

RECEIVES AWARDS — Capt. Leon Grabowsky, NOTS Executive Officer receives awards for Outstanding Support to Scouting in the Indian Wells Valley from Dick Rice, Kern Co. Scouting Council Executive (I) and Oscar Hape, Station Scouting Executive. Others receiving similar awards were: Capt. John I. Hardy ComNOTS, Capt. H. J. Hartman, Public Works Officer, Lt. John N. Milliken Jr., William H. Hampton, Jim H. McGlothlin, Claude M. Harrell, Donald E. Wegley, Emmett E. Blurton, Marian N. (Nick) Allen, Floyd D. Wegley and George L. Bowles.



FOUR WIN SAFETY SHOES - Four pair of safety shoes were given as prizes by the Safety Department during the Navy Relief festivities. The winners are shown with Les Fairall, Safety Dept., left, and Karsten Skaar, Safety Director. The winners are: Marvin Windsor, J. C. Stokes, LeRoy Carson and W. T. Cooper.

#### CROSSWORD PUZZLE

1-Moccasin 4-Prepares for (collog.) 8-Sluggish 9-Expert 10-Unit of Siamese print 9-Deface 12-Time gone by 13-Essential 14-Devoured 15-Pantry 17-Cooks in currency 11-Things, in

17-Cooks in oven 19-Sovereigns 21-Damp 22-Unclose 24-Dawn goddess 26-Slave 29-Peels 31-Scold 33-Spanish for "river"

"river" 34-Spanish 38-Memoranda

35-Drunkard 37-Container 39-Symbol for nickel 40-Soak 42-Period of time 44-Clayey earth 46-Region 48-Sunburn 50-Allowance

for waste 51-Insect egg 53-Country of 53-Country of Asia 55-One occupying chair 58-Dependent 61-Poem 62-Part of

jacket 64-Period of time 65-Armed conflict 66-Soap plant 67-Tattered DOWN

1-Crony (colloq.) 2-Mohamme-

dan commander 3-Very good one (slang) 4-Smooth 5-Funeral



pencil 59-Macaw 47-River island 60-Fall behind

# **Safety Council Gives Tips On Using Gasoline**

Here are some tips on how to keep the harness on this powerful workhorse:

1. If you need gasoline at your home for your power lawn mower or similar equipment, keep it stored in an approved gasoline container. The container should be red and labeled as follows: "GASO-LINE DANGER! EXTREMELY FLAMMABLE (HARMFUL OR FATAL IF SWALLOWED) Keep away from heat, sparks, and open flame. Keep container closed.

2. Never store gasoline in a glass container. The glass could break and cause a fire.

3. Store the gasoline out of your home if possible. It is advisable to restrict the quantity you keep at home to be one gallon or less.

4. Do not use gasoline to clean paint brushes, clothing and other household items. Use a product that will not produce flammable vapors below 100 degrees F., as an exam-

ple, stoddard solvent. 5. Turn off the engine on your lawn mower, and other gasoline engine devices, when you refill the gasoline tank. Use a funnel or spout to fill the tank and avoid spilling gasoline on the engine. If the engine is hot, let it cool a few minutes before you fill the tank. Keep metal to metal contact between the gasoline container and the tank on the engine. Do not refuel your lawn mower in the garage. Take it

6. Do not use gasoline to start a fire in your outdoor grill or in your fireplace. The use of gasoline for this pur-serious Scheduled For pose has caused many serious burns and some fatalities. Also, avoid using gasoline to rekindle hot coals.

7. Avoid having your car's gas tank overfilled just before parking it in the garage. The gasoline may expand and run out onto your garage floor. A source of ignition, such as a clothes dryer or a hot water heater, could ignite the vap-

8. When you haul a small can of gasoline in your car trunk for your outboard motor or your camp stove, leave room in the can for expansion. Of course, use only an approved gasoline container.

9. Anytime you transfer gasoline from one container to another, do that job outside in the open air away from sources of ignition. This will permit the vapors to disperse quickly and safely. Remember - No Smoking!

Gasoline puts power at your finger tips. Use it and enjoy it, but use it safely.

### Social Security Rep. At Community Center Wednesday, July 13

All China Lakers with questions about Social Security provisions may contact a representative from the Administration here next Wednesday, July 13.

He will be at the Community Center from 8:30 a.m. to 11:30 a.m., and is available for con-



LCDR. EDWARD F. RUESE II, this week began his duties here as Control Div. Officer for Supply Dept., and its Senior Supply Duty Officer. He comes to NOTS, with his wife Janet and four children, from duty with U.S. Naval Support Activity at DaNang, Viet Nam. There, he was Bulk Fuel Div. Director. The Kansan from Lawrence graduated from the University of Kansas with a B.S. in Geological Engineering, and earned his commission through NROTC there in 1955. He is a lover of sports, counting golf, swimming, bowling, handball and mountaineering his favorites, and has served as a Red Cross water safety instructor. The Ruese family, with Gaylen, 10; Fred, 8; Graham, 6; and Stanton, 4, will make their new home at 309 Blueridge.

# Informal Party College Adults

College age adults of the Indian Wells Valley are invited to an informal party to be held tonight at 320 Warner Street, Ridgecrest. The party is the first of a series of parties, picnics and short field trips to be organized during the next two

The event will start at 7:30 and is open to any single adult between the ages of 19 and 28. NOTS summer employees are particularly encouraged to attend the party in order to bearea. Further information may be obtained by calling 378-

### Station Restaurant Closed For Re-modeling July 15

The Station Restaurant will close at 1:30 p.m. on Friday July 15 for the installation of new furniture and will reopen on Monday morning as usual.

# Ice Cream Social **Planned by Ladies** For Chapel Lawn

Preparations are underway

for China Lake's annual Ice

Cream Social at the All Faith

Chapel, according to the event co - chairmen Amy Hartman and Dot Shull. The Social is to be held at the Chapel's East Wing on the lawn, Tuesday, July 19, from 6 to 9 p.m. The Senior High Youth Fellowship is reported

to be developing enthusiasm

as they plan to launch their

traditional dunking game. The event is sponsored by the Protestant Women of the Chapel, and all proceeds will go towards the mission program they support.

Tickets are 50 cents for adults and 25 cents for children under 12. Tickets may be obtained early from any member of the Guild or at the Chapel office, or at the door on the evening of the social.

