Page Four

THE ROCKETEER

Friday, April 14, 1961



TECHNICAL LIBRARY-Michelson Lab's Technical Library services the needs of all personnel from the secretary to the scientist with tinuing self-education through readmore than 2,000 magazines, scientific documents and technical reports. ing can prepare Americans to exer-



BHS LIBRARY-Freshman class at Burroughs High School does research work on the ancient civilizations of China, Japan, India, Mexico, etc., to supplement the class taxt books for class reports.

NOTS Scientists ... USED BOOK SALE

(Continued from Page 1) work with porpoises in his paper American Association of Univer-"Project Notty." Rehman has "made extensive hydrodynamic, book sale next Friday, April 14, in and behavior studies of sea mammals

"Recent Hydrodynamics Research Fabula with Howard R. Kelly of The popular pocketbook editions the Weapons Development Depart- will also be available. ment and J. E. Waugh of the Un- Prices will generally be under \$1 derwater Ordnance Department.

T. G. Lang who has specialized in the as 25 cents. boundry layer control, hydrofoils, and sea animal locomotion, will present a paper on "Investigations WACOM Prepares of Torpedo Drag Reduction."

kens will describe "Oceanography

Straits of Florida. Firth Pierce's paper will deal with "NOTS Deep Research Vehi-cle." He served NOTS as a consult-ant in 1956 and in 1958 joined the Oceanic Research Division. He has applied for 14 patents pertaining to his field. Straits of Florida. The theme "Camellia Ball." The dinner and dance affair, to be held tomorrow evening, is open to all members and their guests. Reservations are necessary and tickets are available at the Club office. This month's "Hail and Ferrore his field. State of Florida. Selection of reading and reference material. Students also learn the basic steps of librarianship and earn credits by instruction and applica-tion of methods. Received this week just in time for NLW was a 15-volume McGraw-Hill Encyclored to for the form Page 1) firing. his field.

A long time NOTS employee with Larry W. Nichols will be the only ored, has been scheduled for Frithe Aviation Ordnance Department, AOD man presenting a paper at the symposium. His title is "The Design and Performance of an Infrared Spectral Radiometer."

UCLA Tuition Refund Checks Have Arrived

keived by the Education Office early this week for most of the UCLA classes conducted during the 1960 fall semester. It is expected that all checks will be available today.

Students who are eligible for tuition refunds may call for them at the Education Office, Room 1004, Michelson Lab.

The China Lake Branch of the sale will be held from 10 a.m.

through 6 p.m. The large assortment of books



well Party" at which new and de- Technology. parting Club members will be honday, April 28.

I'm interrupting."

Inject laughter into tense situations to save the day; laughter

and the second	TEMPERATURE		
When you feel	Max.M		
ike criticizing the	April 7 72		
ounger genera-	April 8 76		
	April 9 79		
ion, just remem-	April 10 76		
per who raised	April 11 80		
hem.	April 12 78		
	April 13 76		

Libraries at NOTS Service All Levels

The fourth annual National Library Week, celebrated April 16-22, is a movement to focus attention on the vital and unique role of the printed word in our national life.

During the coming week, all miliary activities and civilian communities, large and small, will stress the value of reading and greater use of libraries of all kinds for everyone.

The goal is "a better-read, betternformed America." The week is not an end in itself. It is a focal of many groups.

Since learning has risen in the national scale of values, reading and libraries have assumed a new importance. Only a lifetime of concise responsible citizenship with understanding of themselves and oday's complex world.

Only a "better-read, better-informed America" can take the reins of leadership with a firm sense of ourpose and the intellectual compeence to seek out goals that enrich ife and preserve freedom.

The four libraries at NOTS provide residents of all ages with failities to satisfy all levels of reader nterest.

Station Library

The Station Library is open to all NOTS employees and their dependents seven days a week. It handles a collection of 20,000 volumes, subscribes to 97 magazines, 15 newsage annual circulation of 73,000.

dded each year, and the library services an average of 35 interlibrary loan requests per week. A ogy to its collection.

son Laboratory administers to the needs of those professionals requiring reference services relating to tific documents and technical rephysiologic, accoustic, propulsion front of the Navy Exchange. The ports, the library subscribes to more about 60,000 books annually.

During the past year, the library at the Naval Ordnance Test Sta- will include everything from the has improved its service by installtion" will be recapped by A. G. scientific to works of light fiction. ing a Flexowriter to prepare the government and industrial installacatalog cards for both the China tions was Jack Sherman, Head of Lake and Pasadena libraries. A the Explosives Applications Branch book jacket display was inaugur- in the Propulsion Development Dewith many items selling for as lit- ated during last year's NLW and partment. He was assisted by has been maintained ever since in Charles Falterman of the Explosthe North Lobby of Michelson Lab. ives Research Branch. The library also issues a seminonthly list of new books received.

Burroughs.. High Library Oceanographer Dr. M. P. Wenne-tens will describe "Oceanography nd Naval Underwater Banges" in The Burroughs High Sci kens will describe "Oceanography and Naval Underwater Ranges" in the paper he will present at the symposium. His outstanding work has been in the hydrography of the Straits of Florida. Members of the Women's Auxili-ary of the Commissioned Officers the Spring Formal in keeping with the theme "Camellia Ball." Members of the Women's Auxili-ary of the Commissioned Officers the Spring Formal in keeping with the theme "Camellia Ball."

Murray School Library

papers.

