yard Decorations
- Sweepstakes (requires both window and yard decorations).
- Business Firms

Name Phone

Address

Entries must be mailed to the Christmas Decoration Contest, c/o Ridgecrest Chamber of Commerce, P. O. Box 771, Ridgecrest, Calif. 93555. Deadline for receipt of entries is Monday, December 22, 1969.



TO TEACH COURSE—Arthur G. New, recently elected as Public Education Officer for the U. S. Coast-Guard Auxiliary, Flotilla 76, at China Lake, will instruct a Basic Seamanship and Boat Handling Course, beginning Tuesday, January 13, at the Community Center. The course will last eight weeks. For information, call 446-6736 after 5 p. m., or during working hours at 375-7687.

Darwin Tiemann Writes Of Success In Worm Search

Darwin L. Tiemann, an engineer with the Optical Instrumentation Branch, Instrument Operations Division, has been so successful in his search for the "Railroad Worm," (Phrixothrix) in the jungles of Sao Paulo, Brazil, that he is extending his stay until the end of this month.

Tiemann, who is working under a grant from the National Geographic Society, (See the June 6 issue of THE ROCKETEER), reported in recent correspondence that he has found 106 examples of the elusive worm, which gets its nickname from the fact that it resembles a toy train at night with little lighted windows running down the side of its body.

An added dividend to Tiemann's search has been the discovery of two examples of the Phrixothrix which have never before been reported.

These specimen have all-red lights rather than the more common many-colored examples. Another completely different specimen, which he has captured, has a greenish-white light in its head.

Tiemann's technique in locating the worms is unusual and unique. He searches at night, using a fluorescent lamp and firecrackers.

The explosion of the fire-crackers excite the worm, causing it to "light up." Tiemann then uses the lamp to locate and identify the specimen.

After capture, he stores them in plastic ice boxes, to which he adds two or three ice cubes per day. This procedure is necessary because of the tropical heat in the area of Brazil where Tiemann is working.

Following his return from Brazil, Tiemann will first visit Washington, D. C., where he will report his findings. He will then return to China Lake sometime in January.

ROCKETEER SPORTS

Jerry Steele Fires 649 Navy Gains on Leader

China Lake Navy had a 2828 series Monday night to lead the Premier League in scoring while taking 13 points from Kirkpatrick's Carpets. Lanes 9 and 10, where the match was held, were blasted for three 600-plus series, led by Jerry Steele's 222-226-649. Warren Schad, bowling for Kirkpatrick's, fired 237 and 212 enroute to a 628 series. Floyd Maxwell, who also bowls for Kirkpatrick's, shot 234 and 212, winding up with a 611 series.

Bill Esch, of Boyd's Auto, who took 13½ points from AV Trophy, had games of 211 and 216, ending with a 609 series. Elmer Davis, of Tom's Place, who dropped 14 points to the Starlite Room, shot 224 and 203 enroute to a 599 series.

Other high games for the evening: Dick Furstenberg, 234; Bill Mitchell and Gordon Wicklund, 219; Ray Schreiber, 214 and 205; Chuck Cutsinger, 212; George Bowles, 213 and 203; Alex Ribultan, 210 and 202.

Standings are listed at the bottom of this page.

Prep League

Tony Pfau had games of 131 and 103 to lead the league last Saturday. Other fine games by these young bowlers: Mark Schoenhals, 114 and 106; David Furstenberg, 103 and 112; Kim McNew, 118; Russell Preul, 105; Linda Herbstreit, 104, and Kristin Latimer, 103.

Young Larry Riley, whose average is only 36, shot a 77, his career high.

Sunday Mixed

The Misfits had high game and series Sunday, December 7, as they shot a 966 and a 2721. John Shepherd had high individual series with a 580. Ralph Vuono led the men's high game, rolling a 219.

Betty Lou Logue led the staff keggers, shooting a 203 enroute to a 568 series.

Women Wed. Nite

The Hideaway won all the marbles Wednesday, December 10, shooting a 994 game and a 2792 series. Pat Maddux shot

a 197 and a 548 to lead the league in both game and series categories.

Blanche McKernan shot her lifetime high score, a 192. Blanche's average is only 120.

Desert League

The Roadrunners shot a 1038 game and the Chargers a 2982 series as Allen Smith shot games of 206, 193 and 199 for a 598 series. John Ito had high game with a 223.

Thurs. Aft. Trio

Eve's Hobby Shop had a 600 and a 1679 to win both game and series honors December 11. Karren Bassett had the high women's scratch series, a 524 effort. Jean Rockwell led the individual game list with a 224.

The Bowlaholics, with 31.5 wins, are in first place, followed by Desert Tavern and Grandmas, with 30.5 and 30 wins respectively.

