Paintings Won At Fair



WIN PRIZES AT FAIR - The winners of the four pictures given away by the Maturango museum during the Desert Empire Fair show their prizes. First prize winner Mrs. Jane La Rosa, second from right, chose the oil painting "Desert Trails" by Margaret Mack. Dr. William Sanson, left, won the second prize but returned it to the Museum. Sewell "Pop" Lofinck, right, won the Bristlecone Pines tinted photograph. Fourth winner, Mrs. Marge Adicoff selected Francilu Hansen's oil "Joshua Tree."



U.S. Savings Bonds are the choice of millions of Americans for building toward economic security for themselves, their 375-5071 for information. community and the nation

likeness 63-Suppose 65-Entertain

66-Saint (abbr.)

Great Pumpkin Visits 'O' Club On Halloween

Charlie Brown's Pumpkin Patch Party will be held at the Commissioned Officer's Mess Saturday, Oct. 29, to celebrate Halloween. The festivities, including buffet dinner and dancing, will start at 6:00 p.m.

Peanuts and all his friends will gather around Charlie Brown's Great Pumpkin, and this promises to be a fun-filled evening. Costumes may be worn if desired. Please call

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31-Periods of time 33-Symbol for tellurium 34-Cooled lava 35-Number 38-Music: as written 39-Preposition 10-Note of scale 11-God of love 13-Repair 15-Goal 17-Struck 10-Sun god 12-Roman road 13-Mournful 16-Encounter	30-Ac	2	23	35 41	51- 4 21 36	S 37	17 31	38	7 25	8 18 22 32	9 26	27 33 39	
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For Use In Authorized Service Newspapers Only

Moore Will Speak To ASPA Group

The China Lake Chapter of the American Society for Public Administration has scheduled a presentation by Don K. Moore on "International Law and Undersea Technology. The meeting is to be held at the Officer's Club at 11:30 a.m., Thursday, Oct. 27.

Mr. Moore, head of the Astrometrics Division in the NOTS Weapons Development Department, will discuss recent changes in international law and their relationship to undersea technology.

Local Road Rally Planned Sunday

A two and one half hour Monte Carlo Road Rally, sponsored by the High Sierra Chapter of the Four Cylinder Club of America, is slated to get underway Sunday, Oct. 23, at high noon, at Ridgecrest Park.

The event is for the benefit of the local Indian Wells Valley Explorer Scouts, however any others wishing to participate are welcome to enter.

The finish of the Rally will take place in the local area according to HSC President Walter Hannon. He also noted that this will be the chapter's fourth local rally this year.

"FIREBALL 500" (91 Min.)
Frankie Avalon, Fabian, Annette
7:00 p.m.
(Racing/Musical in Color) Frankie and Fabian compete in stock car races and get involved with Federal agents when the race nater turns out to be a moonshiner. cars, fist fights, songs and moonshine for exciting fun. (Adults, Mature

OCTOBER 22 "FIVE WEEKS IN A BALLOON" (104 Min.)

Shorts: "Really Big Act" (7 Min.)
"Capt. Kidd No. 9" (16 Min.) --EVENING--"THE BELLBOY" (72 Min.)

Lewis and Guest Star Milton Berle 7:00 p.m. (Comedy in Color) Imagine Jerry as a ellhop at a plush Miami Beach hotel? The harder he tries, the more he goofs-up by misplacing room keys, switching phone calls, ruining Gary's golf game and acci-dentally pilots a jet! (Adults, Youth and Mature Children.)

Shorts: "Unfamiliar Sports" (10 Min.)
"Fabulous California" (17 Min.)

DAY-MONDAY OCTOBER 23-24
COMMUNITY ORCHESTRA CONCERT "WHAT DID YOU DO IN THE WAR DADDY?" (116 Min.) James Coburn, Dick Shawn

7:00 p.m. (Comedy in Color) "By-the-book" Capt. Shawn leads his tired company against renders-if they can hold a wine festive first! It turns into an orgy with endless complications. Ribald, spicy, fun! (Adult.)

TUESDAY-WEDNESDAY OCTOBER 25-26 "RIDE BEYOND VENGEANCE" (100 Min.) Chuck Connors, James MacArthur 7:00 p.m. (Western/Drama in Color) A buffalo hunt-

or returns home after 11 years, is robbed of his life savings and finds his wife about to remarry. His brutal trackdown of the men who robbed him is explosively dramatic. Unusual, "don't miss" film. (Adults, Mature Youth.) Short: "Magoo Goes West" (7 Min.)

THURSDAY-FRIDAY OCTOBER 27-28 "LAS VEGAS HILLBILLYS" (90 Min.) Jayne Mansfield, Ferlin Husky, Mamie

Van Doren 7:00 p.m. 7:00 p.m.

(Comedy/Musical in Color) Country boy inherits a Las Vegas night club only to find it's a rundown saloon. Things get worse until he introduces Western music to the fabled town and Jayne takes over the gambling tables. Hoedown music! (Adults and Mature Youth.)

Shorts: "War & Pieces" (Roadrunner) (7 Min.)
""Air Racing" (17 Min.)

Safety Group Meets



SAFETY LEADERS TALK — Among the safety chiefs meeting here Wednesday, Oct. 5, with the Desert Section of the Greater Los Angeles Federal Safety Council were Francis Rich (I), Ground Safety Officer at George Air Force Base, and Elmer Whetchel (center), Safety Superintendent of the Los Angeles Post Office Annex and Chairman of the Council. K. S. Skaar (r), head of NOTS Safety Department, was host chairman of the meeting. Discussions ranging from occupational safety to preparation of a charter for the Council's Desert Section

STATION LIBRARY LISTS NEW BOOKS

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

Boucher—Best Detective Stories of the Year 1966. Crichton-The Secret of Santa Vittoria.

Mallea-All Green Shall Perish Sheean-Beware of Caesar.

Non-Fiction

Boorstin-The Americans. Hanna-Eight Nation Makers. Hinton-Communist China in

World Politics. Leverton-Food Becomes You. Little-High Dam at Aswan. Lubold-This Half of the Apple Is Mine.

North-Racoons Are the Brightest People Stewart-Turkey.

Nurses To Hear Talk at Meeting

scheduled to speak to the tend. members of the Indian Wells The annual dues of \$2.00 en-Valley Nurses Club at their titles members to the use of meeting in the Clinic at 7:30 the Lapidary Hut which has p.m. on Monday, Oct. 24.

"What to Evaluate in Surgical Patients." All nurses in the the meeting and discussion.

Aetna Insurance Man Will Visit Station

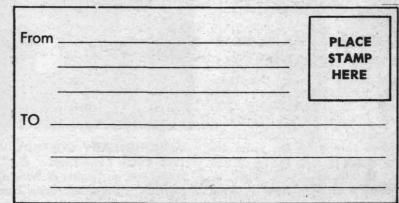
Howard Keenan, a representative from Aetna Insurance is scheduled to be aboard the Station on Thursday and Friday of next week, October 27 and 28. He will be available for consultation at the Community Center from 9 a.m. to 4:30 p.m. on Thursday and 9 a.m. to 3 p.m. on Friday, according to J. T. Haycock, Acting Head, Employee Management

Meeting Is Set By Gem Society On Next Mon.

The last regular meeting before the annual gem and mineral show is scheduled by the Gem and Mineral Society for Monday, Oct. 24 at 7:30. The

The two field trips to be conducted during the show and the special displays will be dis-Drummond Medical Clinic is new members are invited to at-

three large saws, two small He plans to discuss the topic, saws, four sanders and six grinding and polishing wheels. A faceting machine is planned Valley are invited to attend for the future. For further information call 375-2009.