Pasadena

25,000 scientific and technical re- sile Command. which exceeds 1,000 items.

lena holdings is maintained.



point of a long-range, year-round STATION LIBRARY-All Station employees and their dependents have effort through continuing activities access to the Station Library seven days a week. Recently added to its collection is a 15-volume McGraw-Hill Encyclopedia of Science.



papers, and administers to an aver- MURRAY LIBRARY-Sixth grade pupils use the Murray Junior High School library during their weekly free-reading period. Its collection Approximately 1,000 volumes are of books and magazines also includes audio-visual material.

few weeks ago, the library added the new 15-volume McGraw-Hill En-cyclopedia of Science and Technol-The Technical Library The Technical Library in Michel-son Laboratory administers to the

A civilian team of Army-Navy representatives retheir work. In addition to scien- ported to NOTS this week in the role of a steering committee to discuss problems and techniques in pressing of than 2,000 magazines and circulates explosives. The three-day conference was concluded yesterday.

Receiving the seventeen-member entourage which represented seven Second Conference

The group, which is comparatively new, is gathering for its second conference-the first was hosted by the

Stops on the return trip will take tinny Arsenal at Dover, New Jersey, the organizational concepts for Red-

nals. It subscribes to over 300 jour- April 25 in Washington, D.C. where nals and has a monthly circulation he will be greeted by the Honorable Teacher: Just think, the light we Russell L. Gilpatric, Deputy Secre- need comes all the way from the Requested material not on hand tary of Defense, who has arranged sun at a speed of 186,000 miles per can be ordered or borrowed from for discussions with officials from second! Iisn't that unbelievable? the China Lake Libraries. A union the Departments of Defense and Unimpressed youngster: Aw, I catalog of all China Lake and Pasa- State prior to his departure to Ger- dunno, after all, it's downhill all 'many.



Jack Sherman

the Army Ordnance Corps at Picathem to Fort Bliss, Texas, to view to exchange information in the explosives pressing field relative to recent innovations in ordnance.

Activities represented at this nette, "it's two people talking when books and, additionally, subscribes Defense Center Headquarters will Spring, Maryland, Picatinny Arsenal The longest stopover planned is Scientific Laboratory in New Mexfour days in Florida. Calls are ico, Lawrence Radiation Laboratory tions to save the day; laughter calms tempers and soothes jangled nerves. HOTS, Fasadena Technica in ter at Cape Canaveral, the Martin ing last April, now houses around Co., and the Army Ordnance Mis-and the DuPont Eastern Laboratory at Gibbstown, New Jersey.

the way.

Capt. Hess incurred severe burns and other injuries when his plane pancaked into the desert and was demolished. Following the crash he was taken to the George Air Force Hospital and Saturday morning flown to the Texas hospital by an Air Force "Burn Team." Accompanying the injured pilot on the flight were his parents, Mr. and Mrs. Asahell B. Hess of Spokane, Wash.

When notified of their son's accident the parents flew from Spokane to Los Angeles where they were met at the International Airport by Capt. Hal W. Vincent, a fellow officer of their son, and driven to the George Air Force Base Friday evening. The 31-year-old flyer was preparing to return the F-104 to the Naval Air Facility here when he crashed. Cause of the accident is being investigated.



the Track Symposium during his visit.

Due Here Tomorrow

them at the above office.

til May 1.

NOTS Commander, Capt. W. W. Hollister, has announced his impending retirement from the Navy. strated. Of special interest this Change of Command ceremonies are presently scheduled for June 1. Capt. Charles Blenman, Jr., the new Commander, will come aboard desert which has been a focal point during the latter part of May. He of the Wildflower Shows for the is currently Chief of Staff to Com-mander, Operational Test and her contributions.

Evaluation Force at Norfolk, Vir- Another noteworthy feature this

ginia nia area.

The Murray Junior High School eye and Mauler, and observe train-Library handles all the instructional ing of German personnel. A visit materials used in the school pro- to the White Sands Missile Range, meeting were: U.S. Naval Weapons "If there's anything I can't gram, including audio-visual ma- where a firing of Sergeant is plan- Station at Yorktown, Va., Naval stand," said the blonde to the bru- terial. It has a collection of 18,000 ned, and a briefing at the Army Air Ordnance Laboratory at Silver

to various magazines and news- complete the southwest tour. NOTS, Pasadena Technical Li- scheduled at the Missile Test Cen-at Livermore, Calif., Pantex Ord-

ports, 7,500 books and bound jour- The tour will be concluded on

Injured Marine Pilot Flown To Brooke Army Hospital

Force Base last Friday morning is hours of flight time. Houston, San Antonio, Texas.

Capt. Hess reported aboard the Station last November from the Naval Air Station at Patuxent River, Maryland. He was assigned to

Marine pilot Capt. David L. Hess, the Air-to-Air Weapons Division of who was seriously injured when the Weapons Development Departhis F-104 jet fighter crashed short- ment as a Sidewinder project pilot ly after takeoff at George Air Capt. Hess has logged over 2,000 recuperating satisfactorily at the An Annapolis graduate, he joined

Brooke Army Hospital, Ft. Sam the Marine Corps in June 1954



Capt. David L. Hess

Vol. XVII, No. 15 NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA Fri., Apr. 14, 1961 Germany's Defense Sixteen NOTS Scientists Head Plans Brief To Speak at Symposium

NOTS has been chosen as one of A new precedent will be set next week when 16 of 12 agencies to host a facilities tour for the Federal Republic of Ger-many's State Secretary of Defense, The Honorable Volkmar Hopf. His visit to the United States was ar- at the U. S. Naval Academy, Annapolis, Md., April 18, 19 ranged through the Department of and 20. It is believed that this constitutes a record reprethe Army, which has been desigsentation from one activity.

