

Five Big Reasons for Accidents Listed by Kern County Council

Vacation motor travel is big business! Approximately 84 per cent of all vacation trips made in this country are made by automobile.

That fact was mentioned by Kern County Safety Council President, William Paynter as he warned of the many traffic accidents that can occur as motor travel booms.

The Kern County Safety Council is cooperating with the National Safety Council in its current vacation driving program. This program is part of the nation-wide Back the Attack on Traffic Accidents campaign.

"Every year more and more of us take to the open road during the summer," Paynter said. "And each year, more of us manage to get ourselves injured or killed in traffic accidents while on our vacations."

Paynter said there are many contributing causes to va-

cation - time traffic accidents. They are:

Speed: Because many vacationists try to cover too much territory in too short a time, speed is an important factor. Nearly three out of 10 drivers in fatal traffic accidents are violating a speed law at the time of the accident.

Alcohol: People on vacation are likely to be in a holiday mood and frequently, their pursuit of a good time includes drinking. Unfortunately, too many of them don't realize the danger of driving after drinking. In nearly one-third of the fatal accidents a driver has been drinking.

Vehicle condition: A car with worn tires, inefficient brakes, or any other mechanical shortcoming can bring about a serious accident. About five per cent of the cars involved in fatal traffic accidents are found to have one or more unsafe conditions.

Fatigue: Driving while fatigued is a foolish practice indulged in by vacationers who won't take time out to get sufficient rest. About one out of 13 drivers involved in fatal traffic accidents are found to be in a physical condition that could be a contributing factor in the accident. In about two-thirds of these cases the drivers are fatigued or asleep.

Weather: Failure to adapt their driving to weather conditions brings grief to many vacation drivers. In about one out of six fatal accidents the weather is rainy, snowy, or foggy. Rain is present in about one-half of the bad weather cases.

"Don't turn your vacation dream into a nightmare," Paynter said. "Let safety guide you all the way along your highway holiday. Drive to arrive alive."

Museum Mineral Display



NEW AT THE MUSEUM — Marian Licwinko (l), new Executive Secretary of the Maturango Museum, and Curator Alice Dubin flank a new showcase in the Visitors Center, displaying specimens of minerals, mostly found within a radius of 100 miles. Colored postcards now on sale describe the specimens. Alice Dubin arranged the new case with technical advice from Royal Gould, vice-president of the museum board.

Math Students Tour Labs



ASSIGNMENT AT NOTS — From the high schools of San Bernardino recently came some 40 students of math, science and industry to learn how their subjects are extended and applied in the development of naval ordnance. The students, in the charge of two instructors, toured test ranges, the Research Department, visited the Weapons Display Center, and viewed the film "Three Glimpses of Albert A. Michelson."

New Market To Feature Exotic Foods from Foreign Countries

When it opens, Von's China Lake will feature exotic dishes from foreign countries at the hors d'oeuvres counter.

Some of the many appetizers and gourmet foods available will be cocktail tidbits, all types of bread, crackers, biscuits, miniature tamales in husks, tiny Danish dumplings, baby meat balls in chili sauce, small salmon croquettes, sprats, and smoked oysters from Japan.

There will also be whole goose liver from France, pate de foie gras from France and Denmark, anti-pasto from Italy, caviar, miniature domestic kosher dill tomatoes, sardines, sturgeon smoked over a pile of wood, and tiny peeled shrimp from Norway.

Such unusual items as saffron from the Mediterranean countries to season sauces and gravies and color bread, and vanilla beans with directions for making vanilla custard will be found at the Von's China Lake hors d'oeuvres counter.

SHOWBOAT

FRIDAY AUGUST 5
"THE TROUBLE WITH ANGELS" (112 Min.)
Rosalind Russell, Hayley Mills
7:30 p.m.

(Comedy in Color) Mother Superior of a girls school tries to make young ladies out of typical fun-loving prankish teenagers who see her as a dragon to match with with. Inherent wisdom enforces discipline as humor prevails. It's fun! (Adults, youth and children.)
Short: "Bungled Bungalow" (7 Min.)

SATURDAY AUGUST 6

MATINEE
"RHINO" (92 Min.)
Robert Culp
1:00 p.m.

Shorts: "Cat-Napping" (7 Min.)
"Radar Men From The Moon, Chapter No. 9" (13 Min.)

EVENING
"TO TRAP A SPY" (93 Min.)
Robert Vaughn, Luciana Paluzzi
7:30 p.m.

(Spy/Drama in Color) Napoleon Soto is assigned to protect an African premier and has his hands full as a beautiful W.A.S.P. agent tries to set him up for death. Beautiful girls highlight the action-packed thriller that is in color. (Adults, youth.)
Short: "Tennis Chumps" (7 Min.)

SUNDAY-MONDAY AUGUST 7-8

"THE RARE BREED" (97 Min.)
James Stewart, Brian Keith, Maureen O'Hara
7:30 p.m.

(Drama/Comedy in Color) When a pretty English widow comes to the U.S. to show a prize Hereford bull it is promptly sold and Jimmy goes with her to deliver it. But that's only the beginning — English bull and Texas romance. Tops! (Adults, youth and children.)

TUESDAY-WEDNESDAY AUGUST 9-10

"OUR MAN FLINT" (108 Min.)
James Coburn, Lee J. Cobb
7:30 p.m. Tuesday

(Adventure/Comedy in Color) Don't miss this side-splitting spoof of the super spy who bounds in beives of beautiful girls as he attempts to discover the source of abnormal weather changes throughout the world (caused by three mad scientists). Flint fails the plot with nonchalance non-compare. Wild, wacky fun! (Adults, mature youth.)
Short: "Polar Fright" (7 Min.)

THURSDAY-FRIDAY AUGUST 11-12

"THE GUNPOINT" (86 Min.)
Audie Murphy, Joan Staley
7:30 p.m.

(Western in Color) Sheriff Audie chases a holdup gang, and a shipment of money, into New Mexico territory where he runs smack into trouble galore as his badge is no good in that area. Blazing guns and intrigue keep this moving fast. (Adults, youth.)
Shorts: "Astronaut Woody" (7 Min.)
"Flying Fisherman" (10 Min.)

STATION LIBRARY LISTS NEW BOOKS

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

Fiction
Billing—Forbush and the Penguins.
Catto—I Have Friends in Heaven.
Fish—The Incredible Schlock Homes.
Green—A Last Lamp Burning.
Hempstone—A Tract of Time.
Knight—Cities of Wonder.

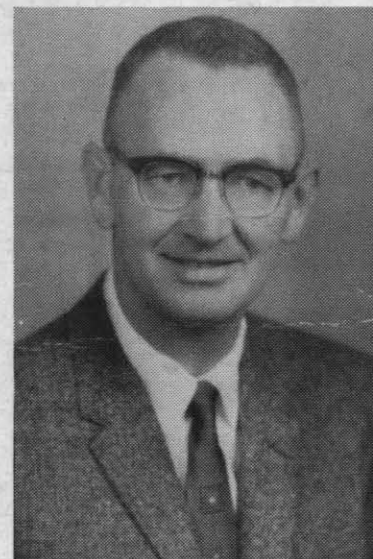
Non-Fiction
Block—Alcoholism, Its Facets and Phases.
Burrowes—Your Future In the Navy.
Butler—American Antiques, 1800-1900.
Farago—Patton: Ordeal and Triumph.
Palmer—My Game and Yours.
Parents Magazine—The First Ladies Cook Book.
Sebald—With MacArthur In Japan.
U.S. Dept. of Agriculture—Consumers All.

