Page Eight

Summer School **Program Begins** Next Monday

The China Lake Summ School program will begin Monday, July 6, William L. Stokes Jr., Summer School Director, announced this week. The program will continue through Aug.

Classes for pupils who will be in first grade through third grade next fall will be held at Richmond, Groves, Vieweg and Desert Park Schools. Classes begin at 8:10 a.m. and close at 11:40.

All children must have verification of polio immunization. Registration for the elective program on Monday in Murray School cafetorium will be as follows:

Fourth grade: 8 to 9 a.m. Fifth and Sixth grades: 9 to 10 a.m.

Seventh and Eighth grades: 10 to 11 a.m. There will be an additional registration from 11 to 11:30 a.m. for students who missed

registering earlier in the morn-Actual classroom work will

not begin until Tuesday morn-Registration for remedial

classes has already been completed.

Bus Schedule

7:30 a.m.-Wherry to Murray School (Remedial Students) pick-up points: Wherry Of fice, Prospect and Toro, Sandora and Dorado. ,7:45 a.m. - Capehart-site "B" to Murray School (Remedial Students) pick-up points: Knox Road and Burroughs Avenue, Knox Road and Stroop Avenue.

8:00 a.m.-Wherry to Murray School pick-up points: Wherry Office, Prospect and Toro, Sandora and Dorada

8:20 a.m. - Capehart-site "B" to Murray School pick-up points: Knox Road and Burroughs Avenue, Knox Road and Stroop Av-

11:35 a.m.-Murray School to Capehart and Wherry drop-off points: Knox Road and Burroughs Avenue, Prospect and Toro, Wherry

Office 12:15 p.m.-Wherry and Capeharts to Murray School pick-up points: Wherry Office, Prospect and Toro, Knox Road and Burroughs Avenue

3:35 p.m.-Murray School to Wherry and

in 1956.

From.

ROCKETEER



HONORED BY NAVY RELIEF - Chaplain R. C. Fenning presents Rhea Blenman a Navy Relief Society Certificate of Service signed by CNO, Adm. David L. McDonald as Capt. Blenman and Carrie Reck, chairman of local NRS Interviewers, beam their approval. In addition, Rhea received the Gold Meritorious Service pin, the Navy's highest award given to Navy Relief volunteers. Presentation was made at "O" Club reception following Change of Command ceremonies.

Community News

MUSEUM SUMMER YOUTH PROGRAM REGISTRATION For those children who were unable to register last week for the Summer Youth Program sponsored by the Maturango Museum, a supplementary registration period has been scheduled for Monday evening, 7 to 8 p.m., in the Museum building, Applicants for the free eight-week program, beginning July 10, must be accompanied by their parents. For more information, call Barry Boyer at FRontier 5-2107.

TERREBONES TO LEAD FLEET RESERVE ASSN. HERE

Retired Chief T. L. D. "Terry" Terrebonne has been elected president of the Fleet Reserve Association's China Lake Branch 95 for the coming year. His wife, Moneta, will lead the Ladies Auxiliary Unit.

Other officers to be installed with them on Sunday, July 19, at a 4 p.m. buffet dinner at the Acey Deucey Club, are Jake Porter, vice president; Thomas Creasey, secretary; George E. "Tommy" Thompson, chaplain; Terry Driver, master-atarms; (in the auxiliary) Verna Wheeler, vice president; Grace Driver, secretary; Dorothy Stands, treasurer; Phalba Hatzenbuehler, chaplain; Martha Stalnaker, sergeant-at-arms, and Nancy Bizon, parliamentarian.

ASTRONOMICAL SOC. 'OPEN HOUSE' AT NEW CLUBHOUSE Everyone is invited to an "Open House" meeting of the China Lake Astronomical Society next Monday as the organization "dedicates" its new clubhouse at 401-A McIntyre. The meeting, starting at 7:30 p.m., will include screening of movies of the five smallest planets in the solar system; plans for trips Copeharts drop-off points: Knox Road and to Griffith Planetarium and Mt. Wilson Observatory, and the Burroughs Avenue, Prospect and Toro, Wherry presentation of pictures of a galaxy, a nebula, a planet or a cluster of stars.

Officer Here Donald Pleasance, Samantha Eager 7 p.m. Mystery) Guilty or not guilty? Did a is aoraeous. (Adult) Short: "Cannery Woe" (7 Min.) ATURDAY JULY ----MATINEE---"SMILEY" (91 Min.)

"DR. CRIPPEN" (98 Min.

Ralph Richardson 1 p.m. Shorts: "Tree Spree" (7 Min.) Jungle Drums of Africa Chapter No. 9" (13 Min.) --- EVENING--"MAN OF THE WEST" (98 Min.)

Gary Cooper, Julie London, Lee J. Cobb 7 p.m.

(Western in Color) Former gur and meet this former tant help. This is a rough and tough as they come western. (Adult) Short: "Jerry's Diary." (7 Min.)

UNDAY-MONDAY JULY 5-6 "MUSCLE BEACH PARTY" (94 Min.)

Frankie Avalon, Annette Funicella

7 p.m. (Comedy in Color) "Surf's 110" Ithy yachting beauty who makes a play Frankie. (Adults and Young People.) TUESDAY-WEDNESDAY JULY 7-8 "CAPTAIN NEWMAN, M.D." (126 Min.)

Gregory Peck, Tony Curtis, Angie Dickinson 7 p.m.

