

# 1st Military Bowling Tourney Ready To Go

China Lake's first annual military bowling tournament, sponsored by Special Services, will get under way at the refinished alleys at the China Lake Bowl on Tuesday, August 10, at 8:30 p.m.

All interested in joining the action should call Eve Yelland at ext. 8300 or 8315 or the China Lake Bowl at ext. 72006 for details.

## LaV McLean To Host Party For JP Wives

Trophies will be waiting for team champions, doubles champs, singles and all events winners. Prizes for top performances, donated by tournament sponsors, include a clock radio from Ace TV, a \$20 gift certificate from Western Auto, and one new bowling ball each from Food Center Bakery and Laura Scudder's.

LaV McLean, wife of the Station's Technical Director, will again host the annual coffee and swim party honoring Junior Professional and summer employees' wives to be held at the Officers Club pool Tuesday, Aug. 10, from 9:30 a.m. to noon.

Women of the community are invited to attend the function to become better acquainted with the wives of our JP's and summer employees.

Guests are asked to use Swim Pool entrance behind 'O' Club.

Poolside attire, shorts, bathing suits, and low shoes will be appropriate.

This first-of-its-kind event will be a handicap tournament open to all military people, active and retired, in the China Lake Area, according to tournament directors Chief Engineman Joseph Kokosenski and Bowl manager Fred Dalpiaz.



POLISHING HIS STYLE in preparation for China Lake's first military bowling tournament is Radioman First Class John Senft of NOTS Communication Div. He'll be shooting for some of the trophies displayed on return rack.

# SHOWBOAT

FRI. AUG. 6  
"THE AMOROUS ADVENTURES OF MOLL FLANDERS" (115 Min.)  
Kim Novak, Richard Johnson  
7:30 p.m.

(Comedy in Color) Naughty, but nice, tale of a buxom orphan whose ambitions progress her from man to man, sometimes for security and often for sheer love. This is reminiscent of "Tom Jones" and is the film in which she fell in love with her husband, Johnson. The merriest uninhibited wench in Merrie Olde England. Spicy fun only for... (Adults).  
SAT. AUG. 7

-MATINEE-  
"TWILIGHT IN THE SIERRAS" (67 Min.)  
Roy Rogers  
1 p.m.

SHORTS: "Sentimental Romeo" (7 Min.)  
"The Monster and the Apes" (19 Min.)  
-EVENING-  
"THE FINEST HOURS" (114 Min.)  
Narrated by Orson Welles  
7:30 p.m.

(Documentary in Color) One of the very best documentaries ever made! It maintains interest throughout as it shows the heroic adventures, the humor, the heart of one of the world's greatest leaders from boyhood to Prime Minister. Did history make the man, or did the man make history? In full color as colorful as his life. (Adults, Youth and Children).  
SUN.-MON. AUG. 8-9

"KIMBERLY JIM" (82 Min.)  
Jim Reeves, Madeline Usher  
7:30 p.m.

(Adventure in Color) Two carefree American adventurers win an African diamond mine in a shady poker game, cut in the former owner and his pretty daughter and fight the local villain who withholds much needed water for mining. The rollicking devil-may-care pair fill the town with fun, dancing girls and fortunes. (Adults, Youth and Children).  
SHORT: "The Old Soldier" (26 Min.)  
TUES.-WED. AUG. 10-11

"HOW THE WEST WAS WON" (152 Min.)  
James Stewart, Henry Fonda, John Wayne, Carroll Baker, Debbie Reynolds  
6 and 8:45 p.m.

(Super Western in Color) A spectacular saga of a New England family who migrate to the Ohio River Valley. The Civil War, the gold rush, the arrival of the railroads and law and order that followed, and of Indian skirmishes galore. The untamed west, its railroad holdups, buffalo stampedes, shooting the rapids with rafts and a spectacular train wreck all add up to thrills and drama never filmed as realistically before. (Adults, Youth, Children)  
THURS.-FRI. AUG. 12-13

"GIRLS ON THE BEACH"  
Martin West, Morna Corcoran, the Beach Boys  
7:30 p.m.

(Musical in Color) A group of young surfers get into a barrel of trouble when they try to impress a bikini-clad gang of vacationing coeds that they can get the Beatles to appear at the girls' benefit film show. The jet action surf set is loose! (Adults and Mature Youth)  
SHORTS: "Half Fare Here" (7 Min.)  
"Fabulous California" (18 Min.)

## Physical Exams Will Be Offered Students Here

Physical Examinations for China Lake Navy dependents headed for school the coming fall semester have been scheduled for Thursday, August 26, and Thursday, September 2, announced LCdr. J. M. O'Lane, acting Senior Medical Officer.

To be held at the Station Hospital, the exams will be offered for boys on August 26 and for girls on September 2. On each date, exams for those 12 years old and under are set for 8:30 to 10:00 a.m., and for those of 13 years and older at 10:00 to 11:30 a.m. LCdr. O'Lane asked students taking advantage of the service to bring with them any physical by their own schools.

## Museum Group Sets Fun Frolic

The Friends of the Maturango Museum will host a "Fun Frolic" Friday, August 6, at 6:00 p.m., including a buffet supper, singing, and dancing by the Popular Music Instrumentalists Club, and a white elephant sale.

The poolside event will be at the home of Glenady and Bill Puckett, 256 Florence St., Ridgecrest. Proceeds will go to strengthen the Museum.

Reservations Required  
Those interested should make reservations with committee chairman Liz Robinson at ext. 71349. Friends president Marie St. Amand at ext. 77743, finance chairman Rose Merriam at ext. 724232 or Shirley Schneider at FR 5-4291. Donations of white elephant articles are also invited by Mrs. Schneider, 217 Florence St., Ridgecrest. They may be deposited at her home before noon or at the Museum tomorrow and Sunday from 2:00 to 5:00 p.m.

## Analogue Yields To Digital Style

(Continued from Page 3)  
relatively difficult to set up for solving other types of problems, and are often not as accurate.

Digital computers were rather slow once, but have come along well. The quantities they handle are fed to them in combinations of on-off signals. They are quickly adaptable for solving a variety of problems — from missile launchings to controlling pay records to keeping track of the canned goods on board — using the same basic computer.

And, since they need only enough power to produce an "on" or an "off" response, the power supply need be less elaborate.

Computers Team Up  
The 1218 computer receives information gathered by the ship's radar and calculates launcher orders by the digital process. The digital orders are then given to DASS, which translates them into analogue form required for a separate launcher drive mechanism.

"As it stands now," says Data Systems Technician First Class Krueger, "they still need the analogue servo drive system to operate the launcher smoothly. Some day we may be able to have an all-digital servo system."