From _____

TO _____

PLACE STAMP HERE

Arthur McCorkle Chosen To Direct Counseling Service



ARTHUR R. McCORKLE

The Desert Area Family Counseling Service has announced the appointment of Arthur R. McCorkle as executive director of the agency. Prior to his appointment, McCorkle was associated with the Department of Public Welfare in Lincoln, Nebraska, as consultant to the Division of Child Welfare.

McCorkle is a member of the Academy of Certified Social Workers. He also holds a membership in the National Association of Social Workers and the American Inter-Professional Institute.

During the past three years, he has served as a member of a sub-committee of the Governor's Committee on Children and Youth which is studying marriage and divorce problems in Nebraska. In addition, he has been a regular lecturer at Union College in Lincoln.

A graduate of Mankato State College, Mankato, Minn., McCorkle received his MSW degree from the University of Nebraska. He has also served for many years as a lay minister in the Methodist Church where he feels he has gained much additional experience in the field of counseling.

McCorkle is married and has a son and a daughter. His many hobbies include raising hybrid iris, abstract painting, classical music and bridge.

The Desert Area Family Counseling Service provides professional help to anyone in the area who is experiencing emotional and social difficulties. Appointments for counseling may be made by calling NOTS ext. 72714 between 8 a.m. and 4 p.m.

Band Schedules Favorite Music For Park, Sun.

The summer concert band of China Lake will be giving its only concert of the season at McBride Park this Sunday, August 7, at 7 p.m.

The band will perform under the direction of Earl F. Sherburn, head of the Music Department at Burroughs High School. One of the highlights of his background is musical direction of the Virginia City Players in Montana during the summer of 1965.

Sherburn, who performs with the local Desert Community Orchestra, received his (Continued on Page 3)

ROCKETEER

FROM UNDER THE SEA TO THE STARS

Fri., Aug. 5, 1966 Naval Ordnance Test Station, China Lake, California Vol. XXI, No. 31

Dr. Marguerite Rogers is Given 2nd Highest Civilian Award



FOR SUPERIOR SERVICE — Dr. Marguerite M. Rogers receives the Navy Superior Civilian Service Award from Richard A. Beaumont, Deputy Under Secretary of the Navy for Manpower, while Capt. J. I. Hardy, ComNOTS, waits to add his congratulations.

Beaumont, who made the presentation on the day of his tour of the Station last Thursday, also serves as Director of the Office of Civilian Manpower Management. Dr. Rogers' contributions to the NOTS developed "Eye" weapons were cited.

TV Show To Feature Vietnam Tonight on 5

Johnny Grant's Hollywood in Vietnam TV show will be aired tonight at 8 p.m. on KTLA Channel 5.

Portions of the show were filmed aboard the USS Intrepid and promise to be of wide interest.

Station Personnel Commended For 1966 Navy Relief Aid

In a personal letter from the Chief of Staff, Commander Naval Base Los Angeles, Captain Hardy and the entire NOTS family of civilian and military personnel have been commended for the generous donations they have made to Navy Relief.

In part the letter said, "It was apparent to the Admiral, and all of us here at the Long Beach Auxiliary, that All Hands at the Naval Ordnance Test Station are fully aware and concerned over the need of 'taking care of our own' and for this we are most grateful."

Captain Hardy wishes to extend to all the NOTS family of civilian and military personnel his sincere thanks for these most gratifying results.



EMBLEM CLUB IN SWIM—During a swimming party for retarded children held last week at the Ridgecrest home of Karl Kafer, Mrs. Kafer (sunglasses) presents contribution of \$200 by the Emblem Club to Cdr. William J. Snyder for the IWV Council for Retarded Children. Cdr. Snyder is president of the

Council. Joining in the presentation and party are (l-r) Mrs. Scotty Craven, Mrs. Robert Udell, Mrs. Gerald Hengeveld (l, in pool), Mrs. Don Yockey, and Mrs. Paul Lewis. Refreshments were served at poolside after the party.

—Photo by PH2 Robert Hancock

TEMPERATURES

	Max.	Min.
July 29	100	76
July 30	94	76
July 31	100	73
Aug. 1	103	75
Aug. 2	95	74
Aug. 3	104	67
Aug. 4	104	71

SAFEGUARD YOUR HEART



Before you slog your way up the mountain to take those trout, make sure your doctor says okay. Take as good care of your heart as you do of your rod and reel.

A SERVICE OF YOUR HEART ASSOCIATION

CROSSWORD PUZZLE

ACROSS

- Pronoun
- Snatch
- Preserve
- Indonesian tribesman
- Climbing plant
- Macaw
- Labeled
- Weirder
- Confederate general
- Republie
- Protective ditch
- Symbol for iron
- Leaks through
- Beard of grain
- Distance measure
- Part of violin
- Preposition
- Bounds
- Note of scale
- Tidy
- Apportion
- Shallow vessel
- Mistake
- Brother of Odin
- Healthy
- Wipe out
- Young goat
- Back down
- Was borne
- Man's name
- Artist's stand
- Hawaiian wreath
- Manuscripts (abbr.)
- Killed
- Cloth measure

DOWN

- Chapeau
- Greek letter
- Style of coat
- Merriment
- Free of
- Cooled lava
- Dirk
- Sly looks
- Warden
- Exist
- Deface
- Obtain
- Sand bars
- Mollify
- A state
- Proprietor
- Steadfast
- Foot lever
- Rock
- Member of Parliament
- Heraldry
- granted
- Retail establishment
- Earth goddess
- Places for combat
- On
- Rants
- Concealed
- Close securely
- Oven for drying bricks
- Edge
- Bitter vetch
- Unit of Portuguese currency
- Lamprey
- Nothing
- A continent (abbr.)



Answer to Previous Puzzle

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Information Is Asked About Flare



CAN BURN DOWN A HOUSE — A flare similar to this one was taken from Charlie Range last week. This is a very dangerous situation since any movement can set it off.

Once it is ignited, nothing can put it out. Anyone having information concerning this flare is asked to notify the authorities. No action will be taken against anyone.

Flare Taken At Range Can Ignite At Anytime

Last week an aircraft flare was dropped at Charlie Range but failed to ignite. It was located by range personnel and E.O.D. was called to dispose of it, however, when they arrived the flare was gone.

This can cause a very serious problem for the person who picked up the flare since the fuse mechanism has been ac-

tivated and the slightest movement can set it off.

Once the flare is ignited, nothing can put it out. It has more than enough power to burn down a house in a matter of minutes, and it can blind anyone looking into it.

Anyone having any information concerning this flare is asked to contact Charlie

Range, E.O.D., the Safety Department or the Police. No action will be taken against the person who has the flare.

The Safety Department further warns that persons in the range areas are to stay on the roads since the areas are heavily contaminated with unexploded ordnance.