(Drama Comedy in Color) All the humor ficer. and drama of a psychiatric word in a des ert Air Force Base as Grea grounds ma nen much to the C.O.'s chaarin and To omotes nurse, Angie. Don't miss this one Adults and Mature Youth.)

THURSDAY-FRIDAY "KISSIN' COUSINS" (97 Min.)

Elvis Pressley, Arthur O'Connell

7 p.m.

ntain for a U.S. Missile site so Lt. Elvis and the Columbus Youth and Children.)

Short: "Salt Water Tabby" (7 Min.)



Friday, July 3, 1964

LCdr. Lewis

Is New ComAd

LCDR. W. W. LEWIS

Lieutenant Commander William W. Lewis, Jr., formerly attached to the Guided Missile Cruiser USS Columbus, has assumed duties at China Lake as Command Administrative Of-

He relieved LCdr. Phillip F. Mohr who was retired in ceremonies here Tuesday morning. A native of South Carolina who now regards Atlanta, Ga., JULY 9-10 as his permanent home, LCdr. Lewis was graduated from the U.S. Naval Academy with the class of 1948. His subsequent duties have included tours at (Comedy in Color) Pappy won't lease his the New York Naval Shipyard

Married to the former Wanda noves in and so do the man-starved Kitty- Nesbit, a Naval Reserve Lieuhawk girls. Dogpatch swings. (Adults, tenant Commander, LCdr. and Mrs. Lewis reside at 506-B Essex Circle

Propulsion Department Employee Awarded Ph. D. from Purdue U.

Richard J. Zabelka, an aerospace research engineer with the Propulsion Development Department, has been awarded a Ph.D. degree in mechanical engineering from Purdue University. Thesis for his doctorate was "Investi-

gation of the Combustion of Sev- engine to fly. eral Hybrid Rocket Fuels."

An honor graduate of the initial design for the RAPEC I, ment of high-speed planing Michigan College of Mining and II, and III catapaults, NOTS' suc- boats. Technology with a B.S. degree cessful Rocket Assisted Ejection in mechanical engineering, Za- Catapault. belka came to the Propulsion De-

Holds M.S. from UCLA velopment Department under Zabelka also holds a Master of 3, Karen Elizabeth, 14 mos., and the Junior Professional Program Science degree in Engineering reside at 213-B Wasp Rd. from UCLA which he acquired During his association with through study under the China the Department he conducted Lake-UCLA off-campus program. the initial design work on the 12" flight weight HYBRID which the aerospace engineer numbers later became the first HYBRID among his hobbies SCUBA and

PLACE

STAMP

HERE

skin diving, hiking and camping, In addition, he conducted the research, design, and develop-

> He married Sally Birge of Seymour, Ind., in 1955. They now have two children, Steven Paul,



DR. RICHARD J. ZABELKA



THE TITAN III TEST



IGNITION plus three seconds, Titan III churns up desert as it roars along SNORT toward target.

IMPACT sends up spray of burning propellant as the huge rocket motor burrows into target.

CHUNKS of propellant spew higher and wider over the desert floor and mushroom cloud forms.



MASSIVE FOUNTAIN of flaming debris arches over the range after the break-up had reached its peak. Distance from left



Little League Sponsors **Gala July 4th Program**

day evening.

begin at about 9 p.m., following a series of colorful events sched-

The Independence Day cere-monies will begin at 7 p.m. with July 4th Hours the raising of the Colors and All Navy Exchange facilities

come the Independence Day NAF Snack Bar. crowd.

After which Station Com- Open: Service Station and Outremarks.

Then the vice presidents of Closed: Retail Store, Barber certificates to team sponsors. dry Pick Up.

Another gala Fourth of July | At 7:25 an honor guard of program, sponsored by the Little Leaguers will escort the China Lake Little League, future Miss Little League to the awaits Station personnel Satur- field where this year's reigning Miss Little League, Diane Bo-The big fireworks display will yack, will relinquish her crown (Continued on Page 7)

uled by officials and players of Navy Exchange

playing of the National Anthem will maintain regular hours of at Diamond No. 4 in the Blen- operation on Friday, July 3, exman Youth Park, corner of Richmond Rd. and Halsey Ave. closed: Main Business Office, At 7:15 Little League Presi- Child Care Center, Main Laundent Jim McGlothlin will wel- dry Plant, NAF Barbershop and

Saturday, July 4

mander Capt. Leon Grabowsky door Shop open from 8 a.m. to is expected to make a few brief Noon, but closed all day Sunday, July 5.

the Little League will present Shop, Cobbler Shop, and Laun-

to right edge of picture is about one mile. Pictures were

taken from SNORT HQ about four miles from target.

TITAN III motor segment, 10 feet in diameter and 10 feet long, gets final check by Test Dept. men. It ran 3850 feet on track and 100 feet of free flight before hitting target (arrow). Turn to Pages 4 and 5 for more pictures.



Approximately 3000 per annum Federal employees at China Lake and Pasadena can expect a pay raise soon. The Senate was expected to pass the Federal pay hike bill yesterday. No major changes were foreseen in the final action on the \$556 after the fire department had million bill which will increase the pay checks of 1.7 million Federal classified and postal workers.

Congressmen will get a \$7500 per year pay raise. But their hikes will not become effective until Jan. 1, after the November elections. Federal workers will get theirs immediately after enactment.

Eight End Nearly 200 Years of Naval Service See Bage 3

NOTS Team Lauded by AF For Success

Four new "firsts" were scored on the SNORT track here on June 13 when the U.S. Air Force's massive Titan III space booster was hurtled down the track and purposely rammed into a huge abutment to climax a series of "hazard classification tests."