A two-hour China Lake stop is Sharing the spotlight before 400 Vibrationally Excited Molecules." the fifth activity on his itinerary tists during the three-day meet will Gordon in 1951. which covers commands and in- be thirteen men from the Research "Cathode-Ray Polarography, a This Station was advised by the ment.

ROCKETEER

PHONES 71354, 72082, 71655

BUDD GOTT, EDITOR

nated Host Service.

expense of formal briefings

Orientation

USA.

quarters.

Intelligence, that the scope of inter- Pasadena acted as hosts for the Death Valley and Saline Valley. est indicated by the foreign digni- Office of Naval Research for the Dr. W. F. Koehler, who heads taries rested within the operation Symposium when it was held at the the Physics Div., will report on the of certain missile systems. Al- Huntington-Sheraton Hotel in Pa- "State of Solid Research at NOTS." though both Staff mebers speak sadena. The only repeat NOTS Koehler has been at NOTS since English and the Tour Director scientist to appear at the Anna- 1951. He has taught at the Naval speaks German, Hopf stated a pref- palis meet will be Larry W. Nichols Academy, John Hopkins University, erence for inspection tours at the of AOD.

Purpose of the symposium is to permit scientists at various govern-In compliance, his extensive trip ment laboratories to develop a closromises to be a continuing rapid er understanding of what each or- ployee who is now at the Pacific orientation at each activity. The ganization is doing in research and early portion of his trip is sched- development.

uled for conferences with officials | Personnel of the Chemistry Difrom the First Army, Fifth Army, vision who will present papers at for the symposium members NOTS and Strategic Air Command Head- the symposium are the following:

Dr. Donald S. Villars, a well Departing from Bolling Air Force known authority in his field, will Base, he starts his first leg of West present a paper titled "An Equation State Science Fair Coast travel at International Air- of State of Gaseous Metallic Plasport where he will be met by the mas." Villars came to NOTS in Commanding Officer of the Los An- 1948. He received his Ph.D. at Ohio Results Announced port where he will be met by the mas." Villars came to NOTS in geles Ordnance District. Inspection State.

of industrial plants in that area are "Navy Contributions to Liquid set at the Lockheed Aircraft Corp. and Solid Propellant Chemistry' in Burbank, and Convair Division will be reviewed by Dr. Ronald A. DOD VISITOR-Robert T. Russell (1) listens as Harold Metcalf, Tech. The boys were accompanied by Henry. Dr. Henry was the recipi-Asst. to the Assoc. Tech. Director, explains how NOTS contributes to at Pomona, where he will observe ent of last year's Dr. L. T. E. the Fleet's needs. Here from the Office of the Director of Aeronau-tics, Russell received a complete rundown of the Station's facilities in Mauler. His tour at NOTS achievement.

from Metcalf, Capt. T. A. Grell, W. E. Vore, M. J. Curtis, Foy McCul- was planned to further round out Dr. Carl A. Heller and Dr. Alvin lough, and L. G. Garman. He also sandwiched in several sessions of his background with a Redeye test S. Gordon will present their paper on "Unimolecular Decomposition of

scheduled next Tuesday, and will be of the nation's outstanding scien- | Heller came to NOTS in 1952 and

OFFICE, HOUSING BLDG., TOP DECK

stallations from coast to coast. Department, six of whom are from New Tool in Chemical Oceano-The distinguished guest will be the Chemistry Division, and six graphy" is the title of the paper to accompanied by two members of from Oceanic Research Division, be presented by Gerald C. Whithis staff, Major Rudolf Dzialas, and and one each from the Aviation nack and Oceanic Research Divi-Lt. Col. Hans Straden, and Tour Di- Ordnance Department, the Weap- sion's O. W. Lombardi. Whitnack rector Lt. Col. Carlton S. Johnson, ons Development Department, and represented NOTS at the Modern the Underwater Ordnance Depart- Electrochemical Symposium in Paris in 1957. Lombardi is the author Army's Assistant Chief of Staff for Last year NOTS China Lake and of a study dealing with salines of

and Punahou Academy.

"Transient Temperatures" will be presented by Dr. C. J. Thorne, a former mathematics division em-Missile Range. Oceanic Div. Papers

Dr. Irving Rehman will recount (Continued on Page 4)

Results of the State Science Fair held in Fresno this week for high school science and mathematics students have been announced by John Trent, chairman of the Department of Mathematics and Science at Burroughs High School.

Local high school winners in the Kern County Invitational Science Fair held at Bakersfield last week competed at the state level this week and emerged with a significant share of awards.

Jeff Besser, sweepstakes winner at the county level, received a \$50 bond for second place in the boys division, and a \$25 award from the Regional American Chemical Society for the best chemistry project.

David Sherlock, Brenda Harney

Val Montegrande, the fifth awardee, received a Certificate of Merit for his entry. None of the local winners are eligible to compete at the National Science Fair in Kansas City next month.

Pearson Presents Lecture Series At National Seminar

John Pearson, Head of the Detonation Physics Group in the Research Department, presented a series of three invited papers at the National Seminar and Conference on High Energy Rate Metal Form-

The conference, sponsored by the American Society of Tool and Manufacturing Engineers, was held in Philadelphia last month. Subjects covered by Pearson were "Explosive Welding," "Metal Cutting With Explosives," and "The Explosive Compaction of Powders."