Krueger, head of the DASS digital system's Navy complement, has worked a year and nine months with the project, and is one of nine Navy men working with the system under Chief Richard H. Benbow. Lt. Phil A. Miller heads operations at the facility.  
"It's a real education working with this project," says Krueger, "and I'd like to see it work out as well as it promises to do now. When it is finally proved, and the computers miniaturized, it will be a real boost to Navy firepower."



PAUL SEATON, AC2PH

## Rocketeer Staff Photographer Retires on 20

Rocketeer staff photographer, Paul E. Seaton, was honored with traditional retirement ceremonies by his CO and shipmates last Friday as he ended 20 years of active duty.

Seaton served as staff photographer on the Station's paper since his arrival here in October of 1963 from a three-year tour of duty as top lensman with the famous VW-4 Hurricane Hunters at Jacksonville, Fla., and Puerto Rico.

The Ohio-born Navyman enlisted at Columbus and took his boot training at Great Lakes, Ill.

Following boot training, he was assigned to the Advanced Training Assembly Base at Lido, N.Y. He then drew subsequent duty with ACORN 25 and a Carrier Aircraft Service Unit in the South Pacific.

He drew two tours of duty at the Naval Air Station, Columbus, Ohio, prior to his assignment to the Hurricane Hunters.

Seaton holds the Good Conduct Medal (four times), the American Campaign Medal, the Asiatic-Pacific Medal, the World War II Medal, the National Defense Service Medal, and the Korean Service Medal.

In addition, he has been the recipient of many letters of commendation for his outstanding photographic work.

# VX-5 Flyers Home From Kitty Hawk Deployment



Vol. XX, No. 31 Naval Ordnance Test Station, China Lake, California August 6, 1965



MAKE READY FOR LAUNCH—Crew makes Kitty Hawk of VX-5's Skyhawk with NOTS-developed SADEYE hung on the center line.

## 14 Pass CarQuals, NOTS SADEYE Put Through Paces

Fourteen pilots and an 18-man maintenance crew from Air Development Squadron Five are back from a recent two-day deployment aboard the aircraft carrier, USS Kitty Hawk (CVA-63).

The shipboard assignment included initial operational evaluation of SADEYE, a NOTS-developed cluster type bomb, in addition to refresher landings and carrier qualifications for officers attached to the squadron.

During the two-day period, four of the Squadron's new pilots qualified in the A-4 Skyhawk while 10 passed their refresher qualifications.

LCdr. T. L. Lloyd Jr., Operations Officer, coordinated the carrier qualifications between the squadron and the ship.

He reports that the 1,081-ft., 82,000-ton conventionally powered Kitty Hawk is the most modern and best equipped attack carrier in the Navy, following her eight and one-half-month overhaul at the Puget Sound Naval Shipyard.

14 Pass Refresher Quals  
Fourteen pilots, led by the VX-5's CO, Cdr. Don Loranger, passing their carrier refresher qualifications were:

Cdr. G. W. Meyer, Cdr. J. S. Clauzel, LCdr. R. E. Cooper, Lts. L. E. Garrett, J. C. Braest, E. E. Wanglie, R. K. Kauber, L. C. Showman, Maj. J. H. McGee, USMC, Capt. R. A. (Gus) Gustafson, USMC, and Capt. W. W. Von Hausen, USAF, attached to VX-5.

An Air Force pilot can hardly wear Navy Wings, so Capt. Von Hausen's fellow pilots, in (Continued on Page 5)

## CROSSWORD PUZZLE

Crossword puzzle grid with clues. ACROSS: 1-Mix, 6-Dirties, 11-Contemptible (slang), 12-Red-yellow color, 14-Limbs, 15-Metal fasteners, 17-A state (abbr.), 18-Experimental room (colloq.), 19-Intertwines, 20-Likely, 21-Near, 22-Titles, 23-Competent, 24-Altar screen, 26-Haste, 27-Carpenter's tool, 28-Transaction, 29-Frolic, 31-Dis courage, 34-Row, 35-Gem weight, 36-Note of scale, 37-Be mistaken (abbr.), 38-Restricted, 39-Rodent, 40-Parent (colloq.), 41-Blackbird, 42-European, 43-Hit, 45-Dwarfs, 47-Ardent, 48-Diner. DOWN: 1-Chastise, 2-Young sheep, 3-Worm, 4-Baseball organization (abbr.), 5-Machine for converting mechanical energy to electrical energy, 6-Pignons, 7-Lubricates. Answer to Previous Puzzle: CAT STRIA SHA, ABETAILS WAG, PANDORA CHOLE, DUPE MOORE, HORSE SOUNDED, OMIT ATONE RR, PEL BLEND PRO, EC SALES FLOP, SHIPLETS FLOPS, BELLY DARN, CREDO VINEGAR, AIT THANK ERE, BOG SITES RAS.

## Pots, Pans Asked For Hospitality Kit

Now hear this: the wives of China Lake's Navy Relief Society are now working to build up their supply of housekeeping items for the Hospitality Kit, and ask all householders to keep the Kit in mind when making their kitchen inventories.

Mrs. Arthur E. Molloy announced that pots and pans and cooking utensils, baby beds and high chairs, dining utensils and other items are needed after last week's inflow of Navy and civilian families to China Lake — in advance of their household goods.

Over a year old, the Hospitality Kit program lends necessary items to incoming families until their own goods arrive.

China Lakers having any extra items or discards should call Mrs. Molloy at ext. 724621, or bring them to her home at 117 Coral Sea Circle.

Almost half the funds collected by the American Red Cross are used to support national programs such as services to armed forces and veterans, the blood program and disaster services.



GETS 600-HOUR NAVY RELIEF PIN—Mrs. P. E. (Ellie) Johnson is presented 600-hour Navy Relief pin by Chaplain R. W. Odell. Present for the occasion was Mrs. R. R. (Phyllis) Yount, chairman of Navy Relief Interviewers.

Form for requesting a stamp. It includes fields for 'From' and 'TO', and a box labeled 'PLACE HERE STAMP'.

## Toastmasters Appoint China Lakers To Area Governor Posts



NEW HIGH OFFICIALS in Toastmasters International are China Lakers Bill Baker (ctr.) and Judson Eldridge (r.). Area Four Governor Baker, of Club 853 (China Lake), and Assistant Governor Eldridge, of Club 899 (Ridgecrest), receive their certificates of appointment from Russ G. Herron, District 12 governor, at Toastmasters Governor's Ball in Camarillo, California. District 12 covers southern Nevada and California. Event honored new district officers and outstanding achievements of past district leaders.