The "firsts" are:

The huge rocket motor was three times larger than any. thing previously run on the track.

It is the heaviest item ever tested on the track.

It was the first in-motion test for Titan III. Others were static.

This was the first time Titan III was sent into free flight after leaving the end of the track.

The Titan III solid propellant motor segment is 10 feet in diameter and 10 feet long. Equipped with forward and aft closures and a nozzle, the 128,000pound motor roared down the track under its own quarter-million pounds of thrust accelerating to 1.3 times the force of gravity in the first three-quarters of a second.

Formidable Target

The segment was anchored to 9000-pound test sled for the 3850-foot run on the track. It then went another 100 feet in free flight before impacting the formidable, especially built target. The target consisted of a wall of reinforced concrete, six feet thick, 20 feet long and 20 feet high. Immediately behind this was a 20-ft, by 20-ft, steel plate three inches thick. And behind that was a mound of earth fill equally as high and approximately 50 feet long.

At impact the motor was traveling 435 miles per hour. Loaded with approximately 92,-000 pounds of propellant at the start of the run, the motor had more than 80,000 pounds unburned at impact. About 10,-000 pounds was consumed during the entire run which took 13.2 seconds from ignition to impact.

Examining the target area extinguished small brush blazes, the official observers noted that the thick concrete abutment had been reduced to rock and pebble size, and strewn over a wide (Continued on Page 2)

CHAPLAIN'S MESSAGE

Freedom Our Responsibility

By CHAPLAIN MARK E. FITE

The Divine Plan is for men to live within a framework of law and order. Biblical history records clearly the results of such living.

Perhaps there has never been a time in the history of America more than today when every citizen needs to be more conscientious about his responsibility within the framework of law and order. If we are to enjoy freedom, it is necessary that its pursuits occupy a place of serious concern among us.

A wise man of old had much to say about this subject (Paul in Romans 13). The fact that rulers "bear the sword" may make it prudent to obey their laws; but good citizenship takes its place among the virtues of the good life. The heart of good citizenship becomes a matter of conscience to the individual in his attitude and action.

A country, like a person, usually gets what it deserves. It may be that in the realm of government if we are not satisfied with what we get, we better first examine our attitude with regard to what we contribute.

Every farmer knows that if he plants and cultivates his crop, he has a right to expect a good harvest; but his yield will continually diminish if he makes no effort to maintain the fertility of the soil

If we the people will be "one Nation under God," our independence won so many years ago must have some maintenance or else the yield in order and freedom will continually diminish. Such has historically been and can best be maintained by the Judeo-Christian concept of government; motivated by a sound, healthy conscience.

"Righteousness exalts a nation, but sin is a reproach to any people." (Proverbs 14:34.)

Commend Danny For Work In 'Desert Strike'

J R. "Danny" Dandurand is back here at his old stand as JAMTO manager after spending several weeks as representative of the Joint Airline Military Traffic Office for the big Desert Strike maneuvers along the Colorado River.

Obviously did a great job there, too, because he received a letter of commendation from Brig. Gen. John M. Finn, Neutral Force Commander. In part, it reads:

"It has been reported to me that your outstanding performance of duty as a representative of (JAMTO) is highly commendable. The commercial movement of thousands of troops was accomplished quickly, efficiently and timely. Your years of experience and professional skill in this complicated field aided materially in the troops. Your workload was con- Moonlight Bridge

Social Security Rep. To Be Here July 8

to 11:30 a.m.

The Rocketeer

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

"J." Bibby Public Information Officer

Jack G. Broward **Richard Grueneberg**

Budd Gott Associate Editor

Frederick L. Richards Special Assignments

Bill Borgstadt, Sports DEADLINES

News Storie Photographs The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compli-Office at 50 King St., Bldg. 00929. Phonesance with NavExos P-35, Revised July 1950 71354, 71655, 72082.



'DANNY' DANDURAND

"Performance such as yours produced the fine reputation Biggest Crowd earned by Neutral Force during 'A Social Security representa- Joint Exercise Desert Strike."

since World War II. SERVICE

hristian Science (Chapel Annex) Morning Service-11a.m. Sunday School-11 a.m.

otestants (All Falth Chapel) Morning Worship-8:30 and 11 a.m. Sunday School-9:30 g.m., Groves and Richmond elementary schools.

toman Catholic (All Falth Chapel) Holy Mass-7, 9:30 a.m., and 5:30 p.m. Sunday.

6 a.m. Monday through Friday, 8:30 a.m. Saturday

Confessions-8 to 8:25 a.m., 6 to 8:30 p.m Saturday. Thursday before First Friday-4 to 5:30 p.m.

dOTS Hebrew Services (East Wing All Faith Chapel)

Every first and third Friday, 8:15 p.m. initarian Fellowship (Parish Hall) Fellowship Meeting-Sundays, 8 p.m.

ROCKETEER

PROMOTIONAL **OPPORTUNITIES** Present Station employees are encouraged apply for the positions listed below: Aplications should be accompanied by an upto-date Form 58. The fact that positions are advertised here does not preclude the of other means to fill these vacancies.

