

### Fire Drills Slated For Wednesday

Fire evacuation drills in major buildings and elementary schools will take place Wednesday, October 12. The schedule, as announced by Fire Chief Jim Davis, follows (times listed are approximate):  
Michelson Lab and adjacent Quonset huts, 8:30 a.m.; Administration Bldg., 8:45; TID buildings, 8:50; Warehouse 19, 9:10; Public Works Office Bldg., 9:05; Training Bldg., 9:10; Day Nursery School Bldgs., 9:15; PWO and Engineering Office Bldgs., 00037 and 00060, 9:20; Security, Housing and Personnel Bldgs., 9:25; Navy Child Care Center, 9:35; Snort Operations Bldg., 10 a.m.; NAF Hangar 1, 10:55; NAF Hangar 2, 11:05; NAF Hangar 3, 11:15; Richmond School, 12:55; Vieg School, 1:05; Desert Park School, 1:20; Naval Barracks 1, 2, 3, 4 and 5, 9 p.m.; Headquarters, NOTS Enlisted Personnel, barracks and galley, 9:10.

### Fire Inspection Of Station Homes Started Monday

Fire Division teams will make safety and fire prevention inspections of all buildings on the Station beginning Monday, October 3 and continuing weekdays and Saturday afternoon through October 31.  
Inspectors will call at the front door of each residence and request permission to inspect the house. Tenants are asked to accompany the inspectors on their tour of the property.  
Fire inspection forms listing any hazards observed will be given to the tenant, with recommendations for corrective measures, Fire Chief Jim Davis reported.

### Fire Chief Davis Lists Disaster Hazard Facts

For Fire Chief Jim Davis and the men of the NOTS Fire Department, fire prevention week comes 52 times a year. Next week, to coincide with National Fire Prevention Week, the department will emphasize their work.  
A program of fire prevention education is conducted by the fire department the year around. In talking to groups and individuals they point out that over 90 percent of all fire loss is due to negligence. The offenders are listed as follows:  
The careless smoker rates as probably the greatest offender. Too many smokers get into the habit of throwing cigarette butts on the floor, on the roads or in a waste paper basket. It's easy to see the dangers involved in these careless acts.  
The person who smokes in bed or anyplace in a house when sleepy always runs the chance of fire damage, to say nothing of death. Unfortunately it is not always just the smoker who suffers from the negligent act. More often than not the innocent is also hurt by a fire caused in this way.

Too many electrical appliances plugged into a single outlet, or appliances that are allowed to overheat also contribute to fire loss. It may be the iron left on, or the coffee pot left to boil dry. Whatever their nature, electrical appliances that generate heat should never be left unattended.  
Improper Wiring  
Old and improper wiring can be a big cause of fire damage. Many older houses were wired long before all of the popular modern electrical devices came into use. Be sure that you do not overload your electrical lines.  
Residence Inspection  
Fire Prevention inspections of homes on the Station will be made each week day and Sat-

urday afternoon throughout the month of October.  
Fire Division personnel, working in groups of two, will call at the front door of each residence, request permission to inspect the house and premises for fire hazards and, on permission of the tenant and in the company of the tenant, inspect the property for the following:  
1. Rubbish and trash accumulations.  
2. Obstructed exits.  
3. Flammable liquids improperly stored.  
4. Painting materials, oily rags, unsafe.  
5. Combustibles too near heating devices.  
6. Defective flues and vent pipes.  
7. Evidence of careless smoking habits.  
8. Evidence of probable overloading of electrical circuits.  
9. Defective wiring.  
10. Unsafe electric cords and motors.  
11. Lint trap on dryer requires cleaning.  
12. Gas leaks or odors.  
13. Quarters Fire Bill legible and posted.  
14. Yard cleanup needed.  
If you have a problem regarding fire prevention, possible or potential fire hazards, call on the Fire Department, extension 71333. They will be happy to assist you.



FIRE PREVENTION WEEK OCT. 9-15

### VX-5 Safety Man Toastmasters Sponsor Class In Leadership



The China Lake Toastmaster Club and the Ridgecrest Desert Toastmaster Club are sponsoring a program for young adults, known as a Youth Leadership Program.  
The purpose of the program is to provide a group of youths with the opportunity to improve their ability to communicate through such things as group discussions, parliamentary procedures, chairmanship, and group self-government.  
The program consists of eight two-hour meetings — once per week. This first program is open to enlisted men, twenty years of age or less, attached to NOTS, NAF, or VX-5.  
Space allocation will be on a first-come, first-served basis. The first session will be about Oct. 23. Those men interested should contact John Ward at 72957, or Dick Brophy at 71750.  
**LT. MATTHEW A. MCCARTHY**

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### DON'T GIVE FIRE A PLACE TO START!

### SHOWBOAT

FRIDAY OCTOBER 7  
"AROUND THE WORLD UNDER THE SEA"  
Lloyd Bridges, David McCallum  
7:30 p.m.  
(Adventure in Color) Six scientists dared a desperate mission under the sea to plant seismographic sensors on the ocean floor to warn of impending earthquakes and tidal waves. Thrill to the atomic sub and sophisticated SCUBA gear. (Adults, Youth, Mature Children.)  
SATURDAY OCTOBER 8  
—MATINEE—  
"TWO LITTLE BEARS" (82 Min.)  
Eddie Albert  
1:00 p.m.  
Shorts: "Banana Binge" (7 Min.)  
"Capt. Kidd No. 7" (16 Min.)  
—EVENING—  
"OUT OF SIGHT" (90 Min.)  
Johnathon Doly, Karen Jensen  
7:30 p.m.  
(Comedy/Musical) Secret agent's butler tries to emulate his boss and gets head over heels in a "sinner" plot filled with bikini-clad love-lies and a music fair. Add the Astronauts, turtles and knickerbockers to the music. Rock 'n roll. (Adults, Mature Youth.)  
Shorts: "The Big Kids" (7 Min.)  
"Jungle Man Killers" (10 Min.)  
SUNDAY-MONDAY OCTOBER 9-10  
"BLINDFOLD" (102 Min.)  
Rock Hudson, Claudia Cardinale  
7:30 p.m.  
(Mystery/Comedy in Color) Prominent N.Y. psychologist reluctantly accepts a secret case involving the CIA and a top security patient. Pretty Claudia has an interest in the case and him, but proceeds to gum up the whole case. Thrills and FUN! (Adults, Youth and Mature Children.)  
Short: "South Pole Pets" (7 Min.)  
TUESDAY-WEDNESDAY OCTOBER 10-11  
"JOHNNY TIGER" (101 Min.)  
Robert Taylor, Geraldine Brook  
7:30 p.m.  
(Drama in Color) Widowed college prof. moves to the Everglades with his children to teach the Seminole Indians. He meets strong resistance and the threat of a medicine man's spell. Why did they fear the laughing owls? Unusual. (Adults, Youth, Children.)  
Short: "Lickety-Split (Roadrunner)" (7 Min.)  
THURSDAY-FRIDAY OCTOBER 13-14  
"LT. ROBIN CRUSOE, U.S.N." (113 Min.)  
Dick Van Dyke, Nancy Kwan, Akim Tamiroff  
7:30 p.m.  
(Comedy in Color) Jet pilot ditched on a desert island, meets an astro-chimp—and a banished pretty native girl. He teaches her about women's rights and thereby starts a rebellion when she returns to her village. A laugh a minute! (Adults, Youth, Children.)  
Short: "Two Weeks Vacation" (7 Min.)

### CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS

- Man's nickname
- Band over
- Like a bear
- Chief
- Compass point
- Parts of flowers
- Artificial language
- Grand Duchy (abbr.)
- Man's nickname
- Decorate
- Rail bird
- Take one's part
- Compass point
- Shoot at from cover
- Girl's nickname
- Exclamation
- Young salmon
- Shore bird
- Quiet!
- Boisterous festivity
- Loop
- Cover
- Chimney carbon
- Part of speech
- Girl's name
- Druggery
- Parent (colloq.)
- Teutonic deity
- Latticework
- A state (abbr.)
- Relative
- Tour
- Portions of medicine
- Compass point
- Before

DOWN

- Large cask
- A state
- Manuscript (abbr.)

Distr. by United Feature Syndicate, Inc.

For Use in Authorized Service Newspapers Only.

## Desert Empire Fair Parade Set For Saturday



Vol. XXI, No. 40 Naval Ordnance Test Station, China Lake, California Fri., Oct. 7, 1966

# Computer Technology Advance in 1967 Seen

### Greater Speed, Remote Access To Present New Opportunities

A taste of what the coming new year is to bring to NOTS in the way of multiplying the benefits of computer technology, by making a giant new computer available to a greatly enlarged clientele on Station, was provided to an audience of professional China Lakers Tuesday, September 27, by Dr. R. M. Fano, Professor of Engineering and of Electrical Communications at M.I.T.  
In a lecture and demonstration at the Community Center Tuesday morning, Dr. Fano explained the benefits of "computer time-sharing," a system of remote hookups to a central computer to enable a number of people to use it at the same time.  
A similar kind of system is planned for NOTS early in 1967. The time-sharing system at NOTS is to center around a Univac 1108 computer to be delivered here in early January for installation in Wing 5 of Michelson Lab. Host for the computer will be the Data Computation Branch of Code 30, headed by Robert H. Bracken.  
Hooked into the 1108 computer are to be a dozen remote consoles equipped with

TV-type viewing screens and typewriter-like keyboards. There are also to be three Univac 1005 computers to provide remote data processing capabilities, having printout and card capabilities. The 1005's are also "stand-alone" computers, and will do small jobs on their own. One of them is already in use by Accounting Division's Data Processing Branch, hooked by phone lines to, as available, an 1108 computer in Minneapolis or another in Huntsville, Alabama, and used to provide future NOTS users of the new system with program checkout. An IBM 7094 computer now in use is to be removed, and reassigned by the Navy.  
**New System Saves Time**  
"One of the main things is that we expect to give the scientist good turnaround time with the new system," says Bob Bracken. He also points out that large batch-type jobs which now require several hours to complete, could be completed in 15 or 20 minutes with the new system.  
He explains that the two new services to be provided by the (Continued on Page 3)



SUE ANN LANGDON  
... Parade Grand Marshal



JANICE HUKEL  
... Miss Ridgecrest 1966

Following a fly-over by Naval Ordnance Test Station jet aircraft, the usual salute to the beginning of the Parade, the 433rd Army Band and Color Guard from Fort Irwin will lead off the 16th annual Desert Empire Fair Parade at 11 a.m. Saturday.  
Leading the Parade with the band will be this year's Grand Marshal, Sue Ann Langdon, star of stage and screen, whose mother is Mrs. Grace Lookhoff of Ridgecrest. In addition to being a talented actress, Miss Langdon is also an avid horsewoman and raises pure bred Arabians.  
Miss Janice Hukel reigns this year, for the second year in a row, as the queen of the five day event.  
**Many Entries**  
In addition to the Army Band, the 3rd Marine Aircraft Wing Band from El Toro and the band and drill team from Edwards Air Force Base, will add their talents to the festivities, along with Bo, the Happy Clown and many equestrians in their colorful and costly costumes riding some of the most highly trained horses in California.  
Also for the enjoyment of (Continued on Page 3)



FUND DRIVE CHAIRMAN — Clarence Renne of Code 455, has been named Chairman for this year's "Once For All" Campaign. Over 100 Federal offices and installations are taking part in this year's drive to help others.



PLANNING FOR 1967 — Reviewing specifications for the new Univac 1108 computer and associated remote processing equipment, is Robert H. Bracken (r), head of Code 30's Data Computation Br., and John Thurston, a consultant with Univac. The system is to arrive here in early January, and will provide multiple access from remote consoles on Station and from smaller 1005 computers.

### "Once for All" Drive To Start Next Monday

Monday will be the kick-off day for the Indian Wells Valley's second annual "Once For All" campaign against distress, disease and hunger around the world. By participating in the Combined Federal Campaign, Military and Federal people will contribute their support for three volunteer agencies in one drive in order to offer hope, help and encouragement to those less fortunate.  
**100 Federal Offices**  
NOTS will be one of 100 Federal offices and installations participating in the three week CFC drive. The Inyokern and Ridgecrest post offices will also join in the combined effort.  
Sanctioned by the President of the United States and supported by the American Federation of Government Employees and the AFL-CIO Government Employees' Council, all of the charity solicitations formerly conducted in three separate campaigns are now consolidated into one fund-raising drive.  
The Combined Federal Campaign, in this single effort, provides support to the member agencies of United Fund that serves the Indian Wells Valley, National Health Agencies and International Service Agencies.  
**Payroll Deductions**  
Military and Federal personnel are offered the convenience of payroll deduction. (Continued on Page 3)

### TEMPERATURES

	Max.	Min.
Sept. 30	90	63
Oct. 1	89	59
Oct. 2	87	61
Oct. 3	81	60
Oct. 4	83	55
Oct. 5	81	55
Oct. 6	82	50

## Station Joins In National Fire Prevention

# Family Counseling Service Rates High

## New Methods Are Being Pioneered By Service Group

BY MARY PLAUSON

In a time of great emotional or social stress, man has traditionally turned to his friends, seeking aid and counsel to help him through the crisis. Such a friend in the Indian Wells Valley is the Desert Area Family Counseling Service, an agency which provides professional help to persons who are experiencing emotional and social difficulties. This agency is the only one of its kind within a 100

mile radius and its services are available to anyone in the area.