Jack Witt Named

The Bluejacket

For This Month

The man chosen as NOTS'

"Bluejacket of the Month" for

October, AO2 Jack D. Witt of

NAF, tells a story about his

first experience with the des-

ert community of China Lake

that should ring a bell with

many a sailor and civilian of

AO2 Jack Witt serves as pet-

ty officer in charge of missile

assembly and loading crews in

NAF's Missile Shop, and came

to NOTS in late February,

1966, from duty aboard the

USS Shangri-la in the Mediter-

As a long-time Atlantic Fleet

sailor and native Missourian,

Jack had a number of surpris-

es in store for him and his

family as he traveled west to

report to NOTS. He relates his

experience in words familiar

"As we drove west through

Arizona on our way out here,

we didn't quite know what to

make of things as the country

became more and more like

desert, and we began to see

the sand blowing," he recalls.

"It didn't take long for us

he says. "The people are

friendly and easy to get along

with, and we visit around of-

ten with our neighbors, most of

Navy-civilian relations of any

ities and meetings at the Com-

operation and joint effort."

them civilians.

munity Center.

to many China Lakers.

NOTS.





McCAUGHAN













BLACKBURN

"Bluejacket of the Year" To Receive Navy League Honors



Vol. XXI, No. 42 Naval Ordnance Test Station, China Lake, California Fri., Oct. 21, 1966



Eleven Sailors Vie for Annual **Honored Title**

The theme for Navy Day, 1966: "U.S. Navy -Mark of a Man," will have very special significance for 11 NOTS sailors next Friday evening, Oct.

One of those 11 men, all Bluejackets of the Month" of October, 1965, through September, 1966, will be chosen Bluejacket of the Year" at a banquet set for the Commun ity Center. The event is planned to crown the observance here of the U.S. Navy's 191st anniversary, set for Thursday, Oct. 27.

A special, six - man panel, representing NOTS Enlisted Division, the Naval Air Facility and Air Development Squadron Five, convened this week to select the Station's most outstanding enlisted man of the past year.

Leading business and civic representatives of the Indian Wells Valley, headed by Milford Carlson, president of the (Continued on Page 4)

Skipper of VX-5 **Gets Navy Award** For War Efforts

Captain W. B .Muncie, Commanding Officer of Air Development Squadron - FIVE, was recently awarded the Navy Commendation Medal. The award was in recognition of meritorious service in support of combat operations in Southeast Asia.

Captain Muncie was awarded the medal while serving as Air Warfare Officer for Commander. Seventh Fleet, from July 10, 1965 to August 29, 1966. During that period, major units of the Seventh Fleet were actively engaged in combat operations against enemy forces in Viet Nam.

The Citation read, in part, "Captain Muncie discharged his heavy responsibilities in a manner that reflected distinction upon himself and credit upon the Naval Service. His excombined with a praiseworthy major contribution to the prosecution of the war in South-The power is to be shut off at east Asia and to Seventh Fleet the substation from 7:30 to readiness." The Citation was Johnson, Commander in Chief, United States Pacific Fleet.

Bluejacket for October

I WANT THIS ONE, DADDY — A02 Jack honored by the Greater Bakersfield Cham-D. Witt of NAF, chosen "Bluejacket of the Month" for October, and his wife Linda, receive expert catalogue shopping assistance

from their son Mark, 3. The Witts will be

"In fact, NOTS has the best Navy specialty courses he has where the city's Chamber of completed.

Station I've seen - I suppose because it needs such close co-Jack and his wife Linda make their home in the Des-School here," he explains. ert Park section of Ridgecrest, "They say the courses are really good, so I plan to look into adjoining the Station, with their three-year old son Mark. them soon myself." They are active in community

He also finds NOTS a good affairs and often attend activplace to keep up his bowling game, one of the several sports he has become accomp-With five years and two lished in, including baseball, months of Navy service alrea- football and boxing.

dy behind him, Jack's plans As "Bluejacket of the are firm to make it his career. Month" for October, AO2 Witt He also plans to add more ac- will take his wife and son to ademic schooling to the list of Bakersfield next weekend,

Commerce will honor him with "There are several men at a stay on the town.

NAF who take evening courses Jack will drive a new car at the Bakersfield College ex- from Barber Pontiac agency tension at Burroughs High during the weekend, and will stay at the Caravan Inn. The Witts will receive a hospitality packet from participating merchants, containing gift certificates.

> NORTH RANGE INFORMATION ON PAGE FIVE

Substation To **Be Turned Off** For Paint Job

ber of Commerce next weekend with a stay

on the town. Jack is Petty Officer-in-Charge

of missile assembly and loading crews in

NAF's Missile Shop.

Capehart housewives be warned! The Capehart Site B electric power substation is due ceptional professional knowlfor a paint job by Public Works edge and personal abilities men next Tuesday through Thursday, Oct. 25-27, announc- dedication to duty, provided a es Capt. H. J. Hartman, Public Works Officer

11:30 each of those three days signed by Admiral Roy L. to allow the painters to do the

Target Dept. Develops System For Destruction of Drone Aircraft

BY DAVID L. KIMSEY

New concepts in the development and testing of weapons are seen almost daily at NOTS with little or no surprise to anyone, for after all, that is the prime purpose of the Sta-

It is somewhat surprising however, to see a destructive device developed for the safety of the workers and residents in the area, yet this is exactly what has happened at the Target Department of NAF, headed by Cdr. F. W. Bustard.

System Demonstrated

get Destruct Package on G Range. The correct name for the new invention is Flight Termination System. It literally destroys a target drone when such action is deemed neces-

seem a bit harsh. As you go deeper into it however, it becomes quite apparent that this is probably one of the greatest safety measures ever adapted to a target drone.

In the past, the only method of terminating a flight, should

was to shoot it down with fight- call. The plane was found er aircraft. The dangers in this but it was in a field just outmethod are quite obvious. One side of Spokane, Washington. could never be certain of just Fortunately no one was hurt where the drone would come and no damage was done. It is down, and the damage to prop- not hard to see the possibilierty on the ground from rockets and cannon shells often ran high. At its best, there was still a large margin of chance in

An outstanding example of the problems presented in shooting down a drone happened in 1958. An F6F Hellcat target drone was flying a routine mission over G Range and was hit by a Sidewinder mis-Over 50 people were on sile. The impact of the Sidehand last week to witness a winder knocked out the radio demonstration of the new Tar- control device on the drone and it headed North.

Target Escaped

The F2H Banshee chase planes closed in quickly to shoot it down, but the drone proved to be a more elusive At first glance, this may target than was expected as it dodged in and out of the cloud banks. After several failing at- of Target Department, Instrutempts to destroy the drone, mentation and Evaluation Dithe chase planes ran low on fuel and had to return. The Department Mechanical FAA was notified and the en- Branch Supervisor; and Gordon tire State of California was F. Zurn, Target Department alerted. Many hours later Engineer who hold the patent the target go out of control, NOTS received a telephone on the system.

ties however.