(Comedy/Music) They're going to name a space ship after the Hermits so the Government checks up on them to see if they morally qualify. The investigator stalks their tour midst screaming girls and the "IN" type of pop music. (Adults, youth,

Shorts: "Year of the Mouse" (7 Min.)

"FROM EARTH TO THE MOON" (100 Min.) Joseph Cotten 1:30 p.m. Shorts: "Duckseers" (7 Min.)
"Radar Men, Chapter No. 5" (13 Min.)

"SEND ME NO FLOWERS" (100 Min.) 7:30 p.m.

(Comedy) Hypochondriac husband mistak-enly believes his demise is near so he sets to selecting her next husband. But it all gets mixed up with fun galore for you on his plans misfire. Good fun! (Adult.) Short: "Polar Pest" (7 Min.)

SUNDAY-MONDAY JULY 10-11 NORTH BY NORTHWEST" (136 Min.) Cary Grant, Eva Marie Saint

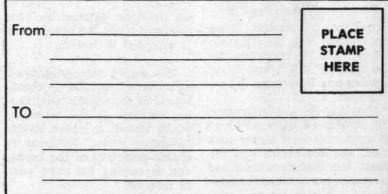
7:30 p.m. (Adventure) Alfred Hitchcock tells of an advertising executive who is mistaken fo a Federal Agent by a spy gang, is accused of a murder he didn't commit and falls for a pretty GIA Agent. Mirth, murder and mayhem with multiple suspense. (Adults,

UESDAY-WEDNESDAY 'INSIDE DAISY CLOVER" (128 Min.) Natalie Wood, Christopher Plummer July 12 - 7:30 p.m. July 13 - 6 & 8:15 p.m.

ma) A tough, but attractive, hellion is suddenly "discovered" by Holly wood and is built up to star material by glamour treatment. Her confusion is logical and heartbreaking and her romance enviable success. Natalie is at her best. Behind the scenes! (Adult.)

THURSDAY-FRIDAY "THE SILENCERS" (105 Min.) Dean Martin, Stella Stevens July 14 - 7:30 p.m.

July 15 - 6 & 8 p.m. (Comedy/Drama) Former secret agent Dino very reluctantly gives up retirement job of photographing gorgeous models to aid the U.S. in combatting a spy ring. From the opening titles to the inevitable zany end a bevy of beauties and super gadgets help Dean's espionage. And he even sings a couple of tunes. (Adult.) Short: "San Francisco" (10 Min.)



# **New NAF Flying Officer**



LT. ROBERT R. KORNEGAY arrived for duty at NAF as flying officer from VAH-8, recently deployed aboard USS Midway, where he was training officer. The native of Centreville, Ala., brings his wife Diane to their desert home at 54-B Ringgold. Lt. Kornegay attended the University of Alabama, and is a graduate of the U.S. Naval Academy. He took his flight training at Pensacola, and attended the Postgraduate School at Monterey. His tours of duty since receiving his commission in June, 1958, include two years at Atsugi, Japan, with VQ-1.

# Due Here Monday



# Navy Uniform Man

A representative of the Naval Uniform Shop will be at the Navy Exchange main retail store on Monday, July 11. Officers and Chief Petty Officers interested in purchasing uniforms, or uniform accessories, may see him for fittings in the men's department from 11 a.m.

57,236 Paid As Bonus

\$7,236 RE-ENLISTMENT BONUS PAID -Vincent J. Gibbs.

ATN2 assigned to NAF was the first NOTS man to receive

the new Variable Re-enlistment Bonus. Gibbs received a reg-

ular bonus of \$1,809 and a variable bonus of \$5,427 for

the grand total of \$7,236. Lt. Wilfred J. Bergeron, Disburs-

ing Officer, hands over the first installment of \$2,170. The

remainder will be paid over a 6 year period.

Naval Ordnance Test Station, China Lake, California

# Max. Min 97 103 58

# First Construction Officer Visits Tells Of The Early Days Here

# **Could Be Seen** In The Beginning

Captain Oscar A. Sandquist USN (Ret.) paid a visit to NOTS this week and recalled some of the old days when he was the first Officer In Charge of Construction here. During his visit he spoke in detail of the many problems and humorous situations that developed during his tour of duty.

Gets Orders

"I received my orders early in 1944," said Sandquist. "They were so secret that I couldn't even tell my family where I was taking them.

"We arrived in Inyokern and everything was sagebrush. The town consisted of one corner rooming house, a small grocery store and one bar. What

"Our first job was to build quarters for the construction crews," he related. "That was no problem, but getting the construction crews was something else again. We had the lowest priority of any Government project at the time, and men were impossible to find."

Recruiters Sent Out

Recruiters were sent to the East and Midwest to hire help. They were told that their moving costs would be paid and that they were going to China Lake. What happened after that, according to Sandquist, was really something to see.

Bring Boats "Workers from all over the country came pouring in," he exclaimed, "and what a laugh to see many of them towing their boats." Why not? Weren't

EARLY OFFICER VISITS - Capt. John I. Hardy, ComNOTS (r) and Capt. H. J. Hartman, Public Works Officer are amused by some of the stories remembered by Capt.

Oscar A. Sandquist, USN (Ret.) who was the first Officer in Charge of Construction. Capt. Sandquist paid a brief visit to NOTS on last Wednesday, July 6.

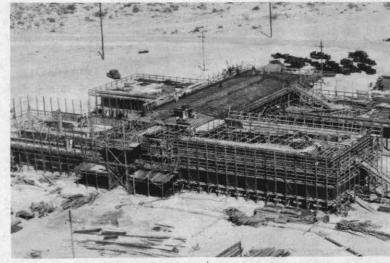
they coming to China Lake? The purchasing of land also presented its problems. Negotiations were begun early in December 1943 for portions of the Indian Wells Valley in Kern, Inyo, and San Bernardino counties which included the Inyokern Airport. The area consisted largely of undeveloped Public Domain, used principally for cattle grazing and marginal mining operations.

**Prices Jumped** It seems that when a lot of the miners with worked - out claims heard that the Government wanted the land, the claims were no longer worked out. Prices went sky high.

Although construction was just getting under way, Cal. Tech. was already busy developing the first missiles. This meant that target sites also had to be built.

First Target Site The first targets were patterned after actual plans for a Japanese machine gun nest. and one of the first missiles fired at it was named "Holy Moses" after an exclamation overheard during the firing.