### History of Service

The Desert Area Family Counseling Service began in 1951 after a community survey by a study group of the American Association of University Women revealed a need for such a service in the area. With \$1,000 provided by the United Fund, the agency hired Mrs. Sylvia Besser, a trained social worker, to work one day a week as the first director. Help from the California State Department of Mental Hygiene enabled the agency to increase its service to 3 and one half days in 1956.

In 1958, NOTS management recognized the need for a coun-

seling service for its employees and provided for the part-time Civil Service employment of a trained social worker. This arrangement made it possible for DAFCS to operate on a full-time basis.

Over the years, the scope and range of the services provided by the agency continued to grow as an increasing number of clients came to the agency for help. By the end of 1961, the staff included a full-time psychiatric social worker who also served as director, plus a part-time counselor.

### Pioneer in New Methods

Until this time the agency had functioned in the traditional manner. The psychiatric consultant, Dr. Fred Feldman, who had served in this capacity almost since the inception of the agency, remained in Los Angeles and the social worker consulted with him one or two hours a month. However, in 1962, when Dr. Feldman began spending one day per month at the agency, a unique new concept in psychiatric counseling, the Tripartite Session, was attempted.

The Tripartite Session is a three-party interview in which the psychiatrist, social worker and patient all participate. In contrast to the traditional method in which the psychiatrist consults only with the social worker, the Tripartite Session allows the psychiatrist to talk to the patient personally. Using the observations of the social worker plus his own personal impressions, the psychiatrist is thus able to give greater help to the patient.

The Tripartite Session was originated at China Lake by Dr. Feldman and has been used with great success by the agency. To date, DAFCS is believed to be the only such agency to use this mode of interaction.

### Types of Service Provided

The counseling provided by DAFCS is in three general areas—psychiatric problems, family relationship problems, and

(Continued on Page 5)

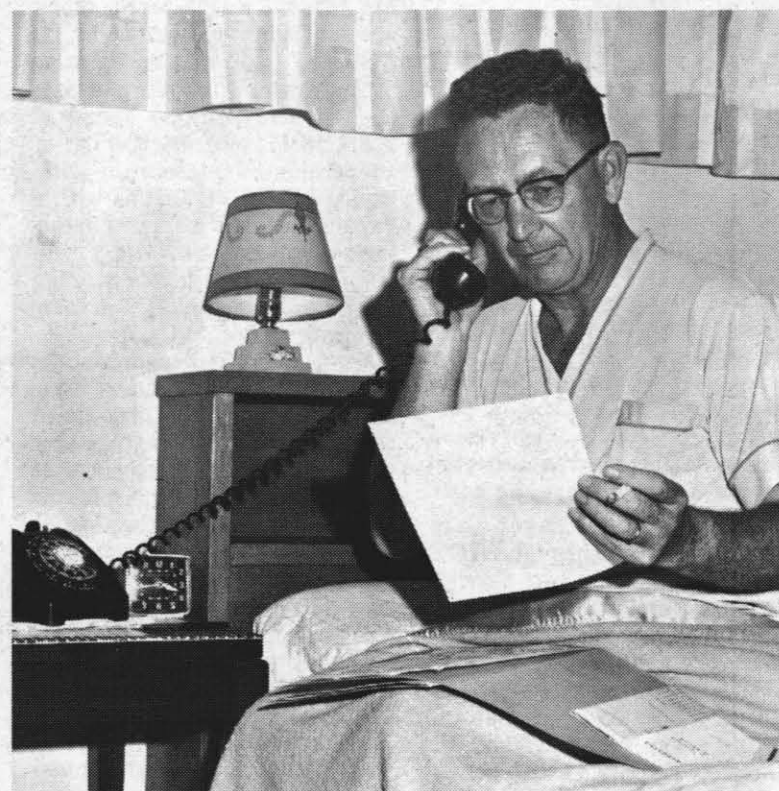


**CHILDS PLAY IS REVEALING** — The way a child plays often reveals to the social worker the fears which that child is unable to put into words. Dave Seppich, a counselor, and Kathryn Plauson demonstrate this technique.



**MORE INTENSIVE CARE** — Shirley Creacey, Administrative Assistant and Trojonaire pilot Ted Greenlaw, see a patient off to Los Angeles where he will receive more

intensified psychiatric care than the agency can provide. DAFCS, with the help of Trojonaire, is equipped to handle such emergencies. —Photo by PH-3 Jerry Willey



**HELP IN THE MIDDLE OF THE NIGHT** An anxious patient calls in the middle of the night for much needed reassurance as a problem arises which only he can help solve. Executive Director Arthur McCorkle finds that his day rarely ends at the usual time of 5 p.m.



**COMPETING WITH AN ADULT** — In a friendly game of darts with counselor Dave Seppich, Greg Creacey learns that competing with an adult can be fun. These sessions at the dartboard and various other games will enable him to face the adult world with greater confidence.



**DISCUSSING COMMUNITY NEEDS** — Dr. Alvin Gordon, President of the DAFCS Board of Directors, left, discusses the mental health needs and problems of the community with Mrs. Lynn Powers, President of the United Fund Board, and Kern County Supervisor Leroy Jackson.

## New Methods Are Being Pioneered

(Continued from Page 4)

child guidance. In addition, the agency, because of its isolated location, must be prepared to provide care for the whole range of psychotic and neurotic disorders. This is a responsibility that the average family counseling service does not have.

The executive director for DAFCS is Arthur R. McCorkle who joined the agency in August. Besides his administrative duties, he sees an average of 25 patients per week. Another 10 patients are seen by David A. Seppich, the school psychologist, who works on a part-time basis. Dr. Fred Feldman visits the agency two days per month. He has full medical responsibility and participates in all diagnoses and all recommendations for treatment. The agency maintains continuous communication with Dr. Feldman between his visits.

### 341 Persons Seen

In 1965, 341 persons were seen by the agency in personal and family interviews. In addition, DAFCS provides professional aid for community groups when it is needed. Dr. Feldman serves as consultant to the local school districts where he discusses problem areas with students, parents, teachers, and at times, the entire staff.

Often collateral interviews are held with a patient's employer or supervisor if the patient's emotional problems are interfering with his work. All efforts are made to educate and counsel the supervisor so that he can assist in the patient's psychiatric treatment.

Education and counsel are also provided for probation and security officers to help them gain insight into the problems which arise in their work. Individual conferences with the family physician or clergyman are frequently arranged by the agency so that the problems of a specific family may be better understood.

