

# District Art Festival Unveils This Weekend

The local district portion of the Kern County Art Festival will be presented to the public this weekend at the China Lake Community Center. Visitors are invited to attend on Saturday from 2 to 8 p.m. and on Sunday from noon to 7 p.m.

The festival will feature entries by amateur and semi-professional artists from kindergarten age up who are competing for awards in various divisions and in both realistic and non-realistic categories.

A trio of artists from another district of the county will

award ribbons to first through fifth place winners in each division.

This local presentation is part of the 18th annual festival sponsored by the Kern County Parks and Recreation Department, in which work is shown first at local district festivals throughout the county, then blue ribbon winners vie for top awards at the county finals in Bakersfield.

Also featured will be a gallery exhibiting works of local professional artists

# SHOWBOAT

**FRIDAY**  
"TO THE SHORES OF HELL" (81 Min.)  
Marshall Thompson, Robert Dornan  
7 p.m.

(War Drama in Color) Viet Nam is the scene for a Marine Corps major to lead a rescue party in an attempt to release his brother from the dreaded Viet Cong. Topic shows the works of today's headlines is filled with action. (Adults and mature youth.)

Shorts: "Astroduck" (7 Min.)  
"The Land We Love" (22 Min.)

**SATURDAY**  
—MATINEE—  
"GULLIVER'S TRAVELS" (72 Min.)  
Feature Cartoon  
1 p.m.

Shorts: "Springtime for Pluto" (7 Min.)  
"Trader Tom No. 5" (13 Min.)

—EVENING—  
"THE CIRCUS WORLD" (131 Min.)  
John Wayne, Claudio Cordinale  
7 p.m.

(Drama in Color) Step right up to the biggest Wild West Show ever shown in Europe! Thrill to the big top as John tours the continent in search of his long-separated wife. See the ship catastrophe, the circus fire, the laughs and tears! (Adults, youth and children.)

**SUNDAY**  
"IT'S A MAD, MAD, MAD, MAD, WORLD" (154 Min.)  
Spencer Tracy, Milton Berle, Sid Caesar and an All Star Cast  
7 p.m.

(Comedy Special in Color) The All Star cast are occupants of cars that witness a fatal accident and hear of a buried treasure and the race for fortune is on. One of the funniest films ever made and with over 20 stars. DON'T MISS! (Adults and youth.)

**MONDAY**  
"WORLD AROUND US SERIES" "SOUTH AMERICA COAST TO COAST"  
7:30 p.m.

**TUESDAY-WEDNESDAY** **APRIL 19-20**  
"CINCINNATI KID" (103 Min.)  
Steve McQueen, Ann Margret  
7 p.m.

(Drama in Color) The gripping story of wrong-side-of-tracks, southern boy with a wide reputation as a superb stud poker player, and of the game of all games as the "number one" poker player takes him on. Somewhat like "The Hustler" with a background of torrid romance, fistic action and suspense. It's your deal! (Adult.)

Short: "Pink Fingers" (Pink Panther) (7 Min.)

**THURSDAY-FRIDAY** **APRIL 21-22**  
"HOW TO MURDER YOUR WIFE" (118 Min.)  
Jack Lemmon, Virna Liza  
7 p.m.

(Comedy) When the wealthy bachelor, comic-strip artist wakes up after a rip-roaring party and finds he has married the lovely who popped out of the cake... the fun begins to roll. Even his comic-strip leads to a murder charge! (Adult.)



**SHOW CHAIRMAN** — Mrs. D. T. McAllister (center) is flanked by Mrs. Robert Berry, Mrs. Franklin Knemeyer, Mrs. David Chapman, and Mrs. E. J. Jones. Ladies will assist in identification, picking, and arranging flowers for show.

# Preparations in Full Swing For 21st Wildflower Show

Added features for this year's show will be live music by talented local musicians, a tea room for show patrons, and a special display of potted cactus plants.

Preparations are in full swing for the 21st annual Wildflower Show to be held at the Community Center on the weekend of April 30 and May 1. The two-day event is open free of charge to the public from 1 to 9 p.m. on Saturday and from 10 a.m. to 6 p.m. on Sunday.

will also be busy both Friday and Saturday.

Mrs. Robert D. Berry, a botanist from the area, will identify each of the specimens.

Live music will float throughout the Center to add to the visitors enjoyment, with several local musicians contributing their talents.

Mrs. Ivar Highberg is in charge of the music program.

**Color Slides**

In one of the Center's room, the China Lake Photographic Society will show colored slides of the flowers as they grow on the desert.

An interesting display of potted cactus available in the area will be handled by Mrs. Thomas Boyd and Mrs. R. DeHarold.

"However, let me stress the fact that the main emphasis this year will be on the beauty of the flowers themselves," states show chairman Mrs. McAllister. "All the other features of the show will point to this one main theme."

The main hall of the Center will be devoted to the artfully arranged wildflowers. To add to the beauty of the theme, the Desert Art League will hang paintings, in the main section on portable panels, of local artists that stress the desert and the flowers. Mrs. James Heflin and Mrs. Rod McClung are in charge of the art selection.

Also helping with the show will be Mrs. Herbert Hartman, who is handling procurement; Mrs. Howard Bodwell, the programs; Mrs. Paul Jorgensen will be in charge of registration; and Mrs. Jack Robcke will be doing the signs. Mrs. Ralph Schwarzbach is doing the publicity.

Once again this year, as since the show's conception, the Women's Auxiliary of the Commissioned Officers Mess will be the sponsors and have full responsibility of the program. Although it has grown into a joint community effort, it is and has been WACOM that is responsible for the traditional spring tribute to the beauty of the desert wildflower.

Mrs. D. T. McAllister is the general chairman this year and announces some new additions to the show.

A Tea Room will be set up in the Ripple Room of the Center where home-made desserts, soft drinks, tea, or coffee will be served. Mrs. Donald Lorange is in charge of the Tea Room. She reports a minimum charge will be made for the refreshments.

**Picking Schedule**

The all important job of picking, arranging and identifying will begin on April 29 and continue on the morning of the 30th. Pickers will be under the direction of Mrs. David Chapman.

Arrangers will be guided by Mrs. Franklin Knemeyer who

# Station's CURV Plays Role To Retrieve Bomb from Sea

**Dr. McLean will Keynote Marine Sciences Meet on April 21.**  
(See Story On Page 4)



Vol. XXI, No. 15 Naval Ordnance Test Station, China Lake, California Fri., April 15, 1966

# CURV Performs Beyond Its Limits In Spanish Water

A final, critical stage of the United States' intensive search and recovery operation of a missing thermonuclear bomb off Palomares, Spain, was performed by NOTS Pasadena's CURV remote recovery vehicle, operating far beyond its designed limits.

Reports from Pasadena Annex show CURV (Cable Controlled Underwater Research Vehicle) has paid for itself many times over in retrieving ordnance from NOTS sea ranges — but even so, it has been sent down only to its designed depths of 2,000 feet, and has had the designed aid of sonar sending devices fitted in experimental ordnance to be recovered.