## 12 Blind Volunteers Aid Navy Research

NAS Pensacola, Fla. (AFPS) —Twelve volunteers from the United States Armed Forces Florida School for the Blind, St. Augustine, Fla., recently participated in aerospace research experiments at the U.S. Naval School of Aviation Medicine here.

Effects of Environment  
Research previously had been conducted to determine the effects of rotating and tilting environments on the deaf and on people with normal hearing and vision. Present research will provide comparative studies to determine the reactions of the blind to such environments.



## Biggest Rain for July Gives Fun, Headaches

Memories of the spectacular fireworks display held here at NOTS for Independence Day had hardly faded last weekend when the China Lake sky, jealous of the competition, came up with its own reply late Thursday night, July 28.

And with it — the heaviest rainfall in the experience of many long-time China Lakers! Beginning a quarter-hour before midnight and continuing — with heavy local bursts — all day Friday until about 3:00 p.m., the accumulating rain brought headache or heyday, depending upon one's age.

Records Fall, Deluge Threatens  
Bel Frisbee, head of Instrument Operations Division's Photographic Section for Test Department, is an amateur weather observer of long standing. He kept a running record of the storm's activities, and reports its antic behavior.

Downpour Plays Favorites  
Some China Lake householders, while sweeping muddy water out of their doors, were overheard Friday to give four or five inches as the effective (Continued from Page 4)



# China Lake Receives Record Downpour



**RADIATING JOY AND TRIBULATION**, the area around the corner of Groves and Richmond Streets seemed to be the center of flood-gathering upon the record downpour Friday, July 30. The waters proved irresistible to children. —Photos by Randy Eady, Code 3061

## NOTS Records Heaviest Rain

(Continued from Page 1) rainfall in their locality. Others scarcely noticed it.

"A friend of mine in Ridgecrest stayed dry all noon hour while the area around my home was getting drenched," Frisbee reports. "Just to show how selective the storm was, Charlie Range recorded .63 inch for the duration, Instrumentation Lab had .15 inch, Tower 8 had .84 inch, NAF had .87 inch and the Inyokern Fire Station measured only .20 inch."

tic skies on this occasion — no doubt a great relief to most China Lakers, and perhaps a small disappointment to the youngsters.

### Counseling Service Will Close for Short Vacation

The Desert Area Family Counseling Service will be closed for staff vacations during the week of Monday, August 9. Services are to resume the following Monday, August 16.

### China Lake Gets Reprieve

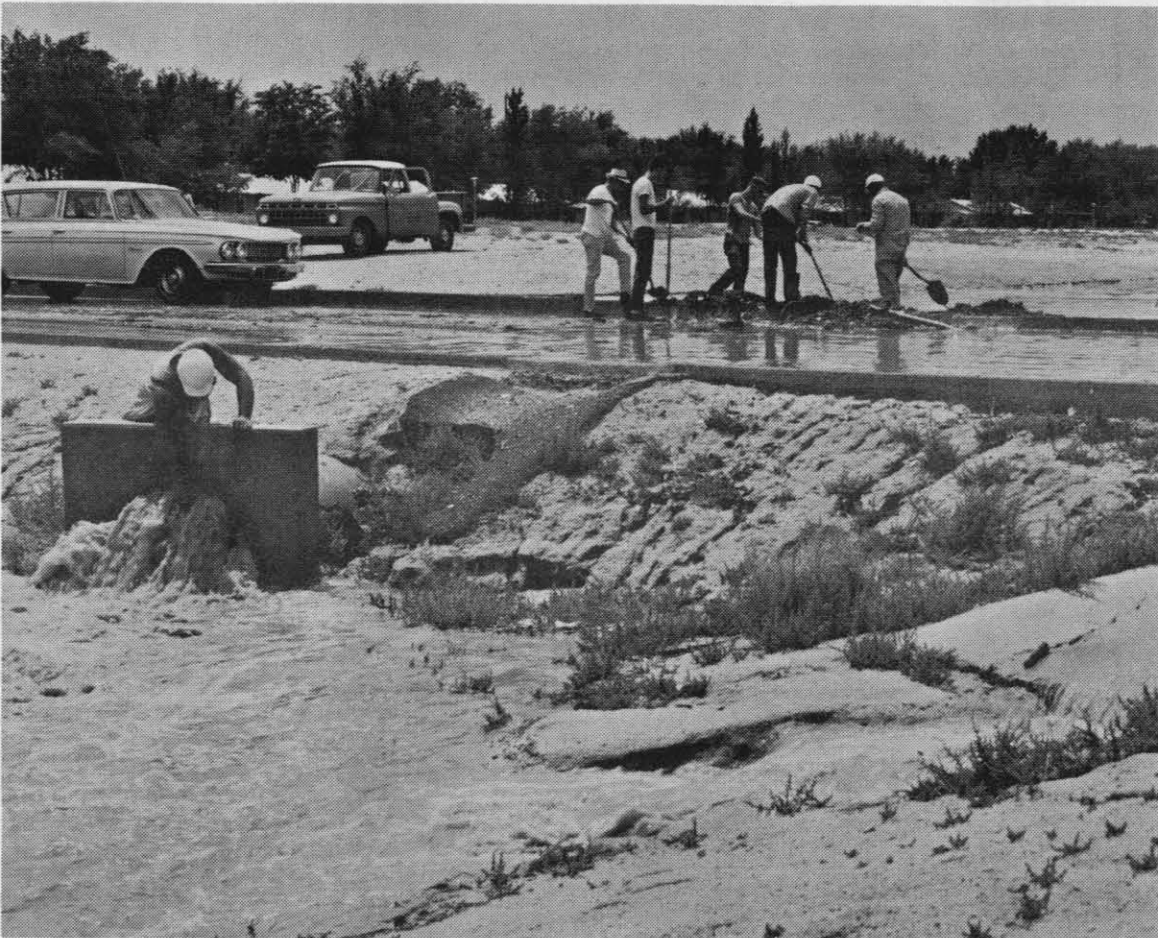
"Little probability of any significant improvement through Monday," stated Friday's weather report by the Atmospheric Studies Branch. Like forecasters everywhere, the Branch's scientific prognosis was neatly foiled by the an-



**IT WAS BUSINESS AS USUAL**, or nearly so, elsewhere on station, as at Swietzer Circle near the main gate, as people plow along in spite of flood. Rocketeer office and Maturango Museum (center, back) stayed high and a little drier. —Photo by Jerry Willey, PHAN

**Early Traffic Accident**  
**Boston (AFPS)** — Back in 1861, a military traffic accident was reported when a General Atherton was killed one night when the horse he was riding across Boston Common collided with a grazing cow.