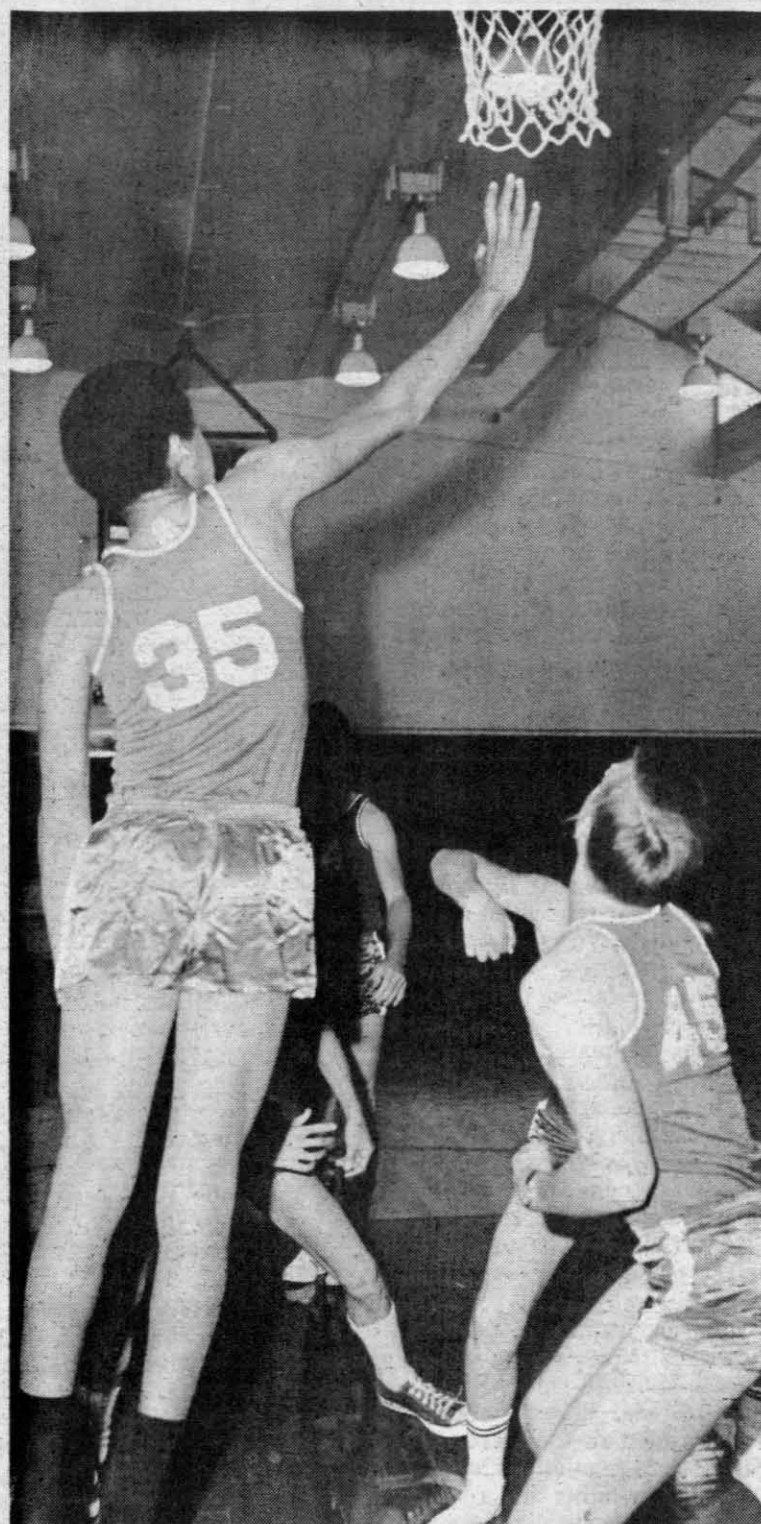
Military Ball & Chain

Mercury Moving had a 793 game to lead the teams while The Unaccountables shot a 2465 series. Lynn Card led the men's scoring with a 233 and a 601, while Sallie Stephenson again showed her heels to the ladies, shooting 187 and 536.

Midway League

The Chillers remain precariously atop the Midway League after dropping four games to the "Live Five" last Tuesday night, and are now two games ahead of the Mixers, and General Dynamics.

High team series was rolled by NAF who pounded out a 2577. Individual honors were won by A. Clodfelter, who took high game with a 246. Jan Geiger shot a 232.



UP AND IN—Darryl Dunn (No. 35), in the act of tipping in the ball, and Dennis Skinner, (No. 45), members of the Youth Center, are shown during a practice session at the NWC Gymnasium. The youthful hopefuls will participate in a basketball league to be sponsored by the Youth Center. Registration for teams in one of the five leagues will continue through December 24. Persons desiring further information are requested to contact the Youth Center, Ext. 72-909.

C. L. Bowman, Youth Center, VFW Sponsor JOAD Tourney Jan. 10

The China Lake Bowman, in cooperation with the Youth Center and Veterans of Foreign Wars Ship of Lloyd Frost No. 4084, will sponsor a JOAD Archery Tournament on Satur-

day, January 10. The shoot will be held at the Bowman's Hut, which is located near the Center Dog Pound.



divisions will be given. The tournament is open to all JOAD, Youth Center and other young archers under the age of 18.

This tournament is being held in preparation for the International Open to be held in Las Vegas on January 15.

For further information call Gordon Oland, 375-8989, or Dick Bullock, 446-3107.

IWV Swim Team Scores 272 Points Against AV YMCA

The Indian Wells Valley Swim Team traveled to Lancaster on Saturday, December 13, to compete against the Antelope Valley YMCA in a Wint' Swim Meet.

The red-suits walked off with 48 first place finishes out of 70 events, winning the meet by a score of 272 to 164.

Captained by Jean Chatterton and Rick Bjorklund, the 75 members of the local swim club put on a dazzling display of aquatic prowess. The winners in the various events are as follows:

Individual Medley—8 and under, Karen Hayes; 9 and 10 year olds, Steve Hamm; 11 and 12, Cindy Smith; boys 11 and 12, Mike Hamm; girls 13 and 14, Jane McGlothlin; and boys 15 to 17, Rick Bjorklund.

Freestyle—Boys 7 and 8, Kirk Odenrantz; girls 9 and 10, 25-yd. freestyle, and 50-yd. freestyle, Carol Boyd; girls 11 and 12, 50-yd. freestyle, Cindy Smith; boys 50-yd. freestyle, 11 and 12, Mike Hamm; 11 and 12 100-yd. freestyle, David Deis; girls 12 and 14, 50- and 100-yd. freestyle, Kris Bjorklund; boys 13 and 14, 50-yd. and 100-yd. freestyle, Randy Brown and Richard Ender; boys 15 to 17 freestyle, Rick Bjorklund.

Butterfly Events—girls 7 and 8, Carol Knemeyer, boys, Kirk Odenrantz; boys 9 and 10, Steve Hamm; girls 11 and 12, Cindy Smith, boys, David Boyd; Girls 13 and 14, Jeanie Kaufman; boys 15 to 17, Rick Bjorklund.

Backstroke events—girls 7 and 8, Nancy Gilkensen; girls 9 and 10, Kris Odenrantz, boys, Steve Hamm; girls 11 and 12, Jayne Stillwell, boys, Mike Hamm; girls 13 and 14, Kris Bjorklund, boys, Randy Brown; boys 15 to 17, Jon Allan.

Breaststroke Events—girls 7 and 8, Louise Hugo, boys, Kirk Odenrantz; girls 9 and 10, Lori Noland, boys, Gary Mahlum; girls 11 and 12, Cindy Smith, boys, Mike Hamm; girls 13 and 14, Kris Bjorklund; boys 15 to 17, Rick Bjorklund.

Relay Teams—girls 7 and 8, Louise Hugo, Carol Knemeyer, Marguerite Bagge and Karen Hayes; boys, Ricky Noland, Karl Nicholson, Tommy Amlie and Kirk Odenrantz; girls 9 and 10, Carol Boyd, Kris Odenrantz, Lorri Falterman and Lori Noland; girls 11 and 12, Elaine Forrester, Laurie Adicoff, Ronnie Sue Kaufman and Cindy Smith; boys 11 and 12, Mike Hamm, David Boyd, Richard Mello and David Deis; girls 13 and 14, Linda DeMarco, Jane McGlothlin, Jeanie Kaufman and Kris Bjorklund; boys 13 and 14, Keith Adicoff, Steve Forrester, John Smith and Randy Brown; boys 15 to 17, Vince Villa, Rick Bjorklund, Jon Allan and Richard Ender.

12-Week Course In Scuba Diving

A 12-week course in bas. scuba diving will be given by the Sage Sharks Diving Club, beginning Tuesday, January 6 at 7:30 p.m. at the Station Swimming Pool.

The course is open to persons who are 15 years of age or older, and who are good swimmers.