Moon's Influence On Ocean's Tide Viewed by Navy

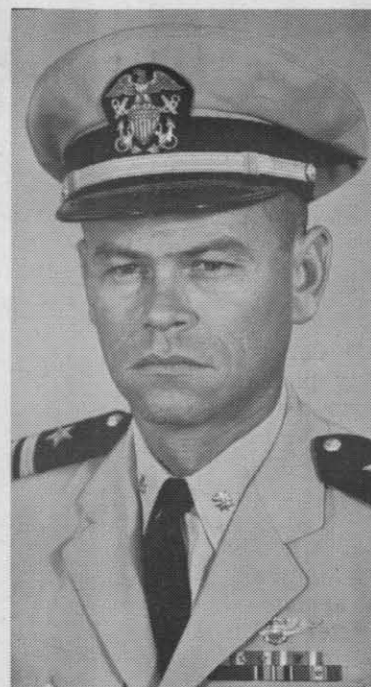
The Navy is using a prototype oceanographic station to study the influence of the moon's tidal pull on the Gulf Stream in the Atlantic near Hollywood, Fla.

The prototype system, called an ocean data station buoy, was developed for the Office of Naval Research by the Convair division of General Dynamics. Personnel from the division are conducting the current Gulf Stream study for the Navy.

The buoy, a round steel hull 40 feet in diameter and equipped with instrumentation and a 40-foot mast, is anchored in the Gulf Stream. It collects information on wave heights and velocity of the stream and transmits it to a mobile data center on shore.

Final correlation of the scientific information collected from the buoy will be accomplished in the Convair division's digital computer facility in San Diego, Calif.

The buoy, named Bravo, has been at its present location since April. It will be retrieved the middle of December to be readied for its next task in the present test series. Early next year it will be towed to Bermuda for deep-water tests.



LCDR RICHARD WILLETT assumes duties as new Administrative Officer of Air Development Squadron FIVE. LCDR Willett reports to VX-5 after serving with Attack Squadron 113, Attack Squadron 125 and Staff duty with CVW-21 all at the Naval Air Station, Lemoore, California. While with VA-113, LCDR Willett deployed aboard the USS Kitty Hawk (CVA-63) to the South China Sea and flew 98 combat missions over Vietnam. LCDR Willett comes to China Lake with his wife the former Mary McIntire of Tulsa, Oklahoma and their children Richard and Debra.



FOR 20 YEARS SERVICE — Receiving pins for 20 years Federal service from Capt. P. W. Jeffrey, Dir. of Supply, are (l-r) Lloyd Pittman, Guy Horton and Jack Crowson. All have won recognition for superior achievement.

'Benny Sugg' Sez

Got A Beneficial Suggestion?

Don't forget, now you can call it in!

Ext. 72921



"Benny Sugg"



TOP PUBLIC WORKERS — Capt. H. J. Hartman, PWO, gives recognition to employees (l-r) Richard Malone, Quality Step In-

crease; Mrs. Bobby Varner, QSI; Mrs. Celeste H. Reynolds, Outstanding Performance and QSI; and Mrs. Gloria T. Lemon, QSI.

Forms Available At College Office For Fall Semester

Richard Jones, Dean of the Desert Division of Bakersfield College, announced that pre-registration forms for the fall semester are now available in the College's office. Students may pick up any of these forms between the hours of 8 a.m. and 5 p.m. It is necessary that the student complete these forms and have a counseling interview before official registration.

Counseling and registration by appointment for the fall semester will begin Aug. 8, 1966 and continue through Aug. 19. Open counseling and registration will begin Aug. 22 and continue through Aug. 30 and on Sept. 6. Students are urged to make their interview appointments as early as possible. Students may call the College office at FR 5-2348.

Students who have not been previously enrolled are reminded that a transcript of their past high school and college work must be on file with the College. New students are also urged to take the classification and placement tests offered by the College.

The English classification and reading placement tests will be given on Aug. 16 at 6 p.m. The School and College Ability Test, along with the mathematics test, will be offered on Aug. 17 at 6 p.m. All testing will be conducted in the Multi-Use room on the Burroughs campus.

The Bulletin of the Desert Division, listing the course offerings for the fall semester, is now available.

Commendation Given VX-5's Cdr. Loranger

By Gerald Burgess, PH-2

On 19 July 1966 Commander D. Loranger, Commanding Officer of Air Development Squadron FIVE received a Joint Service Commendation Medal for Meritorious Service in the performance of his duties from 4 January 1964 to 8 June 1965. During this period, Cdr Loranger served as Chief, Operations Section on the staff of the Commander in Chief Pacific Representative to the Joint Strategic Target Planning Staff at Offutt Air Force Base, Nebraska.



COMMANDER LORANGER

Our Yesterdays

TWENTY YEARS AGO

An estimated two-day crowd of 9,000 braved a sweltering sun Saturday and Sunday to witness the Indian Wells Stampede, first of a series of annual events planned by the Sportsmen's Association for Indian Wells Valley. A canvas covering kept spectators in relative comfort during the hottest days of the year while they watched members of the Cowboys' Association of America vie for points.

TEN YEARS AGO

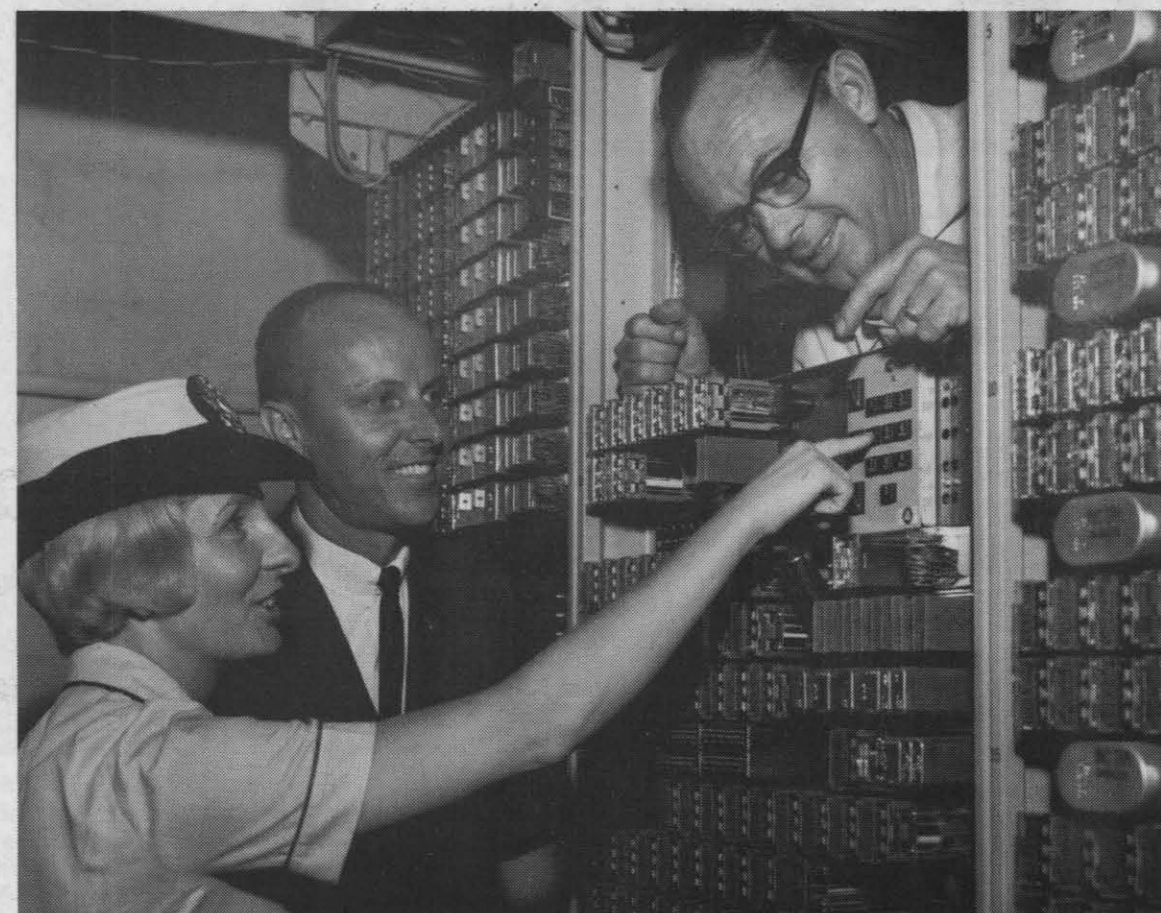
Traffic officers have long favored the use of safety belts in automobiles and many of them owe their lives to them. A statement issued at the closing session of the national convention of the American Medical Association pointed to the "authoritative research as well as practical experience in actual use" as proof that safety belts are an essential part of an automobile's safety equipment. The medical profession, the statement revealed, is taking the official position that seat belts become standard equipment.