**MAKING EVERY MINUTE COUNT** while the waters last, these young China Lakers get in their boating before their mothers grab them for home mopping-up operations.



**KILLJOYS FROM PUBLIC WORKS** labor to un-clog drain at Groves and Richmond. "Lake" waters pour through outlet, under watch of Amas Crowe, Jr. Freeing them at

the other end are (l-r) John Mussler, Harold Phillips (Burroughs H. S. grad), Robert Guinn (a June grad), Russell Halcomb and Elmer Davis.

# VX-5 Aboard the Kitty Hawk

(Continued from Page 1)

a gesture of respect, presented him with a special set of Navy Wings mounted on a mahogany plaque.

### SADEYE Tested

Marine Capt. "Gus" Gustafson, VX-5's SADEYE project officer, headed the test and evaluation of the effect of arrested landings and catapult launchings on the NOTS - developed 750-lb. cluster type bomb.

Capt. Gustafson flew two sorties from the Kitty Hawk to make drops on Baker Range, while Cdr. George Meyer flew one sortie for a Baker Range drop.

Lt. Al Blunden monitored the handling operations of SADEYE aboard the Kitty Hawk.

### Effectiveness Studies

In addition, a combination of studies were made of the effectiveness of SADEYE when one weapon was hung on the center line of the A-4 Skyhawk, and when one weapon was hung on each inboard wing station.

NOTS civil service personnel aboard the Kitty Hawk were Jack H. Lyons Jr., SADEYE project engineer for Code 40, and Lee LaRosa of Code 55.

### Crew Win Plaudits

The 18 - man maintenance headed by Lt. J. R. Kay and Chief Robert J. Weidinger won the plaudits of all the pilots. Crew members were Joseph J. Jardinski, ADJ; Clyde T. Pruett, AMS2; Richard J. Bannister, AMS3; Scott A. Burns, AO2; Lloyd E. Parsons, ATR3; Frederick A. Moerke, ATN3; Vernon R. Snyder, ADJ3; Edward A. Seffel, AE3; David L. Woolsey, AO3; Jerry W. Wright, AMH3; Henry Meyers, AZAN; James C. Davis, SN; David E. Ames, AN; Gilbert A. Cicci, AN; Paul D. Wehrle, AN; Larry G. Alderson, AA; and Jack Pierce, PHC.



**SCOTT BURNS**, aviation ordnanceman, (above), loads SADEYE on inboard station of an A-4 Skyhawk during deployment aboard the Kitty Hawk.

## VX-5 Flyers Honor AF Pilot Von Hausen



**CAPT. VON HAUSEN**, an AF pilot, who deployed aboard the Kitty Hawk with the Squadron, was presented set of Wings by VX-5 flyers. The Navy Wings were mounted on a mahogany plaque for the former Air Force test pilot, who is assigned to the Squadron.



Photos By JACK PIERCE, PHC

SADEYE, the NOTS-developed 750-lb. cluster-type bomb, is shown in closeup on the inboard station of an A-4 Skyhawk.

# Cdr. Speciale, Chief Fincher Retire at NAF

Commander J. F. (Jack) Speciale, NAF Projects Officer, and Chief S. V. Fincher, were honored at retirement ceremonies last Friday at the Naval Air Facility.

Cdr. Speciale entered the Navy in 1942 after attending San Jose State College for two

years. He was designated a naval aviator and commissioned an ensign on April 1, 1944. During World War II he served with a torpedo bomber squadron.

His varied career also included two tours as a flight instructor, an assignment to an

anti-submarine squadron and duty with a jet attack squadron and jet interceptor missile squadron.

He reported to NAF in August 1963 from the Staff of Commander in Chief, U.S. Naval Forces Europe, London, England.

He feels his assignment to China Lake is his most enjoyable tour. "The flying, recreational facilities, and desert living is wonderful and we'll miss it."

He also recalls a tour of duty flying the FTU "CUTLASS" aboard the carrier Bon Homme Richard as his most interesting. He quipped "Things seldom got dull."

Cdr. Speciale and his wife, Betty, will reside in Campbell, Calif., with their five children; Deborah 17, John 15, twins Susan and Catherine 9, and Michael 4. After catching up on his golf, fishing and some relaxing, he plans to pursue a second career.

### Fincher Retires On 22

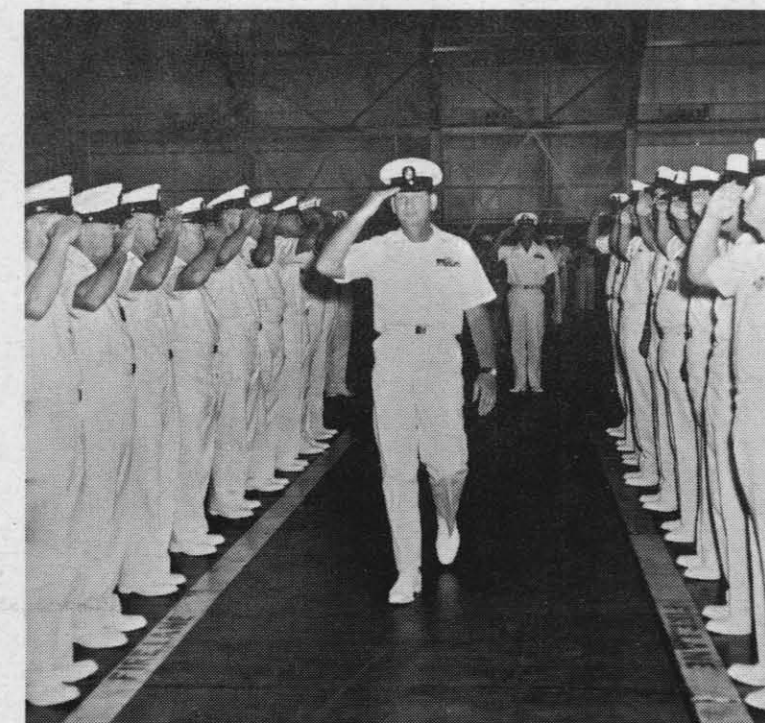
Sam V. Fincher, Chief Aviation Electronics Technician, transferred to the Fleet Reserve after 22 years of naval service. He reported to the Naval Air Facility in December, 1964, from the Staff, Com-

mander Naval Air Forces Pacific.

Chief Fincher has served aboard the carriers Kitty Hawk, Hancock, and Lexington. Additionally, he has seen duty with several fighter squadrons and guided missile units.