One of the outstanding miracles of those early days is the fact that nearly all of the present facilities were completed in permanent form by the end of the first year, and over 10,000 people were housed. Most of the credit, according to Sandquist, goes to the close relationship of the employees.





BEFORE AND AFTER — The top picture will give you a good idea just how things looked to Capt. Oscar A. Sandquist, USN (Ret.), center, during his tour at NOTS. Capt. Sandquist was the first Officer in Charge of Construction here. The two pictures show the Administration Building during its construction and after its completion.

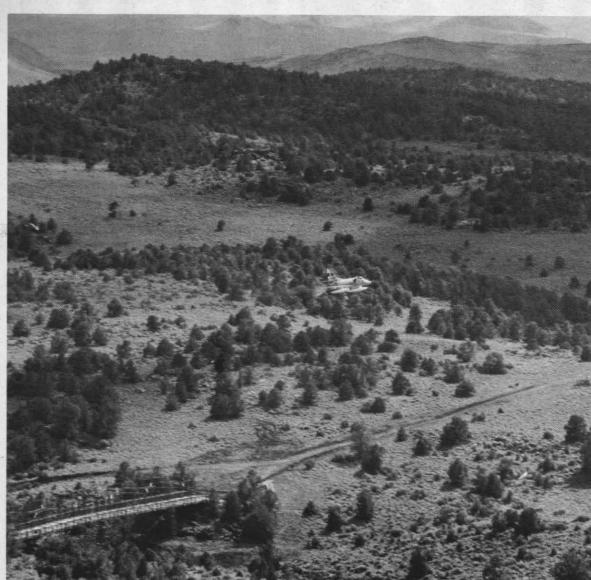
# Coso And Charlie Ranges Offer Wide Assortment Of Targets

# Duane W. Mack

Duane W. Mack, Range Engineer, has the responsibility for the operation of Charlie and Coso Range. Mack was with the original five to start work on "C" Range as well as later playing an important part in the establishment of Coso Range.

His outstanding leadership during his 21 years has earned him many awards and com-

Operation Head TYPICAL MISSILE SITE — This "Missile Site" Target will give our pilots an ex-cellent idea of just what an enemy missile site could look like. This type of target isn't too hard to spot ily camouflaged. Smaller targets such as vehicles and storage areas can be nearly impossible to spot in rough terrain such as this. Coso Range offers excellent training for this type of identification. This particular target is located just northwest of the Control Station.



THE BRIDGE IS THE TARGET - If this were an enemy bridge, it's a good bet that traffic would be greatly reduced. This run

was made to evaluate certain instruments so the bridge remains undamaged. Live ordnance is used in other tests.

# Coso Is Camouflaged Charlie Is Wide Open

By DAVID L. KIMSEY The distance between the

Coso Range

Located in the northwest corner of the Station, the Coso Military Target Range was established in 1963 to provide an unfamiliar wilderness - type area typical of that found in many combat situations.

Situated on a broad mountain plateau, covering an area a combat environment with military targets of bridges, tanks, gun emplacements, vehicle convoys, aircraft, and missile launching sites.

The targets are located at elevations varying from 7,000 to 8,000 feet in a rolling hill terrain. The area is covered with Pinon Pine, Juniper trees and brush, offering natural camouflage. The colors of the vegetation follow the seasonal trend, and because of the elevation, snow during the winter months is normal.

The valley floor of Coso Range, on which most of the targets are located, is bordered on the east and west by mountains that provide unobstructed locations for control sites and spotting stations.

Two types of information that can be gained from a range such as Coso is the pilot's ability to locate and iden- ating altitudes at Charlie tify small ground targets while Range, however flight patterns eluding detection, and accura- are carefully controlled. Both cy data on new and existing high explosive and inert ord-

Charlie Range

The Special Test Range "C" Coso Military Target Range (Charlie) is one of the most and Special Test Range "C" is used field laboratories for the only 40 air miles, but there the testing and evaluation of aviasimilarity ends. "Charlie" tion ordnance equipment in ex-Range depicts the true desert istence. It covers 25 square while Coso, in direct contrast, miles and is located on a flat is mountainous and covered alluvial plain in the south-central section of NOTS.

Established in 1943, the present location was chosen because it offered sandy loam soil for target areas, the absence of cultural and topographical obstructions and unlimited air space. The first rocket firing at Charlie Range was conducted in the Fall of 1943.

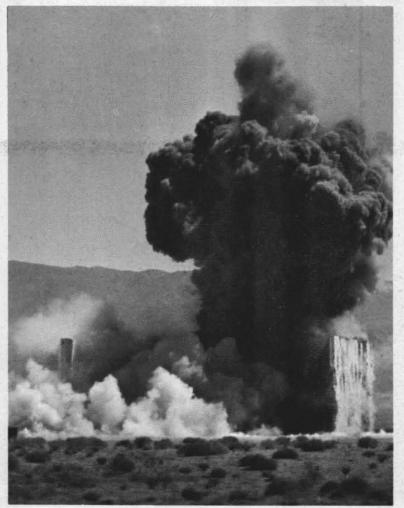
In 1944, the pilots and crews of approximately 30 square of the B-29 bombers, that were miles, Coso Range represents later to bomb Hiroshima and Nagasaki, were trained in high altitude bombing with a dummy proto-type of the first atomic bomb.

The development of facilities and instrumentation has continued over a period of 15 years to meet the ever changing aspect of the field test program, and to meet the requirements of evaluation of new types of air-borne ord-

Control Tower

The control tower, located in the center of the Range, serves as the nerve center for controlling the array of optical, mechanical and electronic instrumentation on eight specialized target areas. The tower consists of four decks, each housing data recording instrumentation.

There is no limitation as to the type of delivery or opernace are used.

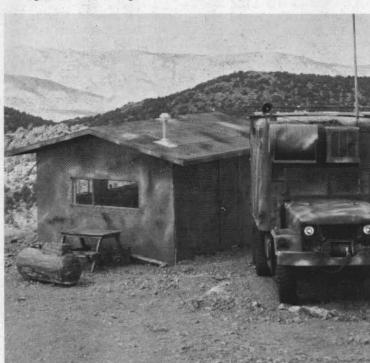


CHARLIE RANGE TEST — Here you can get a small idea of the importance of the tests conducted at "C" range. This bombing test was against a concrete wall.