Clerk-Typist, G5-4, PD 088002, Code 88ary Records Office. Processes and main ecords for military personn opes and submits various monthly and an reports, prepares and records admis ins, discharges and medical histories Qualifications required: Two years typing ical experience. It is highly desirable edge in medical terminology and procedures. File application for above with Pat Det-tling, Room 28, Bldg. 34, Phone 72676. Clerk (DMT), GS-4, PD 250096, Code 501-

rough draft or dictated recordings, a ists in editing and revision of manusc tions, and performs miscellaneous cle cal duties as required. Qualifications required: Two years exper

nce in clerical work including transcribin om dictating machine and typist duties. File applications for above with Joanne Knutsen, Room 28, Bldg. 34, Phone 72676: Machinist, (WB-34014), Code 4571-Perfe

chine tool operations required to share erimental propellants to meet exact ecifications. Must be able to design an onstruct special tools, jigs, and templates Qualifications: Must have completed ap ntice program or have the equivalent ex

File applications for above with Loug chneider, Room 26, Bldg. 34, Phone 71648. Deadline for filing is July 10. NAVY OVERSEAS VACANCIES

Guantanamo Bay, Cuba-Position Class ecialist; Employee Development O er. GS-235-11. Kenitra, Morocco-Chief Quarterman (Trans-

portation Equipment Maintenance). File applications for above with Navy Overseas Employment (Atlantic) Hdgrtrs., Po-tomac River Naval Command, Washington, D.C., 20390.

Many Telephone **Numbers Switch** To 'FRontier'

Following are new telephone numbers of various offices, stores, etc., on Station. All have FRontier prefixes. COM/EDR

	COM/ DDR	
	8-4781	
	COM Swim Pool FR. 5-5109	
	Bank of America FR. 8-4031	-
	8-4041	
	Outdoor Shop FR. 5-5130	
	Retail Store FR. 5-4484,	
	FR. 5-4485, FR. 5-4486	Ľ
	Barber Shop FR. 5-5193	
	Beauty Shop FR. 5-5122	
	Service Station FR. 5-5114	L
	Golf Course FR. 5-5106	
	Laundry Pickup FR. 5-5115	
	Main Laundry FR. 8-2911	
	Child Care Center FR. 5-5161	
	Main Office FR. 8-4941,	
	FR. 84951, 8-4961, 8-4981	
	P.S. If a new number does not	
ar	nswer, use old one.	

tive from the Bakersfield office Danny was headquartered at bridge tournament played last 200 yards beyond its original 4664 locomotives were driven will be at the Community Center Needles, Calif., during the Wednesday evening at the position. on Wednesday, July 8, from 8:30 maneuvers, largest in peacetime Wasp Circle home of Roger and Mary Wickenden drew the lar- The purpose of the test was gest crowd in the history of the to determine if the solid fuel Desert Bridge Club.

> tables each. Rosemary Fisher giant motor and case simply "The test simulated the environand Roy Cole won North-South broke up, showering burning ment we might expect if the and Bob Driggs and Maurice propellant over an area about motor fell back from 14,000 feet Sand won East-West in the front one mile wide. All of the pro- altitude, striking the ground at yard section. Marvin Warner pellant was consumed. and Bill Yetter were the North- NOTS, Air Force, NASA, con- per second.' South winners with Glennrose tractor personnel and research Solid rocket motors for Titan Symington and Joe Tremont the scientists from throughout the III are produced for the Air East-West winners in the back nation were jubilant over the Force by United Technology garden section.

> bridge game played last Mon- and gratitude to the NOTS Test steel rocket case used in the day at the China Lake Commu- Dept. team led by Hal Richey, test here had more than served nity Center was extremely close. NOTS Director of the Titan III its purpose. Twice before its Esther Rowntree and Mary test; L. G. Garman, Head of the intentional destruction on June Wickenden tied for first with SNORT Division; Bob Vorwerk, 13 the case had been loaded Polly_Nicol and Shirley John- SNORT Project Engineer, and with propellant and static fired. son. Only one point behind Ray Nelson, Head of Track Air Force Space Systems Diviwere the teams of Fanny Jonas- Operations Branch. son and Bernice Loomis and It was estimated that the the Test Operations Branch, Joan Lines and Marge Hanzell kinetic energy developed by the Titan III SPO, was project of tied for third.

Friday, July 3, 1964



There is about everything in this desert - so why not peacocks'

And here they are!

Mrs. Myrta Gelzen has a peafowl farm - or I should say ranch — they run loose. It's near Onyx — nestled at the foot of a mountain

Only the males are peacocks - the females are peahens. If you reflect a moment you will realize that to be a fact.

Mrs. Glezen owned 32 at one time. She said they are about three years old before they get pretty feathers.

NOT MUCH VALUE, BUT GOOD EATING

Peafowl haven't much commercial value, but they are good eating, in fact some people consider them to be quite a delicacy.

Their tail feathers make fine fishing flys for fly casting. A big beautiful specimen will sometimes sell for as much as \$50 to an aviary or big estate or sanctuary.

But their real value is for burglar alarms. Peafowl are hypersensitive to any strange sound or movement in the night time and they give out a screech that sounds like HELP.

And they eat enormous quantities of grasshoppers!

Peafowl roost high up in trees - so they are smarter than turkeys that roost on lower limbs and get caught by coyotes. It would be interesting to see how a peacock drags his long tail up to the top of a tree. His tail is folded together, of course, but pretty long to drag up to the top branches of a tree. I never did see a peacock fly.

IN BUSINESS FOR 113 YEARS

At Onyx is a store - groceries, work clothes, etc. - that has been in business continuously for 113 years. It was established in 1851 by William P. Scodie - only

two years after the 1849 gold rush. It was a freight wagon stop known as Scodie Station. It

had a general store, groceries, bar, gambling joint, with a hotel nearby.