He will reside in Pasadena, Texas, with his wife Nona and two sons, Marion 14, and Michael 13. They have an older son, Jimmy 21, who is in the U.S. Air Force.

After enjoying the pleasure of relaxed living, Chief Fincher has tentative plans to work for NASA in Houston.



**CDR. SPECIALE** receives departing handshake from CO.



**CHIEF S. V. FINCHER** is piped ashore after 20.



# The Marines Have Landed

## NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

### Sailor Of The Month

Congratulations to Curtis E. Searcy, CSS, USN, on his recent selection as NOTS Long Beach "Sailor Of The Month." The selection was based on outstanding performance of duty, and exemplary attitude toward the Naval service.

Petty Officer Third Class Searcy reported aboard NOTS in March 1965 from NAF, Litchfield Park, Arizona.

He presently resides in Long Beach with his wife and one child.



CURTIS E. SEARCY, CS3

### El Toros Hold Vanishing Lead

The El Toros held a crumbling 1.5-game lead over the Bad Guys as the NOTS Pasadena summer bowling league went into its 10th week of play. The bulls had a won-lost record of 25-11, while the badies had posted 23.5-12.5.

A deafening silence prevailed, as the rest of the league held its breath for the inevitable position-week pier-sixer between these two dominant teams.

High scores for the 9th week are as follows: team series, Go-Go's, 2916; team game, Alley Kats, 1010; men's series, Dave Kirk, 654; women's series, Coco White, 615; men's game, Bernie Silver, 266; women's game, Jane Gaghagen, 227.

The largest golf club in the world is the Wanderer's Club, Johannesburg, South Africa, with a membership of 9,120 of whom 850 are golfers.



LONG BEACH NAVAL SHIPYARD PERSONNEL visited NOTS Pasadena last week for an orientation tour of the station. Shown at a briefing of the Numerically Controlled Milling Machine are (l-r) Long Beach visitors—LCDr. G. T. Simpson, Asst. Planning and Estimating Supt.; P. O. Olien, Chief Combat Systems Engineer; and Capt. W. E. Weisert, Planning Officer. NOTS Personnel—D. A. Kunz, Head, Systems Operations Division,

UDOD; and Fred A. Anderson, Head, Mfg. and Prod. Eng. Branch, UOD. P. Finkelstein, Chief Design Engineer (Long Beach), and Lt. W. J. Leonard, Asst. Technical Officer (Subsurface) (NOTS). Behind LCDr. Simpson is Anthony S. Ross, Supv. Planner and Estimator (Long Beach). Demonstrating the milling machine is Albert S. Knight, Supv. Electronic Development Technician in P8094.

### PROMOTIONAL OPPORTUNITIES

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

Supply Clerk (Typing), GS-5; PD: 2P25012 Am 1; Code P-2581 — Responsible for the requisitioning and receipt control of orders placed for supplies upon sources within the DOD and Federal Supply System. Processes material requirements submitted by operating personnel at the San Clemente Island, Seal Beach, Long Beach, and Sylmar facilities via the Bill of Material (BOM) procedure. Coordinates and performs liaison functions between these groups and the Pasadena Supply Office on matters pertaining to material and/or equipment requirements.

### Hail And Farewell

New Employees  
Supply—Helen B. Shaffer, Clerk Typist.

UDOD — Theresa Marchand, Clerk Stenographer.

Engineering — Bertha R. Weiss, Secretary - Stenographer; Dixie J. Schulman, Clerk Stenographer.

Public Works — Ernest F. Staeps, Civil Engineer; Frank A. Sessa, Refrigeration and Air Conditioning Mechanic.

Terminations  
Supply — John D. Brink, Metal Sawing Machine Operator.

UDOD — Clyde L. Hedrick, Physicist.

World War I began July 28, 1914, when Austria declared war on Serbia.

### SCI Gets A New Look

Three battalions of Marine Engineering Reservists from Oregon to Arizona, in three contingents, have been going through their two weeks annual field training at San Clemente Island this summer, the first group having arrived on June 27th.

As a part of their tour on the island, the Marines have repaired and resurfaced roads, painted buildings, and generally given SCI a New Look.

These reservists represent every phase of civilian life, from college students to salesmen, mechanics, and bankers. When they put on the uniform for two weeks training, they all become a part of the engineering team, capable of moving into an isolated area and setting up a headquarters within 48 hours, whether it be desert, swampland or mountain terrain.

The rehabilitation of certain areas of SCI were only a part of the two weeks rigorous training. Arrangements and coordination for the work at SCI were handled by the Engineering Division of the Public Works Department, Pasadena.

Lt. T. L. Lonegan, Assistant Public Works Officer, Pasadena, and Joe Kraemer, Head, Engineering Division, acted as liaison with the Marine Corps in planning the projects. Robert Boyls, Head, Civil and Structural Branch, was NOTS project engineer and coordinator at San Clemente Island.



NEW WAITING ROOM ON SAN CLEMENTE ISLAND—Marine Reservists Sgt. Melvin W. Mitchell and Pvt. Lance J. Boyd, both from Portland, Ore., prepare a foundation for a new airfield waiting room on SCI during Portland, Oregon based Headquarters Company 5th Engineer Battalions' two-week summer training at Naval Amphibious Base, Coronado, Calif. Mitchel, a self-employed carpenter, is a part-time student at Portland Community and Portland State College. Boyd is a printer with Boyd Printing Company, Portland, Ore.



PAINTING EXCHANGE REC HALL at San Clemente Island is Marine reservist LCpl. Richard A. Jones, in civilian life an employee of the Georgia Pacific Plywood Co., at Eugene, Ore.

# Afghanistan Expedition

## Second Report From Kabul

By Carol Burge



(Following is the second and final report from Carol Burge, scribe of the Afghanistan Expedition. Our thanks to her, Paul and Gerry Miller, Elizabeth Anderson, and Barry Boyer for expediting the letters.)

AFGHANISTAN, July 9 — "You might say we're out in the middle of nowhere today (four hours from Puskee and two hours to Stevi). Our porters are going back today and we're acquiring some who have shoes and warmer clothes for the high altitudes.

Camping with 70 Afghans is interesting, but not exactly getting away from it all. Stealing a few minutes privacy for the most personal functions is difficult. This letter will be sent on its way by the returning porters.

A Rattling Good Ride  
We left Kabul July 1, when four of us rode in a Landrover and the rest in a wildly decorated lorry. The road was the same one we took to the Khyber Pass for about half way.