ก็ตัวเกล้าใหม่ กูกกับผู้ราก กับกำหนาย เกล้าเกล้า เกล้า "Maria" (กับกำหนาย เกล้า เกล้า เกล้า เกล้า เกล้า เกล้า เ



SMACK IN THE MIDDLE - This is the control tower located at Special Test Range Charlie and it's situated in the geometric center of the Range. It serves eight specialized target areas throughout the station.



LONELY BUT BEAUTIFUL - To the men who run the station it's all business, however this control station at Coso Peak offers one of the most beautiful views to behold. Facilities are provided in the event the men are required to spend more than one day. See below.



IT ISN'T MUCH BUT IT'S HOME - It may not look like much, but to those who have been here for a while it's a palace. This 20 x 40 foot Quonset replaced the two trailers that were formerly used for lodging.

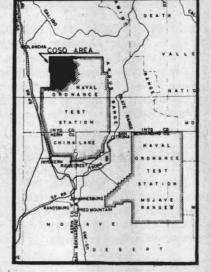


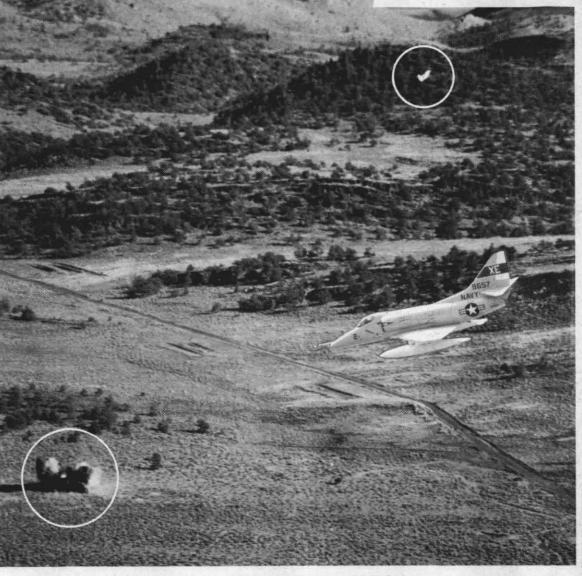
THE NERVE CENTER—This is an inside picture of the control tower at Charlie Range showing just a portion of the many intricate instruments that are used in conducting various tests. There are four different levels in the tower, each housing a vast assortment of these instruments. Note the picture at top center.

## Map Indicates **Area Location**

This chart shows the location of the Coso Military Target Range in the northwest corner of NOTS. Although it only takes a few minutes to reach it by air, by vehicle it takes over two hours.

Wild Burros, old mining claims, petroglyphs and an old stagecoach station may be seen





RIGHT ON THE BUTTON - Here you can get a pretty good idea of just how accurate our pilots are. That cloud of dust that you

see in the lower left corner was a tank, but you can't see it now. Both jet and prop type aircraft are flown at Coso.



# Long Beach Retirement Ceremonies

# NOTS Pasadena



SUPPLY PERSONNEL HONORED - Cdr. H. F. Burns, Associate Director of Supply, officiated at award ceremonies held for supply personnel. Left to right from Cdr. Burns are Helen Roberts and Irene McGee, each of whom received a Quality Step Increase and Outstanding Performance Rating; Eleanor Jordan was presented with a Quality Step Increase; Florence Pincus and Evelyn Eckard were rewarded for Beneficial Suggestions; and Robert Arnquist earned a Sustained Superior Performance Award. Not present for photo was Dorothy Warren, Sustained Superior Performance recipient.

Savings Bonds

**Best Buy Today** 

### PROMOTIONAL OPPORTUNITIES

To apply for vacancies, contact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

Mathematician, GS-11, PD of electronic and electromech-No. 2P80131, Code P8043 -Analysis and hybrid computer implementation of scientific problems including real - time weapon simulation models. Bachelor's degree in mathematics, physics, engineering, or its equivalent required. Minimum of three years professional experience including mathematical analysis and programming of digital computer systems required.

### Kats Upset Tigers **UFO's Hold First**

A funny thing happened to the Paper Tigers on their way to the NOTS summer bowling league champtonship. The Channel Kats came along with a whip and a chair and took four big games from them in the 10th week of play. Now the UFO's occupy first place, with a won-lot record of 27-13. The Paper Tigers are second, however, and ready to strike back. The Channel Kats are Mets - 1-6. third. The UFO's are Jan Cardwell, Ruth Neff, Wayne Taggart, and Mert Welch. The Paper Tigers consist of Lina and Dan Moore and Dawn and Jack Kindred. Phyllis and Jim Hennel Kats.

ries, Jacks and Better, 2293; ton, 234.

# Rocket Action

hicle is available.

Inspector (Ordnance Elec-

tronic Equipment - Developmental) A or B — Hourly Sal-

ary Range: \$3.70 to \$4.34; Code

tor in the Los Angeles area.

performs technical inspection

anical equipment at the source

of manufacture. Maintains liai-

son with vendors in the L.A.

area and project personnel at

NOTS Pasadena and China

Lake. Must have strong back-

ground in inspection of elec-

tronic equipment and some ex-

perience in mechanical equip-

ment. Own transportation, on

mileage reimbursable basis.

required except when Navy ve-

P5513. As a transient inspec-

The NOTS Slo-Pitch Softball ing, having succumbed to L.A. County Roads 12-7. Team standings in the league are -Tigers, 8 wins, 0 losses; Rio Hondo Dads — 7 wins, 0 losses; L.A. County Roads — 6-2; B and B - 5-2; Podres - 5-2; NOTS Rockets - 3-3; El Monte Fire Dept. — 3-4; Pete's Possums — 2-5; Hoffman Electronics — 2-5; Guptill Co. — 2-6; P.T. and T. - 2-6; S.G.V. Water Co. - 1-6, and Pre-

Tonight's game with S. G. V. Water Co., is to be played at Gidley School, 10226 Lower Azusa Road, El Monte.

team game, Channel Kats and ry and Jane and Al Gaghagen Late Four, 809 (tie); men's semake up the oncoming Chan- ries, Jack Sayre, 669; men's game, Dan Moore, 255; wom-High scores for the 10th en's series, Sue Marimon, 599; week are as follows: team se- and women's game, Pat Pres-

# 80 Years Service Represented

Terminating more than 80 U.S. Navy career personnel— Chief Warrant Boatswain David J. McCafferty, Chief Warrant Machinist Russell C. Cammer, and Senior Chief Engineman Clarence Galik, retired from active duty last week at NOTS Long Beach facility. In true navy tradition, a formal inspection was made and the program enhanced by the presence of a Navy band, courtesy of COMCRUDESPAC.