"AWAY IN A MANGER"—Two religious holidays are depicted in this scene in front of the All Faith Chapel on the Naval Weapons Center. The Manger scene in the foreground recalls the tale of the Three Wise Men who found the blessed Jesus in a stable

in Bethlehem, while in the background, the Chanukah candles, (or Menorah), remind the Jewish community of the battle for religious freedom their forebearers won many Centuries ago.

—Photo By PH2 M. F. Krause

Captain Etheridge, Dr. Amlie Wish All A Merry Christmas

Now that the Christmas season is here, our thoughts are drawn toward a time of peace and rejoicing. With this in mind, it is our sincere wish that the people of the Naval Weapons Center have a very merry Christmas and a happy New Year.

During the past year there have been many changes in plans involving the Center, and more changes to come in the year ahead. We are grateful to all the people, military and civilian who have contributed to our mission at the Center. It has been with a high degree of professionalism and accomplishment that our many challenges have been met. Your efforts have been recognized and appreciated.

We hope that you and your families will enjoy the holiday season and may the new year bring peace and happiness to all.

CAPT. M. R. Etheridge, USN
Commander
Naval Weapons Center

Dr. Thomas S. Amlie
Technical Director
Naval Weapons Center

Career Naval Personnel Can Get Degree Through ADCOP Program

The annual influx of applications for the Navy's Associate Degree Completion Program (ADCOP) is currently underway. By the deadline of December 31, it is anticipated that some 2400 applications will have been received, an increase of 500 over the total for fiscal year 1970.

Some 385 petty officers have entered junior college during fiscal year 1970 under ADCOP. Fifty-four of the Navy's 68 ratings are represented.

The advantages of this program are obvious to someone who intends to make the naval service his career. It affords the opportunity to acquire an associate degree during one's period of active duty. The need for such a degree is clear when considered in relation to post-retirement employment.

Less tangible, but no less important, are the benefits accrued for the remainder of a Navy career: for example, an enhancement of an ADCOP graduate's competitive status in subsequent application for officer programs.

The current instruction governing submission of applications for ADCOP is BUPERS-INST 1510.107A. This year's eligibility requirements are similar to those of last year with some exceptions, notably the easing of the requirement

that an applicant be a high school graduate or have attended high school for three years.

The new alternative provides that eligibility may be established by completion of certain units of high school and college level work in English and mathematics in lieu of three years attendance at high school.

If there is any drawback to ADCOP it is the fact that due to budgetary restrictions it cannot be offered to all qualified petty officers. While this situation may not be corrected immediately, it is hoped that the program can be expanded in future years to give most of the eligible petty officers an opportunity to participate.

The ADCOP selection board is scheduled to convene in March 1970 and personnel selected will be notified by letter shortly after the board finishes its proceedings.

Organ Concert To Highlight Service Of Protestants

A concert of Seasonal Sacred Music and Candlelight Service highlight the plans for the All-Faith Chapel Protestant congregation's observance of Christmas Eve.

Beginning at 6:30 p.m., an hour of organ music featuring Choral Preludes by J. S. Bach and other selections will be presented by organist J. Paul Cochran of the Naval Air Facility.

Mr. Cochran, a graduate of Hanover College, Hanover, Indiana with a B. A. in Music, has also studied one year at the American University of Beirut, Beirut, Lebanon, and has done some graduate work at Memphis State University, Memphis, Tennessee.

Prior to his assignment at China Lake, Mr. Cochran has served as Chapel organist at the Naval Training Command, Great Lakes and Naval Air Station, Memphis.

At 7:30 p.m., following the Organ Concert, the annual Candlelight Service will be presented and will feature Choral selections by the Adult and Junior Choirs, under the direction of Mrs. Robert Leonard; Congregational singing of Christmas carols; and the traditional lighting of the Christmas Candles. The evening will conclude with the choirs presenting "The Hallelujah Chorus" from Handel's Messiah.

Both the Organ Concert and Candlelight Service are open to the public. Families are invited, and the Chapel Nursery facilities will be available for small children.

Aetna Agent At Community Center Tuesday, Dec. 23

The Aetna Insurance representative, Mr. Howard Keenan, will be at the Community Center next Tuesday, December 23, from 9 a.m. until 4:30 p.m.



Come, let us adore Him!

WACOM Plans COM Dance

The Women's Auxiliary of the Commissioned Officers' Mess is sponsoring a semi-formal dance for all high school and college age young people on Tuesday, December 23, from 8 p.m. to 12 p.m., at the Club.

The "Rubber Band" will provide dance music. Tickets are \$1 per person and can be purchased at the door.

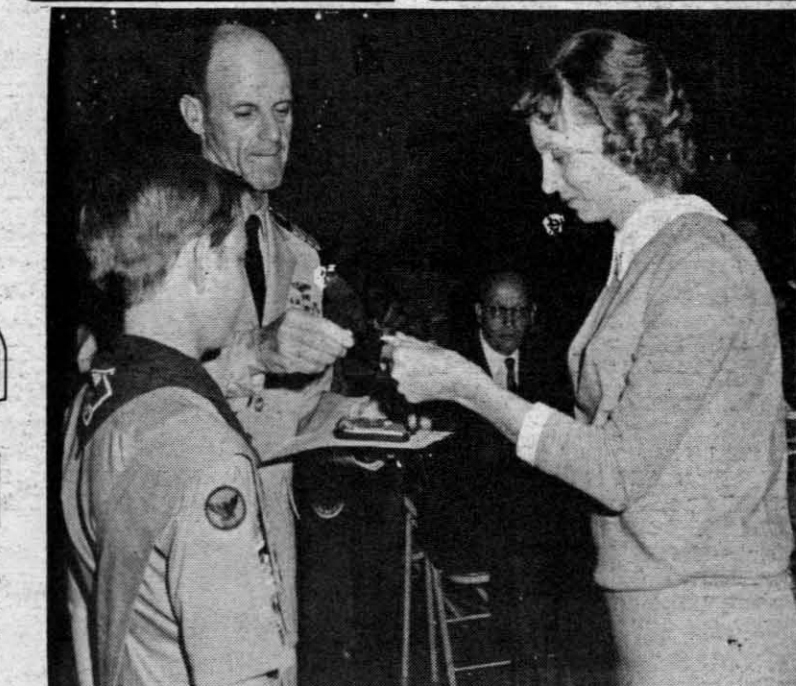
WACOM announces that they still have a supply of

WACOM's cookbook for those last-minute Christmas shoppers. Recipes from all over the world are included in this hard-bound cookbook, priced at just \$3.00. Copies can be obtained from Mrs. Virginia Murphy, Ridgecrest, 446-2161.