## Pebble Pups Hold Searles Lake Trip

The Pebble Pups will meet at the Recreation Hall in the center of Trona for their first field trip to Searles Lake at 9 a.m., Saturday, October 8.

There will be other scheduled trips throughout the day and again on Sunday morning.

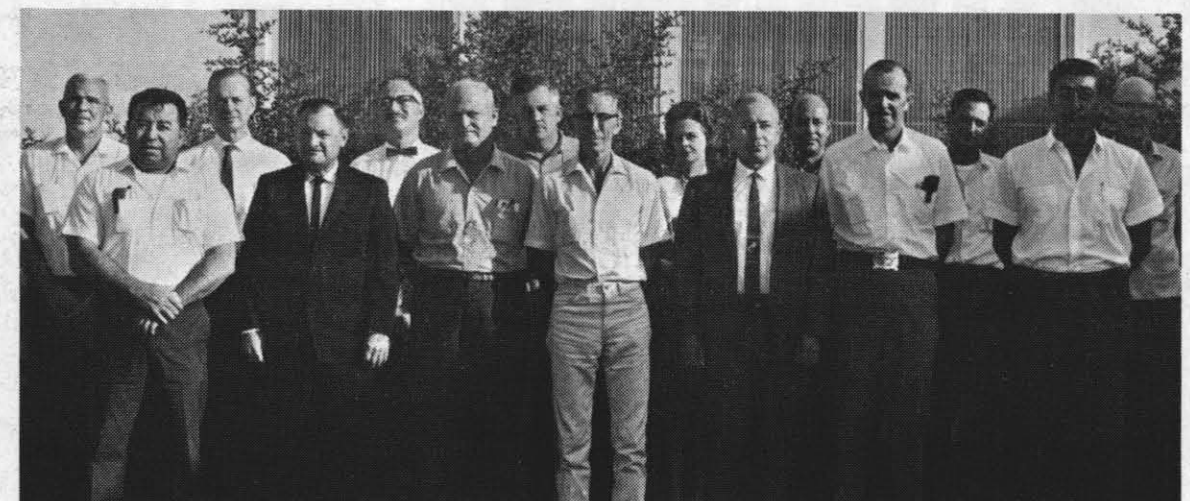
Members should wear old clothes and a hat, and their equipment should consist of a shovel or hoe, hammer, garden tools, boxes, water, and a lunch.

## Cobbler To Close Tonight For Good

If you have recently left shoes at the Station Cobbler Shop for repair, you have only a matter of hours to re-claim them.

At 6 p.m. tonight the shop will close its doors for good. They will be open from 4:30 to 6 p.m. today only for those wishing to pick up repaired shoes.

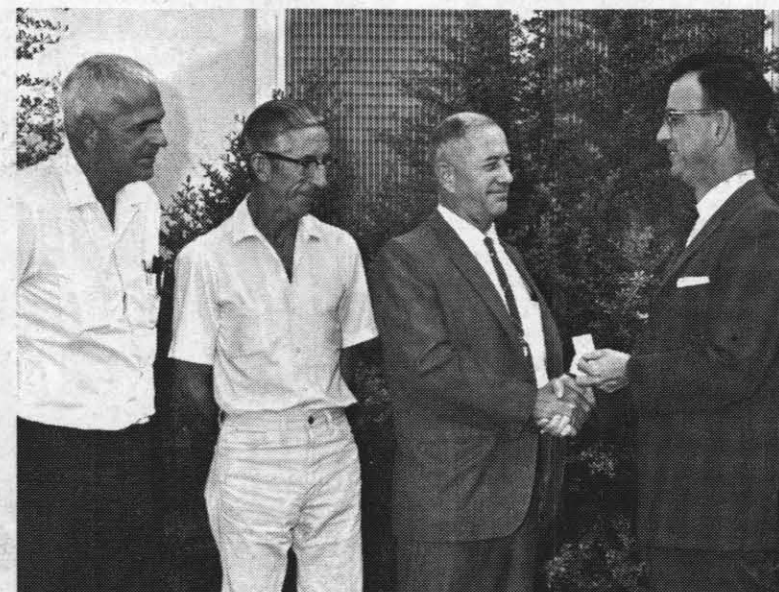
## Awards Presented Totaling 360 Years



**SERVICE AWARDS PRESENTED**—16 Code 45 employees were recently awarded service pins totaling 360 years of NOTS and Federal service. Franklin Barney, Chester E. Colclasure, Lewis A. Stevens and Judson B. Eldridge, not shown, each received 30 year awards. The rest were for 20 years.

From the left is Franklin Barney, Victor F. Castaneda, H. P. Jenkins, Jr., Goodloe G. Dustman, Harold W. Rosenberg, W. E. Osmundsen, W. O. Hamilton, Chester E. Colclasure, Judy Hamilton, Lewis A. Stevens, James P. Curran, Jack R. Warren, Walter E. LaDassor, John Gonzales and Cecil A. Glass.

## Code 45 Men Are Honored 'Farewell Doves' Starts Flick Run



**THIRTY YEAR AWARDS** — Three men from Code 45 were recently presented their 30 year pins by Dr. G. W. Leonard, Department Head. From left to right they are Franklin Barney, Chester E. Colclasure and Lewis A. Stevens.

"Farewell Doves," prizewinning film at the Locarno International Film Festival, will inaugurate the 1966-67 China Lake Film Society series on Monday, Oct. 10, and Tuesday Oct. 11, at 8 p.m.

A story of contemporary life in the Soviet Union, it portrays the loves, conflicts, and dreams of two generations of Russians. The film is the first of a series of eight prizewinning films selected from cinema masterpieces of eight countries.

The films include the Kurosawa masterpiece, "Drunk Angel" (Feb. 13-14, 1967), and Fellini's "Nights of Cabiria" (Nov. 14-15, 1966).

Films in the series will be shown in the East Room of the Community Center at 8 p.m. on the second Monday and Tuesday of each month. Full season tickets (\$5.00) and half season tickets (\$3.00) will be on sale at the Plaza Friday and Saturday, Oct. 7 and 8, and will also be available at the gate.

Tickets can also be secured by calling Roy Rockstrom at 712338 or Isidore Klein at 721373. Military tickets for full or half season are \$3.00 and \$2.00, respectively.

## Sartre's 'No Exit' Now in Rehearsal

Rehearsals are now underway at the Desert Division of Bakersfield College for its Fall production of "No Exit" by Jean-Paul Sartre. The Theatre 27 Company has a strong nucleus of seasoned actors comprising the cast of its opening presentation.

The lead roles in "No Exit" are played by Florence Green as Estelle; Martin Landau as Cradeau; Joan Leipnik as Inez. Each actor has been locally acclaimed for past performances.