Bill Scodie was the proprietor until about 1900. Since 1900 there have been six or eight owners of the same building same store

Jess and Charlene Barr are the present owners.

You see so many ghost towns and abandoned buildings in the Mojave Desert that it is unique to see a building out in the FR 8-4771 big open spaces that has been in continuous use for over a century.

This building must have had a new floor at some time. I don't think any wooden floor could stand tramping over for a century plus 13 years.

COTTONWOOD TREES 85 YEARS OLD

There is a row of giant cottonwood trees out in front estimated to be about 85 years old. This store sells the finest bacon I've ever smelled or eaten anywhere. It's made from lean pigs and cured with hickory

wood smoke - not chemically cured. So people from China Lake - going to Lake Isabella fishing always stop at this Onyx store to lay in a supply of bacon.

It's that outstanding. So one secret of continuous business success: Be or have omething superior.

simultaneously into the target

Simulates Fall-Back

Center, Sunnyvale, Calif. UTC

Col. Harold W. Robbins of the

at 60 miles per hour.

Titan 111 Test Sets smooth, efficient deployment of long hours and much patience. Tournament Draws 4 SNORT Record

(Continued from Page 1) | mately 712,000,000 foot pounds, area. The three-inch-thick steel or the energy that would be de-The "moonlight sectional" plate had been hurtled about veloped if ten 300-ton Mallet Shower of Propellant

would destonate under impact. Air Force Space Systems Divi-There were two sections of 7 No detonation occurred. The sion in Los Angeles declared,

a terminal velocity of 600 feet test results.

The Rockettes duplicate Visiting officials voiced praise officials pointed out that the sion Major Hal Eberle, Chief of

impact amounted to approxi- ficer for the China Lake test,



Colt League.

event is set for July 19.

An All-Star Team selected from the local Colt League will host an All-Star Colt team from Barstow for a two-outof-three game playoff here July 24-26.

In major league baseball, the Giants took giant steps in moving to eliminate the Dodgers and capture the National League flag after sweeping a four game series from Los Angeles this past weekend. In the American League, the Yankees are starting to make

beaches.

Summer H For Station

p.m. and 6:30 t

1:00 p.m. to 5

to 8:30 p.m.

Friday, July 3, 1964

ROCKETEER

Local Swim Team Wins Invitational Meet Take 28 First Places, Antelope 18, Mojave 17 Proving their aquatic ability in no uncertain terms by garnering 503 points, the Indian Wells Valley Swim Team downed Antelope Valley and Mojave to take first place in the Third Annual Indian Wells Valley Swim Meet held at the Officers Girls - Linda DeMarco, 25-Club pool last Saturday. Antelope Valley splashed in and Jane Winward, 50-meter for a second place win with 333 freestyle; Bonnie Blakey and points while Mojave paddled Linda Wiley, 50-meter back-

313 points. Mojave took 17.

Ten New Records Set

set during the meet. The girl Jones, C. Dolloff, E. Forrester, members of the Indian Wells and B. Manger; 200-meter free-Valley team proved to be the style, 13-14, V. Wiruth, C. Clark, "stronger sex" by toppling L. Papile, and A. Allan; 200three records while the boys tal- meter freestyle, 15-17, T. Barlied nary a one.

The IWV record - shatterers and P. Haig. were Jane Winward, 50-meter Boys - Morgan Gray, 25breaststroke for girls 15-17; Lin- meter freestyle; Mark Bock and da Wiley, Dee Dee Fletcher, Steve Compton, 50-meter free-Kathy Knemeyer, and April style; Bill Beresford, 50-meter lay for girls 11-12; and Linda meter breaststroke. DeMarco, 25-meter breaststroke Boy Relay Teams - 100- metfor girls 8 and under.

Other IWV First Places

records were:



Ten new pool records were er freestyle, 8 and under, C. nett, D. Brunton, J. Winward,

Manger, 200-meter freestyle re- backstroke; Richard Ender, 50-

er freestyle, 8 and under, D. Johansen, M. Gray, C. Johansen, IWV team members who won and S. Forrester; 200-meter freefirst places without breaking style, 11-12, D. Reese, B. Beresford, D. Miller, and R. Ender.



JOINING in the nationwide bell-ringing ceremony to celebrate the United States' 188th birthday anniversary are Darrell and David Vance of 55-C Cord St. Bell was borrowed from CPO club for the Elks Lodge observance of July 4.

Gala July 4th Program

(Continued from Page 1)

to the new Queen. Miss Little League is selected KRCK, will be community and by a panel of judges comprised civic groups, veteran organiza of two boys from each league. tions, and service clubs. Each team is permitted to nominate one candidate for the title. The girl must be between the ages of 8 and 12.

Following the crowning ceremonies, an exhibition game will be played between the Major League 12-year-olds and the Little League managers and coach-

At 9 p.m. the fireworks display starts. The fireworks are again being donated by the Bermite Powder Co. and will be fired by a crew of volunteers, Ken Foote, Dick Breitengross, Ed Allen, and Art Breslow, and the supervision of Mike Mamula. Fireworks may be watched from Blenman Park or the adjacent Kelly Field.

Bell Ringing Ceremony Elks Lodge No. 1913 will again sponsor the "Let Freedom Ring" program in which bells will be tolled for a period of four minutes at 11 a.m. on July 4th to commemorate the signing of the Declaration of In-

dependence 188 years ago. Participating in the program,

which will be broadcast live over Radio Stations KLOA and



DIANE BOYACK 'Miss Little League' To Relinquish Her Crown.