No such limits and aids were present in the depths off Palomares, on Spain's Mediterranean coast.

Nevertheless, a team from NOTS Pasadena, operating from the rescue vessel Petrel, sent CURV down 500 feet beyond its design limits to fasten a special grappling hook to the bomb.

The special conditions meant that an extra-long cable, carrying command and return information circuits from CURV's sonar and TV eyes and ears, had to be developed in short order.

Attaching the hook and lines to the bomb's parachute shroud took two full days. On the third day, Petrel hauled CURV and its burden to the surface. Divers then took over the task of attaching cables to lift the weapon out of the water.

NOTS' role in retrieving the bomb from its precarious perch just above an underwa-

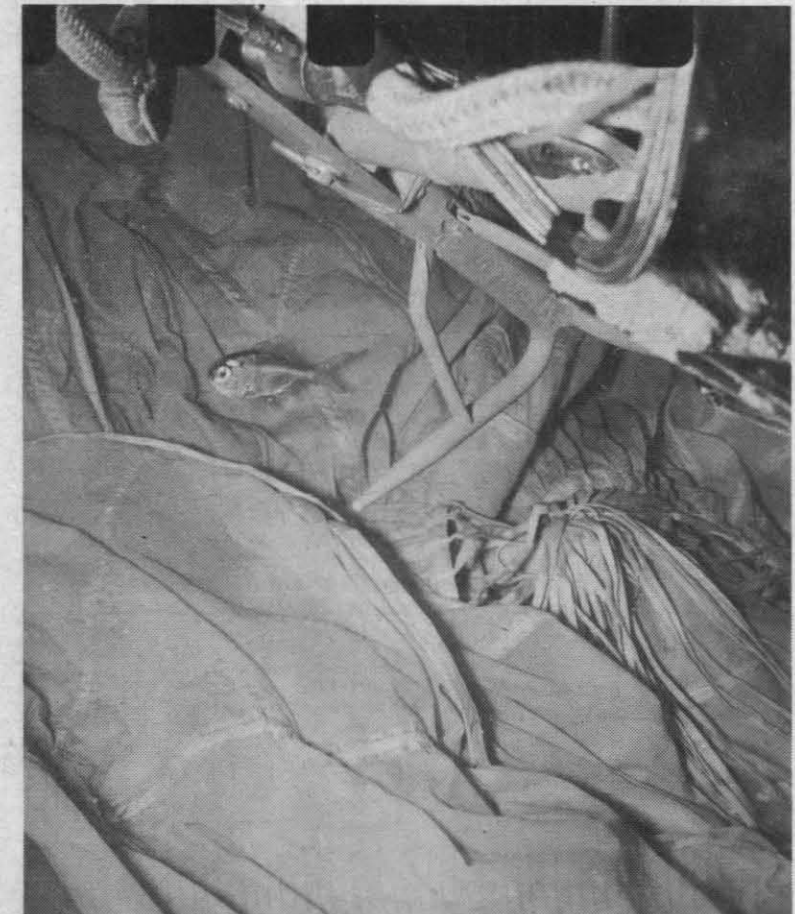
# Armed Forces Day Planners Begin on Event

Armed Forces Day will be observed with an "Open House" at China Lake on Saturday, May 21.

Cdr. F. W. Bustard III of NAF has been designated Armed Forces Day Project Officer to coordinate the efforts of the Station and attached activities.

The Armed Forces Day Steering Committee is comprised of W. H. Hampton, Coordinator for Michelson Laboratory activities, 71370; R. W. Rusciollelli, Programs and Schedules, 71373; J. H. McGlothlin, Community Relations, 72009; "J" Bibby, Public Affairs Officer, 71555; Ray Sinnott, Projects and Exhibits, 72042; LCdr. Russell Myers Jr., Public Works, 71506, and Lt. Samuel McMullen, Security, 71624.

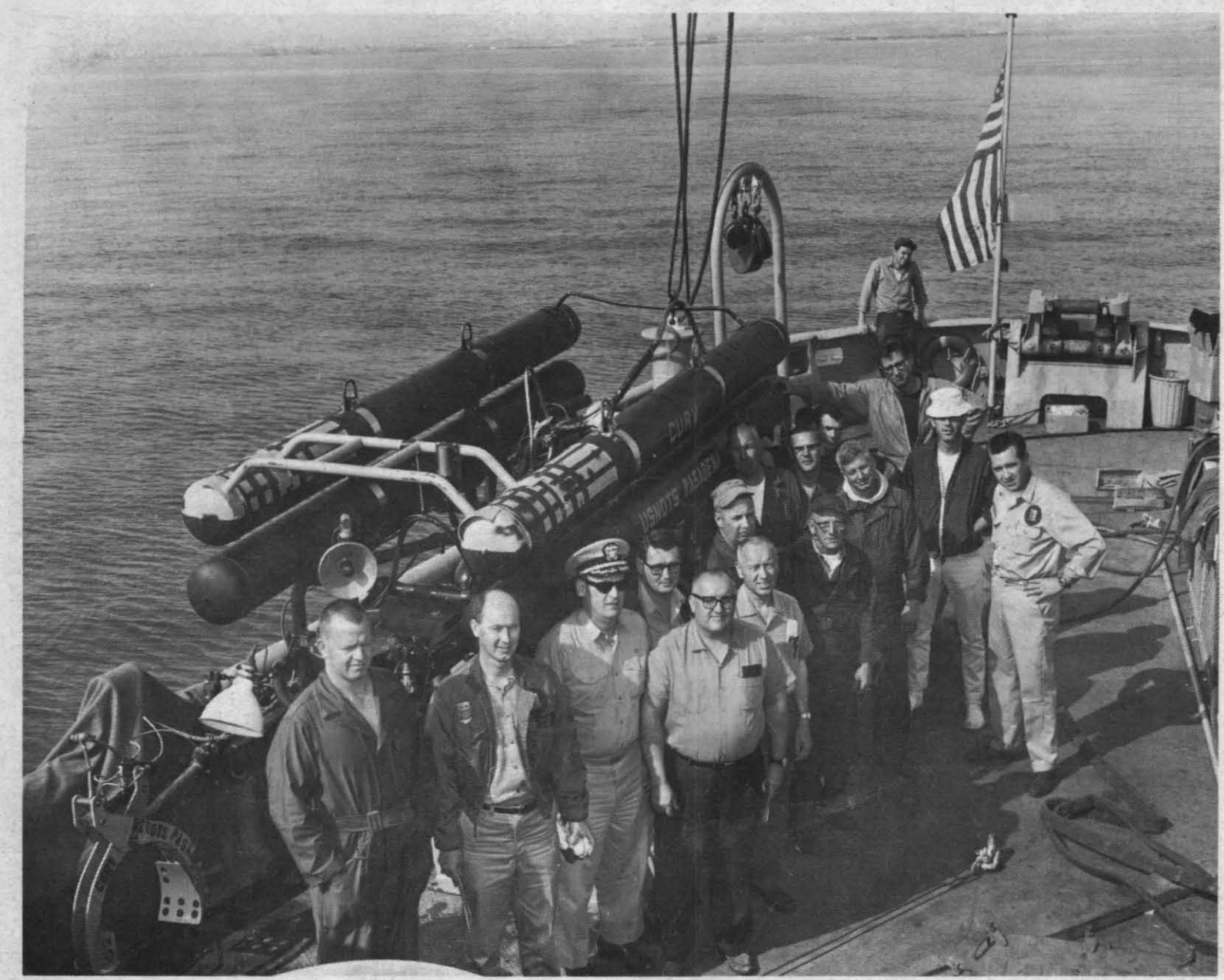
Organizations planning exhibits or activities may contact members of the Steering Committee for information and material support, announced Cdr. Bustard.