These technical areas, which are attracting large national interest

Kern Tax Assessor Final Preparations in Full Swing For Kern County Assessor Herbert 17th Annual Desert Wild Flower Show

(Continued on Page 4)

Roberts reminded veterans this

Those who need forms may obtain surrounding desert.

Consultation is also available at

Capt. W. W. Hollister **Announces Retirement**

Stage Show Cancelled

filing annual exemption forms. ing the spring flowers in the

Earliest known efforts were inithe above address every Wednes-day afternoon from 1 to 5 p.m. unclose friends. Although the Carrs are both in their late seventies, they still participate by providing maps of the area where most flowers can be found.

Each year, additional displays of natural desert beauty are demon-

year will be the Oasis Club exhi-Capt. Hollister says he will make bit on patio landscaping with nahis home in the Southern Califor-lia area mals, lizards, etc. to delight the children, young and old.

A movie and slides of wild flow-The Stage Show which was ers in their natural settings will be



THREE GENERATIONS-Flower arranging is a family project for scheduled for next Monday night shown. Wandering musicians will (l-r) Mora Sutherland, daughter Genevieve Allen, and granddaughter for commercial and military appliat the Station Theatre has been punctuate the program with inter- Barbara Allen as they work on their exhibit for the Desert Wild- cations, were all pioneered at this cancelled, according to Ed Snearly. vals of folk music throughout the flower Show to be held next weekend in the Community Center.

tion



Page Two

What's Doing In Recreation

Cast for Adult Dance

alities will perform excerpts from standing musical event!

Jean Larsen will narrate, pro- over are invited to attend. Admis-

Catalina Information

Information on Catalina Island

the Community Center recep-

Commerce of this famous Pacific

ball and water carnival.

Sailors Cribbage Champs

A record crowd of fifty-four

players participated in this month's

Cribbage tournament at the Com-

munity Center. Out of this field of

top notch Cribbage players, Ace

Valenzuela, AO1, and Andy An-

ders, AO1, both from NAF emerg-

ed as winners. Vying this winning will meet Monday, April 17, at the

my Thomas, OINCC Inspection. Audrey Gray review "Summerhill"

The new champs were awarded by A. S. Neill, and briefly highlight

individual trophies and their names "The Child Buyer" by John Hersey.

Community Center.

pions plaque

nist center. The Chamber of

viding continuity to story and song. sion is 75 cents per person.

THE ROCKETEER

Babe Ruth League Sterling Entertainment 'Batter Up' Meeting Slated For Sunday

The China Lake Babe Ruth League will launch its 1961 activities with a "Batter Up" meeting to be held this Sunday at 2 p.m. in the Community Center. All inter-The adult Station dance being held at the Community ested persons are invited. Center tonight promises to be an evening of music you'll Two motion pictures dealing with long remember. For your listening pleasure, local person- Babe Ruth League events will be

shown. One will be a 30-minute color film on the '58 BRL World Meredith Willson's famous Broad- | Dancing to the music of Wally Series played at Vancouver, B.C. way musical "The Music Man." Webb will begin at 9 p.m. In addi-Featured songs will include "Lida tion to his five music men, he is The second, entitled "Play Ball Rose," "Goodnight My Someone," also bringing vocalist Rosa Bonay. Son," covers instructions on the various skills of the diamond and "Pick-A-Little, Talk-A-Little," "Till This group is sure to delight those There Was You," and "Seventy Six who enjoy dancing to good music. vital tips on how to play each posi-All personnel 21 years old and tion.

Introductions

The local 1960 All Stars will be introduced at the meeting, accordchampion Cardinals. This year's sponsors include:

Cardinals Reds Supply Dept Cubs . CPO Clui

7 p.m. (Wor Dramo) Marine is discharged from WW II Manila hospital after loss of a hand. After a night of revelux he cost a buddy to 0 n Annual 28-29-30 This three-day 0 n Annual Meeting Applications, available at the The annual dinner meeting of the schools, must be completed and re- Desert Area Family Counseling ed last year are not required to 1960. tryout, but they must again submit an application this year.

Meetings...

AAUW Book Review Study Group

DESERT ART LEAGUE mem-



Friday, April 14, 1961

Promotional

Opportunities

Present Station employees are encouraged

ons should be accompanied by a

to apply for the positions listed below,

up-to-date Form 58. The fact that positions

are advertised here does not preclude the

Clerk (Typing) GS-5, PD No. 28787, Code

301. Project Engineering Division Secretary

st Department. Incumbent's duties consi

of a variety of secretarial, clerical and ad

ministrative functions including personnel, con

p/h, Code 255. Performs a number of tasks

age or issue of supplies, receives, checks

upply system, procedure and methods.

connection with the physical receipt, stor-

ows, counts, issues and assembles supplie

f all types in accordance with established

Ordnance Worker or Ordnanceman, Tes

/h minimum, Code 30, six months experience

Four Machinists, \$2.93 to \$3.17 p/h, Code

nines that have been developed from them,

vorking to very close tolerances. Works from

lueprints, drawings or specifications, deter-

and physical properties of the metal

of the

Station Commander

Department

DEADLINES:

PASADENA

Phone Ext. 482

Photographers

Ridgecrest, Calif., with appropriated funds in

The Rocketeer receives Armed Forces Presa

Temporary appointr

at San Clemente Island.

ing, Ext. 72676.

tions April 21.