That isn't the only instance either. For this reason, the Flight Termination System has progressed to what we have to-

The actual design of the new device is quite simple, at least as far as the operation is concerned. An explosive charge, equal to about 20 pounds of TNT, is placed under the right wing. Should it be necessary to terminate the operation while the target is still airborne, the charge is detonated by either ground control or by a control chase plane. As a further safety factor, the system may be armed and un-armed repeatedly while the mission is

Credit for the new invention goes to Harry L. Myers, Head vision; Lloyd J. Holt, Target



MANY WERE IMPRESSED-Over 50 viewers were impressed and somewhat startled recently when NAF's Target Department demonstrated its newest invention by blowing up a target drone. The device is designed to terminate a target flight should

it go out of control. Cdr. F. W. Bustard, standing, explains the procedure prior to the actual demonstration. The charge that is used is equal to about 20 pounds of TNT, and is placed under the right wing.
—Photo by PH-1 David Hobbs

Getting Set For Bazaar Gallery Owner



ANNUAL CHURCH BAZAAR — The Protestant Women of the Chapel will hold their annual Fall Bazaar in the All Faith Chapel Friday, October 28 from 5 to 10 p.m. There will be a wide variety of things to choose from such as handiwork, baked goods, white elephants, etc. Also there will be all kinds of good things to eat. The proceeds, \$1.00 per person, will go to support many mission projects. The four ladies getting ready for the Bazaar are (I to r) Francis Wiese, Sharon Baird, Eleanor French and Helka Peake.

Will Speak To Art Leaguers

The Desert Art League will hold its regular monthly pro- Republican from Bakersfield, gram meeting on Monday, Oc- who are vying for election to tober 24 at 8 p.m. in Room C the State Assembly from the of the Community Center.

The featured speaker will be Margot Schiffman, owner of the Schiffman Art Gallery in works and photographic slides of some of the artists she rep- Congressional District seat. resents including Nag Arnoldi, a Swiss artist: ceramic work by Marie Nicholson, a French artist; Robert E. Wood, prizewinning watercolorist; and slides of the latest of Salvador Dali's works which are currently on display in New York.

Mrs. Schiffman first became interested in art when she was doing public relations work in Mexico and lived amidst such great artists as Diego Rivera, Clemente Orozco and Davido



THIS IS THE END - This picture will give you a pretty fair idea of just how effective the new Flight Termination System is. Here you see a target drone in actual flight just after the Termination System was detonated.

Sailors Vie for Annual Title

(Continued from Page 1) gue of the United States, and merce. Kenneth Smith, Mayor of The banquet will be open to

if married, will drive a new is to be semi-formal. car, provided by Hertz in In contention for the high

G. Nuckolls, president of the IWV Council of the Navy Lea- Ridgecrest Chamber of Com-

Ridgecrest, will join in honor- the public, and tickets will be \$6.50. Of that amount, \$150 NOTS' "Bluejacket of the will be set aside as a cash gift Year" for 1966 and his wife, to the chosen Bluejacket. Dress

Ridgecrest and Hucek's Travel honor are the following Blue-Center, to a week's vacation jackets, with their ratings as in Las Vegas at two of its lead- of the months they were choing hotels. He'll also receive sen: AMS2 Daniel E. Blackgifts of appreciation from burn, NAF; EM2 Charles A. member merchants of the Knoy, VX-5; PN2 Sterling Mc-Ridgecrest Chamber of Com- Caughan, NOTS; GMG1 Minoru Yoneda, NAF; AZ3 Henry My-At the end of his week in ers, Jr., VX-5; PH1 David W. Las Vegas, the Bluejacket will Hobbs, NOTS; ATN2 William fly to the Grand Canyon on a Lane Elder, NAF; HM2 John Bonanza Air Lines plane for a J. Brockwell, VX-5; YN1 Lloyd H. Gilbert, NAF, and PN3 Tho-Leading guests at next Fri- mas Lee Walker, NOTS. The day's banquet will include "Bluejacket" for April, 1966, Capt. John I. Hardy, ComNOTS ADR1 James T. Stanford, has and the members of the NOTS since ended his tour here and Command, Ridgecrest Mayor transferred to another duty Kenneth C. Smith, and Ralph station.

'Meet Candidates' Event Scheduled

The Indian Wells Valley vot- cumbent, and Joe Scott, Repubers will have an opportunity lican from Bakersfield, who are to see and hear candidates for opponents for State Senator assemblyman and U.S. Cong- from the 18th Congressional ressman at a meeting Tuesday District both have commitnight, Oct. 25, at 8 p.m. at the ments elsewhere on that date. China Lake Community Center. If their schedules permit, they

The four candidates sched- will appear at "Meet the Cangram next Tuesday are: Dr. Jack T Casey., Democratic

incumbent, and Kent Stacev. 28th District; and Congressman Harlan Hagen, Democratic incumbent, and Bob Mathias, Republican, and former Olympic Hesperia. She will bring along Games decathlon champion, who are opponents for the 18th

Walter Stiern, Democratic in-

Leroy Jackson, Kern County Supervisor, will act as moderator. Each candidate will have 15 minutes to make a statement and will be allowed five minutes for rebuttal later. Questions from the floor will be entertained.

This "Meet the Candidates" meeting is being sponsored jointly by the American Association of University Women and the American Society for Public Administration.

she saw the work of Nag Ar- years. noldi, and Mrs. Schiffman first Swiss artist in the United

Currently the Schiffman Gallery is having a display of the works of Robert E. Wood of who has taken many watercol- meeting.

Siqueiros. Later in her travels or prizes in the last several

Membership in the Desert introduced the work of this Art League is open to all who are interested in the fine arts and in presenting art programs to the community. Membership rolls will close the last of October and prospective mem-Green Valley Lake, California, bers are urged to attend this

Bird and Rabbit Hunting Permitted On North Range For Three Weekends

Caution Urged While Hunting On The Station

Friday, October 21, 1966

Hunters will again be granted the privilege, for the fourth year in a row, of hunting chukar, quail, cottontail and jackrabbit in the northern range area of NOTS during the weekends of October 29-30, November 5-6 and November 12-13. These weekends were chosen in order to offer the hunter the best possibility of filling Department of Fish and Game, curity Officer Lt. Samuel Mc- hunters to stay within the throughout the area.

unexpected inclement weather, use only this gate. this year's hunt should be most

Use Darwin Gate

Again this year, only the Darwin Gate will afford hunters access to the Station. The Darwin Gate is located on Highway 190 which runs in an easterly direction from U.S. Highway 395 approximately onehalf mile south of Lone Pine.

Hunters may enter the area and register at Darwin Gate starting at 6:30 a.m. on Satur- also reminded to bring extra cies. days, but must leave the Sta- gasoline and water. At least tion by no later than 5 p.m. enough for two full days. his bag limit. According to the on Sundays, according to Se-

overnight on Saturdays may do jects. Keep clear of all buildso, but only in two locations - in the vicinity of Bercham Springs and Junction Ranch as

indicated on the map below.