CWO D. J. McCafferty CWO McCafferty, Recovery and Salvage Officer, transferred to the retired list of the Navy after performing over thirty years of honorable and faithful service.

During his naval tour of duny areas of this country as well as in the Pacific and Atlantic during the Korean Police Ac-Of particular note was his performance on the refloating of the USS Monssen (DD 798) for which he was awarded the Navy Commendation Medal in June 1962. In recognition of his services during times of war at NOTS, his application of exand peace, he was presented with the following medals: Navy Commendation Ribbon, cess of NOTS operations, earn-Good Conduct Medal with two stars, American Defense, American Campaign, Europe-sonnel by responding to re-an - African - Middle Eastern search and development projpaign, Victory World War II, and professional manner. National Defense, Korean Service, and United Nations Serv-



RETIREMENT CEREMONIES held at NOTS Long Beach Facility recently terminated a total of more than 80 years Naval service. Left to right, CWO D. J. McCafferty transfers to the retired list of the Navy after nearly 31 years active service. CWO R. C. Cammer retires from 30 years service, and Chief C. Galik retires to the Fleet Reserve aft-

McCafferty was further years of Naval Service, three commended for his performance of primary duty as Recovery and Salvage Officer, and received letters of commendation for his participation in the Polaris Cross-Flow Test Program, the Sealab II Program, and most recently, his efforts in South Wales at Pembroke Dock as the representative for Superintendent of Salvage in the inspection and reactivation of Royal Navy lift craft to be leased to the U.S. Navy, brought him commendation from Commander in Chief,

CWO R. C. Cammer CWO Cammer also retired on thirty years service, having joined the U.S. Navy in December 1935. He served through ty wiich began in September two wars in many areas of the 1935, McCafferty served in ma- world both aboard ship and at various shore bases. In recognition of his services he was combat areas during World presented with the following War II, and the Pacific area medals: American Defense, American Campaign, Asiatiction. He served on various Pacific Campaign, World War men-of-war and support ships. II Victory, Navy Ooccupation with clasp, National Defense, Korean Service, and United

U.S. Naval Forces Europe.

During Cammer's tour as Assistant Sea Operations Officer tensive technical background contributed greatly to the sucing the respect of all the technical civil service project per-Campaign, Asiatic-Pacific Cam- ect requirements in a timely

Chief C. Galik

Chief Galik retires to the Fleet Reserve after service since 1946. His final tour of duty at NOTS was performed in keeping with his long history of exemplary conduct.

Since entering the Navy he had sea duty in the USS LST-1046, USS LST-48, USS General Mitchell (APA-114), USS Andromeda (AKA-45). USS Current (ARS-22), USS Hachiti (ATF-103), SUBGRU TWO, and CINCPACFLT Staff. His shore tours included duty at SEP-CEN; Leido Beach, New York; NAVMAG, Saipan, Mariana Islands, and U.S. Naval Station, Washington, D.C.

In recognition of his services, Chief Galik holds the following medals: National Defense Service, Korean Presidential Unit Citation, Korean Service, China Service, Good Conduct, Navy Occupation with Asia clasp, World War II Victory, Asiatic - Pacific Campaign, and American Theater.

While attached to NOTS, he received the Navy Unit Commendation Ribbon for support of Sealab II. This honor was bestowed for conscientious and capable diving skill which contributed materially to the successful prosecution of Sealab II.

In commendation and appreciation letters from Captain John I. Hardy, ComNOTS, and Captain G. H. Lowe, OinC, Pasadena, the retirees were wished the best of luck, continued success and smooth sailing in their future endeavors.

# **Bus Schedule Is Set During Summer School**

Transportation for children living in Wherry and Capehart Site B housing will be as fol-

7:00 a.m. - Wherry To Murray School (7:30 a.m. classes only-Elective Program). Pickup points: Wherry Office, Prospect & Toro, Sandora &

7:15 a.m. - Capehart - Site B To Murray (7:30 a.m. classes only-Elective Program). Pickup points: Knox Road & Burroughs Ave., Knox Road & Stroop Ave.

7:30 a.m. - Wherry To Murray School (Primary Remedial & Tag Students, pre-2nd and pre-3rd grades). Pick-up points: Wherry Office, Prospect & Toro, Sandora & Dor-

7:45 a.m. — Capehart - Site B To Murray (Primary Remedial & Tag Students, pre-2nd and pre-3rd grades). Pick-up

Black Widow

CANNIBALISTIC - It's not

a pretty sight, and it can

give you as many problems

as any poisonous desert

creature. It's a Black Widow

Spider and her nest of two

cocoon - like egg pods. Each

pod carries at least 200 eggs,

however the baby spiders

are cannibalistic so not too

many reach maturity. This

web was found in a normal

floor drain, but they may be

found in many different

places. There are two easy

ways to determine a Black

Widow and its web without

getting too close. First, the

web has no definite pattern

and second, the spider al-

ways hangs upside down.

Children should not attempt

to kill them, but instead

should notify their parents.

points: Knox Road & Burroughs Ave., Knox Road & Stroop Ave.

8:00 a.m. - Wherry To Murray School. Pick-up points: Wherry Office, Prospect & Toro, Sandora & Dorado.

8:20 a.m. — Capehart - Site B To Murray School. Pick-up points: Knox Road & Burroughs Ave., Knox Road & Stroop Ave.

11:30 a.m. - Murray School To Capehart and Wherry. Return stations: Knox Road & Burroughs Ave., Prospect & Toro, Wherry Office.

12:15 p.m.-Wherry and Capehart to Murray School. Pickup points: Wherry Office. Prospect & Toro, Knox Road & Burroughs Ave.

3:35 p.m. - Murray School To Wherry and Capeharts. Return stations: Knox Road & Burroughs Ave., Prospect & Toro, Wherry Office.

## Lyle E. Freedman First Winner Of **Robinson Award**

Lyle Eric Freedman, Burroughs High School graduate, was the first recipient of the Kenneth H. Robinson Scholarship, sponsored by the Maturango Museum here. He was also first of the many awardwinning June graduates to implement his scholarship. He departed by air promptly after the closing of school for Idaho State University, to register and receive advance briefing.