We arrived in Charikar about 10 p.m. after our driver and Dennis suffered violent cases of motion sickness, and the rest of us were well rattled. In Charikar we were guests of the local sub-governor, which meant we slept on his flea-infested Persian rugs, drank his tea and ate brown bread for breakfast. We were

very pleased when the governor, a big fat benign man, man, promised us the moon, stars and donkeys.

However, when we got to the next sub-governor about noon, after going over an incredible road and several bridges, he said there were absolutely no animals to be had. He could only let us have five porters since the Japanese had already cleaned him out.

On Again, Off Again  
After drinking gallons of tea and eating greasy chicken and greasier eggs, the local government troops rounded up 27 porters for us. Qalander (pronounced like calendar), our interpreter and arch diplomat, convinced the porters they could carry two boxes each.

Everything seemed all set for the morning when, for some reason, the deal was off. About 5 p.m. we hopped into the lorry and rambled over the road a couple of miles and made camp.

We awoke to a splashing rain and hundreds of eyes staring at us, and soon set off for Chapadalla, the official end of the road, only it's washed out now and you have to walk. There the local mayor served us tea, and the porters announced they would go no further. So, we had to get new porters the next day.

Paladin Joins Up  
This was done without fuss, and at the same time we acquired four soldiers and a couple

of hired 'guns,' one of which we promptly labeled 'Paladin.' The governor of the area furnished us the soldiers who stand a continuous guard at night, so we've had no trouble. Many of the local citizens are armed, though, and it's clear the guard is needed.

During the night in Chapadella it started raining hard about midnight, so at about 4 a.m. we gave in to the down-pour and got up. So this is dry Afghanistan! Since then we have had casual but complete days averaging only seven or eight miles and a 700-foot altitude gain.

We are traveling up the Pech River Valley which is spectacularly beautiful and reminds us of a massive combination of the Utah canyons, the high Sierra and Yosemite Valley. Down lower it is the wildest thing I've ever seen — up here it is narrowing and calming a bit.

Exciting Views  
It is impossible to think of a day's walk in terms of elevation gain since the trail constantly goes up and down. The bridges aren't unreasonable—they are flat and don't wobble much, and sometimes provide you with a pretty exciting view.

We are about 9000 feet now and two or three days from the Weran Pass — the tentative location of base camp at 15,500 feet. The path is obviously expected to get steeper.

One of our porters is studiously watching me writing—if he only knew what a poor example this is! It is impossible to describe the curiosity we arouse in the people we pass. They just stare and stare, and the men on the trail usually shake hands — sometimes even with me, but their wives turn their heads. Women alone often break into a run to evade us.

Women Carry the Load  
The other day we saw a family walking along the trail. The man was carrying a tiny baby and his wife lugging a huge basket of boulders. We soon discovered this isn't unusual.

Yesterday afternoon a thunderstorm — our third — caught us as we were looking for a place to camp near the village of Puckhu. Our mullah (boss porter) convinced some villagers that they should let us stay in the barn half of their house since the sheep were gone for the summer. When they ushered us into the barn, with dung all over the floor, our mullah really told them off and said if they came to his village, he would put them in his house and slaughter a sheep.

So, they swept out another shed, which made it smell even worse, then we set up camp. The villagers also slaughtered a sheep and had a wild drum-beating, dancing party which Jim Nichols attended. Dennis

and I only heard the noise. Qalander didn't want to eat any of their food because he said the Nuristani are notoriously dirty, and it seems there is plenty of evidence.

Right now we are having lunch in what appears to be the public latrine (outdoor) of a village we just passed.

Our soldiers pick the best places to stop! Our mullah is a religious and political leader who came along to manage our porters. His short crew-cut hair is usually covered with a turban. His white beard and very expressive brown eyes make him a good camera subject.

Gentle Persuasion  
He is sometimes fairly ferocious, but keeps the porters going with gentle persuasion. He is going back down the valley today, and I hope we get a replacement as good. He has learned how to say "How are you?" and "Hello." He tried to give me his walking stick and carry my pack yesterday. Considering the general attitude toward women here I was amazed.

Bodyguard on Hand  
I was having a bath three days ago in what appeared to be a concealed part of the stream, but past the point of no return there was Paladin, our faithful gun-slinger, across the stream watching with great interest. "Be seeing you at China Lake."

## Analogue Will Yield To Digital Fire Control



TESTING THE FUNCTIONS of the DASS computer, Data Systems Technician Manuel Menendez uses button panel of DASS's simulator component. DASS translates from digital language of 1218 computer to launcher's analogue lingo.

Reliability and sophistication are as notoriously difficult to mix as oil and water, but both are now in the process of being joined in a shipboard missile fire control radar system

undergoing development by Navy and civilian personnel at Test Department's Guidance Radar Building.

Aimed at providing rapid, accurate, lightweight control of Terrier and Tartar shipboard missiles, the sophisticated reliability of the new system centers around the introduction of digital computers into the presently all-analogue system.

And the developing system has a mechanical hero, by the name of DASS (for Digital to Analogue Servo System).

What's The Difference?  
According to the builder-designer of DASS, the unit being used for the present series of tests, the digital computer can be given a more varied number of problems to solve than the analogue type, and do this with a smaller and less finicky electric power requirement.

Ray Morrow, engineer with Instrument Development Division's Electronic Systems Branch, custom-built the current model of DASS, XN-2, from standard commercial parts and installed it in the Guidance Radar Building.

"The preliminary study and development that enabled us to build an operational DASS," says Morrow, "was begun by Ken Bryant, and Claude Brown

## Polaris Sub Growth

The USS George Bancroft (SSB (N) 643) was launched at Groton, Conn., on March 20, and on February 6 and April 9 the USS Ulysses S. Grant (SSB (N) 631) and the USS Stonewall Jackson (SSB (N) 634) made their first operational cruise. They recorded the second and third operational Polaris patrol in the Pacific respectively.

Other Polaris submarines deploying on their first operational patrols included: USS Casimir Pulaski (SSB (N) 633) on March 6, USS John C. Calhoun (SSB (N) 630) on March 22, and USS Von Steuben (SSB (N) 632) on April 9.



ATOP GUIDANCE RADAR BLDG., Richard Eakle, FTM-3, aligns TV camera (left, with horiz. white box) with the modified TTR-1 radar. Chief Richard Benbow (r) supervises work. Navymen operate facility, assist development.