CURV'S GRAPPLING HOOK engages parachute shroud of bomb at depth of 2,500 feet on Mediterranean sea floor.



WITH GRAPPLING HOOK firmly engaged, rise to surface is begun. CURV's TV cameras flashed picture to control ship.

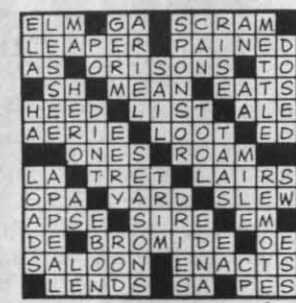


MISSION AT PALOMARES ACCOMPLISHED — Aboard the USS Petrel seven members of the NOTS-Pasadena crew who assisted in the Navy's recovery of the H-Bomb off Spain's Palomares Beach pose in front of CURV, the recovery ve-

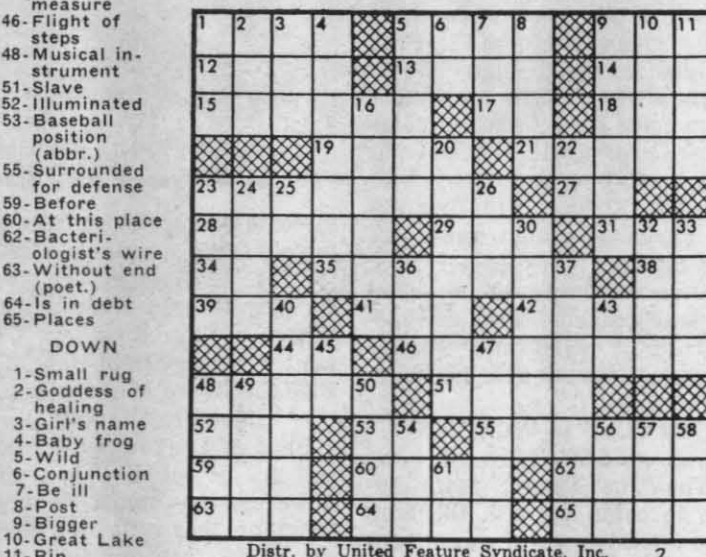
hicle. Left to right are Leslie Campbell, Howard Talkington, Cdr. Henry H. Schleuning Jr., Joe Berkich, Bob Pace wearing cap, D. A. (Bud) Kunz in front of Berkich, and Joe Vetter. Others are personnel from LBNS and Photonics.

# CROSSWORD PUZZLE

- ACROSS
- Flesh
  - Froth
  - Allow
  - Opera by Verdi
  - Silkworm
  - Exist
  - Dealer
  - Chinese mile
  - Inlet
  - English baby carriage
  - Kind of beer
  - Instructed
  - Pronoun
  - Manage
  - Pair
  - Hurried
  - Pronoun
  - Weirdest
  - Negative
  - Maids (abbr.)
  - Ocean
  - Coins
  - Printer's measure
  - Flight of steps
  - Musical instrument
  - Slave
  - Illuminated
  - Baseball position (abbr.)
  - Surrounded for defense
  - Before
  - At this place
  - Bacteriologist's wire
  - Without end (poet.)
  - Is in debt
  - Places



Answer to Previous Puzzle



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PLAY HERE TONIGHT—The Vulcanes play a return engagement at the Acy-Ducey Club tonight and tomorrow night. The Club will start jumping at 9 p.m. and continue until

1 a.m. The group provided all the music for Bob Hope's picture, "I'll Take Sweden." They are noted for their well-blended vocal and novelty numbers.

From \_\_\_\_\_

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\_\_\_\_\_

TO \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PLACE STAMP HERE



BIKE SAFETY BUMPER STICKERS — Sgt. Donald L. Wright and Glenn D. Hunsaker affix Bike Safety Week sticker to bumper of Security vehicle as Sgt. John R. Pearia watches. All Security and Safety Department vehicles will carry bumper stickers calling attention to Bike Safety Week to be held here April 18-23.

### Dr. McLean Keynotes Marine Sciences Meet

Dr. W. B. McLean, Technical Director of NOTS, will be the keynote speaker at a Symposium on Modern Developments in Marine Sciences, to be held at the International Hotel in Los Angeles by the American Institute of Aeronautics and Astronautics.

The Symposium also will feature addresses by five other Station scientists during the morning, afternoon and evening sessions on Thursday, April 21. These talks will include a presentation on CURV, the vehicle that hoisted a submerged H-bomb to the surface off the Spanish coast.

Dr. McLean will speak to the assembled symposium delegates at a luncheon on "Future Exploration of the Ocean." His remarks will cover the characteristics of existing undersea mining operations, and the possibility of combining mining techniques and deep submergence exploratory vehicles.

Of the 16 topics to be presented at the Symposium, Dr. Jack W. Hoyt, head of Underwater Ordnance Department's Propulsion Division at Pasadena, will present the third, entitled "Hydrodynamic Drag Reduction." It covers methods of drag reduction and its theoretical limits, and theory with experiment results on various kinds of boundary layer control.

during the Sealab II dive.

Willis R. Forman of Engineering Department, project manager for the Deep Jeep program, will describe its progress as a developmental Research vehicle during the afternoon session. He will cover the results of observation dives made from the "desert born" vehicle over the last two years, some to depths of 2,000 feet.

Forman will be followed by Don K. Moore, head of Code 40's Astrometrics Division, with a discussion of "Moray, The Bread Board Test Vehicle." He explains he will cover newly released information on the 150 research dives made by the high-speed, torpedo-shaped vehicle that provide insight to the underwater fighter-interceptor concept.

Last of the Station's speakers at the Symposium, scheduled for the evening session, will be Richard K. Heller, head of Missile Branch, Systems Operation Division of Pasadena's Underwater Ordnance Department.

His subject will be the underwater vehicle that was used recently to recover the thermonuclear bomb missing in deep waters off the coast of Spain near the village of Palomares. CURV (Cable Controlled Underwater Research Vehicle) was developed at Pasadena and has been used there to recover valuable ordnance items that splash into NOTS' sea ranges.