Kenneth D. Miller, president of the museum board of trustees presented the scholarship at the Burroughs Awards assembly. Young Freedman's scholarship covers a field trip in Hell's Canyon on the Snake River, near the settlement of Halfway, Oregon. Students will camp in the wilds and dig for archeological evidence under the direction of recognized scientists and will receive six college credits.

This year's scholarship committee, appointed by Robinson as administrator, consisted of

(Continued on Page 7)



GONE ARE THE BARS - Earl F. Mouton, Exchange Officer, gets his Lieutenant bars replaced with a LCdr. oak leaf by his wife Donna as Capt. John I. Hardy, ComNOTS extends his congratulations. LCdr. Mouton reported to NOTS on April 1964 from the USS Edson.



RECEIVES 30 YEAR PIN — Charles E. Roulund, Machinist Maintenance man was recently awarded a 30 year service pin by Capt. H. J. Hartman, Public Works Officer.

# **Public Is Invited** To Museum Meet **Wednesday Nite**

Dr. Pierre St. Amand, authority on earthquakes and related geology, and head of the Earth and Planetary Sciences Division of the NOTS Research Department, will speak on glaciation in the High Sierras at an open meeting sponsored by the Maturango Museum in the Weapons Exhibit Center at 7:30 p.m. on Wednesday, July 13.

#### Overnight Trip Planned

Dr. St. Amand's address is also a prelude to an overnight field trip he will lead the following weekend. He has chosen the glaciation areas above Mammoth Lake for demonstrating glacial and volcanic action and their interrelation, for museum members and their guests. His talk will center on geological features bearing on the formation of glaciers in the mountains above Mammoth and Bridgeport Summit, with reference to similar phenomena in the nearby Sierra high-

The public is invited to participate in the exposition. Gate passes for off-station visitors will be endorsed by museum officers at the meeting.

#### Bird Egg Exhibit

Anyone who has not yet viewed the new exhibit of birds' eggs - ranging from ostrich to hummingbird — in the Visitors' Center is urged to come early and stay late. With ornithology expert Donald W. Moore as technical advisor, Curator Alice Dubin has arranged a display table showing the eggs of California birds mostly local or locally migratory - in their characteristic nests. Labels documented by Moore refer to each bird's habits and habitat.

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

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Wed., July 13, from 9 a.m. to 4 p.m. in the Community Center, announces Austin Ross, Employee Management Relations Division Head.



APPRENTICES BECOME JOURNEYMEN — At graduation ceremonies, these men completed apprentice instruction and became journeymen plumbers, machinists, electricians and electronic workers. In back rows are (I-r) Dale Asbury, Bob Cram, Jesus Young, Ralph Cox, Charlie Smith, Paul Some-

son Jr., Gary Maxwell, Roger Hattrup, Loren Chadwick, Milton Cares, Ronald Pettit, Harold Fessler, Robert Franks, Gail Stiles, Jackie Brown and Harold Howard. In front (I-r) are Curtis Murray, Aaron Scheer, Jack Murray, George Teate, Ronald Snyder, Charlie Beach and Richard Hart. EDITORIAL

Write Right Now!

"I know that when my Country calls I must go. For each

Technical Sergeant Gerard R. Eder, USAF, wrote the above

And now it's time for the 1966 Freedoms Foundation Let-

Defending

ter Awards Program. The official "kickoff" is July 1, 1966.

As a serviceman or woman on active duty, YOU are includ-

Here are the simple rules. The subject this year is: "Defend-

ed in this program. YOU TOO can win a cash prize and a trip

ing Freedom Safeguards America." Write or type no more than

500 words on this subject using only one side of the paper. Be

sure to print or type your name, rank, military address and

home address. Mail entries to Freedoms Foundation, Valley

more of \$50. Runners-up will receive the George Washington

pendent, nonprofit organization not affiliated with any sectar-

ian religious group or political party, dedicated to creating

and building an understanding of the spirit and philosophy of

The top award is \$1,000. There are 50 awards of \$100, 50

What is Freedoms Foundation? Basically, it is an inde-

Forge, Pa., 19481. The deadline is Nov. 1, 1966.

the Constitution and the Bill or Rights . . . (AFNB)

Honor Medal or Honor Certificate.

Freedom

Safeguards

America"

time the aggressor stalks the weak, and goes unchallenged, the

hobnailed boot of oppression treads one step closer to me and

lines. They were included in his 500-word letter. "I Am An

American," to Freedoms Foundation last year. He collected

\$1,000 for his winning letter.

to Valley Forge, Pa.

### CHAPLAIN'S MESSAGE

# Learning To Love



By CHAPLAIN THOMAS D. BOND

The greatest and most glorious of all the potentials in the make-up of man and the holiest of all opportunities open to him is his ability to love and be loved. And because it is so precious and so profound and so heavenly, it is more worthy of sustained, reverent, disciplined and intelligent pursuit than any other value or goal.

#### MORE FRUITFUL TO FORGIVE AND FORGET

Because it is of God and because whosoever loves warmly, unselfishly and intelligently is born of God and knows God, nothing else under heaven is more deserving of earnest study and sustained practice. In no endeavor is it more important or more rewarding to get up and start again after falling. In no undertaking is it more fruitful to forgive and forget each time one is set back. In no pursuit can one more efficiently move on to higher and holier levels after disciplined attempts to learn in lower and simpler ways.

Most of us are inclined to regard our present state as better and healthier than it really is and to underestimate our capacity and ability for future bliss. Christianity, on the other hand, regards our present state as much lower and less acceptable than we are ready to admit while its concept of our future potential and destiny is much higher than we dare to

We tend to overestimate our ability to love and to accept love and to doubt our ability to grow greatly or to emerge finally into greater fulfillment by the grace of God. Christianity, on the other hand, implies that we were made for eventual fulfillment in love and directs us to love with all our hearts and minds and wills and to expect growth and enrichment.

#### TO BE THOUGHT IN TERMS OF DEDICATION

But when it comes to loving God we must admit there are problems. I imagine many of us have shared that uncomfortable feeling of inadequacy and even of guilt when we hear the commandment to love God with all our heart and with all our strength and with all our mind. I have to stop and think it through at such times. It is to a large degree a matter of the intellect and of arranging values.

Certainly it seems to me that we cannot think of loving God in terms of emotional excitement or of the kind of sentiment associated with love among human beings. For me it must be thought of in terms of dedication to His will and commandments, seeking to put them first in my affection, or, to use the words of St. Paul, "setting my affection on things above." Love for God can be discovered in loving our brethren for our religion interweaves the two kinds of love inextricably.