FIVE YEARS AGO

An appropriation for \$1,000,000 has been earmarked for development of a domestic water supply for NOTS, according to a release from Congressman Harlan Hagen of California's 14th District.

Hagen reports that he expects the House - approved appropriation will be retained by the Senate shortly.

New Telephone Equipment Installed



ELEVENTH NAVAL DISTRICT Telephone Officer Jim Toombs (center) observes Headquarters' Registered Publications Officer Ensign Dixie Cook test a push button dial device in the Eleventh District Headquarters' new CENTREX Telephone System. Ob-

serving the operation is Pacific Telephone PBX Installer Glenn Stockton. The new headquarters' 600-line CENTREX communications system will cut into service on August 7th. New telephone numbers have been assigned to all stations.

Naval District Headquarters To Change Telephone System

Final preparations are being made for the Eleventh Naval District Headquarters cutover on August 6th to the modern telephone system called CENTREX.

Direct Calls Possible

According to M. E. Bigham, Pacific Telephone Government Communications Manager, the new 600-line CENTREX installation will permit persons to place direct calls to and from the San Diego headquartered Eleventh Naval District without going through the Navy's switchboard operators.

Two push button dial-equipped electronic switchboards will replace the five positions of switchboard now required. With CENTREX, less than 500 incoming calls per day will be processed by Navy attendants

as compared to their daily average of 7,500 calls.

The modern CENTREX switching mechanism branches out from the nation's Southwestern Naval Operations Headquarters building to form a network of direct-line communications linking over twenty buildings at the five-acre site. Also included in the direct line system is the Naval Supply Center and Pier Compound.

Numbers Will Change

Most important for service personnel and civilians workers who call the Navy facility frequently is the telephone number changes that will go into effect with the CENTREX system.

All telephones under the jurisdiction of Eleventh Naval

District Headquarters that can be reached by persons calling from outside the compound will have the prefix 235 and four other digits. Employees of the Eleventh Naval District can call within their own organization by dialing just the last four digits.

Special Cards Sent

To make the change as smooth as possible, over 1,000 Eleventh Naval District employees are sending specially designed cards with their new telephone numbers to frequent callers. They are also attending special classes conducted by telephone company personnel who are instructing the telephone users how the new communications system will operate.

Employee Performance Recognized



PUBLIC WORKS HONORS — Recognition of long, hard work came to these Public Works Dept. employees from Capt. H. J. Hartman (center), Public Works Officer. They are (l-r, front), Frank Donnelly, Sustained Superior Performance, John Bane,

Outstanding Performance and SSP; Mrs. Carol J. Maxwell, Superior Achievement; and Leo Maki, OP. In rear (l-r) are Melvin Blagg, SSP; Floyd Maxwell, SSP; Walter Wick, OP and SSP; Prentice Phillips, Jr., SSP; and Samuel Antrim, OP and SSP.

Outline Street Sweeping Service For Capehart-Desert Park Areas

The Station's Street Sweeping Program in the Capehart and Desert Park areas has not been as effective as it could be due to excessive amounts of water in the gutters, and cars left parked on the street during sweeping hours.

In an attempt to improve the program appearance wise, and also reduce the safety and health hazards caused by standing water, the Station is placing "No Parking" signs in these areas. Once these signs are in place, the Security Police will issue citations to violators.

In addition to keeping vehicles off the street during this period, tenants are requested to avoid placing anything in the gutter such as grass clippings, etc., which would stop the flow of water, and also to not water their yards from noon the day prior to sweeping to 5 p.m. the day of sweeping.

Your cooperation is requested in this effort by following the schedule outlined below. It may be helpful to you to clip the schedule and post it in a handy place until the routine becomes familiar to you.

STREET SWEEPING SCHEDULE

CAPEHART (SITE "A")

(No Watering Sunday Noon to 5 p.m. Monday)
Ticonderoga St. and Kearsarge St. — Each Monday 7:30 - 11.

All other streets — 1st and 3rd Monday 7:30 - 4.

CAPEHART (SITE "B")

(No Watering Tuesday noon to 5 p.m. Wednesday)
Stroop St.—Each Wednesday 7:30 - 11.

All other streets—1st and 3rd Wednesday 7:30 - 4.

DESERT PARK

(No Watering from noon 1st and 3rd Monday to 5 p.m. 1st and 3rd Tuesday)
All streets—1st and 3rd Tuesday 7:30 - 4.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Rocket Action

By Ben Long

The poor Rockets were "clobbered" by the Rio Hondo Dads, 17-3. League record is now 5 wins and 4 losses.

Future league action has the NOTS Slo-Pitch Softball Team meeting the tigers on August 5th at Gidley School and P. T. and T. at Rio Hondo School on August 12th.

Welcome Aboard

New Employees

Public Works — James H. Cumberland, electrician; Steve Johnson, summer working aid; Clarence J. Engel, planner and estimator.

UOD — George E. Fincher, model maker; William E. Duncan, mechanical engineer.

Supply — Alma L. Neal, clerk (typing); Amanda C. Rothschild, voucher examiner;



Annetta J. Gist, clerk typist, Norman Barns, summer working aid.

Administration — Amelia L. Eby, management trainee; Jack M. Dellone, firefighter.

Engineering — Robert S. Oesch, engineering technician.

San Gabriel Sea Scouts Go Down To The Sea On A NOTS TRB-7

Twenty-one Sea Scouts spent a day at NOTS Long Beach Sea Range last week learning