Heller notes that the deep submergence search, inspection and recovery achievements of CURV have had exciting successes to depths of as much as 2,000 feet, before Palomares.

As a light touch to the all-day Symposium, R. Anderson, diver, writer and underwater photographer, will show and narrate his film "River Gold" after the evening banquet.

### Garden Club's Flower Show Opens Thursday

The Oasis Garden Club's annual spring flower show will be open to the public for viewing on Thursday, April 21, from 2:30 to 9:30 p.m. "Spring Through the Ages" is this year's theme.

The public will be invited to vote in a new category for this show, "The People's Choice." This award will be given to the artistic exhibitor who is given the most votes by the viewers.

Some of the interesting titles for the artistic division are "Rites of Spring," an interpretive arrangement; "French Baroque," and "Auto Age," using an artifact from an auto.

Two classes for miniatures designs will also be featured in this gay array of spring flowers.

### Deep Freeze Films Available for Loan

Twenty feature films on the U.S. Navy's support for science in Antarctica are available for loan. The films range in interest from historical to scientific and include 30-minute color productions on: the construction of the station at the geographic South Pole; cold weather operational problems; penguin and seal studies; and Antarctic oceanography.

Information and reservation for the movies may be obtained from the U.S. Navy's Antarctic Support Force Public Affairs Office, Sixth and Independence, S.W., Washington, D.C. 20390.—NAVNEWS.

### SUNDOWNER

The term "Sundowner" derived from strict Navy ship captains who once required that all officers and men be aboard by sunset; now used for a martinet or strict disciplinarian.

### Chaplain Thomas Bond Takes Over Asst. Duties

Chaplain Thomas D. Bond takes over Assistant Protestant Chaplain's duties with the All-Faith Chapel to fill the shoes of Chaplain Mark Fite, now Senior Chaplain. Lt. (j.g.) Bond arrived at China Lake in mid-March after completing the Naval Chaplain indoctrination course at Newport, R.I.

Chaplain Bond is a native of Uvalde, Texas, and earned his A.B. in English and Spanish at the University of Texas. He received his B.D. in 1961 from the Church Divinity School of the Pacific at Berkeley.

Chaplain Bond's second foreign language is Albanian, which he studied at the Army Language School in Monterey in 1954-55, during a four year tour in the Air Force. This service took him to Germany and Korea.

Before entering the Navy, he served three and a half years in Mexico City and Guadalajara as a missionary priest of the Episcopal Church, and was assistant rector of St. Mark's Episcopal Church in San Antonio in 1965.



CHAPLAIN T. D. BOND

Chaplain Bond was ordained a deacon in 1961 in St. Philip's Episcopal Church in his home town, and a priest in 1962 in San Antonio. Chaplain Mark Fite fills the place left by Chaplain Robert Odell, who left for new duties at New London last Tuesday.

### Machinist's Award



25-YEAR IAM MEN—Joe Lechner, president of Desert Lodge 442 of the International Assoc. of Machinists and Aerospace Workers, poses with members (l-r) Charlie Morgan, Hawthorne, Nev., Earl Norman, Code 3043, and Albert Cram, Code 3063, who were recently awarded their 25-year membership certificates.



15-YEAR IAM MEN—Three 15-year membership certificate holders in Desert Lodge 442 pose with president Joe Lechner. Left to right are Lechner, C. M. (Chuck) Nilsen, Don Phillips, and Walter Osborn, all of Code 5545.

## National Library Week Is April 17-23



MILITARY PERSONNEL get an assist from Station Library's staff as Olester Hart checks out book from Jane LaRosa, Michael Harris is helped by Betty Wilkie, and Librarian Maryon Ward takes request over phone. Billy Vann and William Heaton browse.

Both the Station Library and the Technical Library are joining with libraries across the nation in observance of National Library Week, April 17-23, with special displays to focus public attention on the value of reading.

This year's theme, "Know What You're Talking About—Read!," provides special opportunities to stress the personal rewards and greater use of libraries that serve the community.

Answering the needs of the general reading public is the Station Library which has a collection of 25,000 volumes, subscribes to 88 magazines, and 15 newspapers.

Fulfilling the professional requirements of the technician, the chemist, the physicist, the engineer, and the scientist is the Technical Library under the cognizance of TID with the main library in Michelson Lab and a branch at the China Lake Propulsion Laboratories.

One of the largest scientific and technical libraries on the Pacific Coast, it has more than 32,000 books, 22,000 bound volumes of periodicals, and

150,000 technical reports. A competent staff of 23 operates the library under the guidance of Mrs. Carolyn Kruse, Head of the Library Division.

Because of their intimate knowledge of the library's resources, the members of the staff can locate information in almost any area of knowledge, regardless of the complexity or specialization of the subject matter.

The Station Library has instructional records in seventeen different languages. The records include French, German and Spanish as well as Thai, Indonesian, and Hausa, a language which is spoken in Central Africa in the region of Lake Chad.

It maintains a pamphlet file which is especially helpful for material of seasonal interest, local interest and for other subject matter which is not readily available in book form. This file also includes maps and folders which are helpful to those planning vacations in the U.S. and abroad.

The library has approximately 700 volumes of reference material. The reference collection includes, among other items, six different encyclopedias, The Great Books of the Western World, the Readers' Guide to Periodical Literature and a number of world atlases.

Head librarian Maryon Ward is assisted by Betty Wilkie, senior library assistant, and library assistants Leola Skeeters, Jane LaRosa, and Winifred Troy.

Any hobbyist will find material pertaining to his or her particular interest. For instance the many books on gems and minerals will be helpful to the local Rockhounds as will the publications of the California Division of Mines.

The Station Library is open Monday through Friday from 1 to 9 p.m. The hours on Saturday and Sunday are 2 until 9 p.m.

During the calendar year 1965 the Station Library checked out over 72,500 items.

All Naval personnel and all Civil Service Employees of the U.S. Naval Ordnance Test Station, and their dependents, are eligible to check books out of the Station Library whether the family resides in China Lake, Ridgecrest or Inyokern.

### Station Hosts Meet Of Board of Trade

The Station was host for the Kern County Board of Trade directors on Wednesday when members of the county economic development agency held their monthly executive meeting here.

Bill Puckett of Ridgecrest, Board of Trade director for District One, headed the group of chamber of commerce and civic leaders from Ridgecrest, Inyokern, and Kern River Valley.

Puckett was assisted in coordinating the meet by NOTS' W. H. Hampton and James McGlothlin.

Kern County leaders participating in the meet included Supervisors LeRoy Jackson and Vance Webb, E. Alan Pettit, Board of Trade president and executive vice president, Navy Oil Co.; Clarence Williams, Taft, vice president; George C. Parker, chairman of

the board, Community National Bank; Robert Marshall, Crocker Anglo Bank, Taft; Judge Richard Ledwidge, Mojave Judicial District.