- ★ PUT YOUR MONEY WHERE
- ★ YOUR HEART IS — IN AMERICA
- ★ Sign up for
- ★ U.S. Savings Bonds
- ★ New Freedom Shares

Bowling Gig

The Bowling Gig, scheduled for December 20, has been cancelled due to lack of entries, according to Jeanne Crom, one of the adult organizers of the event.



NEW EAGLE SCOUT—Capt. J. K. McConeghy, Jr. NWC Executive Officer, presents the Eagle Scout award to Mrs. Carolyn Bray, (r), who will pin the award on her son Glenn Bray, Jr., (l). The new Eagle Scout is only 13 years old and is a member of Troop No. 33 of China Lake. His father, Glenn Bray, Sr., is the Troop's Scoutmaster. The award is made at the Elks Hall, in Ridgecrest. The BPOE, Lodge 1913, are sponsors of Troop 13.



THEY'RE OFF—Participants at the Motorcycle Field Meet held Saturday, December 13, compete in a back-up race at Satellite Lake on the Center. There were many field events, including egg-on-the-spoon races, boot race, slow race, and many more. In addition, those in attendance were treated to many tips on safe operation of a motorcycle. Mike Biddlingmeier was tops in the point

department, and winner of the Meet. Mike is the President of Explorer Post 800. Jim Bowen came in second, and Frank Cater and Austin Ball tied for third place. Jimmy Ball won the "Good Sportsmanship" award. John Corneft received the "Bad Luck" trophy. Sol Sherman of NWC Security, Gordon Chantler, and Billie Hise spoke on motorcycling safety.

Community Council Holds Annual No-Host Dinner Meeting Dec. 9

The China Lake Community Council held its annual No-Host dinner meeting at the Commissioned Officers' Mess, Tuesday, December 9. The occasion was a combined social and business gathering. Bob Ritchie, of the Ridgecrest Chamber of Commerce, was presented with an appreciation award by the Board of Directors for his liaison work between the two communities.

Development of medical and commercial services and facilities—Bill Arnold, Chairman, and two member spots open.

In other business, Ken Austerman, Representative of Precincts 3 and 7, and the Community Council representative on the Safe Driving Council, reported on the education program that the Safety Department and the Gypsy Wheels, Sandblasters and Desert Dwellers Motorcycle Clubs are currently giving on motorcycles.

These classes are held every Saturday at Satellite Lake, and consist of a series of motorcycle events, combined with safe driving tips. Austerman reported on the first event, held December 13, informing the Council of its success.

The Council was also told of the forming of an Explorer Scout Motorcycle Post, with meetings to take place at the old Archery Hut. Persons interested in learning more about this new Explorer Post are urged to write: Explorer Post, P. O. Box 5709, China Lake, California.

Wardna Abernathy, Representative of Precincts 4 and 8, Chairman of the Christmas Decoration Committee, announced that the Community Council, in conjunction with the Ridgecrest Chamber of Commerce, will once again sponsor a Christmas Decoration Contest. Details of the contest may be found elsewhere in this issue of THE ROCKETEER.

Mrs. Abernathy also suggested that plans should be made for a Christmas Parade to take place in the Indian Wells Valley, and to be held soon after Thanksgiving each year.

John Emery, President of the Council, appointed Mrs. Abernathy permanent Chairman of the Christmas Activity. Ken Austerman was appointed a co-chairman of the Miss Ridgecrest-China Lake Pageant at the meeting.

In addition, the Community Council unanimously favored the Safety Council resolution that street lights be installed at the intersection of Dorado and Richmond, Lauritsen and Richmond, and Blandy and Richmond.

One further item of business at the annual meeting was the naming of completely restructured Standing Committees. They are as follows:

Ways and Means (Assures adequate finances for Council functions)—Bob Young, Chairman; Ruth Schuyler, member; one member, open.

Civic Affairs (Encourages improvement and development of recreational, cultural, educational and civic resources)—Ted Bergman, Chairman, and two member spots open.

Publicity (To improve communications and promote interest in the Community Council)—Ruth Schuyler, Chairman; Wardna Abernathy and a Burroughs High School representative, members.

Services (Encourages development

Housing and Community Improvements (Encourages development and maintenance of an adequate and attractive housing and community area. Maintains membership on the Landlord-Tenant Relations Committee)—George Ness, Chairman; Phillip Gill, member, and one member spot open.

Nominating Committee (Receives and tabulates nominations for vacant positions on the Council)—Ruth Schuyler, Chairman; John Emery and Wardna Abernathy, members.

Ad Hoc Committees
TV Booster (Jointly with the Ridgecrest CoC)—Bob Young, Council Co-Chairman, and Tony Martin, Chamber Co-Chairman.

Liaisons
Employee Services Board—Ted Bergman.

Recreation Council—Bob Young.

Safe Driving Council—Ken Austerman.

China Lake Park Commission—Ted Bergman.

Indian Wells Valley Community Safety Council—Ken Austerman.

Community Hearing Board—George Ness, member; Jack Dragovich, alternate; Wardna Abernathy, member; and Bill Arnold, alternate.

Community Policy Board—John Emery, member; Bob Young, alternate.

Miss Ridgecrest-China Lake Pageant—John Emery.

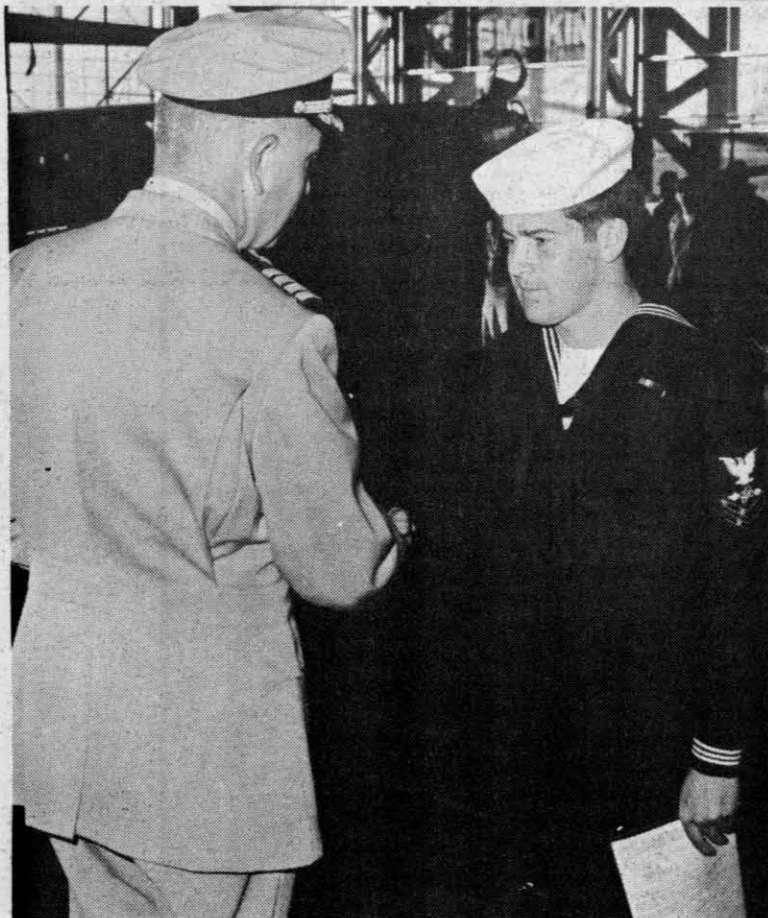
Christmas Decoration Contest—Wardna Abernathy.