Phillys Wair_

"Tony" Goff_

News Stories_

ange Tracker Helper or Journeyman, \$2.48

Warehouseman (Male Only), \$2.38 to \$2.58

tracts, office management and fiscal cor

use of other means to fill these vac

for the 1961 season is now available Lippincott, along with last year's guidance contributed to-as many termed it, the most successful Track Symposium to date-shown (I-r) are: Ross Seger, Edwards AFB; Lt. Col. L. M. Bogard, Holloman AFB; Cliff Hurd, Edwards AFB; Duard Rotary Club Woffinden, Hurricane Mesa; Roy Roglin and Ray Nelson, both of NOTS.

turned as soon as possible. These Service held in the Community applications must be received by Center Wednesday, April 5, brought Reservation coupons for this Player Agent Joe Hibbs prior to to the community a summary of its APRIL 15 event are also available at the d last the May 6 tryouts. Boys who play- activities and accomplishments for

> In addition those in attendance heard outgoing president Dr. Tho-



Past Prexy

Its 10th annual report revealed

WOMEN'S GUILD of NOTS the Agency in 1960, 153 individuals Andy Houston, Jr. as president; Mel Community Church will hold a were from civil service families and Zulu attacks jeopardize the venture. Excep- Carlson as 1st vice-president; Ar- combined potluck dinner and pro- 33 from military families. Fortychie Meyers as 2nd vice-president; gram meeting at 6:30 p.m. Tues- three individuals were not con- sizes and shapes including heavy plates

New Directors Officers for 1961-62 and seven treasurer; and Ken Smith as judge will discuss the Survey of the board who will serve for three years were introduced as follows: GEBA will hold its second quar- Reverend Robert M. Harvey, vicar Ext. 71393. Deadline date for all application ert "Q" Jones; Maj. and Mrs. Paul and take action on new business. derson, secretary. New board mem- Tire spinning is the trademark of F. Curtis; Capt. and Mrs. Irwin S. PEBBLEPUPS will meet for a bers are: Hazel Allason, Ann Cier- a showoff. It's expensive too. Every

> Featured Speaker ducting technical seminars at NOTS, spoke on "Barriers to Self-Understanding." According to Dr. Gibb, self-appraisal is very difficult . . . we see ourselves as we wish to be, but we are not willing Budd Gott_

to see ourselves as others see us. His topic emphasized areas of sensitivity training on which he is Hugh C. Lucas, AA_ considered an authority. A former Group Dynamics Center, Dr. Gibb now devotes his time as consultant for industry and community groups.

If you're serious about going on Nova Semeyn_ Whether you're short or whether you're tall

Doesn't determine your size at all. Measure yourself by the width of compliance with Navexos P-35, Rev. July 1958. your grin

The depth and the breadth of Service material. All are official U.S. Navy what is within.

photos unless otherwise specified. **Sports Slants**

Hilton Hotel. America.

Fritchman and Bob Kochman an occasional glitter of gold show- knowledge would be of immeasurteamed up to lead the field in the ing. "Best Ball of Partners" at the Furnace Creek Invitational at Death Valley. Their net 62 earned them nual Stroop Trophy competition The project was under the direc-

wishes!

In addition to temperatures, the entitled: "Les Tres Riches Heures welcome aboard: D. E. Belden, R. de France" or "The Very Rich Research Vessel Velero IV took Three Earn Cash samples to be used for determina-D. Egan, T. L. Herden, J. R. Mor- Hours of France." D. Egan, T. L. Herden, J. R. Mor-gan, G. L. Riggs, L. G. Smith, N. After studying dramatic art and tion of salinity, plotted the profile For Benny Suggs Winkler and D. C. Wright, all SA's acting for several years in France of the ocean bottom, and recorded Awards of ten dollars each have been presented to three employees San Diego Area from RTC, San Diego. Medical with the famous artists Pierre the direction and speed of surface gained the services of J. M. Gann, Fresnay and Jean Villar, Pierre currents. HA, also reporting from San Diego. Viala became a pioneer of French Each ship of Mine Division 93, of the Public Works Department General visiting will be permitpoetry and to date has given acting under the command of LCdr. W. H. at Pasadena. recitals in more than 350 cities Steadley, carried a NOTS-USC D. G. Watt's suggestion pertained area on Saturday and Sunday each team. NOTS personnel participat- to a new drainage for the car weekend from 1-4 p.m. as follows:





Island resort has furnished us with FRI. APRIL 14 up-to-date accomodations lists, tour "THE STEEL CLAW" (97 Min.) folders, and transportation sched-George Montgomery, Charito Luna

You'll not want to miss this out-

a night of revelry he cans a buddy to on April 28-29-30. This three-day take him on a noval ship bound to rescue a costume party features a boat pargeneral held captive by guerillas. He takes ade, torchlight parade, treasure and, total and, but the Japanese hunt, pirate street parade, costume intervene. A top action show. (Adults-Young People SHORT: "Strangled Eggs"

SAT. -MATINEE-

1 p.m. "PIRATES OF TRIPOLI" (68 Min.)

Paul Henreid SHORTS: "Animal Crackers Circus" (9 Min.) 'Son of Geronimo'' No. 3 (16 Min.) -EVENING-

"WINGS OF CHANCE" (76 Min.)