Robert Bovee, partner, Tri-Valley Rambler; A. B. Newby, Kern division manager, Southern California Gas Co.; Ralph Carpenter, special agent, Aetna Insurance Co., Delano; James Radoumis, manager, and T. Murray Arnold, assistant manager, Board of Trade; Ralph Nuckolls, president, Ridgecrest Chamber of Commerce; Mayor Mathias (Bud) Hugo, Lloyd Cate, and Stan Hamel, all of Ridgecrest.

The Board's business meeting was held in Michelson Lab. Following luncheon at the Officers' Club, the group was formally welcomed by Capt. Leon Grabowsky, Station Executive Officer, and shown Michelson Laboratories films.



NOTS SCIENTISTS and engineers consult current periodicals in TID's Technical Library in Michelson Lab. Over 22,000 bound volumes of periodicals are on file.

### Use Right Address, Newest ZIP Code Says OPNAV Note

All official Navy mail, including mail to the Fleet, must carry complete and correct addresses and return addresses according to a recent OPNAV Notice. The notice emphasizes that new ZIP codes must be used, and warns that mail to the Fleet will be returned if the old code numbers are used.

The ZIP Codes for NOTS are 93555 (China Lake) and 91107 (Pasadena Annex). Other codes and addresses can be obtained from the Station mail room, Code 8514 or P1911; or from Standard Navy Distribution List Part 1 (OPNAV P09-B 23-107), Catalog of Naval Shore Activities (OPNAV P09-B23-105) or Department of Defense Activity Address Directory (DSAH 4140.1) (NOTAL).

Current stocks of mailing material are being overprinted to correct ZIP Codes where the quantity warrants.

### SPORTS

(AFPS Weekly Feature)

- 1. In what year did Helen Wills win her first Women's National Singles championship?
2. What service school football team has yet to appear in a postseason bowl game?
3. Who hit the first home run in World Series history? When?
4. What pitcher won 16 straight games for the Cincinnati Reds in 1947?
5. Who was the first president of the National Football League?

### ANSWERS

- 1. In 1923. Miss Wills was 17 years old.
2. Army.
3. Jim Sebring of the Pittsburgh Pirates in 1903 during a game with the Boston Red Sox.
4. Sewell Blackwell.
5. Sports great Jim Thorpe.

### 924-25th To Be Inactivated, CAP Hdq. To Be Moved

Genoa, Texas. The 924th and 925th Troop Carrier Air Reserve Groups at Ellington AFB will be inactivated and the Civil Air Patrol Headquarters relocated to Maxwell AFB, Ala., by October 1967. The base will be transferred to the Air National Guard during 1967.

### 'Benny Sugg' Sez

Got A Beneficial Suggestion?

Don't forget, now you can call it in!

Ext. 72921



"Benny Sugg"

# USS Butternut Celebrates 17th Change Of Command

## NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

### CWO McCafferty Leaves How's This For Special Assignment For A Finish

Chief Warrant Officer W4 David J. McCafferty not only found a home in the U.S. Navy (having reached a 30-year milestone last October), but has volunteered to extend his service another six months.

McCafferty has been selected for a 6-week Temporary Assignment of Duty to the Supervisor of Salvage, BuShips. An expert in his field, he will be on duty training personnel in special diving and salvage operational techniques.

#### Two Tours With NOTS

McCafferty reported to NOTS for the second time in August 1963, serving as an Assistant Diving Officer at the Long Beach Facility. Previously, he was a Diving Officer at Morris Dam from 1954-1956.

During his 30-year naval career, he has attended many specialized schools in diving, salvage, firefighting and special weapons. A qualified diver since 1940, he was awarded a SecNav Commendation for diving services in the salvaging of the USS Monssen grounded on Ocean Beach, N.J. in May 1961.

McCafferty is a survivor of the USS Extractor torpedoed during WWII.

Campaign and service medals he has garnered during his lengthy, eventful career include — Navy Commendation Ribbon, Navy Good Conduct, 2 stars, American Defense,



CWO D. J. McCAFFERTY

American Campaign, European African Middle Eastern Campaign Medal, Asiatic Pacific Campaign Medal, Victory Medal WWII, National Defense, Korean Service Medal, United Nations Service Medal, and recently the SecNav Unit Commendation for SEALAB II operations.

McCafferty was born in Glasgow, Scotland, and raised in Brooklyn, New York. He and his wife, the former Ellen Ryan, have four children — Philip, Margaret, Steven and David.

The Black Cats came on with a rush to nail down first-place honors in the NOTS Wednesday night bowling league. The Cats won 73.5 and lost 38.5 games over the season, for a strong average of 941. Team members are Bob and Sue Marimon, Bill and Irene White, and Don Holyoke. Second place went to the AstroNOTS, who edged the Sphinks by a mere half-game. The Astros won 68.5 and lost 43.5, while the Sphinks had a 68-44 record. The Jacks and Better finished fourth at 62-50, with the Quiet Five fifth (61-51), the Sidewinders (57.5-54.5) sixth, the NOTSings (57-55) seventh, the Alley Kats (56-56) eighth, the Hunees (54-58) ninth, El Toros (51-61) tenth, the Kings and Queens (49.5-62.5) eleventh, the Pin Folk (47-65) twelfth, the Cozzins (40-72) thirteenth, and They Beat Us (39-73) fourteenth. Phew!

Sweepstakes results in the 29th week are as follows: women's singles, Kathy Stanier, first, 639; Coco White, second, 601; Marian Murray, third, 600. Men's singles: Jim Henry, first, 691; Ray Hanson, second, 682; Lloyd Hagnas, third, 649. Men's doubles: Jim Henry and Jack Springer, first, 1291; Jack Kindred and Bernie Silver, second, 1285; Lloyd Hagnas and Wally Lump, third, 1264. Women's doubles: Kathy Stanier and Coco White, first, 1240; Ruth Neff and Kathy Stanier, second, 1201; Janet Cardwell and Kathy Stanier, third, 1182.

Mixed doubles: Kathy Stanier and Lloyd Hagnas, first, 1288; Ina Squire and Lloyd Hagnas, second, 1245; Jan Cardwell and Jim Henry, third, 1234. Team series: AstroNOTS, first, 3022; Jacks and Better, second, 2974; Quiet Five, third, 2948; Hunees, fourth, 2939.

(Continued on Page 7)

### Gingery Earns CPO Rating

John O. Gingery, with the Naval Air Facility's GCA Unit 57 on San Clemente Island is a newly appointed Chief Petty Officer.

"Chief Gingery has worked hard for this promotion and is to be congratulated," commented his senior officers.

Initiation ceremonies for the new Chief were exceptional by having the art of Karate demonstrated with amazing skills.

Included in Gingery's ten years of naval service are three years with Beachmasters in WestPac and 18 months on the USS Walton (DE-361). He has been with Ground Controlled Approach Units since 1961 and came to GCA No. 57, SCI, in November, 1964.



INCOMING AND OUTGOING Commanding Officers of the USS Butternut share in the traditional cake cutting ceremony during the 17th Change of Command festivities aboard the little ship.