CHAPLAIN'S MESSAGE

Love Makes The Difference

By CHAPLAIN MARK E. FITE



Recently I attended a seminar that required some study. In the evenings I hit the books. One evening my study was disturbed by some small children who enjoyed running and playing in the hall just outside my door. I was about to become irritated when I decided to get acquainted with them. Upon inquiry as to who they were, I discovered their parents were friends of mine with whom I'd had duty in Korea. Now these children ceased to irritate me. Had they changed? The noise level was just as great as before; but a common love, a respect for my friends brought about a change in my reaction. I now could return to my study, although the noise continued. The noise and irritations of life will often become less if we take the time and become interested in something or someone outside ourselves. Generally we are prone to think that the stimuli must be changed (he or she must stop irritating me), when in reality a great deal of the change must be within the first person.

LOVE MAKES THE DIFFERENCE

Love can make the difference. It will cause one to look upon his environment as more than a place to exist. It will change mechanical drudgery into purposeful activity. It will cause your neighbor to become your friend. It will give meaning to time.

Sounds good! Well, try looking into the Bible. It will help you discover how this is possible. But the Bible is not an idol to be worshipped. It is an instrument to be used. The lad said his dad had so much love for the good earth he couldn't bear to put a plow into it. Thus the family almost starved.

The Bible yields its treasures to its lovers. Its value grows in proportion to the love of its lovers.

Reserve Chaplain Culley Will Preach at Chapel This Sunday

Chaplain Erwin G. Culley, USNR-R, who is here for two weeks of active duty, will preach the sermon for the 11 a.m. Protestant Services at the All Faith Chapel this Sunday. His sermon is entitled "Come and See."

Waskom, Tex., and received his commission in the Chaplain's Corps in 1942.



CHAPLAIN E. G. CULLEY ... to preach Sunday

Chaplain Culley in civilian life is pastor of the United Presbyterian Church at Westmoreland in the Imperial Valley near Brawley.

He is a graduate cum laude of the University of Texas and received his Bachelor of Divinity degree from the Austin (Tex.) Presbyterian Seminary.

A veteran of WW II and the Korean Conflict, he holds the rank of lieutenant commander in the reserves. He is attached to the Reserve Composite Company 11-15 at El Centro.

He was ordained in 1942 at

PROMOTIONAL OPPORTUNITIES

Warehouseman, \$2.69 to \$2.91 per hour. Code 25 - Performs a variety of tasks in connection with the physical receipt, storage or issuance of supplies. Six months' warehouse experience required. Only current Station civil service employees are eligible to apply.

Supervisory Fire Fighter (Gen.), GS-9, PD 17106, Code 842 - As assistant to the Fire Chief, is in charge of section within Fire Division. Is responsible for the proper management, discipline and training of personnel assigned to firefighting, rescue and other emergency operations.

Qualifications: Five years' firefighting experience of which at least 18 months must have been in a supervisory capacity and 18 months in airfield/crash firefighting operations. All applicants will be tested for supervisory abilities.

File applications for above with Post Detting, Bldg. 34, Rm. 28, Phone 72218. Clerk (DMT), GS-4, PD 540082, Code 465 - As secretary for the Project Engineer Office, types technical notes, reports, correspondence, forms, etc. from either rough draft or recorded dictation. Acts as office receptionist and performs miscellaneous office-clerical duties.

Qualifications: Two years' clerical-typing experience one year of which must have included transcription from dictating machine.

File applications for above with San-dit Crata, Bldg. 34, Rm. 28, Phone 72676. Deadline for filing is August 13.

SUSPENSION NOTICE Clerk, GS-2 and GS-3, Ann. No. SF-20-49(65). The Board of U.S. Civil Service Examiners, Eleventh Naval District, announces that the acceptance of applications under this announcement will be suspended on Aug. 9, 1965 until further notice.

COMPETITIVE EXAMS The Board of U.S. Civil Service Examiners, Eleventh Naval District, announces examinations for the following for filling vacancies as they occur at the U.S. Naval Ordnance Test Station, China Lake, Calif. Clerk, GS-4, Ann. No. SF-20-65(65), issued Aug. 12, 1965.

Firefighter (General), GS-4, Ann. No. SF-20-62(65), issued July 29, 1965 - (The register established from this examination will cancel and supersede the previous register).

File applications for above with the Civil Service Representative, U.S. Naval Ordnance Test Station, China Lake, Calif. 93557. Applications will be accepted from the Issue Date until further notice.

NAVY OVERSEAS VACANCIES Administrative Services Officer, GS-11, Inventory Management Specialist, GS-9, Recreation Director (Not a Civil Service Position), Philippines; Power Engineer, GS-13, Safety Officer, GS-9, Guam; Civil Engineer, GS-12, Thailand; Supv. General & Civil Engineer, GS-14, Viet-Nam. File applications for above with: Navy Overseas Employment Office (Pacific), Federal Office Building, 50 Fulton Street, San Francisco, Calif. 94102.

GEBA Assessment Waived for Death Of W. J. Reynolds

No assessments will be levied due to the death of GEBA member William C. Reynolds, a Public Works' Planning and Estimating employee, who succumbed to a heart attack Monday at his China Lake home.

GEBA No. 99 and CLMAS No. 27 assessments are waived, according to Joseph M. Becker, secretary-treasurer.

Station Library Lists New Books

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

Fiction

Canning—The Scorpio Letters. Dumitriu—Incognito. Lin Yutang—Lady Wu. Longstreet—War in the Golden Weather. Moore—The Green Berets.

Non-Fiction

Barnett—The Treasure of Our Tongue. Chalmers—Hooded Americanism; the First Century of the Ku Klux Klan. Collins—Is Paris Burning? Crampton—Standing Up Country: The Canyon Lands of Utah and Arizona. Havighurst—Voices on the River. Kieran—Not Under Oath. Newcomb—Iwo Jima.

NOTS Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—For information about meetings, write P.O. Box 5674, China Lake.

'DESERT PHILOSOPHER'

Some Thoughts On Music

By "POP" LOFINCK



Everybody knows Hank Wittenmyer, Security Guard, or they should. He's a great fellow. Loves music and is a self-taught organist of sorts.

Last week his charming daughter Florence and her husband, Chief Petty Officer Ralph McDowell, came up from San Diego for a visit.

She teaches music and is a very talented organist—so she gave a short recital on the Chapel organ to a small select audience, and she was wonderful.

Both Hank, his wife, and Alice have a great appreciation of music. They have a stereo turntable with two Lansing speakers and at least 200 fine records.

Records are better than going to an opera or music hall, because the records are made under perfect acoustic conditions. Very few theaters have perfect acoustics all over the house.

THERE'S MUSIC IN NATURE

There is music in nature if you listen — the whispering breeze through the trees—the rippling, gurgling creek—rain on a cabin roof or the song of a distant coyote, baying at a full



ORGANIST FLORENCE McDOWELL

moon, or birds singing. These sounds are soothing and relaxing, but they lack rhythm. The song of the surf is the nearest thing to rhythm.