The only weapons that will be allowed on the range will be shotguns, and only four- radio contact will be maintainwheeled vehicles (no motorcy- ed by the Range Patrol with cles, scooters, or Totegoats) China Lake, and that a helicopwill be permitted. Hunters are ter is available for emergen-

the number of birds are at an Mullen. He further adds that range confines as indicated on all time high and barring any Station employees are also to the map, and not to touch or attempt to move any metal Overnight Camping containers, duds, projectiles, Hunters who wish to camp tubes or other suspicious ob-

> ings and structures as well. No Medical Aid

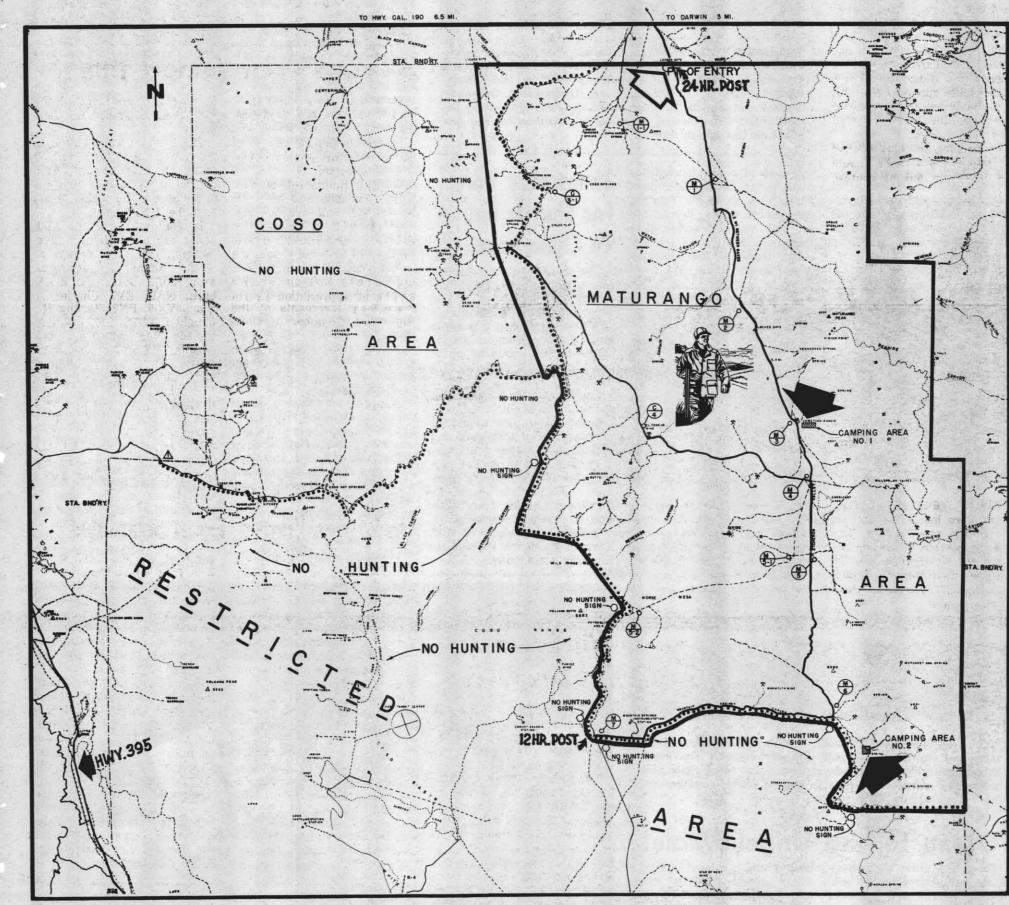
The Security Officer also retion Ranch this year, but that Department.

jury, notify any of the Gate Security regulations require Guards or Range Patrol

NOTS, says that there were no reported accidents or mishaps during the previous three hunting seasons. He urges all hunters to observe the precautionary rules.

All hunting on the Station range is through cooperative ports that no medical corps- arrangements of the Station men will be available at Junc- and the State Fish and Game





OPEN ARROW points to Darwin Gate, the only entry to the hunting area. Darwin Gate is located on Highway 190 which runs in an easterly direction from U.S. Highway 395 about one-half mile south of Lone Pine. Black arrows indicate camping areas. Hunt-

ers may stay in camps Saturday nights. Hunters are reminded to stay within the range confines as indicated on the map.

Make Your Hunting Trip Safe-Obey The Rules

NOTS Personnel Participate In SPIE Seminar

NOTS Pasadena

Low Bowls **Are High**

BY RAY HANSON

The Low Bowls, who only have two team members averaging over 125, are the momentary leaders of the NOTS bowling league. Roger Parker (168) and Harry Smith (152) are the big guns for the firstplace team. On the other hand, Jo Ann and Harry Roesener both have averages of 123, and Elaine Smith can boast a mere 114. How do they do it? With mirrors? With false - bottom trunks? Nope. You see, friends, there is in this league what they call a handicap.

The Quiet Five (George Jackson, Gloria and Lloyd Hagnas, Yvonne Benson, and Don Holyoke) have drifted into second place by a half-game. The Low Bowls have a record of 13.5 wins and 6.5 losses, while the Quiet Five has posted a 13-7 mark. Third place is a 12-8 tie between Milt's Marauders (Milt Blatt, Norma and Jack Sayre, Pris and Jack Springer) and the El Toros (Nova and Len Semeyn, Dory and John Aitchison, and Ed Karig).

High scores for the fifth



DURING A TOUR of NOTS Pasadena recently, Rear Admiral Arthur R. Gralla, Commander, Naval Ordnance Systems Command, is briefed on a station project by Bob Hearn, P80895 (left). D. J. Wilcox, Head, Underwater Ordnance Department, and D. A. Kunz, Head, Systems Operations Division (left from Hearn), listening in, accompanied the Admiral on the station tour.

week of play are as follows: team series, Milt's Marauders, Times May Vary 2878; team game, El Toros, 999; men's series, Bernie Sil- For Shuttle Bus ver. 640: women's series, Jane Gaghagen, 586; men's game, Harry Smith, 259; women's game, Shelly Houle, 214.



The times listed in Pasadena Annex Notice 4600 of September 21, 1966 for arrival at and departure from Pasadena are only approximate. It is possible that in some instances arrival and departure could be up to one hour earlier than listed in the notice.

Passengers for China Lake should follow the procedures of the notice, but also should be prepared for a telephone call indicating an earlier departure.

Persons having special parcels with critical delivery deadlines to China Lake should notify the Pasadena Transportation Dispatcher, extension 391, of their requirements by 8:15 a.m. or 3 p.m. as appropriate to avoid missed connections.

NOTS China Lake and Pasadena were well represented at the seminar on "Underwater Photo-Optics" held on Oct. 10-11. The event, sponsored by the Society of Photo-Optical In-strumentation Engineers (SPIE) and co-sponsored by the Naval Missile Center, Pt. Mugu, was held at the Miramar Hotel, Santa Barbara, Califor-

China Lake, Pasadena Represented

Participating from NOTS Pasadena were Frank Strahalm, Photo - Optical Section; and Bob Hodgson and Paul Heckman from Applied Underseas Science Section.

Chairman of Session 1 on Underwater Photo-Optics was Floyd A. Kinder, Head, Photophysics Branch, China Lake. Also participating from that branch were G. D. Gilbert, Tom Stoner, J. L. Jernigan and J. C. Pernicka.

Frank Strahalm spoke on, "Review of NOTS Deep - Sea Photographic Techniques," giving a description of the various techniques used by NOTS Pasadena to obtain underwater photographs and data during deep ocean operations.

Bob Hodgson's presentation of "Optimization of Optical Sensors for Deep Submergence Applications," dealt with parametric studies performed on the component parts of underwater photo - optical systems in order to optimize instruments and techniques.

Speaking on his subject of 'Underwater Range - Gated Photography," Paul Heckman told of a series of experiments conducted at the NOTS Morris Dam Test Range, demonstrating underwater optical rangegating, design to extend the maximum range of underwater photography.

A paper on "Optical Measurements of Blue - Green Laser Radiation Under Water," was a combined effort of G. D. Gilbert, Tom Stoner and J. L. Jernigan. This paper presented a discussion of each experimental setup and the data obtained in underwater experiments conducted by NOTS with a pulsed blue-green laser at Diamond Island Field Sta-

Gilbert also presented a paper with J. C. Pernicka on "Improvement of Underwater Visibility by Reduction of Backscatter with a Circular Polarization Technique." This report presented a brief resume of the underwater visibility problem and explained the circular polarization approach for improving contrast. Experimental apparatus was used at NOTS Pasadena Morris Dam

Former NOTS Personnel Two former NOTS personnel participated in the event. Captain C. O. Holmquist, USN, formerly Technical Officer at China Lake and presently Commander, U.S. Naval Missile Center, Pt. Mugu, gave the welcome address for the Monday luncheon session. Glenn F. Minard who previously served as a Diving Officer with NOTS Pasadena, presently pilots the "Deep Quest," a Lockheed Aircraft Corporation vehicle with anticipated dives to 8,000 feet.