Jim Brown, Frances Rafferty (Adventure) Canadian bush pilots vie fo the hand of a local beauty and their horse- team for top honors were Chuck Rose Merriam residence, 702-A Esplay leads to trouble. Bad weather forces one Paine, Range Operations, and Tom- sex Circle, at 1:30 p.m. to hear pilot off course to a crash-landing. His sur vival and rescue heightens interest. (Family SHORTS: "Woodpecker in the Moon" (7 Min.)

"Ski Town USA" (16 Min.) APRIL 16-17 have been engraved on the Cham-SUN-MON. "LITTLE SHEPHERD OF KINGDOM COME" (108 Min.)

Jimmie Rodgers, Luana Patten, Chill Wills

7 p.m. (Drama in Color) Homeless boy is take In by a rural family, but he longs for the city and education. Rich man sends him t college, but Civil War breaks out and he join the North against his benefactors. A homey heart-warming tale with adventure and (Superb Family Film SHORTS: "Puerto Rican Playground" (9 Min.) TUES .- WED. APRIL 18-19

"THE FIERCEST HEART" (91 Min.) Stuart Whitman, Juliet Prowse

7 p.m.

a convicted thief are released from African the dinner. garrison stockade by the soldier's native They flee to a Boer wagon train tionally powerful drama.

SHORTS: "Drum Roll" (7 Min.) "Southbound Duckling" (16 Min.)

THURS.-FRI. APRIL 20-21 "THUNDER ROAD" (92 Min.) Robert Mitchum, Gene Barry, Keely Smith

7 p.m. (Action) Korean War hero returns to moun

SHORTS: "Magoo Makes News" (7 Min.) "Skitch Henderson's Orchestra" (10 Min.) SAT. APRIL 22 "DONDI" (108 Min.)

> David Janssen, Patti Page 6 and 8 p.m.

W. Carter.

advocate.

NEW TOASTMASTER PRESIDENT-Outgoing president of the China Lake Toastmasters Club 853, Charles Walden, (r), relingishes his gavel to the new president, Eli Zeitlin. Two Toastmaster Clubs serve the Indian Wells Valley; Club 853 and Desert Toastmasters Club 899.

bers will meet Wednesday, April All Station Cribbage players are 19, at 8 p.m. in the Community Ceninvited to participate in these ter. The public is invited at this tournaments which are held the program to hear Norma McClure, mas Milburn pay high tribute to Ext. 72032. second Monday of each month. bit of her art works. League Dinner Is Slated for Friday The Indian Wells Valley Navy Area Branch in the Hideaway at held with 229 people from 127 fam-League will install the Council's 7:30 p.m. Guest speaker, James ilies. Six of these families came new officers at a dinner to be held Halsey, a technical staff member from Inyokern and Trona, 35 from tomorrow night at The Hideway at at Space Technology Laboratories Ridgecrest, and 86 from China 5545. Sets up, adjusts and operates all types (Adventure) Wrongly accused soldier and 8 p.m. A social hour will precede will discuss launching facilities for Lake.

New officers to be installed are: (Adults-Young People) Jack Whealen as 3rd vice-presi- day, April 18, in the East Wing. nected with government service. dent; Dr. Henry La Fortune as 4th Guest speakers, the Rev. and Mrs. vice-president; Gene Bouldin as Hugh Nelson of the Michillinda secretary; Barney Oldfield as Presbyterian Church of Pasadena, new members to the 21-member Crossroads Africa Project.

Invitations have been extended to tain kin and drives bootleg delivery. Racketeer the following to attend the instal- terly meeting of the general mem- of St. Michaels Episcopal Church, attempts to take over the business and the lation dinner: Capt. and Mrs. W. bership at 7 p.m. in the Communi- president; Lt. (jg) Walter W. Carruckus alerts the T-men. Different and ex-citing. (Adults-Young People) SHORTS: "Magao Makes News" (7 Min) M. Quensé; Chaplain and Mrs. Rob-SHORTS: "Magao Makes News" (7 Min) M. Quensé; Chaplain and Mrs. Rob-

Moore; Dr. and Mrs. Wm. B. Mc- field trip tomorrow in the Last ley, Roy Freeman, Elaine Fulton, time you "burn rubber", you wear Lean; and Lt. (jg) and Mrs. Walter Chance Canyon area. Rendezvous Audrey Gray, Dr. Robert Hamblin, off almost 10 miles of tread. is at 9:30 a.m. opposite Hart's Place and Lloyd Lundstrom. on Highway 6. In case of trip cancellation, a notice will be posted at Dr. Jack R. Gibb, management the Pickup Station outside the consultant who is presently con-Main Gate.

Ceramic Club Present Outstanding Display In Annual Competition

The NOTS Ceramic Club will hold its annual Hobby Exhibition next Monday, April 17, in the Communi-Monday, April 17, in the commune ty Center. Hours for public viewing are from 1 to 3 p.m., and 6 to 7:30 director at the National Training Laboratory in Bethel, Maine, and Research Director for the Fels

Three judges will award trophies and ribbons for the most outstanding entries based upon originality. craftmanship, execution, etc. The categories to be judged include: China painting, porcelain, stains, a diet - think of the table as a



miniatures, mosaics, glazes, and launching pad, not a landing field. clay.