Through the ages, man has always craved rhythm. It started with the primitive barbarian beating a drum and dancing. So that was rhythm in the jungle.

MAN IMPROVES ON NATURE

So music is an area where man has improved on nature by composing wonderful sound effects and perfecting instruments to express these effects, thus creating great music.

To get carried away, on a cloud, by the emotional intensity of a great symphony is a form of intoxication that doesn't produce a hangover.

While considering man's improvement on nature, think of what an improvement was the invention of the wheel.

With the exception of the planets spinning on their axes and orbiting around the sun, and atoms spinning around their nuclei, all motions in nature are reciprocating, like fish tails and bird wings.

PET PEEVE—PEOPLE WHO TALK DURING PROGRAMS

My pet gripe is people who can't stop talking during a musical program. I enjoy conversation and I love good music—but not both at the same time—it jangles my nerves.

Music influences some individuals to creative meditation and others to magpie chatter. Some people are vocal breathers. They breathe through their vocal cords. If they stopped talking for long they'd suffocate. I nominate vocal breathers for oblivion, especially during musical programs.



ACTION AT LANCASTER—Encino's pitcher Dawson and left fielder Hrack watch as shortstop Berman throws to second baseman Baruck to cut off China Lake's Steve Pullen on a forced single by Ty Pritchett, who hotfoots it to first base. China Lake lost to Encino in a heartbreaking 2-1 ball game.



ENCINO'S WINNING RUN—Encino's shortstop Hrack heads for plate in the first inning after hitting homer which scored centerfielder Goldsmith, No. 2, who is walking off field, to set the score 2-0. China Lake picked up one run in the second.

China Lake Edged Out By 1 Point in Tourney

After winning the District 51 Little League title at Edwards Air Force Base, the gallant China Lake team finally met defeat in their bid to Sectional Tourney play by losing to Encino, 2-1, Monday night.

The local team earned the Dist. 51 title by defeating Boron, 8-2, last Friday night, and dumping Monte Vista of Lancaster, 2-1, on Saturday night.

In their sectional tourney bid against Encino Monday night, at Lancaster's Parkview Field, China Lake's Steve Pullen walked the first Encino batter, then was greeted with a blast over centerfield fence.

Strikes Out 11

He settled down and shut-out Encino the rest of the way, striking out 11 men and letting no man advance beyond second.

In the bottom of the first, Pullen, out for revenge blasted a single down the third base line but was left stranded.

In the second inning the locals rallied. Randy Graham, who has caught five outstanding games in a row, led off with a sizzling third-baseline drive. Bobby Nelligan got on, advancing Graham to second.

Steals Third

Graham stole third, then came home on a single by Mike Lakin to score China Lake's only run of the game.

Leading off in the third, Mike Dowd singled and advanced to second.

Then on the first of two key plays, Ty Pritchett ramed a ball up the middle but Encino's pitcher Dawson made a tremendous leap to grab the ball and throw him out.

No threats developed in the fourth or the fifth.

Final Rally

The final rally came in the sixth by the China Lakers. Steve Pullen led off with an infield single, his 11th hit during the five tournament games. Ty Pritchett forced

Steve at second but then advanced on a passed ball.

When Encino's catcher made a wide peg over the second baseman's head it looked like Ty might score but Encino's center fielder made a leaping catch to hold Ty at second.

This play seemed to inspire Encino's Dawson, who fanned Branson and Graham to end the game.

Scoreboard table showing runs, hits, errors for Encino and C.L.

Kunz Photo Nine Wins Intramural

BY BOB HOOPER

The playoff game for the championship of the Intramural Softball League was played Monday night between the VX-5 Vampires and the Kunz Photo Wild Cats. Should I call it a game? It was a 17-0 slaughter.

In the first half of the first inning the Wildcats scored eight runs, the second pitch of the game shortstop Roger Short put one over the left field fence to start the Wildcats on their way.

The fourth batter Bob Crawford followed suit and did the same thing.

Before the game was over in the fifth inning the score was a disastrous 17 to 0 in favor of the Wildcats.

Bert Galloway, as usual, pitched another shutout game that ended the season and captured the championship for Kunz Photo.

The Wildcats also got their first double play of the season.

This game ended the season for softball. Bowling season is about to bow in — so until next year "Happy Bowling"

Civilian All-Stars Down Military All-Stars, 9-8, In Swampland

By BOB HOOPER

The Civilian and Military All-Stars met on a battle scarred battlefield Friday night. (Or should I have called it a swamp after that rain Friday.) The field had puddles twenty feet in diameter at all three bases including home plate.

Both teams got together at about 6 p.m. and with the aid of Jack Miner's Jeep and the Special Services truck they hauled in sand and loam to fill in the mudholes. Then they dragged the field, raked and hoed until the field was in playing condition, by then it was 8:45.

The game got under way about 9 p.m. Howie Kelly started on the mound for the Military All-Stars and held the Civilians to only two runs while the Civilians had Bill Brown of the Public Works' Tigers going the first three innings for them. They both left the game with the Military ahead six to two.

Joe Hootman of the VX-5 Vampires came in for Kelly in the seventh inning and promptly gave up four runs to the Civilians to tie the score.

He held the Civilians down until the tenth inning when a base hit by Roger Short, an error on Bob Hooper's fly to center, and Public Works' big Dave Martin who took a high outside pitch and clobbered it over the right field fence for a home run to set the score nine to eight which eventually was the winning hit for the Civilians.

Chuck Brewer relieved Bill Brown for the Civilians in the third inning and went the remaining seven. He held them to only three batters per inning.

The tenth inning was something else, with two outs and one man on catcher Mile Saul of the Vampires stroked a beautiful ball over the center field fence to advance the Military within one run of the Civilians.

Swimmers Slate Dinner Tonight

Old records continued to top last week as the Indian Wells Valley Swim Team went into its final rounds of seasonal competition. A dual meet with the Apple Valley Swim Club on July 24 went to a cliff-hanger finish as local swimmers took the short end of a 232-226 tally, but left 14 new records in their hosts' book.

Umpires vs. Kunz Tuesday Night

Members of the local Umpires Association have challenged Kunz Photo, winners of the Intramural League championship, to a game to be played on Tuesday, Aug. 10, at 8 p.m. on the Beer Hut Diamond.

It will be a switch, NAF softball L.Cdr. Jack Miner will umpire the bases and Public Works softballer Bob Hooper will be behind the plate.