Dinner Highlight One of the highlights of the Monday session was a dinner speech, by Captain George F. Bond, MC, USN, Special Project Office, Naval Material Command and principal investigator of SEALAB II; and John Reaves, PH1, USN, Photographic Department, U.S. Naval Missile Center, on problems and operational projects of SEA-LAB II, concluded by a movie of the operations.

Famous Oceanographers Of particular interest during the Tuesday sessions was a paper by world famous oceanographers Dr. Dimitri I. Rebikoff of Rebikoff Oceanics, in France, and Dr. Harold E. Edg-

erton, Massachusetts Institute of Technology. Dr. Rebikoff described his techniques on underwater photographic mosaics and showed a short movie on the use of his underwater vehicle, "Pegasus." Dr. Edgerton spoke of his ex-

periences and developments of underwater cameras used in the search of the Thresher and the possibilities of man to someday explore the ocean at depths of 18-20 thousand feet



ENJOYING a discussion on the use of underwater lens at the SPIE Seminar are (I-r) Frank Strahalm, Photo-Optical Section, NOTS Pasadena; Captain George F. Bond,

terial Command, and principal investigator of the Sealab II program; John Reaves, PH1, USN, Photographic Department, U.S. Naval Missile Center; and Jon Hall of former movie fame, now with the Mitchell Camera Co.

U.S. Navy - Mark of A Man

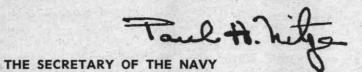


The Navy League of the United States is to be congratulated on again adopting the theme "U.S. Navy - Mark of a Man" for Navy Day 1966, thereby honoring the most important asset

Navy personnel are accomplishing enormous tasks in and ber 8. around South Vietnam and with units of the Seventh Fleet in the South China Sea. All personnel I have personally visited on my trips to Southeast Asia are resolute and dedicated to the task of assisting the Republic of South Vietnam in resisting communist aggression. The difficulties and unusual type of warfare encountered in Vietnam only represent challenges to the American diligence and ingenuity - so evident in all our youngsters assigned to that area. While impressive records are being compiled by Navy men in the Vietnam conflict, other officers and blue jackets assigned to other units are scattered throughout the world so that the United States will be able to meet any of its commitments.

As an educational organization, the Navy League should find ample opportunity to reflect the accomplishments of Navy personnel and to assist in creating a better understanding and appreciation for their exemplary deeds.

Today, more than ever before, U.S. Navy is the mark of



NOTS Recognized For **\$8.96 Million Savings**

The NOTS - developed inte- so reported by NOTS, was valgral bulkhead motor tube for the 2.75-in. rocket recently received recognition in Secretary of Defense McNamara's report to the President on fiscal 1966 cost reduction savings.

Through value engineering and redesign of the original motor tube, NOTS engineers eliminated three components which resulted in reducing production costs of the motor tube by 27 per cent. An additional 17 per cent saving in assembly and loading costs has also been realized through the simplified design.

Following the end of each fiscal year SECDEF reports to through the DOD cost reduction program effort. The 2.75in. rocket motor tube was selected by DOD this year to illustrate savings through value engineering or elimination of "gold plating."

McNamara reported a net saving of \$760,522 to the Navy in fiscal 1966 in production costs of the new motor tube. An additional \$1.11 million, al-

\$2,000 fine; or 3 years im-

prisonment, or both.

WARNING Anyone who knowingly

and/or willingly alters or mutilates a U.S. Treasury Check, which are the checks issued by any government activity for paymen of sal-ary, travel and miscellaneous expenses, is subject to the penalties for false claims and/or abuse of Government Documents or Records contained in NCPI 750-Encl .5 and 18 U.S.C. 287, 1001, and 2071. These penalties range from \$10,000 fine; 5 years imprisonment, or both, to

ter the figures for the Presidential report were compiled.

Another \$138,050 in production savings is pending validation. The integral bulkhead motor tube design further resulted in a saving in excess of \$6 million on Air Force and Army production contracts for the 2.75-in. FFAR during the

A total of \$8.96 million in savings reported by NOTS in fiscal 1966 has been validated. These savings include: value engineering, \$4.78 million; use of excess property in lieu of new procurement, \$3.95 millidepartment operations, the President savings made \$129,267; transportation management, \$18,511; technical data and reports, \$12,562; packing and packaging, \$82,269.

The Station's cost reduction report is submitted quarterly to the Naval Air Systems Command. During fiscal 1966 the following departments report-Propulsion Development, Underwater Ordnance, OinC Pasadena, Public Works, Supply, Personnel, and Central Staff.

Library Observes U.N. Anniversary

October 24 is the 21st anniof University Women.

The Station Library also has the United Nations. The most recent books are the First Twenty Years by Clark M. Design by Cornelia Meigs.

Elections Come For Community Council Board

Nominations have come to a close for vacancies on the newly reorganized China Lake Community Council. Tuesday, Oct. 18, was the closing date.

Candidates to the new ten-

As a matter of interest, par-Council:

Early Days

The Council dates back to the establishment of the Employee Welfare Association in 1945. As the China Lake community grew, the Association became involved in more and more complex problems. In 1952, the Community Council was formally incorporated for the purpose of promoting interest in civic affairs and community betterment, and to provide a means for participation by residents of the community in matters pertaining to their general welfare.

Work Today Among the continuing activities in which the Board plays an active role through standing committees are housing, civic affairs, recreation, education, area development, and idated by the Navy auditors af- community services and im-

As an example of these, the Board assisted in formulating the recently released Station "Landlord - Tenant Relations Policy Instruction." A product of one of the Board's ad hoc committees is the now operational FM Translator Station.

The Board provides a community-wide perspective in its various liaison and working assignments. Among these are membership or liaison assignments on the Employee Services Board, the Recreation Council, the Area Development Committee, the Safe Driving Council, the Civil Defense Board, the China Lake Park Commission, and the Ridgecrest Chamber of Commerce.

In addition, the Council vicepresident and another Board member serve on the Community Hearing Board, and the president of the Council is a member of the Community Policy Board along with the Station's Associate Technical Director and the Executive Officer. The Community Hearing Board hears appeals of Station traffic court decisions and reviews violations of Station administrative regulations.

Needs Participation

It is through these commit-

The Board of Directors,

therefore, urges all residents

of China Lake over the age of

versary of the founding of the complishes the Council's role. United Nations. The occasion However, the Board is only as is being observed by an exhib- effective as it is representative. it at the Station Library, prepared by Mrs. Robert E. Burrows of the China Lake Branch of the American Association

18 to vote for Council directors in the upcoming election. a good supply of literature on In addition, interested members of the community are urged to serve on various committees and in liaison assign-Eichelberger and The Great ments, as well as to run for director.

member Board of Directors, running for two - year terms, will be voted on at the general elections on Tuesday, Novem-

ticularly to new members of the community, here is a brief account of the history and role of the China Lake Community

Chairman for the Indian Wells Combined Federal Campaign. He stated that the number of pledges received so far indicate a sincere desire on the part of Federal employees in the valley to help those less

fortunate than we.

mum participation.

to the "Once for All" drive. He also stated that it would be pleasing for everyone to see the drive reach maxi--Photo by PH-3 Jerry Willey Campaign End Is Near Captain John I. Hardy, Com- that there is only one week left NOTS, met this week with Clar- in which to contribute to the ence J. Renne, 1967 Drive "Once for All" drive and it

would be most pleasing for everyone concerned to see this year's drive achieve maximum participation. Finally, Capt. Hardy indicat-

ed that Command is behind this effort 100 percent and urged Renne and departmental keymen to pull out all stops He did point out however, during this final week.