MEET WINNERS - First place winners in the 15-16-17-year old events front row (I-r) are Indian Wells Valley swimmers in the 200 m. freestyle relay Donna Brunton, Jane Winward (also 50 m. breaststroke and freestyle), Phyllis Haig (also 100 m. individual medley), and Tandee Barnett; Bonnie Blakey, 50 m.

backstroke, Mojave. Back row (I-r) Steve Compton, 50 m. butterfly, IWV; Mojave's 200 freestyle Relay winners Steve Uetz (also 50 m. breaststroke), John Gallon (also 50 m. backstroke and freestyle), J. Powers, Chet Smyth; and Antelope Valley's Mike Collins, 100 m. individual medley.

Kunz-NAF

SPORTS REVIEW

BY BILL BORGSTADT

Being a manager for one of the Colt League teams and noticing the lack of attendance at times, I would like to encourage all sports loving fans to attend the baseball games taking place on the Station — from the Little League's majors and minors, T-Ball, Farm League, Pony League through the

Little League majors play every Monday, Tuesday, Thurs day, and Friday nights at 8 p.m. on Diamonds No. 3 and 4 Little League minors play every Monday, Wednesday, and

Friday nights at 8 p.m. on Diamonds No. 1 and 2. Farm League games are played every Tuesday, Thursday, and Friday nights at 7 p.m. on Diamonds No. 1 and 2.

T-Ball games are played every Monday and Wednesday night at 5:45 p.m. on Diamonds No. 3 and 4. Pony League games are played every night of the week

on the Pony League Diamond (across the street from Kelly Field) starting at 5:30 and 8 p.m.

Colt League games are played Sunday through Friday beginning at 8 p.m. on Schoffel Field.

SPONSORS' NIGHT PLANNED FOR JULY 19

Currently being planned is a Sponsors' Night, a prize night in which all players and fans will be eligible for prizes. The

It will feature two ball games - a Pony League game at 5:30 p.m. and a Colt League game at 8 p.m. More about this as plans are worked out.

CHINA LAKE TO HOST BARSTOW JULY 24-26

MAJOR LEAGUE ROUNDUP

their seasonal move but the Orioles could be tough if the rest of the league could beat the Yankees occasionally.

NEW SPECTATOR SPORT REPORTED

It has been reported that a new "spectator sport" may soon replace "surfing" and "muscle building" at southland

Summer Hours Listed	Little League Results
or Station Swim Pool	June 25 Red Sox 9, Dodgers 5
Monday through Thursday —	Pirates 5, Yankees 0 June 26
:00 p.m. to 5:00 p.m. and 6:30 o 8:30 p.m.	Red Sox 6, Giants 0 Yankees 3, Tigers 2
Friday-Closed.	June 29 Dodgers 8, Giants 4
Saturday — 1:00 p.m. to 5:00 p.m. and 6:30 to 8:30 p.m.	Pirates 11, Tigers 1 June 30
Sunday-1:00 p.m. to 6:00 p.m.	Yankees 6, Dodgers 5 Pirates 2, Red Sox 1

8:30 p.m. Kunz-Merchants July 8 VX-5-NOTS 6:30 p.m. NAF-Public Works 8:30 p.m. Little League Standings Won Lost

Softball Schedule

July 6

8:30 p.m.

NOTS-Merchants 6:30 p.m.

July 7

VX-5-Public Works 6:30 p.m.

e	Pirates	0	1
	Red Sox	6	3
s-	Dodgers	4	5
	Yankees	4	5
d	Tigers	2	6
	Giants	2	6

Little League Schedule

8 p.m. Diamond July 3 Tigers vs Giants Pirates vs Dodgers Major League playoff between first half winners, Giants, vs second half winners, yet to be decided, on Monday, Wednesday, Friday, July 6, 8, and 10.

Farm League Standings Won Lost Team Reds Cubs Angels

Padres 1	9
FARM LEAGUE RESUL	TS
June 24	
Reds 12, Cubs 9	
Padres 1, Angels 17	
June 29	
Padres 19, Reds 17	
Cubs 14, Angels 13	

T-Ball Standings

	Won	Lost
Senators	6	0
Lions	4	2
	2	4
Terriers		6
T-BALL RE		
Senators 21, Bu		
Lions 23, Terrie		
June		
Bucs 31, Terrie	and the second se	
Senators 20, Li		
Call Lawrence	Cound	
Colt League (As of Ju		ings
(AS 01 30	Won	Lost
Angels		3

Colt League	Standings		
(As of Jun		Lost	
Angels	6	3	
Colts	5	4	
Dodgers	4	5	

Giants

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THE ROCKETEER

Friday, July 3, 1964







AT BRIEFING prior to the run, Hal Richey, NOTS direc-tor of the Titan III test, explains various statistics to the official observers.

RIGHT: L. G. Garman, Head of the SNORT Division of NOTS Test Dept., is congratulated by former NOTS man, George Todd (left) now with Aerospace Corp., after the successful track run.







DESERT SAND was solidified into glass by intense heat of burning propellant.



TARGET was comprised of 20-by-20 ft. wall of steel-rein-forced concrete, six feet thick, backed by 20-by-20 ft. steel plate, three inches thick, and earth fill. Wooden walls flank-ing concrete were merely to hold back the earth fill.



AFTER the test, only part of the earth fill remains, and a crater contains chunks of the disintegrated concrete target and pieces of the motor segment. Steel plate was thrown over the earth fill. It buckled, but did not break up.