Parliamentarian—Bob Young.

Historian—Wardna Abernathy.

FM Translator—Bill Hattabaugh.

Any member of the Community desiring to serve on any of the above committees is urged to contact a member of the Community Council for more information.



LETTER OF COMMENDATION—Capt. L. A. Dewing, (1), commanding officer of the Naval Air Facility, congratulates AT2 James A. Lewis, after presenting the enlisted man with a Letter of Commendation from Radm. H. L. Miller, Commander NATTC, Patuxent River, Md. The commendation was for outstanding assistance rendered by Lewis during a series of tests of China Lake of NATC aircraft.



CHRISTMAS CONCERT—Members of the Desert Campus Choir, led by Russ Parker, presented their annual Christmas Concert Monday, December 15, in the All Faith Chapel. The choir sang two major contemporary choral works: "Beat! Beat! Drums!"

by Howard Hanson, and "The Christmas Story," by Ron Nelson, and featuring Alan C. Kubik, music and drama instructor at Burroughs High School, in the role of the narrator. A reception in the East Wing followed the concert.

'Old-Fashioned' Christmas Theme Of BPW Annual Yule Observance

An "old-fashioned" Christmas observance that began with an invocation and the pledge of allegiance was held recently at the Center Restaurant by the China Lake Business and Professional Women's Club.

Carrying out the "old-fashioned" theme, the programs, door prizes and gifts were either home-made or homey in nature, such as the Blue Chip Stamp Books given for one door prize. A fruitcake, various Christmas goodies, a flower arrangement, and a hand-crocheted tablecloth—all hand-made, were among the door prizes. There were hand-decorated program covers and the favors and table decorations were also hand-crafted.

While Santa's helpers, Marion Hartsness and Hazel Campbell, distributed the "home-made" gifts, the members and guests sang Christmas carols with organ accompaniment by Mary Neufeld.

Florence Green, who has been active in local drama circles for many years, presented readings of Christmas poems written by Rod McKuen. Mrs. Green's drama accomplishments include starring in "No Exit," assistant directing, painting stage sets and costuming.

Special guest in attendance was Jan Edwards, president of Kern Desert BPWC. June Renfro was program coordinator and President Irene Branham presided. Cordia Lea Tankersley gave the invocation and Sharon Brown led the pledge of allegiance. Marjorie Reed closed the meeting with the reading of the Collect.



EOD ASSISTANT—CWO-4 William W. Jones of New Albany, Indiana reported to the Center recently for duty as Assistant O-in-C of the Explosive Ordnance Disposal Detachment, Code 145—a segment of the Technical Officer's Staff. Warrant Officer Jones comes to the Center from Skiffes Creek Annex of the Naval Weapons Station located in Yorktown, Virginia where he was O-in-C of the EOD Detachment. He entered the Navy in October 1943, and received his commission in September 1957. He and his wife, Bernadine; Linda Jane, 13; and David, 10, live at 50-B Burroughs on the Center.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

ducting, and utilizing test data. Minimum Qualification Requirements: As specified in Handbook X-118. Job Relevant Criteria: Experience in the management of a facility developing range instrument systems and techniques is desired. Advancement Potential: GS-14 may advance to GS-15.

File applications for above with Joan MacIntosh, Bldg. 34, Rm. 34, Ph. 71471.

Clerk-Stenographer, GS-312-5, PD No. 555011, Code 5571—Incumbent is responsible for obtaining and assembling various statistical, technical and analytical data for oral or written presentations made by Systems Office personnel to various government agencies and contractor representatives. Selects the best arrangements and format for presentation of the data including tabulated charts, graphs and fiscal data displays. Is responsible for the preparation and distribution of a large number of progress reports, fiscal accounting and test data summaries. Takes and transcribes dictation which involves specialized terminology encountered in a wide range of technical fields. Greets visitors, arranges their agenda and meetings, receives all telephone calls, receives and reads all mail, and where possible responds to inquiries (written and oral) based on knowledge of office operations. Maintains files and control records on all correspondence and classified documents. Provides technical supervision to a Clerk Typist, GS-4. Minimum Qualification Requirements: a) Successful completion of two academic years of substantially full-time study in a resident school above the high school level; or b) Two years of appropriate experience; or c) One year of education as described in "a)" above plus one year of appropriate experience. Appropriate experience is defined in CSC Qualifications Handbook X-118, GS-300 Series, Relevant Position Elements: Ability to work independently of close supervision and to arrange work priorities. Ability to greet and communicate with government and non-government representatives; ability to work under pressure and meet short suspense deadlines; demonstrated skill in arranging technical material for oral and written presentations.

File applications with Pat Gaunt, Rm. 34, Bldg. 34, Phone 71514.

Local Youths To Present 'Living Christmas' Cards

Living Christmas cards will be presented on the Chapel lawn four evenings next week by the Senior High Youth Fellowship of the All-Faith Chapel. The young people will portray the Christmas scenes, along with Christmas carols, on the west side of the front of the Chapel lawn.

The living Christmas cards will be given on Sunday, Dec. 21, from 6:15 to 6:45 p.m.; Monday, Dec. 22, from 4:30 to 5 p.m.; Tuesday, Dec. 23, from 7 to 7:30 p.m.; and on Wednesday, Dec. 24, from 6 to 6:30 p.m.

The public is invited to view each of these showings.

National Safety Council Survey Reveals Bicycle Accident Causes

National Safety Council research shows that two out of every three bicycle accidents occur to riders who have failed to follow the rules of the road. One out of every five bikes involved in these accidents were mechanically defective in some way . . . brakes not working properly, no signaling device and so on. One out of four auto-bike accidents were caused by the motorist. Thus it can be seen that most accidents are caused by ignorance of the law by both cyclist and motorist and by poor mechanical operation of bikes.

In recent surveys, improper turns at intersections, failure to use brakes, carrying an extra passenger, and not having the right of way contributed to 6 percent of all accidents to cyclists.

Of over 300 bicycles inspected in one school district recently, all were found defective in one or more ways that could contribute to the incidence of accident to the cyclists. Lack of a tail light or reflector, worn out fork bearings and loose pedals and handlebars led the list of mechanical offenses.

The need is apparent. Children and adults alike—cyclists and motorists—must know and obey the rules of the road, operate their vehicles safely, and make sure that bikes are in good working order.