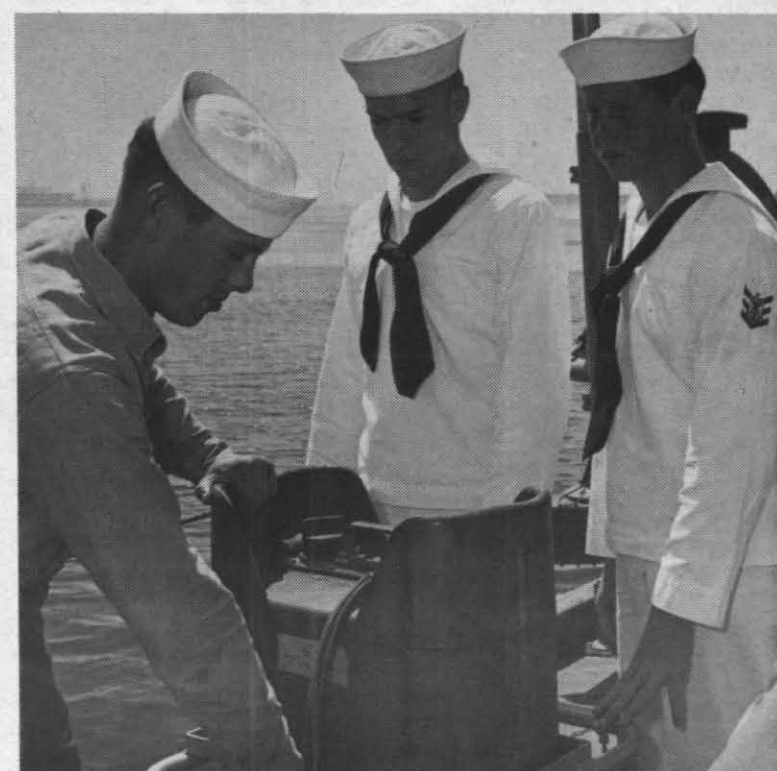
the ins and outs of seamanship. The young men, ranging in age from 14 to 20, belong to the San Gabriel Sea Scout Ship No. 268, sponsored by the Church of Jesus Christ of Latter-day Saints.

The Scouts were accompanied by their Commanding Officer, Lieutenant D. L. "Lee" Williams; and Executive Officer, Ensign Ed Summerhill, both of whom are officers with the San Gabriel Police Department.

Hosted by Lt.(jg) C. D. Stender, NOTS Enlisted Personnel Officer, the Scouts were conducted on an extensive tour of the area, including a visit to the Deep Sea Divers Museum. Highlight of the day's activities was a cruise of the Long Beach Harbor on NOTS TRB-7.

FIVE YEARS AGO

The completion of a unique underwater launching facility for testing of the Polaris missile at the NOTS Pasadena San Clemente Island Test Range was announced by the Navy Department.



ABOARD NOTS TRB-7, EN3 Charles D. Hopkins demonstrates the "Handy Billy," an emergency auxiliary power unit, to Sea Scouts Dave Simmons and Dave Legat (left to right). Scouts were learning details of sea duty.



DEL YARBROUGH, former NOTS mathematician (left), is shown with one group of his students from the Data Processing class

held this summer for advanced 8th grade students from Pasadena schools. Del now teaches at McKinley Junior High School.

Future Computer Scientists Hosted At Pasadena Lab

A select group of 8th grade students from Pasadena City schools spent a morning at NOTS Pasadena recently to learn about our computer facility. The students are attending summer sessions in a Data Processing class to learn how to program digital and analog computers.

Instructor for this summer class of advanced students is Del Yarbrough, a former NOTS mathematician who came here via the Junior Professional Program. Del is now a teacher at McKinley Junior High School.

Tom McKinney, supervisory mathematician and Head of the Digital Computer Group; and Jim Smith, computer systems analyst, both with the Simulation and Computer Center, conducted the facilities tour and question and answer session for the students.



THE TWO GROUPS of students from the Data Processing class were hosted on sta-

tion by Tom McKinney and Jim Smith, both with the Simulation and Computer Center.

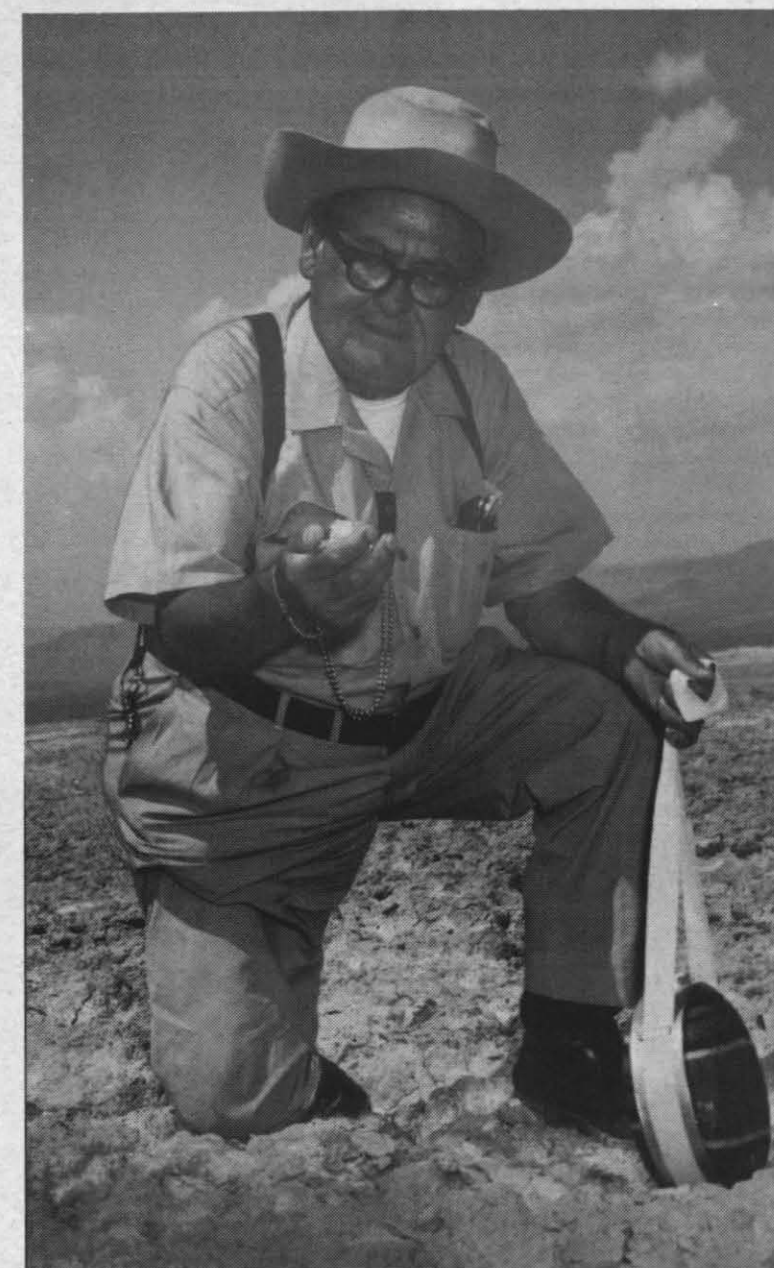
Keglers Korner

By Ray Hanson

One measly game separates the leaders in the NOTS summer bowling league, and it's beginning to look as though the championship will not be settled until the very last night of play. As of the 14th week, the UFO's held the uncomfortable lead, with a won-lost record of 37-19. The Paper Tigers were growing right along in second place, posting a 36-20 mark. Third place was occupied by the Channel Kats, who had won 35.5 and lost 20.5. Come to think of it, the Channel Kats seem to have as good a chance as anybody.

High scores for the 14th week are as follows: team series, UFO's, 2332; team game, Channel Kats, 796; men's series, Lloyd Hagnas, 635; men's game, George Jackson, 233; women's series, Jan Cardwell, 600; women's game, Pat Preston, 218.

Testing Proceeds In Depths of China Lake



IN DEPTHS OF CHINA LAKE — Sewell "Pop" Lofinck, China Lake's Desert Philosopher and former NOTS range guard, examines a sample of baked, alkaline bottom soil in the dry China Lake bed just off G-2 Tower Road. "We do have a little water in the lake," Pop explains, "for about an hour after it rains."