"No Exit" is a stark drama in which the souls of its characters are shorn of secrecy and the blackest deeds are mercilessly exposed to view. In its soul-searching examinations, it ranks with the best dramas, and, for sheer impact, it is unequalled.

Jean-Paul Sartre, the author, is noted for his leadership in existentialism, a philosophy of the will rather than reason. Man is defined as the sum total of his acts.

## Dr. M. Hawthorne Will Address The Chemical Society

Dr. M. Frederick Hawthorne, Professor of Chemistry at the University of California, Riverside, will speak to the Mojave Desert Section of the American Chemical Society at 8 p.m. October 10, at the Hideaway Restaurant in Ridgecrest. Dinner may be ordered at 6:30 p.m. preceding the meeting.

Dr. Hawthorne will discuss the synthesis properties and reactions of transition metal sandwich compounds and the lower carbonates formed from degradation of B10C2H12. The transition metal sandwich compounds were found to resemble ferrocene and its analogs. After receiving his B.A. degree from Pomona College and his Ph.D. from UCLA, the speaker has served in several research positions at Iowa State College and with the Rohm and Haas Company. Since that time Dr. Hawthorne has been a visiting lecturer at Harvard University and Queen Mary College, University of London. He has also been an Alfred P. Sloan Research Fellow since 1963.

## Lakers Launch New Dog Club With Pup Match

The newest club on the Station to serve an avocation of China Lakers will launch its career tomorrow with a Purebred Puppy Match at the Desert Empire Fair.

The Desert Dog Association, formed by 30 Lakers — civilian and military — is dedicated to improving the standard breeds of dogs in the desert and to provide Valley dog owners with information on the care and character of their dogs.

A judge from San Diego, Fran Hall, will examine puppy entries in tomorrow's 3:30 p.m. contest. The Desert Dog Association will accept entries on the grounds until 2:00 p.m., at \$1.50 each. The puppies will be divided into four age classes of from one to 12 months and by sex, and the Association points out that the judging will not count toward AKC (American Kennel Club) championship points.

The new Association will hold its meetings at 8 p.m. on the second Thursday of each month, and has been meeting in the recreation building in Ridgecrest Park. Members are building a reference library, and operate a clearing house service for information on dogs. Patton Temple, at 377-6978, and Mike Denley, at 375-5390, also offer to steer questions on dog care to owners who have coped successfully with various problems in the past.

Pat Temple is president of the new club, and other officers are Art Trent, vice-president; Virginia Barber, secretary; Lt. Ron Stoops, treasurer, and Mike Denley, technical editor. The club's motto, expressing its primary aim is: "Better Breeds through Better Breeding."

Middle age is when a woman's hair begins to turn from gray to black.

# NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

## How Much Is That Doggy in the Basket?



We are very sorry the doggy is not for sale, but we are very happy to report this little curly top (and all over) was offered an abundance of homes when he recently strayed through NOTS Pasadena south gate (without badge, yet, sh-h-h-h-h-h-h-h-h-h-h!)

He wandered aimlessly around station for a bit, paid a visit to the Photo Lab, then latched onto Mimi Goldsberry and her mail cart. No doubt weary in his travels he needed a free ride. He didn't need food as evidenced by his roly-poly appearance, but he didn't discourage many handouts.

Well, to make a short story long, after the expected oohing and aahing over this delightful bit of fluff, everyone wanted to kidnap him. But right will out, and an attempt was made to find the rightful owner who was probably heart-broken over loss of a dear pet.

SO — Public Affairs Office, more recently known also as "Home For Indigent Animals," did a bit of sleuthing and it was determined from a reliable source that the puppy had been abandoned, since no calls were received in response to a classified ad.

Lyn Herwig relinquished first claim on little "whatsis" since she already has a dog and since Jo Ann Gorz was simply drooling over the new find.

Jo Ann and husband Ray report that little nameless (as yet) is now a full-fledged family member.

Ah me, another success story. Perhaps not as vital as technological advances, but certainly vital to the realm of human emotions.

"WHATIS" AND FRIEND

## Welcome Aboard

New Employees

Supply—Orlando G. Valdez, Contract Negotiator.  
 UOD—Eloise Y. Rice, Secretary - Stenographer; Ward Y. Herrick, Mechanical Engineering Technician; and Lynn Ann Hooker, Clerk-Stenographer.



EVERYBODY'S HAPPY — D. A. Kunz, Head, Systems Operations Division, is delighted to present Patent Holding Awards with \$50 checks to smiling recipients George Lindsay and Harper Whitehouse, both in the Electronics Section of the Electronics Branch; and Paul Heckman, from the Applied Undersea Science Section of the Advance Systems Branch (l-r). Lindsay and Whitehouse, in a joint effort, were rewarded for their idea on an, "Improved Multiple Code Delay Line Correlator," which is a matched filtering device for detection of signals. Heckman's patent for, "Photo Cathode Gating of Image Orthicon Tube," is for use with extended range underwater photos.

## "Flu" Shot Clinic

An announcement has been made as to the availability of free influenza inoculations to military personnel and their dependents and to civilian personnel of NOTS Pasadena.

Military will be immunized on a mandatory basis; military dependents over age six years and civilian personnel will be offered the vaccine on a voluntary basis. One influenza immunization will provide a high degree of protection against influenza virus for a period of 12 months. Dr. Elmo R. Zumwalt, Industrial Medical Officer from China Lake, will attend the clinic.

The immunization clinic will be held on Friday, October 14, 1966 between the hours of 8:30 a.m. to 12 noon and 1-4 p.m. in the Foothill Dispensary.

## El Toros Lead By One Game

BY RAY HANSON

The El Toros have bulled their way to a tenuous one-game lead in the NOTS bowling league. After three weeks of play, the Boos lead with a record of 10 wins, 2 losses. The first-place team consists of Dory and John Aitchison, N o v a and Len Semeyn, and Ed Karig. A second-place tie involves Mill's Marauders and the Quiet Five, both with 9-3 marks.

High scores for the third week are as follows: team series, Mert's Marshmallows (1), 2943; team game, White Tornadoes, 1106; men's series, John Aitchison, 632; women's series, Y v o n n e Benson, 615; men's game, George Jackson, 239; women's game, Sue Marimon, 236.

## LT. Jg Crawford Reports From Duty In Viet Nam

Reporting from 14 months in Viet Nam with the Coastal Surveillance Force, Lt.(jg) Dale L. Crawford assumes his new assignment as Enlisted Personnel Officer with duty at the NOTS Long Beach Facility.

His service in Viet Nam was part of a tour of two years and four months aboard the USS Forester, during which time he served as Main Propulsion Assistant, First Lt. Gunnery Officer and Weapons Officer.