Works on various metals of all Heat Treater, \$2.84 to \$3.08 p/h, Code 5545. Heat treats various types of metal, including ferrous alloys, in furnaces, baths, and File applications for above positions with Pat Gaunt, Room 31, Personnel Building,

Test Department Ranges. May includ File applications for above positions with Fawn Haycock, Room 34, Personnel Building, Pers. Clerk (Employee Relations) (Steno), GS-5, PD No. 30029, Code 651. Advising; ca rdinating programs; maintaining program ecords and reports; Executive Secretary, Per onnel Department Beneficial Suggestion Com ographic and clerical functions. File applications for above position with Dixie Shanahan, Room 26, Personnel Build-



intercontinental ballistic missiles. Of the 229 people who came to

a noted artist from Kernville, give all those who had given of their a demonstration lecture and exhi- effort to the organization. ASCE members may contact John a total of 1,368 one-hour individual Cox for reservations to the April interviews and 489 one and one-21 dinner meeting of the Desert half-hour group interviews were

Friday, April 14, 1961

Sportsmen Vie For Tournament Honors

By Chuck Mangold, Athletic Director

Philip Marsh and George Lewis of the China Lake "Fencers" entered the Southern California "Open Epée" held last weekend at the Valley Junior College in San Fer- cerning the behavior of in-

Golf

Crew's News By B. C. Sipin, PN1

Ten men passed the February examinations for advancement in rating. Congratulations to: J. John son, BM2; A. Garcia, GM2; C. Ko nopko, ETN3; R. B. Evans, HM3 M. R. Wiley, HM3; C. W. Kenan, RD3; A. J. Martin, CSSN; R. Braspennickx, DN; T. E. Davis, ET-

NSN: and W. R. Wellman, SN. The Examining Center has already forwarded result cards to those who did not make the grade, listing their weak points. This elieveryone on a competitive scale.

R. Lambert, HM3, who was released to inactive reserve status. Jack took a cue from the Navy for his civilian career-he plans to ente a medical profession. Our best

nando Valley. Phil, who placed sev- a pair of trophies. enth in a field of twelve finalists, is The following Saturday found now eligible to compete in the Na- Dale Mead and Mary Lou Kum-

try. Lewis failed to qualify in the Ably standing in for Earl Roby competition, which is sponsored by in the trophy play-off was Ralph sonnel. the Amateur Fencing League of Pinto who brought in the third sojourn met with mixed success-

Stroop Trophy

The month of May brings the an- tics and sonar. Volleyball Schedule

Tuesday, April 18		
AOD vs NAF No. 1	6:30	p.m
NAF 4 vs NAF 2	7:30	p.m.
Thursday, April 20		12
Redeye vs Personnel	6:30	p.m.
1. M	6:30	p.m.
Marines vs Test Dept.	7:30	p.m
VX-5 vs AOD	8:30	p.m.

Ladies Golf fifteen putts. In the tee to green Pacific. minates the 'luck' factor and places tournament the first, winner was Kay Bracken with 24½ points. Medical lost the services of Jack Shirley Gorman finished in second place with 26 points.

French Cercle Plans Texas University and study toward Acted Recital Program

An outstanding program has been each ship. planned for the next meeting of As each bathythermograph was

lost W. E. Baker, CSC to the USS an acted recital on the evolution of hour. Fletcher for sea duty in the Paci- French poetry through the ages

> hroughout the world. made by calling extensions 725071 mers on the USS Leader, Don Aplin nefits. or 72865. Non-members may attend on the USS Enhance, W. E. Hicks Aram Malian's award pertaining with reservations and \$1 donation. on the USS Excel, Andrew Fabuia to "Ladder," was based on safety April 22-23. USS Talladega, Attack Dinners will be \$2.35 each accord- on the USS Lucid, and Homer Line- benefits. ing to prior arrangements.

News From Pasadena **Behavior of Internal Waves Study First Research Project of its Kind**

A research project conternal waves was recently undertaken by a team of tional Championships scheduled for mings accepting their trophies for NOTS Pasadena, Mine Forces July 15-22 at the Los Angeles Statler winning the "Scotch Foursome" en- Pacific Fleet, and University of Southern California per-

THE ROCKETEER

There are certain waves under place trophy. All in all, the NOTS the sea's surface generated by the tides. These waves are not yet well On Thursday, April 6, Chuck mostly fresh air and exercise, and understood. If they were, this able benefit to Station programs, particularly in the field of acous-

which will be held for two week- tion of Herbert J. Summers, an ends-18 holes each. The first 18 engineer in the Underwater Ordthe first time that bathythermograh data was taken for a 24-hour period from an array of such magnitude as eight ships.

Research Vessels

Utilized in the research study were the five ships of Mine Division 92 plus research vessels Velero IV of the University of Southern California, Sea Quest Norma Hollister was the winner of Lockheed Aircraft Corporation, of the monthly putting contest with and Sonar Queen of Bendix-Pacific

Throughout a 24-hour period. bathythermograph readings were taken at 15-minute intervals. These readings provided a continuous trace of temperatures to a depth of 200 feet. Precise timing was observed by all ships with readings being taken at the same time by

R. W. Prochnow, SN, claims the the "Cercle de Langue Francaise" lowered and raised, a bucket samshortest transfer travel - from in the Sun Room of the Club next ple of the surface was taken and

Recorded Data

Dinner reservations should be ing in the venture were Herb Sum- wash. It is based on intangible be- Date berry on the USS Guide.

er of Bendix-Pacific on the Sonar intangible benefits. Queen. Oceanographic Consultant for Underwater Ordnance De- and marine equipment. partment on the project was Dr. Electrician Salary Range \$2.87-K. O. Emery, Professor of Ocean- \$3.11, Code P715. Duty Station: ography at the University of South- Long Beach (San Clemente Island). ern California, who was aboard Installs, maintains, and repairs Velero IV.

process and the final results are stalls, and tests electrical fixtures, soon to be published - another apparatus, control equipment and aid to man's knowledge of the wiring used in barracks, office ocean.