BY JOHN R. McCABE

The August skies of China Lake, according to their wonderful, inscrutable ways have been trying to make good this week a report by the Toledo, Ohio, daily "Blade" newspaper, which recently featured NOTS testing of a new concept in deep submersible pressure hulls. (See Rocketeer, June 14).

Well Acquainted

The Blade's science editor, a man apparently well acquainted with the progress of deep submersible technology but understandably less well acquainted with the geography of the upper Mojave Desert, wrote these precious paragraphs about the Station's spherical glass submersible hull program:

"With the oceans and seas already attracting an increasing number of deepwater explorers, a new stimulus for searching the black depths was expected to arise through the use of undersea vehicles made of glass.

Tested In Lake

"Today the Corning Glass Works in Corning, N.Y., is manufacturing massive glass hemispheres 44.5 inches in diameter. With a thickness of an inch, the hemispheres will be joined to form a spherical pressure hull. They will be tried out in the depths of China Lake, in California, at the Naval Ordnance Test Station."

Why, of course! The natural place for a Naval Station situ-

ated on the shores of "China Lake," to test a new concept in deep submersibles would be in the lake's cold, dark depths. (Knock on wood — the rainy season is upon us.)

The Blade should be comforted to know that it joins a noble company of veteran China Lakers in its misconception. On a recent visit to NOTS, the Station's first Officer In Charge of Construction, Capt. Oscar A. Sandquist, USN(Ret.), recalled that during the Station's first days "Workers from all over the country came pouring in — and what a laugh to see many of them towing their boats." (Rocketeer, Friday, July 8).

Certainly. They were coming to "China Lake."

Yacht Club

The Blade might like to know, by the way, that today's sandswept Lakers boast their own yacht club, with more than 20 active, boat-owning members, who, nevertheless, haul their cruisers to lakes other than their own, such as nearby Lake Isabella.

The Blade science editor's story went on to describe the concept of the spherical glass pressure hull, the brainchild of Dr. William B. McLean, NOTS Technical Director, and recently tested in plastic prototype with a plywood catamaran hull in the shallows of the SNORT water brake reservoir. The story included developments in other deep-sea research programs, including SEALAB II.

Safety Council Cites Two-Step Precaution Tip

Most motorists overlook a simple two-step precaution that could cut traffic deaths and injuries substantially over the summer holidays and throughout the year.

The assertion was made today by William Paynter, president of the Kern County Safety Council.

Paynter stated that the annual traffic death and injury toll could be reduced sharply if motorists would take a moment before driving to lock all car doors from the inside and to buckle their seat belts snugly. Both measures are designed to keep motorists within the car in case of an accident.

Years ago it was believed that a person was less likely to be injured in a crash if he were thrown out of the car, he said. Extensive research, however, has proved that just the opposite is true.

"Today seat belts and safety door latches are among the most important safety devices now available," asserted Paynter. "But neither are used to their full potential."

He cited a recent University of Michigan study, financed by the U.S. Public Health Service, disclosing that 40 per cent of the fatalities investigated by project researchers during the last four years could have been prevented if seat belts had been used.

Projected nationally, that would indicate that universal use of seat belts would have saved 40 per cent of the 31,500 passenger car deaths last year, or 12,600 lives.

Assumes Duties



CDR. ROBERT L. BRADY, JR., has reported to NOTS from Norfolk, Virginia, where he was Assistant Fleet Plans Officer for Submarine and Anti-Submarine Warfare Matters. He is at Michelson Lab as Military Assistant for Anti-Submarine Warfare Systems, and working on the Moray submersible project. Cdr. Brady attended Ursinus College in his native Pennsylvania and is a graduate of Annapolis with an M.S. in Chemical Engineering. He is an amateur carpenter and photographer, and continues to enjoy outdoor sports from his track, soccer and basketball days in school. He and his wife Ruth have five children: Robert, 19; William, 18; Margaret Ann, 16; Patrick, 10, and John 4. The Brady's new home is at 617 Ticonderoga.

Home Economist Is Planned At Von's

With the opening of the new Von's Market, homemakers will have an opportunity to meet and chat with Virginia O'Neal, Von's home economist. Mrs. O'Neal understands people's shopping problems and will be pleased to discuss anything from Junior's food whims to the Sunday roast.

Another phase of Virginia O'Neal's meeting with women in the community is to determine what today's modern shopper demands in a supermarket. Virginia is a sympathetic listener and passes ideas on to Von's top management. Direct two-way communication will exist between the Von's China Lake and its customers through this home economist.

Virginia O'Neal is a graduate home economist with a degree from Montana State College. For ten years she was "Martha Logan," home economist with Swift & Company. She was the first home economist with the California Dairy Industry Advisory Board. Her varied experiences qualify her as an authority on foods, food ideas, and nutrition.

Mrs. O'Neal will be available as a speaker for area club groups. "Feeling Fancy," a gourmet type program; "What shall I eat today?" and "You are What You Eat" are several subjects for presentations which might fit into the program for local clubs.

This home economics service is one of the extras available through Von's Grocery Company at no extra cost to you. Virginia O'Neal will be at Von's China Lake during the opening, or she can be contacted by writing her at P.O. Box 3338, Terminal Annex, Los Angeles, California, 90054.

Band Schedules Favorite Music for Park, Sunday



GETTING READY — Members of the summer concert band develop their interpretation of a number scheduled for this Sunday's concert in McBride Park, under the direction of Earl Sherburn, head of Burroughs High School Music Department.

(Continued from Page 1)

Bachelor of Music Degree from the University of Michigan last year.

The concert will include the "First Suite in E-Flat" by Gustav Holst, Elsa's "Procession to the Cathedral," "Lady of Spain," and several marches

including "Colossus of Columbia," "Sempre Fidelis," "El Capitan," "Washington Post," and "The Thunderer."

Admission will be free and the gates at NOTS will be open to the general public for this performance.

Refreshments will be available

in the form of homemade ice cream, punch, and cookies, and will be sold by representatives of the Burroughs Band Boosters Club. Because of a very limited seating capacity, it is recommended that members of the audience bring their own chairs or prepare to sit on the grass.

CHAPLAIN'S MESSAGE



Being One's Natural Self

By Senior Chaplain Paul Romantum

Acting out of character seems to be a way of life today. We want to be everybody but ourselves. Women are trying their best to look and act like men. Men for their part are becoming more feminine. Children try to be grown up almost as soon as they can walk.

The tragedy of it all is that it's more fun to be yourself—~~to be what God intended you to be.~~

St. Paul was a wise man. He presents his thoughts on this question of being yourself in his Epistle to the Corinthians. "When I was a child, I spoke like a child, I felt like a child, I reasoned like a child. Now that I have become a man, I have put away the things of a child." (1 Cor. 13:11)

Today it's Do Different! We can't seem to bear the sight of children being themselves. They can't play games like 'hide and seek.' We have to buy them some educational toy so they can begin to train for college. They can't jump in a pile of autumn leaves, or sit under a pasteboard box when it rains, or lie in a field and watch the clouds drift by.

They must be profitably occupied, organized and learning at all times — and so we herd them into Baseball Leagues and Football Leagues; we make them take dancing lessons, skating lessons, swimming lessons, music lessons. We enroll them in tennis classes, art classes, diction classes, grooming classes. In general we organize them to death—we don't leave them a spare moment.

Is it any wonder that children date at 11 or 12, court at 13, marry at 16, become parents at 17, divorce at 18? We just won't let them be children when they are children. But then men don't seem to want to be men or women like women anymore either.