Lt.(jg) Crawford entered the service in June 1963 and received his commission in February 1964 from OCS, Newport, Rhode Island.

This is a homecoming for Lt. Crawford since he was born in Alhambra, California, and will reside there during his NOTS tour. He received a B.A. in education from California State College, where he also lettered four years in football. He is also an ardent surfer.

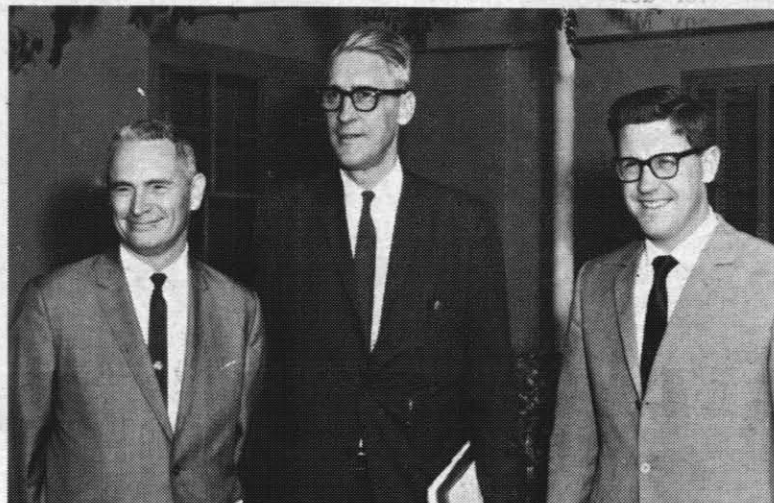
His military career includes training at specialized schools, such as, Weapons Officer School, San Diego; and Crypto



LT(jg) D. L. CRAWFORD

School and Emergency Ship Handling School in Hawaii.

Lt.(jg) Crawford holds medals for Vietnamese Service and National Defense.



W. E. HICKS, Associate Department Head, UOD, hosts J. C. Van Marle and T. Kooji (l-r) from SACLANT ASW Research Center, La Spezia, Italy. Interested in coherent processing devices invented here, visitors were particularly impressed with the correlator invented by George Lindsay and Harper Whitehouse (patent award shown on this page.)



ART BLOCK, Head of the Photography Section, P80963 (front row right), hosted photographic personnel who are establishing a Photo Instrumentation School at Edwards Air Force Base. The visitors, military and civilian, will be instructors at the school which will offer classes for personnel from Edwards and other Air Force installations. Front row (l-r) Allen R. Rice, Charles M. Crampton, MSGT Arthur L. Inman, SSGT

Clifford L. Walker, Jr., SSGT Ronald L. Na-deau, and Block. Back row (l-r) Paul R. Mowry, Jr., Richard M. Delaney, Ray L. Holderman, John F. McCormick, and James M. Sumter. Block thoroughly indoctrinated the guests with NOTS photographic procedures. He also escorted the group to Morris Dam Torpedo Range where they viewed a dam were briefed on the camera facilities.

—Photo by PH-2 Ralph Robey

## New Computer to Serve All NOTS

(Continued from Page 1)  
 system are remote batch processing and the time-sharing service.

"In the initial installation, the main problem will be to transfer the workload to the new system," he says. "Then we can go into new areas of application, including time-sharing." He says the three locations for the 1005 computers are, besides Accounting Division, the Pilot Plant and the Ridgecrest offices of Associated Aero Science Labs, a contractor for NOTS. Conversion to the new system is expected to take about 15 days, he adds.

Four representatives from Univac are working at NOTS toward setting up and serving the new system. Headed by project leader Royce Pipes, the team aims at January 11 as the first operating day.

John Thurston, a consultant on the team, explains that the Univac 1108 is a "third generation" computer with capacity for 131,000 words in its quick access main storage memory.

Attached to it will be a series of six drums for mass storage, each with a rotation speed of 7,200 RPM, and a capacity of 1.6 million characters. In addition, FASTRAND drums with a capacity of 143 million characters, revolving at 870 RPM, will be used for the mass storage of data such as NOTS personnel information.

The system will also include magnetic tape drives, two high-speed printers, a high-speed card reader, and a card punch.

Dr. Fano, who also spoke to a luncheon meeting of the American Society for Public Administration on September 27, explained that in the system he heads at M.I.T., called Project "MAC," over 160 users across the country are hooked in, and 30 of them can use the computer at once.

He demonstrated that although he might sit at his con-

sole while using the system for a 30-minute period, the computer was actually serving him for a total of only about one minute. He explained that this 30 to 1 ratio of "sitting time" to "computer time," being average for any user of the Project MAC system, allowed 30 users to be at their consoles at once. He said the number of users of the system he heads is expected to increase in the near future.

The philosophy behind this kind of development in the use of computers, Dr. Fano pointed out, is generated by a common felt need for intellectual aids to do the same for our minds, as today's host of mechanical aids do for our bodies.

"We would like to have readily available a computer to act as a knowledgeable assistant during a discourse," he said.

Many scientists at NOTS are to have this kind of service available to them in the year to come.

## Training Officer Inspects



WEPTU 774 INSPECTION — Cdr. Charles F. Means, Training Officer from Los Alamitos NAS, inspects WEPTU 774 members at SeaBee Hut during meeting last week. With Cdr. Means is unit's CO, Cdr. John McCaughin. WEPTU members seen (l-r) are Lt. Peter Jokenovich, Lt. Leland Bare, LCdr. Joseph A. Leask, LCdr. John W. French and LCdr. Coy Jones. Hidden are LCdr. Howard R. Anderson and LCdr. Lloyd H. Shreve. Not shown are Cdr. Neal Webb and Cdr. Steven M. Little.

## Council Reorganizes, New Form Is Outlined

The Board of Directors of the China Lake Community Council, in an effort to improve the Board's effectiveness, voted at their last regular meeting to reduce the number of directors on the Board from twenty to ten.

This action took place following a report from a special Board committee to study the role, problems, size, and structure of the Board.

The committee recommended that the Board be reduced in size to ten directors, that the term of office for directors be two years with the Board election coinciding with the county general election, and that the directors represent a new combination of precincts.

One director is to be "at-large," one is to represent Precinct 9, and two each are to represent the combined precincts 1 and 2, 3 and 7, 4 and 8, and 5 and 6. The recommendations were accepted and the Council's bylaws were amended accordingly.

Several of the problems identified by the study committee were felt to be a func-

tion of the Board's size. The poor turnout of voters in Council elections held during off-years was cited as the reason for having two-year Council terms with the election coinciding with the county general election. It was felt that combining the precincts would broaden the director recruitment base, while still providing for geographic representation.

The Board expressed hope that its decision will help to create a more action-oriented body; one which is more responsive to the needs of the community, as well as being more representative of community sentiment.