### Lt. Solomon Relieves Lt. Modeen

The seventeenth Change of Command ceremonies were held aboard the USS Butternut (AN9) last week. The new skipper, Lt. Donald Lee Solomon relieved Lt. Victor D. Modeen.

Lt. Solomon came to the Butternut from the USS Isle Royale (AD-29) where he served as First Lieutenant and Navigator. Before that he was the Recruit Personnel Officer with the Naval Administrative Command, U.S. Naval Training Center, San Diego, California.

Although born in Stockton, California, he considers Rosenberg, Texas, his home town. He entered the service in October 1940 and received his commission in 1961 through the Limited Duty Officer Program.

Serving in many theaters of operation during his naval career, Lt. Solomon holds service medals for — Navy Good

Conduct, American Defense, American Campaign, Asiatic Pacific Campaign, Victory Medal WWII, Navy Occupation, National Defense, Korean Service Medal and the United Nations Service Medal.

He and his wife, the former Ann Reimer of East Bernard, Texas, have three children — Thomas Edward 18, Susan Ann 15, and Karl Lee 11.

#### Duty in Washington, D.C.

Lt. Modeen leaves for duty with the Director, Defense Communications Agency, Washington, D.C., where he has been assigned as a Communications Staff Officer. He received his commission in 1957 from Officers Candidate School, Newport, Rhode Island.

Lt. Modeen reported to the Butternut in September 1964 from the USS Monticello (LSD 35).



LCDR. W. G. WALSTON, OinC, San Clemente Island, reads the responsibilities of a Chief Petty Officer to John O. Gingery, newly appointed CPO, while LCDR. H. J. Meyer, OinC of GCA-57, stands by to pin on the collar devices.

### MEET YOUR COUNCILMAN

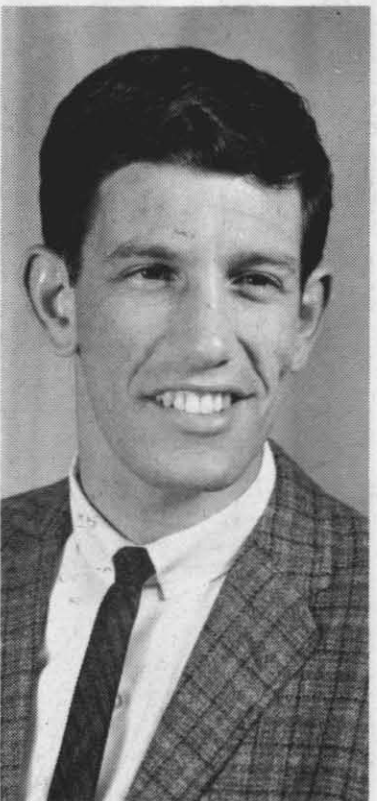
This is the 15th in a series offered by the Rocketeer to better acquaint residents with China Lake Community Council precinct representatives.

From his occupation to his high-flying sports activities, Community Councilman Milt Mollick's interests make a wide sweep of the possibilities for an active life in the desert.

Milt was elected to the China Lake Community Council last November to represent Precinct 3, and now is serving as acting chairman of the Council's Ways and Means Committee. He is a bachelor—as yet—and a native Californian from San Diego who took his B.A. degree in psychology at San Diego State.

A three-year China Laker, he works at Central Staff's Programs and Budget Division, General Analysis Branch, as a budget analyst, and is enrolled in a graduate course of University of Southern California in public administration. This, he admits, takes up most of the spare time left over from his other activities.

Those activities feature skydiving — or as some aficionados prefer, sport parachuting.



MILTON MOLLICK

Milt is vice-president of the Ridgecrest Skydivers club. Plunging at ground level is another of his pleasures, and he serves as treasurer of the China Lake Ski Club.



VICTORY SOUVENIRS—D. A. (Bud) Kunz, head of UOD's Systems Operations Div., happily displays portion of recovered bomb's parachute as he and (l-r) Jim Jennison, head

of Project Engineering Div.; Doug Wilcox, UOD head; and Dick Heller, head of Missile Br., discuss operation, as featured in Spanish newspaper.

### CURV Retrieves Bomb From Ocean Bottom

(Continued from Page 1) ter canyon came at the finish of an intensive, round the clock operation under the command of RAdm. William S. Guest aboard his flagship, the cruiser USS Albany.

The submerged bomb was located by Alvin, a manned underwater research vehicle built for Office of Naval Research by Litton Industries. An attempt by Alvin to place a cable on the weapon came to grief when the cable broke. Its crew then succeeded in attaching a heavier line, and dragged the bomb into position for CURV.

A senior Spanish officer at the scene was reported to say of the entire operation, "The Americans had no choice. They had to recover that weapon — and they did it brilliantly!"

The Pasadena team that operated CURV at Palomares, led by Cdr. Henry H. Schleuning, Pasadena's Technical Officer, and DeVirl A. Kunz, head of Underwater Ordnance Depart-



LCDR. MAX A. HARRELL . . . USS Petrel skipper

ment's Systems Operations Division, gave high praise to LCDR. Max A. Harrell, commanding officer of the Petrel, control ship to CURV, and to his five officers and 84 crewmen.

They noted that, in addition to the great amount of Naval and industrial effort that went into the whole operation, the Spanish people treated them "royally." They were friendly, and eager to show it.

CURV itself, as used in the NOTS sea ranges, centers around a tubular aluminum frame four feet high, four feet wide and 11 feet long. Two ballast tanks are mounted on each side, and three electric propulsion motors at the stern, starboard and centerline.

Other components include a hydraulic system, acoustic instruments, a transistorized TV camera with two mercury vapor lights, a deepsea documentation camera with strobe light, a recovery claw and buoy.

### Chaplain Odell Leaves for Duty With Sub Force at New London, Conn.

Chaplain Robert W. Odell, for the last two years Senior Chaplain at NOTS, left China Lake Tuesday morning for his new duty station at New London, Connecticut. He will be Senior Staff Chaplain for the Submarine Force, Atlantic Fleet.

Well known and loved by China Lakers, military and civilian, during his tour here, Chaplain Odell was cited for "outstanding performance of duty" by Captain John I. Hardy, ComNOTS, at a farewell party Monday evening at the Officers Club.

"The fine relations you have maintained with other religious groups in the community," said Capt. Hardy, "have been a great help to me and to the Station." He added that Chaplain Odell's work as secretary to the Indian Wells Valley Pastors Fellowship "further contributed to a better understanding of the common concerns of the churches of the Valley."

Chaplain Mark E. Fite, Assistant Protestant Chaplain here since August of 1963, moves up to the Senior Chaplain post with Chaplain Thomas D. Bond taking over the Assistant Protestant Chaplain duties.

Chaplain Odell came to NOTS two years ago from the USS Shangri-la, and has seen sea duty in every type of ship the Navy has except submarines. Now, at New London, he will have spiritual supervision for all Atlantic Fleet submariners and the crews of the "mother ship" tenders.