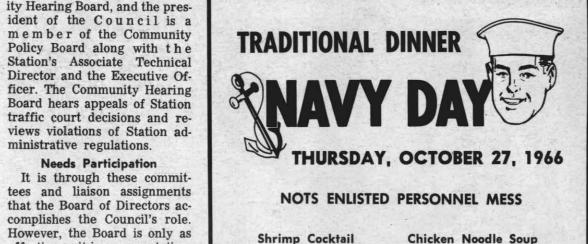
PARTICIPATION IS URGED — In a meeting held recently,

Capt. John I. Hardy, ComNOTS, pointed out to Clarence

J. Renne, Drive Chairman for the Combined Federal Cam-

paign, that there is only one week left in which to donate

PROCLAMATION FOR NAVY DAY — Ridgecrest Mayor Kenneth Smith presents Milford C. Carlson, president of the Indian Wells Valley Navy League, with a proclamation calling for observance of Navy Day here on Thursday, -Photo by PH-1 Jerry Williams



Shrimp Cocktail Teriyaki Steak Egg Foo Yung Natural Gravy Crisp Vegetables Deep Fried Shoestring Potatoes Salad Bar **Assorted Dressings** Hot Rolls Butter Assorted Breads Coffee Tea Pineapple Pie

ties are now ready for occu- present and future tenants. pancy and NOTS personnel are wasting no time moving from new "Long Beach Hilton."

cious four-man rooms, color TV tion, the answer is affirmative.

These and other such prais- rooms, and a large lounge es are being sung in the pas- where guests may be entersageway of the new barracks tained in complete comfort.

THIS CAN'T BE THE PLACE! - Firemen Miguel A. Gon-

zalez and Marion R. Burgess (I-r) were quickly convinced

this delightfully modern new structure was to be their new

home. The men lost no time in getting settled and becom-

Great! Terrific! Unbelievable!

ing accustomed to their new quarters.

at the Naval Station in Long The completion, after more than a year of anticipation, was The newly completed facili- a big morale booster for all

their former residence to the If the opinions of Burgess, Melton, Gonzalez, and the rest of The barracks features spa- their shipmates are any indica-

Was the time well spent?

MC, USN, Special Project Office, Naval Ma-

CHAPLAIN'S MESSAGE

Is Gratitude Lost?



By CHAPLAIN PAUL L. TOLAND

A story is told that one day God sent our four angels to go through the world to collect the prayers of His children. At the end of the day, each angel returned carrying his basket loaded

The first angel carried the prayers of adoration. His basket was just one-third full. The second angel had a basket half-full of prayers of contrition, and the other half was filled by the prayers of petitions which the third angel had to give him because there were more petitions than he could handle. The fourth angel very bashfully approached the throne of God, turned his basket over, and out fluttered two little prayers of thanksgiving

We read in the New Testament that ten lepers were made clean. Nine went on their way and rejoiced. Only one said, "Thanks."

Shakespeare wrote once: "How like a serpent's tooth it is to have a thankless child."

In which basket were our prayers? Were we among the nine? Is gratitude a lost art or virtue in our lives? When is the last time you said "Thanks" to God?



Prayer For Our Navy

The following is an adaptation of a prayer offered by the Reverend Doctor Suddards, at the launching of a navy ship at the Philadelphia Navy Yard, in 1843, and is the only instance of prayer at a U.S. Navy launching discovered in examined records, 1798-1914.

O Eternal God, Creator of the Universe and Governor of Nations: Most heartily we beseech thee with thy favor to behold and bless thy servant, the President of the United States, and all the officers of our Government, and so replenish them with the grace of thy Holy Spirit that they may always incline to thy will and walk in thy way. Bless the Governors of the several states, and all who are in authority over us; give them Grace to execute justice and maintain truth that peace and happiness, religion and piety, may be established among us for all generations.

May the ships of our Navy be guarded by thy gracious Providence and care. May they not bear the sword in vain, but as the minister of God be a terror to those who do evil and a defense to those who do well.

Graciously bless the officers and men of our Navy. May love of country be engraven on their hearts and may their adventurous spirits and severe toils be duly appreciated by a grateful nation; may their lives be precious in thy sight, and if ever our ships of war should be engaged in battle, grant that their struggles may be only under an enforced necessity for the defense of what is right.

Bless all nations and kindreds on the face of the earth and hasten the time when the priciples of holy religion shall so prevail that none shall wage war any more for the purpose of aggression, and none shall need it as a means of defense.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California Capt. John I. Hardy, USN

"J." Bibby Public Affairs Officer Joan Raber News Bureau

Frederick L. Richard Editor Staff Writers

Navy photos unless otherwise identified.

Printed weekly with appropriated funds in compliance with NavExos P-35, revised July

Holy Mass-7, 9:30 a.m., and 12:30 p.m. John R. McCabe Staff Photographers Jerry Williams, PH1 David W. Hobbs, Daily Mass-11:30 a.m. in Blessed Sacra-PH3 Bryce T. Cacek, PH3 Jerry Willey, and ment Chapel. PH2 Ralph Robey (Pasadena). Confessions-7 to 8:00 p.m. Saturday.

DEADLINES: NOTS Jewish Services (East Wing All Falth News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces

Sabbath School-10 a.m. to noon, every first and third Saturday. Unitarian Fellowship-For information write

NOTS Ext. 725591.

P. O. Box 5436, China Lake, or phone

DIVINE

Christian Science (Chapel Annex)-

Morning Service—10 a.m. Sunday School—10 a.m.

Protestant-(All Faith Chapel)-

Morning Worship—8:15 and 11 a.m.
Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) lo-

cated opposite Station Restaurant.

Roman Catholic (All Faith Chapel)-

Chapel)-8 p.m. every first and third

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below: Applications should be accompanied by an up-to-date Form 58. The fact

Production Controller, GS-5, PD No. 655-090, Code 5554 — Position is physically situated in the branch's sub-office which is established at the performing contractor's off-station facility. Duties involve the detailed planning, estimating, scheduling and progressing of individual reproduction and distribution job orders, and entail the need for maintaining a constant gwareses of for maintaining a constant awareness of contractor progress in all phases of techni-cal document copy preparation and distri-bution. Needs two years experience in work

Clerk-Typist, GS-4, PD No. 655082, Code 5523 – Incumbent provides secretarial and clerical assistance to the Head, Guidance Evaluation Branch and serves in a liaison capacity between Branch Head and other offices. Answers telephone, distributes mail, ins Branch files. Must be a qualified typist having a good working knowledge of general office clerical procedures and of the programs under her supervisor's con-

trol.

Clerk-Stenographer, GS-4, PD No. 655001A, Code 5572 — Incumbent takes shorthand dictation involving technical engineering and scientific vocabulary. Performs secretarial duties including receiving telephone and personal callers, incoming correspondence, maintaining office files, making all necessary arrangements for travel, and serving in a liaison capacity between her supervisors and other offices. Must be qualified at typing, shorthand dictating, and dictating machine transcribing.

dictating machine transcribing.

File application for above with Joan Cheever, Bldg. 34, Rm. 34, Phone 71514.