Rules of the Road

Traffic regulations for bikes vary from state to state, and sometimes from town to town within the state. Generally bicycles are considered vehicles and are subject to the same rules which govern cars, trucks and other vehicular traffic. The safety officer of your school or police department can tell you the law in your community.

Here are 12 basic rules of the road, approved by the Bicycle Institute of America and accepted by thousands of communities across the country. Bike riders should know them all.

- 1—Obey all traffic regulations signs and lights.
- 2—Keep to the right and ride in a straight line. Always ride single file.
- 3—Have a white light in front and a red light or reflector in back.
- 4—Have a working signaling device, such as a horn or bell.
- 5—Give pedestrians the right of way. Avoid sidewalk riding.
- 6—Look out for parked cars pulling into traffic. Watch for doors opening on parked cars.
- 7—Never hitch on other vehicles, stunt, or race in traffic.
- 8—Carry no passengers or objects which interfere with vision or control.
- 9—Make sure brakes are functioning smoothly. Keep your bike in perfect operating condition.
- 10—Look to the right and left at all intersections.
- 11—Always use proper hand signals for turning or stopping.
- 12—Don't weave in and out of traffic or swerve from side to side.

The importance of having a bicycle in good mechanical condition and, properly equipped, must be constantly stressed.

Parents should insist that the bicycles operated by their children be in top riding condition, properly equipped with lamps, reflectors, brakes and bells or horns. Bicycles should be purchased only if fully equipped with the safety accessories prescribed by law.

The most serious defect, according to the Council, is the lack of proper light equipment. The lack of headlamps and rear reflectors, or rear lamps, is a major cause of accidents at night. A reflector should be required on the rear fender of every bicycle with or without a tail-lamp, unless the lens of the lamp is properly designed to reflect light.

The coloring of a bicycle, particularly its rear fender, has an important effect upon its visibility. Light-colored paint is desirable. It is possible to apply white or other light colors on the rear fenders of darkly painted bicycles for decorative purposes. Reflection tape can be effective in increasing bike visibility.

Brakes adequate to skid the rear wheels upon a dry clean pavement are lacking on many bicycles. Many are not equipped with proper warning devices. Wheels and spokes, steering bar and front fork sprockets and chain, pedals and mudguards often are in poor condition.

The cooperation of parents and teachers in teaching safety rules to youthful riders is urgently needed. Parents should be informed of the need for obedience to regulations, of the necessity for lights and reflectors, of the especially hazardous locations for riding, of the circumstances attending accidents, and of other important facts so that they may intelligently guide the behavior of their children riding bicycles.

New Boy Scout Motorcycle Post Is Organized

The new Motorcycle Explorer Post of the Southern Sierra Council, Post 800, held their first meeting on Tuesday, December 9 and among other items of agenda elected their officers.

Elected to the position of President was Mike Biddlingmeier. Frank Cattern was elected as Vice-President and Newton Cattern was elected as the Secretary-Treasurer.

A committee was organized to establish the post's by-laws. This committee is made up of Jim Witham, Mike Becker, and Craig Becker. The committee will meet at the home of Mr. Six, Explorer Advisor, to write the by-laws for submission to the Post for approval as soon as possible.

Another agenda item was the discussion of club colors, club uniform and a club patch. These items were tabled until a club patch could be established. Each member is going to draw a patch to his liking and all will be submitted for a vote at the next meeting.

The present membership total is 8 with an increasing number of applications.

Desert Campus To Adopt Credit-No-Credit Grading

According to Raymond Marsh, Administrative Assistant at the Desert Campus, Bakersfield College, the local campus will adopt Credit—No-Credit grading, to go into effect next semester.

Credit—No-Credit is a new type of grading that will enable students to take certain courses without jeopardizing their grade point average.

However, students are warned, this new grading is not for everyone. It can be harmful if misused. It is primarily for students who already have a degree, or are interested in enrolling in a course without receiving a letter grade, or for those who might wish to take a subject outside their major.

If a grade is completed with a subject of C or higher, credit will be allowed, but a CR will be recorded instead of a letter grade on the student's transcript.

Before taking a Credit—No-Credit course, students should consider the following:

Only three units of Credit—No-Credit are allowed per semester; and only 12 units of Credit—No-Credit may apply toward an AA degree.

Other points to consider are: Will the four-year college the student plans to attend accept the new grading system (most transfer institutions will accept a maximum of 12 units)?

Credit—No-Credit courses may not be taken in the student's major field of study.

Credit grades may not be used in determining a student's Grade Point Average at the University of California.

Some state colleges stipulate that courses used to satisfy general education requirements may not be taken on a Credit—No-Credit basis.

Before a student enrolls in a Credit—No-Credit class, he is required to consult with a counselor for approval and must file a petition in the Record's Office.

Marsh plans to designate the classes that may be taken on a Credit—No-Credit basis in the Spring schedule. Courses in Art, Drama, English, Political Science, some History and Home Economic Classes, and Social Science 53A-B will be included.

New Comet Is Society Subject

A new comet which is named Comet Tago-Sato-Kosaka, after its co-discoverers, will be the subject of the regular monthly meeting of the China Lake Astronomical Society, Monday, January 5, beginning at 7:30 p.m., at the Clubhouse, 401 McIntire Street.

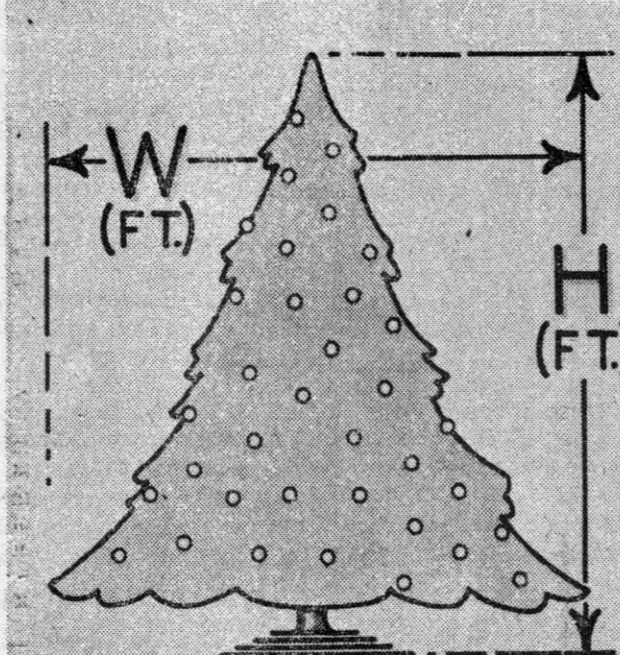
This comet will become visible in the southwestern sky beginning in mid-January.