Friday, July 3, 1964

yond its original target posi-

yards beyond steel plate, or



NOZZLE of Titan segment lies in crater created at target site.

Page Six

ROCKETEER

\$\$\$ Dollars \$\$\$

Not Pennies For

Your Thoughts!

Beneficial Suggestion Awards

of \$15 each were recently award-

ed to two Public Works people.

Vickey Hewitt, Fiscal Account-

ing Clerk, suggested a sign

reading, "Caution, Pedestrians

and Vehicles," be installed near

Bldg. 11 and the transportation

area, thereby reducing a hazard-

H.D., was rewarded for suggest-

ing "Blocks for Hydraulic Hoist."

Bumpers were installed on the

trucks to protect the equipment

and as a safety measure also

by preventing the hoist motor

starting up and raising the hoist

Thorkel H. Jensen, Publica-

tions and Photo Branch Head,

thought up \$45 worth when his

idea on photocopying was put

Paul E. Walsh, Truck Driver,

ous traffic area.

accidentally.

Friday, July 3, 1964



EDWARD G. JONES BM1 (DV), USN, received oath of enlistment from CWO-4 D. J. McCafferty, Recovery and Salvage Officer, at the NOTS Long Beach Facility. Jones, presently attached to the Diving Division, re-enlisted for six years. He arrived on station in October, 1963, from duty aboard the USS Kittiwake (ASR 13) where he served in a diving billet for five years.

PERSONNEL STATISTICS

New Employees UOD-Ronald Rodeman, Civil Byer, Physicist.

Administration - Virginia C. A. Lindquist, Truck Driver; Rob-Spears, Clerk Typist.

Secretary-Steno.

Virgil Anderson, Civil Engineer. Guard; Margaret L. Kendall, year devoted to safety educa- military officers with whom she Engineering - Gordon B. Clerk Typist.

Levy, Electrical Engineer. Terminations Engineer; Gary D. Drage, Me- Public Works - Aubrey V. into effect. chanical Engineer; Robert L. Burks, Heating Plant Operator; John W. Gray, Electrician; Glenn SAFETY STRESSED

ert M. Catlin, Cable Splicer. tary-Steno.

Supply - Bernice D. Snyder, Supply - Joan Wright, Secre- the Engineering and Grading Contractors Association maintion and instruction.



NOTS Pasadena

VIRGINIA E. LIBBY - EXT. 638

MABEL DRESSLER, retiring Operations Office secretary, shown with LCdr. O. F. Rapelyea, recently retired Operations Officer (1), and Lt. C. W. Amick, present Operations Officer, at a party given in her honor at the Officer's Club, Los Alamitos.

Officers Host Retirement Each of the 13 chapters of Party For Mabel Dressler

About 75 friends and associates attended the retirement Public Works - Glen C. Gei- Administration - James A. tains a safety committee and party for Mabel Dressler at the Officer's Club at the Los Alamitos ger, Heating Plant Operator; Cherry, Guard; Bert L. Carlson, holds at least one meeting per Naval Air Station last Friday night. The party was hosted by worked.

Pasadena, Long Beach, and San Operations Officer. Clemente Island.

for Mabel, the officers present- legal secretary in the Los Aned her with a silver jewel box, geles area. inscribed, "To Our Lovely Lady, During her tour of duty with

whom she has worked have been plishment Awards. 'my boys." Likewise, she has For the dedication to duty during the past 10 years.

Pasadena, Mabel has spent the While her primary job was entire time in the Administra-Secretary to the Operations Of- tion Staff of the Officer in ficer, she also made herself as- Charge, the last 10 of which sistant to all NOTS military at were that of Secretary to the

Prior to her employment at As a token on their esteem NOTS in 1949, Mabel was a

from the Officers of the U.S. the Navy, she has received two Naval Ordnance Test Station." Outstanding Performance Ra-To Mabel, the military with tings and three Superior Accom-

been the guiding light and "our and the warm friendliness which Mabel" to many young officers Mabel has always displayed, she will be greatly missed by mili-During her 15 years at NOTS tary and civilians alike.



EIGHTEEN SUMMER EMPLOYEES repre- UCLA: Donald Chivens, CalTech: Gerald Tarsenting 13 colleges and universities were re- low, USC; and John Diebel, CalTech. Not prescently conducted on a station orientation tour. ent for picture were Lee Chase, Berkeley; Front row (I-r) are Robert Parker, Lewis & Clark; Thomas Bowles and Thomas Nordstrom, L. A. State; Richard Brown, Stanford; Tenny Keil, Whitman; Joel Young, CalTech; and Robert Whelchel, Purdue. Back row (!-r) are James Mann, USC; Leslie Walker, L. A. Poly; Joel Seidman, Stanford; Edward Jahn,

Arthur Duncan, UCLA; Roy Erickson, University of Michigan; and Lynn Garner, University of Utah. The young professionals also visited Morris Dam. Reporting since the tour are Felix Venable, University of California at Los Angeles, and Professor Emmett Day, University of Washington.



LENGTH OF SERVICE PINS ceremonies were recently attended by (I-r) D. J. Wilcox and D. A. Kunz; recipients-Alfred O. Fey and Luis Marquez; and Captain G. H. Lowe. Fey marked his 30-year milestone in federal serv-

ice, having been with NOTS the last 151/2 years; while Marguez has been with NOTS for 9 years and now celebrating his 20th year in government service. Both are employed with the Range Branch, UOD.