Supervisory Electronic Engineer (Solid State Devices) or Physicist (Supervisory), GS-12, PD No. 455053, Code 5522 — Position is that of Head, Microelectronics Section. In addition to the normal duties such as personnel supervision, and technical dispersions. as personnel supervision and technical di-rection, the Section Head will have primary rection, the Section Head will have primary responsibility for the selection of technical equipment to meet future Station needs in the microelectronic area. Prior experience with thin-film and monolithic devices is desirable but not a mandatory requirement. Emphasis will be on (1) ability to organize work and manpower, and (2) a real desire to learn and participate in the design and application of microelectronic devices and their fabrication techniques. Holders of advance degrees with a high interest in applivance degrees with a high interest in appli-cation of the newest advances in microelec-tronics and electronic physics are partic-ularly encouraged to apply. Opportunity for advancement exists in this position.

File application for above with Joan Cheever, Bldg. 34, Rm. 34, Phone 71514.

Clerk, (Typing) or (DMT) GS-301-5, Code 151 — Provides clerical and secretarial support to the special assistant to the office of the Technical Director in areas of program analysis program planning, etc.

analysis, program planning, etc. Clerk, (Typing) GS-301-5, Code 177—Provides clerical and secretarial assistance to the Internal Review Division. Incumbent

types reports, makes appointments, assembles briefing material, etc.

Automotive Mechanic, Code 855 — Incumbent manages the Auto Repair Hobby Shop. Provides instruction to customers, procures necessary parts, supervises three part time mechanics, etc.

File application for above with 5 h erry Scheer, Bldg. 34, Rm. 26, Ext. 71577.

Electronic Engineer, (Instrumentation), GS-9, 11 or 12, Code 4062 — The incumbent is concerned with the experimental phases of the development, test and evalu-ation of projects under the cognizance of the Structural Mechanics Branch. Duties are to plan, design and supervise constru tion of instrumentation and data acquisition systems, select and operate electronic test instrumentation and evaluate new instru-ments, materials and techniques. Incumbent will direct electronic technicians in the ar-

ea. Must have degree. Electronic Engineer — Physicist, GS-11 or 12, Code 402 — Performs individual component design and overall network analy-sis and design of microwave tracking systems. Systems analysis is made in terms of wave current theory and in network synop-sis and analysis. Knowledge of computer programming methods is essential to the

after admission into the system. Electronic Engineer GS-7 or 9 Code 402 —Designs microwave components, antennas and antenna fed circuits for radio frequency tracking systems. Reviews test data on Mechanical Engineer (Ordnance), C o d e

File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676. Film Assembler-Stripper, (Color Separa-tion), Code 7513 — Applicants must have

had four years of progressively responsible skilled experience in film assembly tasks and processes incident to offset production work. The experience must demonstrate a stripping process, of the opaquing of photographic negatives, and other processes common to the offset reproduction of black and white and-or multilith work. The experience must have included half-tone work, taping or masking color separation negatives and making precise measurements to

'DESERT PHILOSOPHER'-

Hunting On The Base

By "POP" LOFINCK

The dates have been set for 1966 hunting on the North Range of the Base for chukar, quail, cottontail and jackrabbit

Three consecutive weekends - October 29-30, November 5-6, and November 12-13. The public is invited.

Entrance will be via the Darwin gate - which will be open from 6 a.m. on Saturday till 5 p.m. on Sunday of the hunting

Gravel roads and trails are not maintained and are subject to wash outs and high centers and areas of soft sand. Therefore, careful and skillful driving is essential. Fourwheel drive is better. No motorcycles allowed.

OVERNIGHT CAMPING PERMITTED

Overnight camping will be permitted in the vicinity of Junction Ranch and Birchem Springs. Make sure you have enough water and gasoline to last during your stay. The nearest gasoline station is about 50 miles from the Darwin Gate. Only shotguns are allowed—and shot shells only—no slugs.

THIS IS THE BEST YEAR EVER

According to a survey by the California Department of Fish and Game (DFG) the percentage of reproduction of chukars is greater than it ever has been - on account of spring rains and abundant feed. Quail have done well, too - so you should get your bag limit each day.

The California Department of Fish and Game will be responsible for enforcement of game regulations. And there will be a helicopter assigned by the Naval Air

Facility for emergency evacuation, if necessary. There are plenty of chukar but they have to be hunted-

you can't walk out and knock them over with a stick. There may be a chukar behind every rock — but be sure it's a chukar before you shoot - not another hunter.

It is suggested that you get some walking exercise before the season opens — to get your feet in condition — because much chukar hunting is up hill. They run along on their little legs ahead of you - and when you're half way up the hill and pooped out trying to catch up - they may fly back to where they started. So you might let the other guys climb up the hill and you stay behind and shoot the birds when they fly back. Maybe!

Most chukar hunting is on the ground — so it takes alertness and a quick shot to hit one darting through the sagebrush and around rocks - that makes the sport more interesting and sporting. The chukar is probably the greatest game bird yet discovered — and the average chukar weighs twice as much as a mountain quail and three times as big as a valley

The chukar population on the North Range is more numerous than ever before. So-if you're good-you should get your bag limit each day.

Sometimes chukars are hard to find in the sagebrush and behind rocks. A crippled bird can often flop around and hide among the rocks.

Cottontail and half grown jackrabbits are pretty easy and in my opinion better food than chicken.

There never has been an accident from past hunting seasons on the Base - so let's keep this record.

There will not be a medical corpsman on duty in the North Range this season. But in case you should get hurt or stranded, there will be a radio telephone at the Darwin gate and at Mountain Springs Canyon.

Supply Clerk, (Typing), GS-3 or 4, Code ic equipment used in the range timing and 2573 — Performs clerical duties in relation band widths and in terms of physical real-izable and tolerance on components. Posi-tion requires good background in micro-wave current theory and in network synop-wave current theory and in network synopto supply operations; types stubs, requisiand analysis. Knowledge of computer plus one year of clerical experience direct-ly related to supply-clerical functions for the GS-4 level. Must possess substantial typerature of the GS-4 level. Must possess substantial typerature

Mechanical Engineer (Ordnance), C o d e strapped-down navigational system based individual components and overall tracking assisted in the field of chemiluminescent massisted in the field of chemilum massisted in Writes electrical specifications for procure- terials and their application to ordnance ment of microwave components for system devices for target marking weapon systems, use. Prepares oral and written reports to ocean marking systems and other general

Helper, Test Range Tracker Code 3551tracking missile and other airborne objects by performing the more routine tasks in the operation of photographic, mechanical, electronic and optical tracking equipment to record flight test data.

Morrison, Rm. 32, Bldg. 34, Phone 72032.

Electronics Mechanic, JD No. 185-12 WB 12, Code 3067 -- Maintains and operates instrumentation radars and associated equipment on the Systems Development De-

partment ranges.
Electronics Technician, GS-7, PD No. 3-130015, GS-9 PD No. 630008 Code 3065 insure exact registration.

File applications for above with Carolyn
Cadle, Bldg. 34, Rm. 28, Phone 71648.

130015, GS-9 PD No. 630008 Code 3065 —
Duties will include the installation, check-out, operation and maintenance of electron-

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218. and development of a complete three axis on the ring laser gyro and other solid-state directional and rotational sensors. Develop-ment experience in lasers, inertial elements, and digital circuitry desired but not man-datory. Requires a degree in science or engineering. Call 72845 for additional infor-



Chargers Take Pair, **Cinch Championship**

right for number two, and the

two conversion attempts failed.