#### EXPRESSED IN ACTION, DEEDS AND WORDS

Love can be learned. It can be willed to a considerable degree. It can be practiced and expressed in actions and deeds and words. Love feeds on its own self - expression. Love is to a great extent what we do rather than what we feel. The feelings grow out of the soil of doing. And when the feelings wilt or fade, then doing is all the more important and all the more effective in restoring health and bloom once more to the feel-

And so we are called to be instant and persevering in kindness, courtesy, appreciation and service; in reverence, devotion, worship and praise. And as we go through these motions with zealous hope for learning and with earnest prayer for growth of skill and capacity in loving and accepting love, the wondrous gift is given indeed and the main purpose of living is being served. And we learn little by little something of love for God as we become increasingly adept at learning how

DIVINE

Christian Science (Chapel Annex)-

Roman Catholic (All Faith Chapel)-

Holy Mass-7, 9:30 a.m., and 12:30 p.m.

Chapel)—8 p.m. every first and

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

Morning Service—11 a.m. Sunday School—9:30 a.m.

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

Capt. John 1. Hardy, USN Station Commander "J." Bibby Public Affairs Officer Joan Raber News Bureau

Frederick L. Richards Staff Writers David L. Kimsey John R. McCabe

Staff Photographers

Jerry Williams, PH1; Robert Hancock, PH2;

Jerry Willey, PHAN, and Ralph Robey,
PH2 (Pasadena). Daily Mass-11:30 a.m. in Blessed Sacra-Confessions-7 to 8:00 p.m. Saturday

Tuesday, 4:30 p.m. Tuesday, 11:30 a.m. Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified.
Printed weekly with appropriated funds in ce with NavExos P-35, revised July 



ervisory Supply Clerk, GS-5, C o d e 2575 — Position is that of supervisor of the Purchase Material Section, Receipt Control Branch, Control Division of the Supply Department. Maintains contract and open or-der files in conjunction with Pasadena Purhase paperwork and local Blank Purchase Agreements. Verifies invoices for pay ment by Navy Regional Finance Office for all BPA purchases. Qualifications: One and one half years experience in general office-clerical duties plus one and one-half years progressively responsible experience in sup-ply work or a closely related activity which has provided the applicant with the re-quired clerical - supply knowledges.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218.

Automotive Equipment Serviceman, JD No. 142-1, Code 707 — Performs semi-skilled work in connection with the mainten-ance and servicing of transportation equipnent. This includes servicing vehicles with uel, oil, water, air and anti-freeze; changing and repairing tires and tubes; lubricating equipment, servicing and charging bat-teries; checking brakes, spark plugs, fan belts, steam cleaning and miscellaneous du-

File applications for above with D or a Childers, Bldg. 34, Rm. 34, Phone 71393. Administrative Officer or Aid, GS-00301-7-11, Code 45 — This position is located in the Propulsion Development Department. The incumbent will assume the administra-tive duties of a major program or of a di-vision involved in the research and development of major weapon systems. Bachelor's degree or higher (or equivalent formal ed-

File application for above with Evelyn Moors, Bldg. 34, Rm. 26, Phone 71648. Sociologist or Psychologist, GS-13, Code 172 — To conduct research and serve as consultant to line supervisors relative to effective operation of research and develop-ment. Emphasis on behavioral phenomena including performance and attitudes of in-dividuals, inter- and intra-group processes,

organizational structures and environment.
File application for above with Sherry
Scheer, Bldg. 34, Rm. 26, Phone 71577.
Clerk Typist, GS-3 or 4, Code 1200 —
Types reports and technical material from rough drafts, types reproduction masters, required. One year general office - clerical

es is required. Mechanical Engineer, GS-12 or 13, Code 4007 — Position is that of Flight Test Coordinator for the Chaparral Program. Responsible for the planning, conducting and evaluation of a flight test program for Chaparral. Requirements: A degree in Engineering with 3 or more years of progressive and responsible experience with Engineering or a related field.

File application for above with Sandi Craig, Personnel Bldg., Rm. 28, Phone 72676.

and Control), G5-9, PD No. 355048 - Incumbent is responsible for identifying and recting design deficiencies and for in corporating production changes in the documentation of the inertial systems compo-nents of guided missile. The devises which may be assigned to his cognizance include, but are not limited to gimbals, rollerons, gyroscopes, gyro - telescopes, accelerome ers, and complete missile seeker units. File application for above with Loretta Dudley, Bldg. 34, Rm. 34, Phone 71514.

lline for filing: July 15, 1966.
COMPETITIVE EXAMS

ent No. 5 to Annet. No. SF-20-3 (64), Clerk Typist, Stenographer & DMT— The purpose of this amendment is to lift the suspensions on the above examination Applications for these positions will be accepted until further notice. See the origina

## **Astronomy Group To Feature Films** At Next Meeting

Two short films are scheduled to be shown at the next meeting of the China Lake Astronomical Society, Monday, July 11 at 7:30 p.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-The basic types of telescopes and the motions of multiplestar systems are described in "Exploring the Universe." The locations of 23 familiar stars and constellations are reviewed in "Star Identification."

Interested persons are invit- Keyes-I, the King. NOTS Jewish Services (East Wing All Faith ed to view these films and to Knox-Devilweed. discuss recent astronomical ev- Lessing-African Stories. ents. The meeting is to be held at 401 McIntire Street. This meeting will also be the last chance to sign up for the trip to Pinon Point on July 16.

Gordon-Who Has the Answer?

is available in the library.

Stories Hill-Rafe. Lowry-Under the Volcano. Smith-A Second Chance. Tobino-The Underground.

Nathan—The Mallot Diaries.

Non-Fiction Carter-Breakthrough; the Sage of Jonas Salk.

Hulse-The Nevada Ad-

Raskin-The Viet Nam Reader.

Casey! cycles of the World. Csoka-Pastel Painting Doctor X-Intern.

Rooms\_ Munz—California Mountain Wildflowers.



NEW TYPE UNIFORM - The NOTS General Mess galley staff show off their new "professional type" uniforms. The new uniforms are the same style as those worn by chefs in the best restaurants, hotels and clubs. The new uniforms will be worn for formal occasions and special meals. Several special meals have been planned so far for this quarter including a "Trout and Egg Breakfast" and a "Lobster ala NOTS Lunch."