These are strange times in which we live!

Announce Fall Chemistry Course At Local Desert Division College

The Desert Division of Bakersfield College will offer a course in General Chemistry during the fall semester. The course is designed to acquaint students with the fundamentals of nomenclature, formula writing, balancing equations, and the application of basic laws through problem solving. It is a five-unit course with three hours of lecture and six hours of laboratory per week. It will meet on Monday and Wednesday evenings from 5:30 to 10 p.m.

Dean Jones, in announcing the offering of this course, listed some of the basic areas of study to be examined during the semester. He stated that "basically, it will involve an introduction into the notion of matter, its physical and chemical properties, its physical and chemical changes and its states." He said that "there would be an introduction into

the notion of energy; its forms, laws, and relationship with the idea of mass and energy." And, of course, students will spend a great deal of time studying the periodic chart and the groupings of the elements.

Registration for this course is now underway at the College, and students are asked to call the College office at FR 5-2348 in order to make a counseling appointment.

Blue Cross Ins. Agent To Visit Station Wed.

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Wednesday, Aug. 10, at the Community Center from 9 a.m. to 4 p.m., according to Austin E. Ross, Employee Management Relations Head.

PROMOTIONAL OPPORTUNITIES

Laborer (Cleaner), WB-1, \$2.48 to \$2.68 per hour, Code 88 — Keeps assigned area in clean and orderly condition. Sweeps, scrubs, mops, waxes and polishes floors. Dusts office furniture. Empties waste baskets, cleans light globes and cares for toilets and rest rooms. Applications will be accepted from females only because of the organizational location of the position.

Administrative Assistant, GS-9, Code 84—As Head, Security Operations Division, the incumbent will be responsible for the administration of the Internal Security Branch and the Official Visitors Branch. Incumbent will also conduct department management studies; prepare Station and Department directives, instructions, and correspondence; help establish and maintain a Station Security Training Program; and assume the duties of Department Budget Representative. Qualifications: Requires five years of progressively responsible experience which demonstrates ability to perform administrative assignments in the areas outlined above.

Electronic Technician, GS-11, Code 502 — Concerned with the repair, calibration, alteration, maintenance, modification and design work on a variety of electronic systems used in both space and underwater applications. Qualifications: Applicants must have two years general, and four years specialized experience in electronics or in a similar field that provided the technical knowledge and background required. Must be capable and available for going "to sea" on extensive cruises with the oceanographers.

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

Laborer, Heavy, WB-3, \$2.62 to \$2.84 per hour, Code 4552 — Receives, separates, stores, and palletizes material. Cleans, coats and inerts ordnance material and equipment for storage. Moves equipment and furniture as needed. Performs general clean-up and maintenance of grounds. Drives truck occasionally.

Engineering Technician, GS-7, 9, & 11, Code 4533 — Will determine by field test the type of environment a weapon will be subjected to. Will then design specific controlled tests to determine if new weapon systems can survive specific environments. General Engineer, GS-9, 11, & 12, Code 4533 — Will take the results of field testing of environmental criteria determination and compare them with existing scientific theory. Will propose, specify, and sell environmental criteria programs to BuWepps and NOTS.

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

Electronics Technician, GS-7, GS-9 or GS-11, Code 3023 — The incumbent will be required to perform technician duties in connection with design, development and operational work in connection with classified projects including digital and analog fire-control systems, guided missiles, computers, launchers and associated equipment.

Electronic Engineer (Instrumentation), PD No. 28632, GS-9, Code 3073 — Performs electronic engineering related to data acquisition systems applied to supersonic track tests. Excellent opportunity to gain experience with radio-link and land-line telemetering systems and to develop competency in electronic data acquisition techniques.

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

Electronic Mechanic, JD No. 18510, Code 18 — Repair, test, align, modify electronic equipment used in target, control, or project aircraft. Equipment consists of airborne telemetry transmitters, TV systems, radar tracking beacons, and associated electronic equipment used in drone aircraft.

File applications with Mary Morrison, Code 657, Rm. 32, Phone 72032.

Rigger, JD No. 213-1, Code 70442 — Provides rigging support for range tests, Michelson Laboratory, and other areas. Rigs for hoisting, jacking, cribbing, shoring, moving and placing of heavy plates, targets, barricades, machinery, instrument, small buildings; moves office equipment, loads and off loads railroad and commercial cars; directs operation of cranes, winches, hoists and similar equipment; assists all other Public Works crafts in routine duties and assignments.

File applications with Dora Childers, Code 657, Rm. 32, Phone 71393. Deadline for filing: Aug. 12, 1966.

Clinical Nurse, GS-5, Code 88 — This is an intermittent position located in the Nursing Services Branch of the U.S. Naval Hospital. Employment will normally total two or three days a week. Applicants must be currently licensed to practice as registered professional nurses in a State or territory of the U.S.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218. Clerk-Typist, GS-3 & 4, Code 176 — To provide general office services for the Accounting Division. General typing of correspondence and reports, filing, and receptionist duties.

File applications for above with Sherry Scher, Bldg. 34, Rm. 26, Phone 71577.

HYDROFOIL GUNBOAT

First details of U.S. Navy hydrofoil gunboat due for delivery in late 1967, have been disclosed. Powered by water jet and capable of speeds in excess of 40 knots, vessel continues Navy's interest in advanced, special mission craft, typified by PT boats of World War II.

EDITORIAL

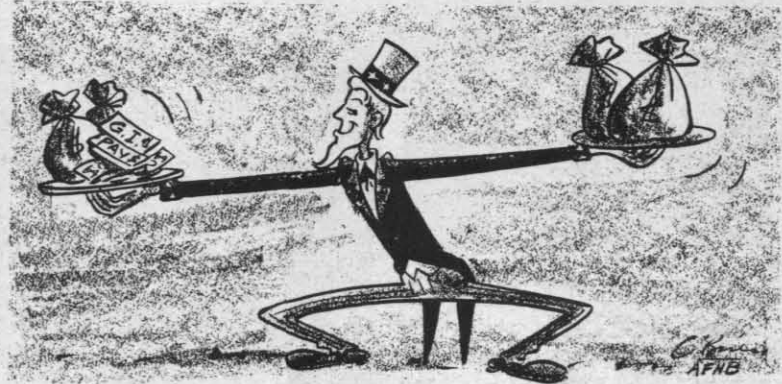
WE ALL HAVE PROBLEMS

UNCLE Sam has a problem. It concerns his "balance-of-payments deficit." This is not a new problem as problems go. As a matter of fact it has been plaguing him for a number of years—since 1957 to be exact.

But what is this "balance-of-payments deficit"? Where does a serviceman fit the picture?

We'll take the latter first. Simply, Uncle Sam wants his favorite nephews to buy American products. Buy Savings Bonds. Keep his dollars in American channels. Not a hard thing to do, really.

Now, the reason for his suggesting you do this. Basically, the



"balance-of-payments deficit" is nothing more than a record of all financial transactions taking place between Uncle Sam and the rest of the world. It covers receipts and payments for both private and governmental transactions, whether settled in cash or financed by credit.

Here's an example: In 1964 we paid out to foreign countries \$40.7 billion and received from them \$37.6 billion. So, in that year, we had a balance-of-payments deficit of \$3.1 billion. Our military expenditures abroad that year totaled a net \$2 billion.