Fourth Quarter

out pass pattern, and Brown

pulled off another good sweep

for the second and final tally

in the last quarter. McCullough

fense: Miller, two, and one

each for Brown, Johnson, No-

The Desert Rats obviously

missed their regular quarter-

Don't miss a fine football game

and a chance to support the

The first Inter-club Tennis

Match of the year was played

between the China Lake Ten-

nis Club and Edwards Air

Force Base last Sunday on the

Even with the wind blowing

for all it was worth, the China

Lake group showed their tal-

ent by taking Edwards 9 to 0.

itors were hosted at a lunch-

eon by the victors at the Wil-

liam Hughey home. This was

also the first meeting for the

planned formation of a Desert

Tennis League with Edwards,

Palmdale, Victorville, San Ber-

Match scores for the singles

were: Roger Peck over Roger 3 and 6 to 1.

nardino, Corona and Barstow

Following the match, the vis-

China Lake courts.

China Lake Tennis Club Takes

Edwards in First Annual Match

vak, and Horton.

Navy tourney there.

United Fund Drive!

Westley scores on an in-and-

BY. LT. BOB KORNEGAY Barnes caught a swing pass

Friday, October 21, 1966

A fired up NAF team displayed the finest effort to date on Thursday, Oct. 13. The battle cry was "get fifty" and the Chargers came through to pummel the Desert Rats, 54-14. McCullough was high scorer with three touchdowns and two conversions. Mowrey had three touchdowns and extra points went to Barnes, Brown, Westley, and Kornegay. The final touchdowns were scored by Westley and Brown. The Allstars managed to score twice against the usual brilliant defense on long yardage. Dateline: Tuesday, Oct. 18. Repeat performance against the NOTS Desert Rats.

You will recall that the Chargers squeaked by the Desert Rats in their first encounter on a last minute safety. Well, Tuesday night was a different tale. The Chargers were ready and at a peak. The Rats quarterback broke loose for one long touchdown. The rest of the night was really "dry" for the Desert Rats.

The Chargers failed to score on the first series, but after that it was two touchdowns each quarter, and Novak only had to punt twice for a 40yard average.

Mowrey opened the scoring with a quarterback keep, roll out left, sweeping the left end. Then Brown pulled off a nice swing pass around the right end for the second first quarter touchdown. McCullough and Holford each caught a slide pass for points. Vandervort intercepted to stop the Rats once, and the defense only had to grab five flags to hold them the remainder of the quarter. Miller had two, and Johnson, Vandervort, Novak, one each.

Second Quarter

In the second quarter Mowrey faked a power play to Brown, rolled out right and went all the way. On the next series, Brown tallied on a power play off the left guard. Mowrey ran up the middle, and hit Holford on a slide for the conversion. The defense loosened a little, but racked up the flags; Miller, four, Novak, three, and one each for Barnes, Vandervort, Cross, Owens, and Horton.

McCullough snagged one on an in-and-out, as Howard of NOTS crashed, and scored the first one in the third quarter.



NEW UNDERSEA BEACONS

Underseas radio beacons being tested by Navy can transmit signals from bottom of the sea or from aboard ship. Called "transponders" when subemerged and "transducers" when shipboard, the radio devices are used in threes or sixes to enable survey ships to steam a straight line to chart accurately the ocean bottom.

Camping Trip Set For Boy Scouts Over The Weekend

Boy Scout Troop 3 of China Lake is planning a leadership training and fun campout at Camp Nick Williams in the Piute Mountains, Oct. 22-23, 1966.

Patrol leaders and Senior Scouts have banded together made one extra point on a into a Green Bar Patrol to chalhook pass. Flags for the delenge the rest of the Troop in setting up the best campsite. The rest of the Troop - under the leadership of Assistant Patrol Leaders - have accepted the challenge.

back, but it was a decisive 53-6 The Green Bar Patrol will win for the champions. The include Tom Dunn, Lee Wood, Chargers, along with a few Danny Wood, Paul Oshel, Tom standouts from the other Hamel, Norman Espenlaub and leams, and Coach Ranck from Andy Bischel. Assistant Patrol VX-5, will travel to Long Leaders who have accepted the Beach in November for the challenge include Kelly Baker, Jim Johnston and Greg Hill. In the meantime, come out This competitive good time and to the two charity games, Point leadership training are part of Mugu tomorrow night, and Edthe scouting program to build wards, Saturday, Oct. 29. Game better citizens for tomorrow. time, 8 p.m. at Kelly Field!

> When it comes to the hydrogen bomb, it's not a question of who's right but who's left.

Everly 6 to 1, 6 to 1; Buck

Bustard defeated John Kiselyk

Roy Ferguson 4 to 6, 6 to 2

Ed Wood 6 to 4 and 6 to 4;

In the doubles it looked like

Johnson 6 to 1 and 6 to 1.

BOWLING TROPHIES — Two local youths, Patty Dalpiaz and Mike Dowd were recently awarded trophies for their outstanding bowling abilities.

Receive Trophies For Top Bowling

Patty Dalpiaz was recently crowned Southern California Youth Singles Champion in the Minor Division for her 640 three game handicap series held in Torrance at the Gables Bowl. Patty, a 116 average bowler, bowled a 516 scratch series including a 210 6 to 1 and 6 to 4; Don Beres- game at the China Lake Bowl ford against George Mushalko which qualified her for the 6 to 3, 6 to 1; Larry Faulk over State Championship Tourna-

and 6 to 2; Dick Mello took Out of 34 girls from all over the State who qualified, Patty and Dick Boyd won over Ken took first place and received a trophy from the Bowling Proprietor's Association of America and co-sponsor Coca Cola, plus a 210 patch for her high game.

this: Roger Peck and Bill Hughey defeated Roger Everly Mike Dowd received a troand George Mushalko 6 to 3 and 6 to 0; Roy Miller and phy from the Wagon Wheel Buck Bustard over Ken John-Bowl in Oxnard for coming in third with a 563 three game son and John Kisely 6 to 3 and 6 to 1; and Don Beresford and series in the Prep Boy's divi-Jerry Whitnack took Norman sion of the Oxnard Sports Fes-Witte and Roy Ferguson 6 to tival. Mike was also recently awarded a trophy for the Out- to attend.

standing Bowler of the Year for the 1965-66 season. Winter season is now under-

way and organizations that overlooked the letters from Mrs. Aline Schad are reminded that there is still a need for sponsors. Information may be obtained by calling 375-2571.

Tennis Finals Are Scheduled For Next Week

All courts were in constant use by over 35 players during the two day Fall Tennis Tournament held October 8 and 9. Matches have been played through the semi - finals with the finals coming up this week.

There will be a business meeting and a presentation of trophies at the home of Mr. and Mrs. Richard Mello, 325 Bogue Circle, on Sunday, Oct. 30, at 2 p.m.

Refreshments will be served and all members and anyone interested in joining the China Lake Tennis Club are urged

Ladies Invitational Golf Winners



WINNING LADY GOLFERS—These are the winners of the 1966 China Lake Ladies' Golf Club Invitational. Front row from left to right is Virginia Cleminson, Barstow; Theo Paetsch, Lone Pine; Avis Dumler, Bakersfield; Nadine Mc-Lin, Bakersfield; Back row, left to right, Betty Hunt, Bar-

stow; Florence Hunt, Barstow; Bernice Coates, Barstow; Natalie Harrison, China Lake; Dorie Anderson, China Lake; Opal Burkhardt, Lone Pine; Nona Turner, China Lake; Mary Mc-Donald, China Lake; Carolyn Pangle, China Lake; Barbara Hed, Kernville and Eileen Russell, China Lake.