At NOTS, Chaplain Odell opened a full time additional chaplain's office at NAF staffed by a chaplain and clerical staff, and a half-day chaplain's office in Mich Lab. He has also been very active in commun-



COMMENDATION AND PLAQUE — Station Commander Capt. John I. Hardy, left, presents NOTS desk plaque and commendation to Chaplain R. W. Odell at farewell party.

ity and Valley organizations, including service as a director at large in the Community Council.

Louise, his wife, and their two daughters are to join him at New London after the school year ends. Roberta, 17, is a graduating senior at Burroughs High School, and Bonnie, 22, graduates from Groves City College in Pennsylvania this year and plans to marry in July.

Chaplain Odell, a native of upper New York state, holds an A.B. degree from the YMCA College of Chicago, and earned his B.D. and D.D. degrees

#### Redeye Missile Completes Arctic Testing Phase

Redeye, Army's shoulder-fired anti-aircraft missile system, has completed Arctic phase of service testing at Ft. Greeley, Alaska. Results of the tests show that both soldiers and Redeye equipment can operate successfully in an Arctic environment. Now in production, Redeye development has been funded jointly by Army and Marine Corps.

LT. COL. A. W. MINARD, USAR (Ret.), Assistant Pacific Coast Regional Director of the National Security Industrial Association, presents a plaque to Captain G. H. Lowe, OinC, NOTS Pasadena, in acknowledgement of courtesies extended to the NSIA. In addition to hosting the Los Angeles Chapter on station several times, Capt. Lowe has been the key speaker at numerous Association luncheons. The NSIA is an organization concerned with the security of the United States, and the security of its institutions of American business and of American labor.

CHAPLAIN'S MESSAGE

The Purpose Of the Church

By CHAPLAIN THOMAS D. BOND



The purpose of The Church is to bring God's household and family into life, to make it accessible to all.

The purpose of The Church is to touch the world with brotherly concern and love.

The purpose of The Church is to show forth to the world the Gospel, the Good News.

Christians must know more about Jesus and develop, as Paul said, "this mind . . . which was also in Christ Jesus."

The function of the Church or Chapel is mission. If not, it's dead. Our local Church is a training center for Christian missionaries, not a Sunday social center.

The best test, or criterion, for a "successful" Church is, do others give thanks for this Church and the people in it?

Is everything done for the will of God . . . spreading His kingdom? We must remind ourselves that this Church does not exist for us within it.

STATION LIBRARY LISTS NEW BOOKS

- A complete list of new books is available in the library. FICTION: Barker—"The 'New' Math" for Teachers and Parents of Elementary School Children.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station

Capt. John I. Hardy, USN Station Commander

"J." Bibby Public Affairs Officer

Frederick L. Richards Editor

Staff Writers: Budd Got, John R. McCabe, Joan Raber

Staff Photographers: Jerry Williams, PH1; Robert Hancock, PH2; Dennis Smith, PH3; Jerry Willey, PHAN; and Ralph Robey, PH2 (Pasadena).

DIVINE SERVICES

- Christian Science (Chapel Annex)—Morning Service—11 a.m. Sunday School—9:30 a.m.

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 53.

Technical Publications Writer, (Engineering), GS-11, Code 3042 — The incumbent writes or edits reports and articles about projects under development in the Surface Control Systems Exploratory Development Program.

General Engineer, GS-9, 11 or 12, Code 3021 — Incumbent is a Range Engineer in the Systems Development Department's G-2, K-2, K-3, C7-4 Victor or Vandenberg Wash Ground Range test areas.

Clerk (DMT), GS-4, Code 3073 — Incumbent is secretary to the Head, Track Instrumentation Branch, and provides the necessary secretarial and office management services required by the branch for efficient operation.

Clerk (DMT), GS-4, Code 3071 — Incumbent is secretary to the Head, Track Projects Branch, Code 3043 — This position is that of an Electronic Engineer in the Electro-Mechanical Branch, Instrument Development Division, Systems Development Department.

Electronic Engineer, (Instrumentation), GS-9 or 11, Code 3043 — This position is that of an Electronic Engineer in the Electro-Mechanical Branch, Instrument Development Division, Systems Development Department.

Electronics Technician, GS-9, Code 3043 — This position is that of an Electronics Technician in the Electro-Mechanical Branch, Instrument Development Division, Systems Development Department.

File applications for above with Joan Lines, Bldg. 34, Room 24, Phone 71471.

Engineering Technician, GS-11, Code 5507, PD No. 45507 — Incumbent acts as technical assistant to the Shrike Systems Manager in the areas of program planning, technical follow-up and control of work assigned to the line project engineers.

Mechanical Engineer, GS-12, Code 5566, PD No. 055043-2 — Designs and develops weapon containers and their support equipment.

Clerk-Typist, GS-4, Code 5525, PD No. 055089 — Incumbent is Branch Secretary in the Systems Electronic Design Branch.

File applications for above with Loretta Dudley, Bldg. 34, Rm. 34, Phone 71471.

Mechanical Engineer GS-9, 11 or 12, Code 3512 — Responsible for mechanical design on experimental and developmental components, air frame structures, and systems for the Walleye weapon system.

Electronic Technician GS-05-11, Code 3562 — The incumbent will design, fabricate and package air level instrumentation needs for projects in the branch.

File applications for above with Mary Morrison, Bldg. 34, Rm. 32, Phone 72032.

Truck Driver, (Heavy Trailer), Code 7078 (2 Vacancies) JD No. 10-2 — Drives straight-in-line trucks of gross weight ratings in excess of 32,000 pounds or any tractor and semi-trailer combination.

File applications for above with Dora Chiles, Bldg. 24, Rm. 22, Phone 71923.

EDITORIAL

Library Week, April 17-23

APRIL 17 marks the beginning of National Library Week. Like the USO, a post or shipboard library can be something of a home away from home for men and women in uniform.

Often, in the middle of "round-the-clock military activity, the library is one of the few places where off-duty personnel can settle in a comfortable chair, listen to music, write letters and catch up on the magazines from back home.



The library also offers something more important than relaxation. Perhaps no profession in the United States today can claim so many "self-educated" men as the military.

The quality of service libraries varies. In some cases they are little more than a few shelves of books on the mess-deck of a small ship.

A library is a public collection of knowledge, a storehouse of answers in a world becoming more and more complex.



CHAIRMAN OF VOLUNTEERS Mrs. Howell Sumrall (left) signs up Mrs. Lowell Wiese for the Red Cross Social Welfare Aide Class that begins here next Tuesday, April 19, at the Red Cross Bldg.

File applications for above with Sherry Scher, Bldg. 34, Rm. 26, Phone 71577.

Clerk (DMT) GS-316-4, Code 4036—Types technical notes, reports, official correspondence, forms, etc., from either rough draft or recorded dictation.

Electronic Engineer, GS-11, 12 or 13, Code 4025 — Designs solid state circuits and electronic control systems for application in the SHRIKE guidance computer.