PROMOTIONAL **OPPORTUNITIES**

tions, contact Nancy Reardon, Pa- booms capable of verticle and/or sadena Personnel Division, Exten- transverse motion, for lifting and sion 104. Closing date on all posi- moving all types of heavy equiptions is April 21, 1961.

Operator, Salary Range \$2.60-\$2.82, boats and recovery of missiles. Code P8093. Submit Form SF-58 Automotive Mechanic, Salary when applying for this position. Range \$2.78-\$3.02, Code P715. Duty Performs variety of duties involv- Station: Long Beach (San Cleming mixing, casting, heating, mold- ente Island). Maintains, overhauls. ing, pressing, and related opera- and reconditions gasoline engines. tions in the design, fabrication, Rigger (Diver), Salary Range and test of experimental ordnance \$2.87-\$3.11, Code P715. Duty Station: components.

Heavy Duty Equipment Mechanic Must be qualified SCUBA diver. (two vacancies), Salary Range Duties: Maintains moorings for



Page Three

will be played May 6-7 and the final nance Department. It was one of TAKES READING-Herbert J. Summer, Engineer in charge of round is scheduled for May 13, the most comprehensive studies of Internal Waves Project, lowers a bathythermograph into the ocean which will coincide with Admiral its kind to have been made, ac- for a temperature reading. Readings were taken throughout a 24-hour Stroop's anticipated visit to NOTS. cording to Summers, in that it was period in the most comprehensive study of its kind known to date



Commissary Store to Enlisted Per- Monday night, April 17, at 7 p.m. its temperature read to the nearest SHIP ARRAY-Shown is array of ships used in the project. Eight ships sonnel - no cost involved. He's as- Pierre Viala, noted comedian and estimated 0.1° F. Weather data was participated in the research study-five ships of Mine Division 93, and signed to the Galley Divison who speaker on French poetry, will give observed and recorded every half research vessels of the University of Southern California, Lockheed Aircraft Corporation, and Bendix-Pacific.

W. Kielhorn, Lockheed Ocean- award for suggesting "Waste The danger of kicking a man ographer, directed the project work Hampers for Picking up Wastewhen he's down is that he may get on the Sea Quest and Jack Bak- Paper." The award was based on house in the San Diego area during

electrical power and lighting lines, Compilations of data are now in cables, and circuits. Assembles, inbuildings and shop areas.

Engineman (Hoisting and Portable), Salary Range \$2.87-\$3.11, Code P715. Duty Station: Long Beach (San Clemente Island). Operates truck-mounted and crawler cranes. To apply for the following posi- 12-ton capacity and over, with ment, missiles, etc.; hoisting of Plastics Processing Equipment launcher, hoisting and lowering

Long Beach (San Clemente Island).

Ships Open For Tours, Long Beach,

ted aboard ships in the Long Beach April 15-16: USS Los Angeles,

Cruiser Transport

William L. Owens received the April 29-30: USS CAbildo, Landing Ship Dock Ships scheduled to hold open

	and build are.
Date	Ships
April 15-16:	USS Capitaine, Fleet-
	type Submarine, and
	USS Henderson, De-
	stroyer
Anril 22-22.	USS Rock, Fleet-type
April 22-20.	Sub, and USS Brad-
	ford, Destroyer
	Hora, Destroyer
April 29-30:	USS Tulare, Cargo
	Ship, and USS Tawa-
	sa, Fleet Ocean Tug.
May 6-7: U	SS Diodon, Submarine,
	and USS Brinkley
	Bass, Destroyer
May 13-14:	USS Hull, Destroyer,
	and USS Queenfish,
	Fleet-type Submarine
May 20-21:	USS Currituck, Sea-
	plane Tender, and
	USS Munsee, Fleet
	Ocean Tug
Mor 07 00.	USS Rogers, Destroyer,
May 21-20.	and USS Redfish.
	Fleet-type Submarine
June 3-4: U	JSS Promfret, Subma-
and the second second	rine, and USS Par-
	sons, Destroyer
June 10-11:	USS Bennington, ASW
	Support Aircraft Car-
	rier, and USS Seafox,
	Submarine.
June 17-18:	USS Montrose, Attack
	Transport, and USS
	Apache, Fleet Ocean
	Tug.
Tuno 94.05.	USS Mataco, Fleet
June 24-20:	
1.1.2	Ocean Tug, and USS
	Charles Berry, Escort

Ship



VISITS GOVERNOR-Corazon Desamito, a foreign exchange student from the Philippine Islands attending Burroughs High School, is shown \$2.87-\$3.11, Code P715. Duty Station: floating equipment; selects and atas she visited Assemblyman Jack T. Casey, Senator Walter W. Stern, Long Beach (San Clemente Island). taches hoisting and pulling gear and Gov. Edmund G. Brown at Sacramento during Easter vacation. Inspect, maintain, and overhaul ga- for lifting, moving and positioning Edith and Russ Huse of AOD are Miss Desamito's sponsors. Arrange- soline and diesel-engine operated of equipment and heavy loads such ments to meet the Governor were made by the local Kiwanis Club. heavy duty construction, industrial, as missiles and launchers.