As a result of this re-organization, all terms on the current Board will end next month, and the vacancies will be filled at the general election to be held November 8th. Persons interested in being nominated for one of the director vacancies should contact any of the members of the Nominating Committee: Bernard Connolly, Dave Johanson, or Gene Rosellini.

## Drive To Start Next Monday

(Continued from Page 1)

contributions may be spread over the full calendar year. Payroll deductions will start in the first 1967 pay period. Single cash donations or pledges may be made by those who so desire. Anonymous contributions will be honored. Those wishing to keep their gifts confidential may seal their checks in a plain envelope.

NOTS Keymen will be distributing pamphlets describing each of the agencies included in the "Once For All" drive. With these will be enclosed payroll deduction authorization forms and designation cards for those who wish to specify the cause of their choice. Contributors' designations to specific agencies will be honored. Any questions about payroll deduction procedures or the campaign in general will be answered by the Keyman when he calls.

## Big Fair Parade Set for Saturday

(Continued from Page 1)

the viewer will be the crack Bakersfield Motorcycle Police Drill Team, colorful floats, and just about anything else that you could ask for in a first-class parade.

The display will form in the triangle in front of the NOTS Main Gate and will proceed down China Lake Blvd. to Ridgecrest Blvd., then west to the dispersing area.

Carnival and Midway  
 The carnival and midway, with their rides, games and booths, will open today at 5 p.m. with earlier opening times scheduled for Saturday and Sunday.

## Blue Cross Ins. Agent To Visit Station Wed.

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Wednesday, Oct. 12, at the Community Center from 9 a.m. to 4 p.m., according to J. T. Haycock, Acting Head, Employee Management Relations.

## Public Works Men Honored



THIRTY YEAR AWARDS — Edwin L. Gifford, Leadingman Electrician, left, and Leo Limuti, Inspector, both of Public Works, were recently presented their Thirty Year Service Awards by Capt. H. J. Hartman, Public Works Officer.

CHAPLAIN'S MESSAGE



Judge Not

By Senior Chaplain Paul Romantum

A favorite religious pastime is that of pronouncing judgment upon those who might believe differently, or behave differently or even dress differently.

"Judge not, that you be not judged. For with the judgment you pronounce you will be judged and the measure you give will be the measure you get.

It is a grave misfortune that so many of us claim to express, through our own judgments, the judgment of God himself.

Judgment is a Divine prerogative and humans find it quite easy to assume this role. We are like the Pharisee who was very thankful in his prayer because he was not like the sinner who was praying close-by.

Consider some of the customs which religious people have judged as sinful at one time or other; bobbed hair, the wearing of neckties, social card playing, children skylarking on Sunday, movies, acting, dancing and many, many other actions.

ATTITUDE TAKEN IN GOOD FAITH
Consider some of the customs which religious people have judged as sinful at one time or other; bobbed hair, the wearing of neckties, social card playing, children skylarking on Sunday, movies, acting, dancing and many, many other actions.

STATION LIBRARY LISTS NEW BOOKS
A complete list of new books is available in the library.

- List of books: Non-Fiction: Capon—Bed and Board, Holmes—Undersea Victory, Johnston—Starting to Paint in Oils, Paret—French Revolutionary Warfare from Indochina to Algeria, Portisch—Red China Today, Ross—Talk Stories, Schmidt—Introduction to Computer Science and Data Processing, Dolger—How to Live With Diabetes.

The Rocketeer



DIVINE SERVICES

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California

Capt. John I. Hardy, USN Station Commander
"J.I." Bibby Public Affairs Officer
Joan Rober News Bureau
Frederick L. Richards Editor

Headlines: Tuesday, 4:30 p.m. Photographs, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material.

PROMOTIONAL OPPORTUNITIES

Military Personnel Clerk (Typing), GS-204-4 or 5, Code 8515 - Administers and maintains all records and files for all of the NOTS Officers, includes fitness reports, promotions, leave, IAD, etc. Performs information searching, makes reports, etc. Qualifications Required: GS-4-one yr. general and one yr. specialized. GS-5-1 1/2 yrs. General and 1 1/2 yrs. specialized.

Computer Programmer, GS-334-9, Code 6504 - Analyzes general information concerning requirements for personnel data information and reports. Programs for obtaining information accurately, effectively and timely for management information systems. Qualification Required: Three years general experience and one year specialized in analysis, systems, etc., and one year of computer programming experience.

Budget Analyst, GS-560-9, Code 1732, PD No. 117001 - Responsible for preparation and compilation of local and off-Station budgetary reports, and review of budget data, assistance in preparation and analysis of special cost studies and maintains control of funds received in his assigned area.

Equipment Specialist (Electronics), GS-7, PD No. 955023, Code 5515 - Incumbent is responsible for handling all electrical-electronic equipment submitted to the Branch for repair and calibration.

Supervisory General Engineer, GS-801-13 or GS-14, Quality Engineering Division, Associate Head, PD No. 555029 - As Associate Head, shares responsibility with Head for establishing and administering an effective quality engineering program to complement Station development programs.

Mathematics Aid GS-4, or Mathematics Technician GS-4, Code 3545 - Located in the Analysis Branch of Aircraft Projects Division. The purpose of the position is to:

Clerk-Typist, GS-3 or 4 (1 vacancy), Code 4043 and 4044 - Types reports and technical material from rough drafts, correspondence, statistical tables and interface memoranda and performs miscellaneous clerical duties as required.

Engineering Technician Physical Sciences Technician, GS-7, 9 or 11, Code 4062 - The incumbent will assist in the design, construction, and testing of instrumented vehicles, fixtures, and components to be used for flight and laboratory tests.

Technical Writer Editor or Writer Editor, GS-7 or 9, Code 1200 - Performs major technical editing and, as required, technical rewriting of all Weapons Planning Group reports, articles, letters and books for printed release to a variety of persons and organizations.

Supervisory Electronics Engineer or Physicist, GS-12 or 13, Code 4053 - The incumbent is a senior design and project engineer responsible for several advanced weapons electronic subsystems.

File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032. A competitive promotional examination is announced for Planner & Estimator (Mechanical Systems), Ann. No. 14(66) WF-NAAS issued October 3, 1966.

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'DESERT PHILOSOPHER' More About Old Mines



By "POP" LOFINCK Second Installment
If you are interested in the exploration of old mines, save last weeks' issue, this week's, and next week's issue for future reference when you are ready to go exploring.

ADVICE ABOUT OLD COAL MINES
About the only sane advice regarding old coal mines is to avoid them unless you have a flame safety lamp plus a lot of coal mining experience.