A color film, entitled "Great is the House of the Sun," will also be shown at the meeting. This film depicts scientists from the University of Hawaii, studying the effects of airglow phenomena and solar radiation in space, from a location atop Mount Haleakala, the "House of the Sun."

All interested persons are invited to attend.



PTA PRESENTATION—Miss Evangeline Tan (l), teacher in the Volunteer to America Program, was presented a TV set last week during a program held in the Murray School Cafeteria. Mrs. James Netzer (r), PTA president, presented the TV to her on behalf of the China Lake Elementary PTA. Through scheduling arrangements of the Curriculum Lab at Murray School, Miss Tan has been teaching students about life in her homeland, the Philippines.



RULE FOR NUMBER OF LAMPS TO USE.

How many lights does a tree need? There's an easy way to calculate that figure. Three times the tree's height (in feet) times the width equals the maximum number of standard size Christmas lamps. Example a tree 7 feet high and 4 feet wide would need 84 lamps (7x4x3=84). If you are using the new midjet plug-in lamps, figure half again as many or about 126 for this tree (84+42=126).

—From Bakersfield Californian

Owens Valley Vast Recreation Resource For China Lake Residents

Area Abounds In Interest Points

Residents of the Indian Wells Valley who have not had a chance to journey a few miles north to the spectacular Owens Valley in Inyo county have missed what may be considered one of the most highly underrated recreational areas in the entire county.

The area abounds in outstanding points of interest and the scenery begs to be photographed, admired, painted and written home about.

It is a fascinating experience just to learn the geological and ecological stories of this deep valley and its two great ranges, the Sierra to the west, and the Inyo-Whites to the east. There are differences as well as similarities between the two.

Though both ranges top out at roughly 14,000 feet, the Sierra is a huge block of up-thrust granite, rising sharply on its eastern or Owens Valley side, and far more gently on its western or Central Valley side.

From Lone Pine, the escarpment, the steep face that rose from the fault which runs north and south for several hundred miles, is what is seen.

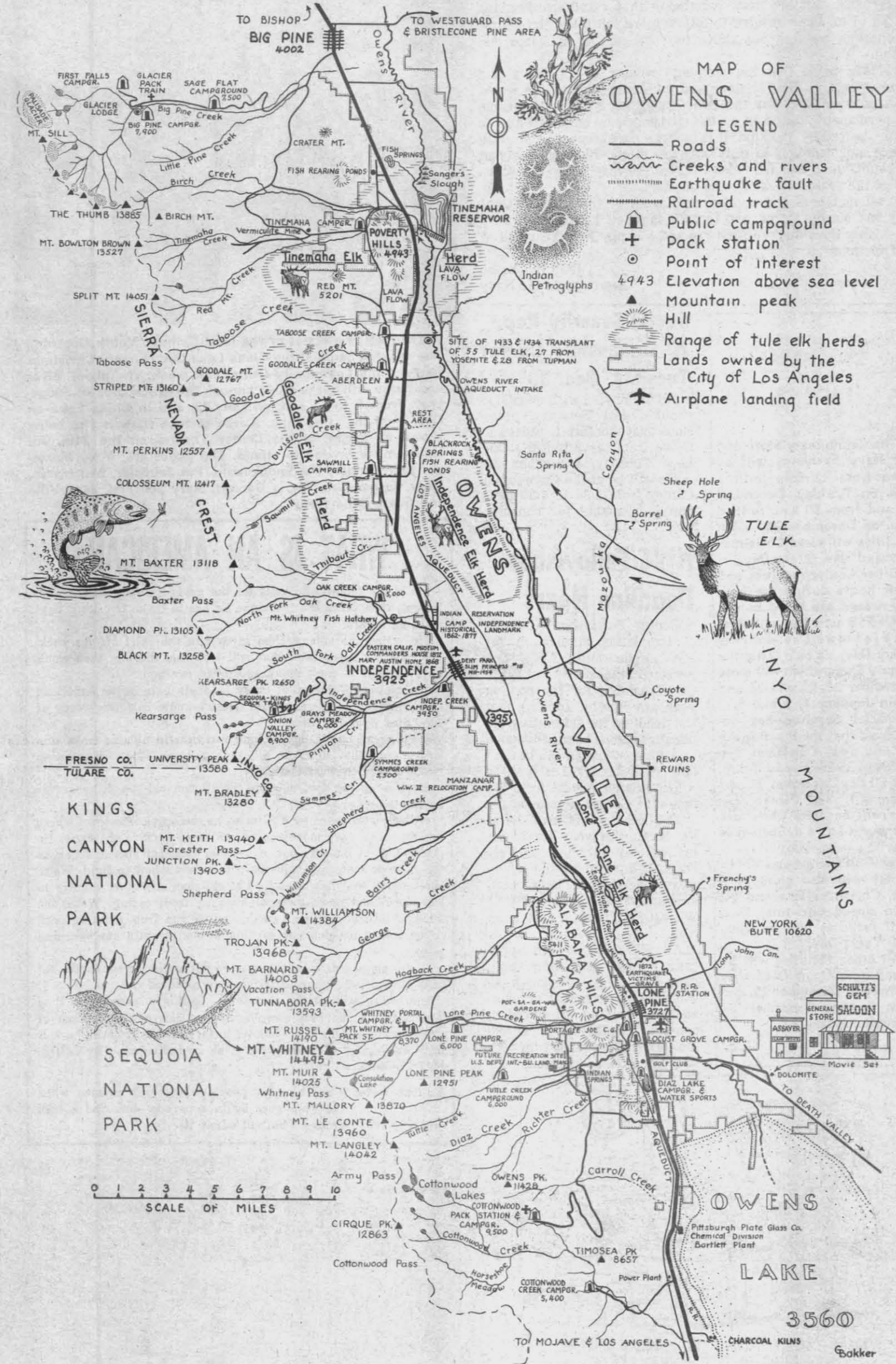
The Inyo-Whites are also fault-block mountains, as well, but they are separated into several ranges, and, as a unit, are much smaller than the Sierra, in width and length.

The Sierra receives a much higher rainfall than the eastern mountains; both the Owens Valley and the Inyo-Whites are in its rainshadow. Thus the vegetation of the two ranges is much different, and the eastern mountains are missing many of the trees and other plants common to the Sierra.

The picturesque Alabama Hills are often used for TV and movie locales. A large section of this rolling terrain at the foot of the Sierra near Lone Pine, to remain in as natural a state as possible, has been set aside by the Bureau of Land Management with campsites, picnic areas and nature trails.

Oldest Living Tree
For nature enthusiasts, there are pilgrimages to be made to the bristlecone pines, the oldest living things yet known, in the White Mountains above Westgard Pass east of Big Pine. Together with limber pines, they live a timberline existence in very difficult circumstances. Buffeted by the stinging, drying winds of winter, seldom comforted by rainfall, confined to the dolomite soils even sagebrush avoids, they have struggled through the centuries to attain ages thought impossible for trees. Because of the twisted character of such trees, they make wonderful subjects for photographers, and camera clickers are not the least of the visitors to the Owens Valley.