D. J. WILCOX, Head, Underwater Ordnance Department, gestures as he explains the workings of the numerically-controlled milling machine to Malcolm P. Ferguson, Corporate President of Bendix, as J. H. Jennison, Head, Product Engineering Division (center) looks on; and Fred A. Anderson, Head, Manufacturing and Products Engineering Branch (extreme right), displays propeller which has just been completed by the milling machine. The machine is controlled by Bendix Dynapath Unit. Shown in background are C. G. Beatty, Head, Torpedo Development Division; and David H. Brown, General Manager of Bendix, North Hollywood. Other visiting Bendix executives were George E. Stoll, Director and Executive Vice President, and Richard C. Fuller, Vice President and Group Executive, Bendix, North Hollywood.

1938.

reau of Weapons and Commandant of the 11th Naval District, read at retirement ceremonies by Captain Leon Grabowsky, Station Executive Officer, lauded the retiring four-striper's many contributions to the Navy and the dedication represented by his long years of service. Captain Grabowsky assumed

military and civilian dignitaries, ed 28 years of service. Cere- China Lake from the USS Rangfamilies of those retiring and monies were held at Armitage er and had served as NAF's formations of China Lake mili- Field in his honor. tary personnel, Capt. Blenman LCdr. Laurence M. Ellefson, LCdr. Stanley C. Schold, Sr., his successor.

Pass in Review from his command came as a ed here. "Pass in Review" by officers Air Facility units.

Friday, July 3, 1964

Service of 8 Officers Spanned Nearly 200 Years

Ceremonies Mark End of **Navy Careers**

Nearly 200 years of career Navy service drew to a close here Tuesday with the retirement of eight local officers whose assignments in aviation, surface ships and submarines had ushered in an era of nuclear power.

Captain Charles Blenman, Jr., senior member of those ending their Navy careers, completed 34 years, starting at the U.S. Naval Academy in 1930.

His initial sea assignment came in the cruiser, USS Chester and he subsequently won aviator wings at Pensacola in

BuWeps and Com11ND Letters from the Chief of Bu

early August.

strains of "Auld Lange Syne" class of 1944. and closed the ceremony with He had come here from duties Caliente. "The Navy Hymn."



troops passing in review to climax Tuesday's ceremonies on

interim command here, pending day, LCdr. Adolph Hengl, who in mid-1962. the arrival of Captain John I. came to China Lake to serve LCdr. William H. Abney, at-Hardy from the USS Hornet in with Air Development Squadron- tached to the Naval Air Facility Five as Maintenance Officer un- since late 1962, ended 22 years Addressing an audience of til his retirement this week, end- of service. He had reported to

marked in reference to employ- year period. The final gesture of respect ment which Ellefson has accept-

Ex-Submariner

with the U.S. Naval Underwater Lt. Edward V. English, Spe-

Earlier in the morning Tues-| Ordnance Station, Newport, R.I.,

Maintenance and Safety Officer.

called his retirement "gradua- Air-to-Ground Weapons Officer another NAF officer, had reporttion," thanking those at China since his arrival here in early ed here in Aug. 1962 and serv-Lake who had served him dur- 1960, drew special praise from ed as Administrative and Legal ing his tenure since mid-1961. Capt. Blenman, for his "many Officer. A Naval Avaitor whose He called for the "continued contributions to NOTS." assignments included numerous support" of China Lake's mili- "NOTS is fortunate to have Pacific combat missions during tary and civilian personnel for the continued services of Com- World War II, LCdr. Schold's mander Ellefson," the Capt. re- career spanned more than a 20-

ComAd Officer

Former Commanding Officer of the NOTS Enlisted Personnel and men of NOTS and Naval LCdr. Robert G. Douglas, Mili- Division and since 1963, Comtary Assistant in Research De- mand Administration Officer, The Navy band attached to partment and former skipper of LCdr. Phillip F. Mohr, closed Commander, Air Force, U. S. two submarines, had been grad- out his 21-year Navy career. He Pacific Fleet played traditional uated from Annapolis with the had reported to China Lake from duties aboard the USS





COMMENDATIONS from BuWeps and Com11ND are presented to retiring ComNOTS, Capt. Charles Blenman, Jr. (left) by his relief, Capt. Leon Grabowsky.

cial Services Officer for NOTS since arriving here in mid-1962, had joined the Navy as an enlisted man 24 years ago. A veteran of cruiser-destroyer duties, Lt. English participated in 17 major Pacific theater engagements during World War II.

The ceremonies that accompanied the change-of-command and retirement included a flyover salute by a trio of NAF planes.

Blenman Portrait

The portrait of Capt. Charles Blenman Jr. which appeared on the front page of last week's Rocketeer was taken by Bill Fettkether of the Presentations Division of the Technical Information Dept.

Will Forman on TV

Will Forman, design engineer of the Engineering Dept., will be interviewed on the CBS-TV show, "Panorama Pacific," next Thursday, July 9. The show is on from 8 to 9 a.m., Channel 2. Forman will talk about the LCDR. ADOLPH HENGL was French diving saucer, "Sou- retired in ceremonies at Armcoupe.'



itage Field.



CAPT. BLENMAN addresses crowd of military and civilian dignitaries attending the retirement ceremonies. In back row seats are other retirees. In front row are Chaplain

Robert C. Fenning, Capt. Leon Grabowsky, Chaplain Joseph A. Costa and Capt. Floyd F. Reck (standing). Each retiree was presented a U. S. flag.