### STATION LIBRARY LISTS NEW BOOKS

A complete list of new books

venture. Aymar-A Treasury of Sea

Nelson-The Small Wonder.

Allen-Now Wait a Minute, Clymer-A Treasury of Motor-

Gordon-The Future. Hunter-The House of Many



DAZZLING DISPLAY—China Lake takes a back seat to no community when it comes to a Fourth of July fireworks display. Young and old alike were impressed by the color-

Friday, July 8, 1966

ful display that lasted nearly half an hour. The firing was handled by Code 4543 and was sponsored by the China Lake Little League. Firing was at Mirror Lake.



FIRST PROMOTIONS IN JUDO CLUB — Three members of the China Lake Judo Club were the first to receive promotions to a higher belt rank. Two received the Brown Belt and one received the Green Belt. Shown receiving their Brown Belt awards from Club President Karl H. Masters are Gary D. Gilbert, left, and Larry Mather. Not shown in the picture is Cleve Griffin who received his green belt. There are four different judo belts, yellow, green, brown and black, with several degrees in each.

## First Winner Of Robinson Award

(Continued from Page 3)

Dr. Pierre St. Amand, museum trustee; Mrs. Roderick Mc-Clung. AAUW executive for the "distaff side;" and Lloyd Lundstrom, Burroughs Vice- as a continuing fund, in recog-Principal.

Speaking for the committee, Dr. St. Amand declared that all applicants were highly qualified, and the choice was difficult, but that Freedman had been selected because he show-

ed the most interest in the fields of study the scholarship is intended to foster.

nition of Robinson's outstanding services to the museum, Miller stated. A leader in the "founding group," Robinson is a past president of the board. and is serving his third year as director.

The award was established

# **Gun Club Members Hold High-Power** Rifle Match

Nine riflemen and four coaches turned out for The Sierra Desert Gun Club's June monthly high - power rifle match held recently, as a part of the club's marksmanship training program.

The program is encouraged and supported by the United States Army through The National Board For The Promotion of Rifle Practice and the Director of Civilian Marksman-

Under this program the Army furnishes the club a maximum of eight M1 rifles and a limited amount of ammunition, determined by the number of civilian club members firing for qualification the previous

The high score of the day was fired by Phil Nelson with a 199-8V out of a possible 210-42V. The top score in the expert class was 195-7V, fired by Leandro Cunningham, however, his score cannot be used to qualify for next year's ammunition since he is a member of the armed forces. Gerald Hewett turned in the winning performance in the sharpshooter class when he posted a 166-2V.

All firing in this match was conducted from the 200 yard line of the NOTS rifle range. The match was one of approximately six iron - sight events fired each year that can lead to the qualification of club members as marksman, sharpshooter, or expert riflemen by

### **Outline Investment** Advantages Of Series E Bonds

A notice was recently pub-Question: Are Savings Bonds lished concerning the closing of the Commissary Store and Answer: They are backed by

the full faith and credit of as safe as America itself. In most important quality of Savings Bonds. Question: Are these bonds sub-

Answer: Series E Bonds are

sold at a discount; for ex-

ample, a \$100 bond costs

six months and adds to the

cash value. At maturity in

7 years the bond reaches

face value. This provides an

average annual investment

vield of 4.15 percent com-

Answer: Any bonds lost, stol-

without charge.

en or destroyed are replaced

pounded semi-annually.

couraged to attend. ject to market fluctuation? The interviews will be held Answer: No. You never redeem a Savings Bond for fewer on July 15 from 9 to 11 a.m. in the Community Center on dollars than you invested. Station and from 1 to 3:30 p.m. You don't have to refer to at the Chamber of Commerce the market pages to see what they are worth. They Building, Ridgecrest.

For package boys only, inincrease in dollar value every six months and you 14 in the Community Center know in advance exactly from 2:30 to 4:30 p.m. what that value will be. Openings will be available in Question: What is the yield?

### **GEBA Assessment** No. 112 Now Due

all departments.

As an additional step in the

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that assessments No. 112 and No. 40 are now due.

Question: Is it possible that Assessments have been levrate might be lowered? ied due to the death of Emery Answer: Not after the bond Gale Smith, a Public Works, has been issued. The bond Range Maintenance Division is a long-term contract and employee who succumbed the U.S. Treasury guaran-Mon. July 4, of a lengthy illtees the rate. ness at Long Pine Hospital. Question: What if bonds are

Payments of \$1.20 may be mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw. China Lake.

LT. GUY M. HOUSTON JR. is a new man in VX-5's Operations Department, arriving at NOTS in June from the Postgraduate School in Monterey. He brings his wife Sandra and children Cynthia, 4, Douglas, 1, and Lori, 2 mo., to their new home at 408-B Forrestal, to change to 1803-A Young Circle in mid-July. Lt. Houston, a native of New Albany, Miss., was graduated from Annapolis in 1958 and has served recently with VA-155 based at Lemoore. He is an avid participant in outdoor sports, and enjoys private flying.

## **No Close Scores By Softball Teams During Past Week**

The first week into the second half of the season still finds the Engineers at the top of the heap of the China Lake softball teams.

There was plenty of action the U.S. Government and are this week with two games being played each night on Mona recent survey, thousands day, Tuesday and Wednesday, of buyers rated safety as the but all six games were pretty lopsided. It went like this:

> On Monday the Sidewinders took the Saints 8 to 4 and the Engineers waxed VX-5 in a real pitcher's duel, 14 to 0.

Tuesday looked about the same when the Tigers clobbered the Scramblers 14 to 4 and the Sidewinders fell to the Engineers with a score of 8 to

Wednesday still didn't offer any close ones as the Scramblers aced out VX-5 11 to 6 and the bottom of the pile Saints lost to the Tigers 6 to 3.

Team standings as of Tues-\$75. Interest accrues every day, July 5, are:

W	ON	LOST
Engineers	11	1
Sidewinders	7	5
Tigers	7	5
Scramblers	6	6
VX-5	3	9
Saints	2	10
37 1 1 17 7		

Next week the Scramblers meet the Saints and the Tigers take on the Sidewinders on Monday. Tuesday will see the Scramblers and Engineers doing battle along with VX-5 and the Saints. Wednesday will show off the Scramblers and Sidewinders as well as the Engineers and Saints. First game at 6:30, the second at 8:30 at the Beer Hut Diamond.