It doesn't require a genius to understand that Uncle Sam's bankbook will not balance. Yours wouldn't either.

All right, what must be done about it? First, Uncle Sam must eliminate the deficit in his balance-of-payments account by increasing U.S. receipts from abroad. Second, he must reduce the outflow of dollars to foreign countries without sacrificing other national policies.

That's where you come in. You can help reduce the outflow of dollars by purchasing American-made products. You can help by participating in the Payroll Savings Plan.

After all, it's not much "Uncle" asks, and it won't hurt a bit. (AFNB)



PONY LEAGUE WATCH DEMONSTRATION — One of the highlights of the tour given to the PONY League last week was a demonstration conducted at G-Range.

Schedule for Plane-Bus Travel

Effective 1 August 1966

PLANE AND BUS SCHEDULE

CHINA LAKE — INYOKERN — INTERNATIONAL AIRPORT — PASADENA

Plane Schedule—Pacific Air Lines (Tr's or Tickets Required)

MORNING FLIGHT (DAILY)				EVENING FLIGHT (DAILY)			
Flight No.	Sta.	Adm.	Mich.	Flight No.	Sta.	Adm.	Mich.
480	Lv LAX International	0600		482	Lv LAX International	1830	
	Arr Inyokern (non-stop)	0645			(stop at Lancaster)		
481	Lv Inyokern	0715			Arr Inyokern	1925	
	Arr LAX International	0808		483	Lv Inyokern (non-stop)	1935	
	(stop at Lancaster)				Arr LAX International	2020	

Airport Shuttle Bus Schedule — China Lake Area

A shuttle bus will provide passenger transportation to and from Inyokern Airport and China Lake daily except Saturday, Sunday, and holidays. Leaving China Lake, shuttle bus stops will be made as follows:

CHINA LAKE TO INYOKERN AIRPORT—AM				INYOKERN AIRPORT TO CHINA LAKE—AM			
BOQ-A	Sta.	Adm.	Mich.	BOQ-A	Sta.	Adm.	Mich.
	Rest.	Bldg.	Lab.		Rest.	Bldg.	Lab.
Leave	0615	0617	0620	0622	Arrive	0740	0742
Arrive Inyokern Airport					Leave Inyokern Airport		
CHINA LAKE TO INYOKERN AIRPORT—PM					INYOKERN AIRPORT TO CHINA LAKE—PM		
Leave	1830	1832	1835	1837	Arrive	2000	2002
Arrive Inyokern Airport				1900	Leave Inyokern Airport		

Effective Monday, August 1, Pacific Air Lines will commence two round trip flights from Los Angeles International Airport to Inyokern and return. Weekend travelers departing Inyokern Airport should make prior arrangements for transportation through the Travel Branch, Code 8517, Ext. 71378, China Lake. Travelers will use limousine or taxi for transportation from LAX to Pasadena and return. For further information, call Travel Branch at the above extension or Ext. 633 in Pasadena.

Youth Bowlers Score High in Tourney Play

By Aline Schad

Two youth bowlers from the China Lake Major Division recently competed in the state and national tournaments held in Thousand Oaks.

Connie Clark, 16, placed seventh in the state tournament in the Girl's Handicap Division and was awarded a trophy for a nine-game series of 1433. Chen Coulter, Burroughs 1966 graduate, placed seventh in the national tournament in the Boy's Handicap Division, and was awarded a trophy for an 18-game series of 3108.

The first place winners in the Nationals receive an all-expense paid trip to Washington D.C., where they compete with other youth bowlers from around the country for a total of \$10,000 in scholarships awarded to the winners.

All scholarships are awarded on a basis other than bowling ability alone, such as citizenship, scholarship, leadership, etc. These tournaments are conducted by the Bowling Proprietor's Association of America. We are very proud of our two bowlers who represented the China Lake Youth Bowlers, and congratulations to both for having placed in their own division.



PONY LEAGUE TOURNAMENTS COM-MENCE

Area Pony League teams have commenced sectional tournament play in San Bernardino this week. All Star teams from the Indian Wells Valley, Fulton, Rialto, Fontana and San Bernardino will be competing from Thursday evening through Sunday, August 7, 1966. Representing the Indian Wells Valley League are: Front row (l to r) Bryan Manger, Don Branson, Ricar-

do Telles, David Barton, David Ritchie, Donald Bacock, Gary Dabbs, and David Cassil. Back row (l to r) Team Manager Leo Enriquez, Kermit Richards, Jr., Stephen Roberts, Robert Byrd, Randol Weisbrick, Steven Lorranger, Leo Enriquez, and Jerry Crow. Also traveling with the team is Coach and Business Manager Ken Rassler. Area residents are encouraged to attend and support the valley team.

O. A. 'Gabe' Imer Is New Director, Special Services

Starting full-time next Monday, Aug. 8, a new civilian, O. A. "Gabe" Imer, will head up the Special Services Division, succeeding Lt. (j.g.) D. W. DePierro, who is to leave Naval service in mid-month.

With 15 years of experience in special services activities in the Marine Corps and the Army, Gabe Imer comes to China Lake from two years as civilian sports director at Fort Irwin. He retired from the Army in 1962 at Fort Huachuca, Arizona, where he served three years as its Special Services Officer.

Gabe, a native of Pottstown, Pa., calls Santa Barbara his home town. He and his wife Donna now make their home at 76 Bard St. Gabe attended Williams College in Williams-town, Mass., and has collected officiating skills in basketball, softball, boxing and volleyball



O. A. "GABE" IMER

during his years in sports, as well as the art of news writing, as a sure way to present the sports picture.

He has been active since 1958 in national and California recreation organizations, and is currently a member of the American Recreation and Park Association and of the California Park and Recreation Society.

China Lake Wins Golf Club Meet

China Lake's 12 two-man teams won the Tri-Club golf meet Friday, July 29 when they wiped out Bishop and Lone Pine in a low net tournament.

With one more round remaining, another China Lake team is in the lead in the East Kern County League with Tehachapi, Edwards Air Force Base and Kernville. The last match will be played at the Golden Hills Country Club in Tehachapi on Aug. 14. There will be six 10-man teams including the Pro.

Entries are now being accepted for the 1966 Club Championships which will get under way the first week in September. Match play will prevail with five or six flights depending on the number of entries.

Congratulations are in order to Earle Roby and Gary Stevenson for a good full year of tournament participation.



SEVENTH IN NATION — Chen Coulter's trophy, presented by Fred Dalpiaz of the China Lake Bowl, represents an 18-game series of 3108 in tournament play at Thousand Oaks. He placed seventh in national boys Handicap division.



SEVENTH IN STATE — Connie Clark receives her trophy from China Lake Bowl manager Fred Dalpiaz, for a nine-game series of 1433 in the State Tournament for youth bowlers over the June 18-19 weekend.

The Rocketeer

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

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(Pasadena).

DEADLINES:

News Stories.....Tuesday, 4:30 p.m.

Photographs.....Tuesday, 11:30 a.m.

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DIVINE SERVICES

Christian Science (Chapel Annex)—

Morning Service—10 a.m.

Sunday School—10 a.m.

Protestant—(All Faith Chapel)—

Morning Worship—8:15 and 11 a.m.

Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant.

Roman Catholic (All Faith Chapel)—

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

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel.

Confessions—7 to 8:00 p.m. Saturday.

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 write P. O. Box 5436, China Lake, or phone NOTS Ext. 725591.