File applications for above with Sandra

Rafts Cruise Utah Via Wild Canyons In Color Movie

"Canyon Challenge," a wide-screen color movie featuring adventures on a raft trip down the Green and Colorado Rivers in Utah, will be shown at 8 p.m. on Monday, April 18th at the Richmond School Auditorium.

Sponsored by the local chapter of the Sierra Club, the film will be narrated by Bill Adams, the photographer who took the pictures last summer during an exceptionally high stage of water, and Ken Sleight of Wonderland Expeditions who was the guide for the trip.

The viewers are in for a treat as they watch the rafts start out from the Indian settlement of Ouray, Utah, drift down a calm stretch of the Green River past an abandoned ferry, deserted ranches and into Desolation Canyon so named by Powell on his first river trip in 1879.

Several China Lakers including Hal and Jean Bennett, Bill and Opal Norris, Ralph and Eileen Dietz and others have been on the river and the Bennetts have already shown slides of their trips to various groups in the local area.

Increased nurse recruitment has been authorized by Defense Secretary Robert S. McNamara, including placement of civilian nurses in some full and part-time military positions in the United States.

Projected nurse requirements are 17,275. (Army, 8,243; Navy, 3,440; and Air Force, 5,592.) Current needs to meet FY66 requirements are about 4,500.

The program is open to everyone, and there will be a \$1.00 donation for adults and 50 cents for children to help defray the expenses of the lecturers.

New Operations Officer at VX-5



CDR. MARION L. MINNIS

Returning to VX-5 as its new Operations Officer is Cdr. Marion Lee Minnis, who relieved Cdr. Theodore L. Lloyd recently.

Cdr. Minnis came to China Lake from duty aboard the USS Oriskany (CVA-34), where he served in Vietnam waters.

A native Texan from the town of Wylie, Cdr. Minnis began his service in 1945 as a White Hat, and served recently as a Polarix technical officer for BuWeps.

Services Need 17,275 Nurses

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This does not change requirements for approved three or four year graduates, who may still apply for a direct commission as second lieutenant or ensign.

'Best Ball' Meet Set at CL Bowl As 1st of Type

For its first time, the China Lake Bowl is scheduling a "Partner's Best Ball" tournament, announces Fred Dalpiaz, manager.

This first annual tournament is set for Sunday afternoon, April 24, with an entry fee of \$3 per player. There is to be one finishing place for every five entries, 100 per cent return of prize fund, and a 100 per cent handicap.

All Lakers interested in entering the tournament may sign up at the China Lake Bowl.

According to the rules of play, says Dalpiaz, each partner plays three games on one pair of lanes. Their score is determined by using their best score in each frame.

The winners are those with the highest best ball, plus handicap for the three games.

If the partners have a question as to which score should be recorded in any frame, they must decide before either bowls the next frame.

Carlos, Mangapit Place in Doubles At Bakersfield

Two Burros racquetees took second place in the doubles matches at the third annual Easter Week Tennis Tournament held in Bakersfield.

Ben Carlos and Dan Mangapit, two of the seven members of the Burroughs Tennis Team to go to the tourney, were victorious in two matches before being defeated by a doubles team from East Bakersfield and Foothill high schools.

Ben and Dan took their first match 4-6; 6-2; 6-4 as they came from behind after dropping the first set, eliminating the East Bakersfield High team.

They were victorious in their second match, winning the first set, dropping the second set, and taking the third set and the match against Delano's Snider and Edict.

Chaplain of East Bakersfield High and Wright of Foothill High teamed up to down the Burroughs' men for the doubles championship by taking both the first and second sets.

Farewell Party Set For Retiring Officers

Cdr. R. G. Langland and LCDr. G. A. Savage will be honored at a no-host farewell party in the Mojave Room of the Officers Club, taking note of their retirement on Sunday, May 1.

The party will begin at 6:30 p.m. on Friday, April 29. Friends and associates of the departing officers are invited to join them in bidding farewell.

Final Tryouts Slated For Little League Sat.

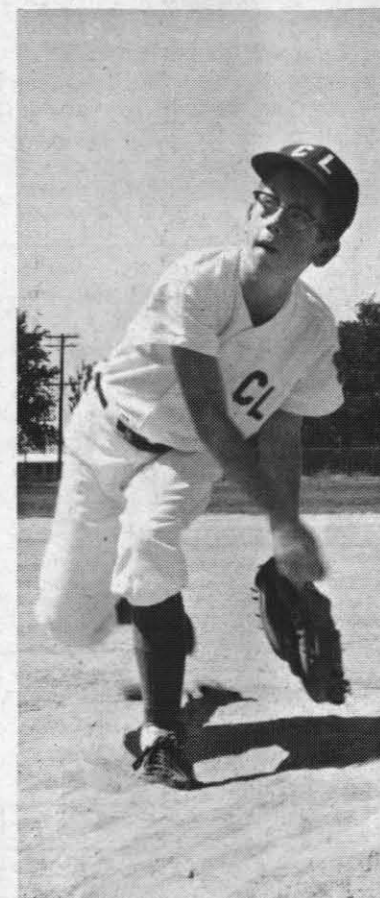
Tomorrow is the last day for Little League tryouts which will be held at Diamond No. 4 starting at 9 a.m. All boys age 10 through 12 should attend this Major League tryout, Little League officials emphasized.

Boys who are already on a Major League team and who have not registered yet should register at this time. An adult is required at the registration.

Boys who are not registered will not be allowed to practice with their team, officials warned.

Boys of League age 10 through 12 who do not make the tryouts will not be considered for Major League play.

If there is hardship involved in making this last chance at the tryout candidates are ad-



STEVE PULLEN . . . of last year's All-Stars

vised to contact one of the following Little League officials:

J. H. McElroth, George Wright, Gordon Peacock, Jim Bowen or Jim Runchey. The matter then will be taken up with the Board of Directors.

24 CLUB — WOMEN'S SCRATCH

The "Just Missed" team didn't, to come up with the honors for high team game and series when they rolled a 678 game and a 1926 series.

Boys of League age 8 and 9 will not be required to tryout, however, they must be registered or they will not be assigned to teams.

Over 300 boys from the ages of 8 to 12 participate in Little League play at China Lake each season. Twenty-two teams comprise the League.

How's This For A Finish

(Continued from Page 6)

Regular season high scores are as follows: team series, Pin Folk, 3075; team game, Black Cats, 1101; men's series, John Aitchison, 705; women's series, Ruth Neff, 687; men's game, Wally Lump, 294; women's game, Coco White, 270.

High scores for the 28th week of regular play are as follows: team series, Spinks, 2929; team game, Jacks and Better, 1030; men's series, Dick Talbot, 649; women's series, Pris Springer, 614; men's game, Ray Hanson, 237; women's game, Kathy Stanler, 235.

A ROUND BARRACKS

The Coast Guard aviation Center in Elizabeth City, North Carolina is scheduled to begin construction this year of a round barracks, a "first" in the construction of military barracks.



TROPHY WINNERS—Burroughs' High Mangapit and Ben Carlos hold trophies won in Bakersfield Tennis Tourney.