If a tunnel shows soot marks, numerous ashes or has smoke actually present, the opening is almost sure to be a death trap. Carbon monoxide can be tested for with small animals (like our canary bird) or with commercially available carbon monoxide detection equipment.

ENTRANCE TO MINE MAY BE HAZARDOUS
Mine timber seldom lasts long and usually the portal or entrance is the first place to collapse, especially when the overlying material is wet or earthy.

which has required an understanding of the basic concepts and practices in the field, a knowledge of its specialized vocabulary and the ability to acquire additional information about the field and related fields.

COMPETITIVE PROMOTIONAL EXAM: NON LOCAL
A competitive promotional examination is announced for Planner & Estimator (Mechanical Systems), Ann. No. 14(66) WF-NAAS issued October 3, 1966.

Don't let insecurity overshadow your future years. Invest in U.S. Savings Bonds today for a secure tomorrow - for both yourself and your country.

CHAMPIONSHIP FLIGHT WINNERS - Although only two of these men made it to the final wire, the others are definitely to be reckoned with on the golf course.

China Lake Golf Championships. These are the best out of a field of nearly 100 that entered the tournament.

China Lake Takes Fourth Place In Mojave Desert Interservice Golf

Chargers Holding Number One Spot In Flag Football

BY LT. BOB KORNEGAY

The defending champion NAF "Chargers" continued their winning ways by defeating the "All Stars" 28 to 0 in their second encounter of the flag football season on Tuesday, September 20.

McCullough was red hot and opened the scoring in the second half on a 45-yard end run down the sidelines.

Some pretty impressive scores were turned in last week at the China Lake Bowl. In the Premier Scratch, the Towne and Country took both the high team game with a 1004 and the high team series with a 2791.

High Scores Seen At Bowling Alley During Past Week
Some pretty impressive scores were turned in last week at the China Lake Bowl. In the Premier Scratch, the Towne and Country took both the high team game with a 1004 and the high team series with a 2791.

Next Game Tougher
The game the following week was a horse of a different color however, when the NOTS "Desert Rats" gave the NAF Chargers their toughest battle of the season on Tuesday, September 27.

NOTS quarterback Sidney drew first blood on a quick opener; point was missed.

When you tee off with this group - be ready

When you tee off with this group - be ready

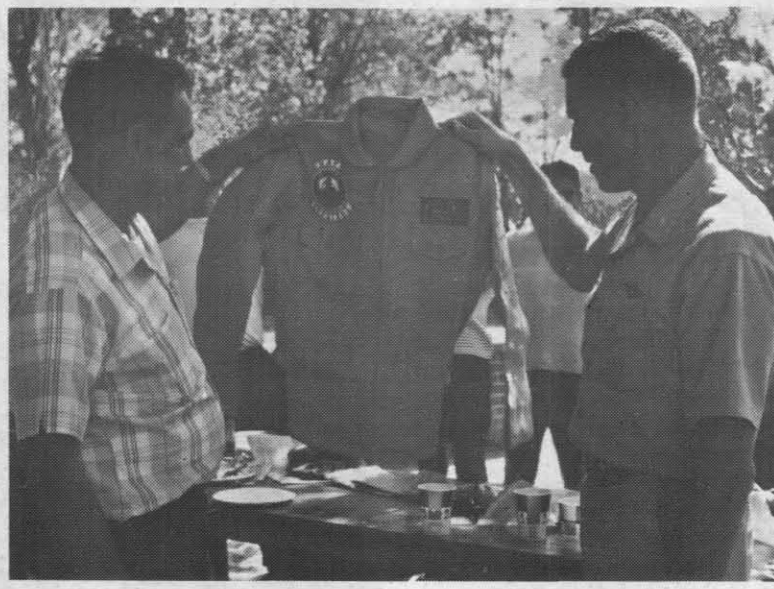
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FAREWELL TRIBUTE PAID - Howard Cole, the NAESU Continental Aviation Representative at the NAF Target Department since early 1963, was honored at a farewell picnic at Sandquist Spa by the department last Friday.

Lobster Season Opened Oct. 5
The spiny lobster season opened statewide October 5 and will run through March 22, 1967.

Disneyland Tickets Are Still Available At Community Center
Tickets are still available at the Community Center to military personnel and their dependents for Navy Night at Disneyland to be held on October 29.

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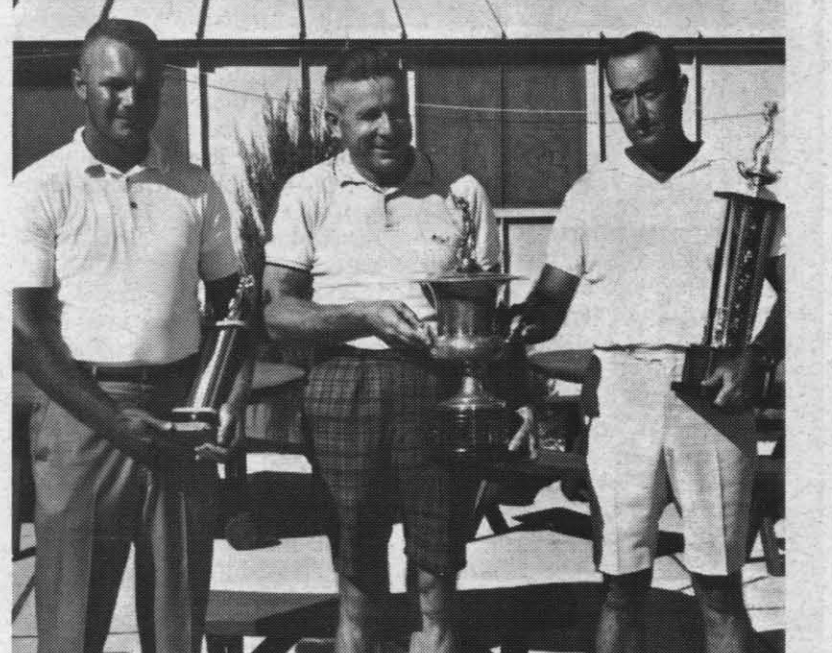
China Lake Takes Fourth Place In Mojave Desert Interservice Golf

The Mojave Desert Interservice Golf Tournament held here last week is over, and although China Lake was only able to snag fourth place, it is quite evident that the Station has some top flight golfers.

The Marines from Twentynine Palms took the tournament with a five stroke lead over Nellis Air Force Base for a total of 1182.

China Lake again made the finals in the Senior Division when Chief Don Fraser took third with a 246 and Cdr. William Reardon claimed fifth place with a 253.

McIntosh Is New Champ



TWO TOP SWINGERS - These two men are literally China Lake's top swingers. On the golf course that is. On the right is Bill McIntosh, China Lake Golf Champion, and on the left is Lt. Jerry Thalken who took the number two spot.

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