Those interested in Indian things will find many reminders of their residence. All the tribes centered here made wonderful baskets, many of them with unique animal designs—birds, reptiles, mountain sheep and others. They can be seen in some excellent private collections and in the museum at Independence. Once in a while, one will be offered for sale in



a shop in some valley town. Petroglyphs, or Indian rock inscriptions, are quite common. Some noteworthy examples are on what is called Petroglyph Loop, north of Bishop. These are labeled for easy finding.

For many people, fish is all important. The rainbows and the brooks, the browns and the golden trout are all native to the Sierra. For those who would rather just look at them, the beautiful Mt. Whitney Fish

Hatchery, just out of Independence, is the ideal place. Backed by the soaring serrations of the Sierra, the shaded lawns and the pools alive with the "big ones" provide a treat.

Tule Elk
There is a magnificent animal to be found in Owens Valley, if one knows where to look. This is the tule elk, the smallest of the North American elk, native to California and considered a very rare and en-

dangered mammal. Originally from the Central Valley, fifty-five were introduced into the Owens Valley in the early 1930's, and have thrived and increased so that now the herd numbers just about 300. They have divided into several groups. One centers its activities around Goodale Creek. Another is often to be found down in the marshy bottomland right by the Los Angeles Aqueduct just

north of Independence. To hear the males bugling in the light of the September moon is an experience one will not soon forget.

The adventures inherent in a trip to any point in Owens Valley will be limited only by the appreciation of the traveler to this magnificent area. The Christmas holidays afford an excellent opportunity to visit the area and enjoy its natural beauty.



TULE ELK HERD—The very rare Tule Elk, the smallest of the North American variety, roams the area surrounding the Owens Valley. The herd, which now numbers approximately 300, has grown to that size from an

original plant of 55 made in the early 1930's from an area in the Central Valley of California. They can be seen in the area around Goodale Creek, and in the marshy bottomland of the Los Angeles Aqueduct.



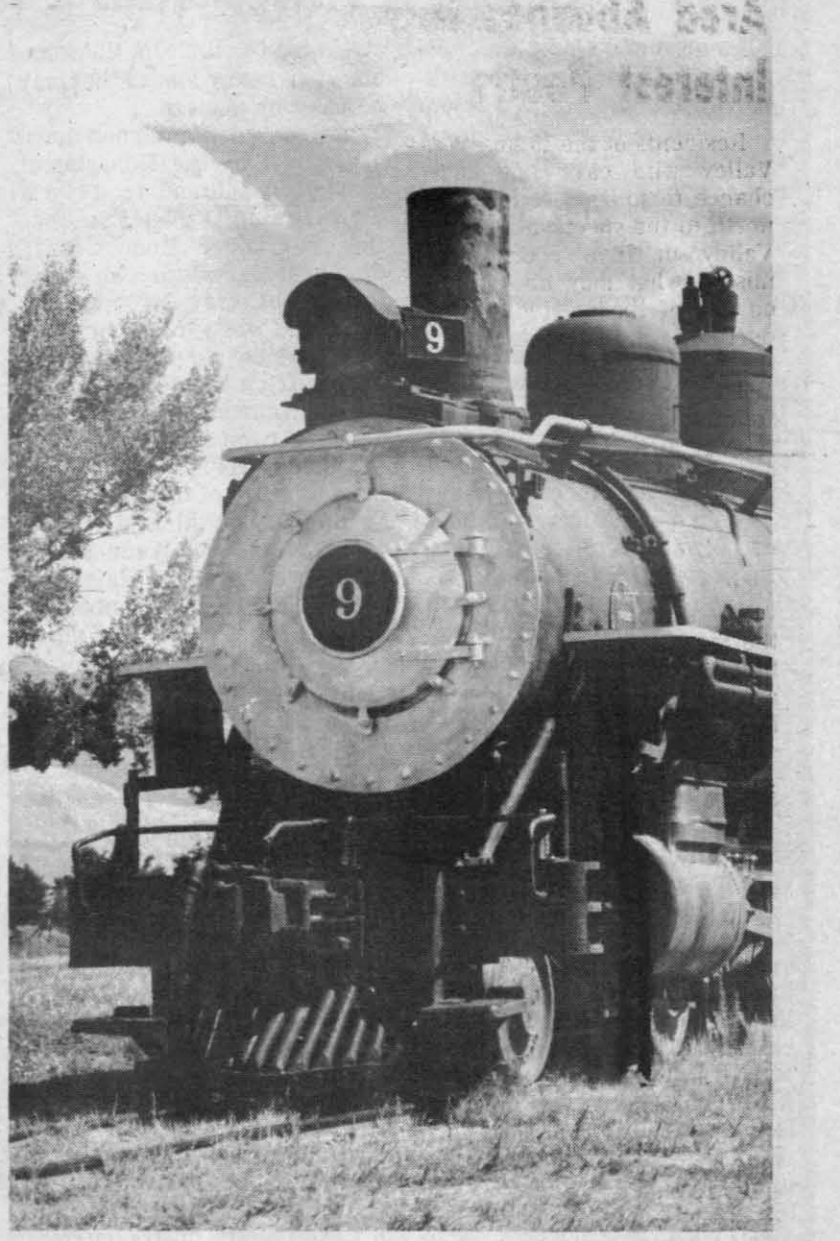
INYO COUNTY SUPERVISORS—The Owens Valley is situated in Inyo County of the State of California. The Center maintains close liaison with surrounding political entities due to the vastness of its operations in

the high desert area. Above, Capt. J. K. McConeghy, Jr., NWC Executive Officer plays host to Inyo County Supervisors (l-r) Herb London, Bob Fisher, Alan Jacobs, and Jack Hopkins, on a recent tour of NWC.



ALABAMA HILLS DEDICATION—The Bureau of Land Management formally dedicated the Alabama Hills Recreation Lands near Lone Pine on May 24, 1969. Master plans for the development of the area calls for

camping, fishing, picnicking, sightseeing, and outdoor concerts in a natural amphitheater. When completed, the area will be capable of serving over 650,000 visitors per year.



OLD NO. 9—Visitors to the Laws Railroad Museum in Bishop will be able to take advantage of an opportunity to climb aboard "The Slim Princess," which was the last narrow-gauge train to operate in the eastern Sierra region. The train was gift-deeded to the City of Bishop and Inyo County. The engine and a string of cars still stands on the original 36-inch track.



BRISTLECONE PINES—Members of a field trip from the Maturango Museum are shown above as they join hands to encircle "The Patriarch," which is the world's largest Bristlecone. The trees have withstood the ravages of time despite their environment. They are located above Westgard Pass East of Big Pine.