

New Hours Slated At Station Library Beginning Sunday

A reduction in the hours of operation at the Station library, necessary because of a decrease in the library budget for the current fiscal year, will go into effect Sunday. The new library hours will be: 3 to 9 p.m. Monday through Friday; and 3 to 5 and 6 to 9 p.m. on Saturday and Sunday. The library will be closed on all holidays.

In order to further simplify staff work, the library is discontinuing its file of borrowers, according to Laura L. McRae, Station librarian. From now on all book cards will be signed with the borrower's name and address, and a Station pass will be shown whenever books are checked out.

In addition, books will fall due on Mondays only, with the result that loan periods will range from two to three weeks, depending on the day of the week that books are checked out.

EM DANCE SET

An enlisted men's dance has been scheduled tomorrow evening from 9 until 1 at the Anchorage. Music will be provided by the Blue Notes and refreshments will be served by the Enlisted Wives Club.



Starting Times 6 and 8 p.m. daily.
Kiddies' Matinee (Special Movies):
1 p.m. Saturday
Matinee 1 p.m. Sunday

TODAY JULY 30

"APACHE" (87 Min.)
Burt Lancaster, Jean Peters
Shorts: Kangaroo Courting (7 Min.)
"Diving Cavalcade" (10 Min.)
News (10 Min.)

SATURDAY JULY 31

"RETURN FROM THE SEA" (80 Min.)
Neville Brand, Jan Sterling
Shorts: "Candy Cabaret" (7 Min.)
"Pals and Gals" (7 min.)

MATINEE

"WILD STALLION" (70 Min.)
Ben Johnson
Shorts "The Body Guard" (7 Min.)
"Gunfighters of the Northwest" 16 Min.)

SUN.-MON AUGUST 1-2

"CROSSED SWORDS" (83 Min.)
Errol Flynn, Gina Lollobrigida
Shorts: "Brides in Bloom" (7 Min.)
"Tumult" (7 Min.)

TUES.-WED. AUGUST 3-4

"GILBERT AND SULLIVAN" (105 Min.)
Maurice Evans, Robert Morley
Shorts: News (10 Min.)

THURS.-FRI. AUGUST 5-6

"DAWN AT SOCORRO" (81 Min.)
Rory Calhoun, Piper Laurie
Shorts: "Along Came Daffy" (7 Min.)
"Dizzy Diving" (10 Min.)
News (10 Min.)

Ice Cream Social Held



A PROFIT of nearly \$185 was reported by the Women's Guild of the NOTS Community Church for the group's annual ice cream social held recently on the lawn by the Station Chapel. Approximately 450 persons attended the affair, which featured the sale of home-made ice cream and cakes. The money will be used to carry on Guild's foreign and home mission program.

Exams Scheduled For Youths Seeking To Enter Academy

A preliminary screening examination will be held Aug. 23 at China Lake and two other communities within the 14th Congressional District for youths who desire appointment to either the Military, Naval or Air Force Academies.

Congressman Harlan Hagen announced that the tests will be conducted simultaneously in Bakersfield and Tulare, as well as China Lake, and the results will be used as a basis for his selection of two appointees to Annapolis, one at West Point and ten for the new Air Academy.

One principal and three alternate appointees will be chosen by Congressman Hagen for each Military and Naval Academy vacancy. The appointments will be to the class which enrolls in July 1955.

In the case of the recently created Air Academy, which is being established at Colorado Springs, Colo., the 10 nominees named by Congressman Hagen will compete later in a statewide examination in which 15 Californians will be selected for the first class in the new academy, starting next July.

To qualify to take the examinations, a candidate must be between 17 and 22 years of age and reside in Kern, Kings or Tulare counties. Boys who are interested should write to Congressman Hagen, Suite 1720, House Office Building, Washington, D.C., or his office, which is located in Room 209 Haberfelde Building, Bakersfield.

School Enrollment Details Not Yet Set

Procedures for enrolling new students, including kindergartners, in China Lake schools have not yet been set up for the coming Fall semester, local school officials reported.

At the present time, the establishment of zoning lines for the four local elementary schools is being held up until a fairly accurate approximation may be made regarding the number of youngsters from the Wherry housing project who will be attending the Vieweg Elementary School.

An announcement will be made in the Rocketeer as soon as the enrollment dates for new students are set.

Monthly Meetings To Be Resumed By Supervisors

Monthly meetings of the Supervisors Association will be resumed next Thursday at 7:30 p.m. at the Supervisors' hall on King Ave., according to Cheever Evans, president of the association.

In addition to regular business, there will be a discussion of ideas for fund raising projects to help finance the various activities which will be sponsored by the Supervisors Association.

The new Supervisors' hall will be open every week night from 5 to 11 p.m., starting Monday. Recreation facilities at the hall include two pool tables, a shuffle board game and a juke box.

Suggestion Awards Presented to Three Station Employees

Three beneficial suggestion awards, totaling \$130 and based on an estimated annual monetary savings to the Navy of \$2090 and intangible benefits, were awarded last week.

Thomas R. Watson, an ordnance-man snapper in the Rocket Department, was given the top award of \$80 for his suggestion dealing with a new method of removing propellant from the die assembly. After other methods had proven unsatisfactory, Mr. Watson tried chilling the entire assembly and then exposing it to room temperature, on the theory that chilling would cause the propellant to shrink. Subsequent exposure to room temperature would expand the die faster than the propellant, thus making it easier to remove by tapping with a rawhide mallet.

The award was presented by Fred Schultze, head of the safety engineering division.

The second award of \$20 was given to Darwin Tiemann, a photo optical technician, by H. P. Roberts, associate head of the Test Department. Mr. Tiemann's suggestion concerned the installation of a muffler on the air line supplying compressed air to the motion picture processing machines. The award was based on intangible benefits.

Leo Gibbons and Merlin Ely, former toolmakers at the Salt Wells Pilot Plant, were named to receive awards of \$15 each for designing a cutter head used in various machining process and also for a suggestion concerning a method of cleaning the cutter head. After being used the cutter head is dipped in wax, and the wax is heated and allowed to run off, taking any residue from the process with it, thus cutting down on the time required to clean the tool.

Mr. Gibbons is now employed as a machinist in the Aviation Ordnance Department. Mr. Ely is no longer on the Station. Dr. N. E. Ward, head of the Aviation Ordnance Department, made the award which was based on an annual estimated savings of \$545.

New Sanitation Officer Reports

A new sanitation officer has reported to China Lake replacing CWOHC Robert L. Parker, who was transferred to the El Toro Marine Base at Santa Ana last Friday.

CWOHC George P. Garrett, who has assumed the duties vacated recently by CWO Parker, reported to China Lake from U.S. Naval Hospital on Guam. A Navy man for more than 20 years, CWO Garrett served with the First Marine Division in the South Pacific during World War II.

CWO Garrett and his wife Beulah, reside at 56-A Rowe with their two sons, George P. Jr., 9, and James, 7.

THE WEATHER

Mostly clear skies with scattered showers in the mountains. Surface winds light and variable 12 to 20 knots. Maximum temperature 108. Minimum temperature 77.



TEMPERATURES (Housing Area)

	Max	Min
July 22	103	61
July 23	107	70
July 24	99	75
July 25	98	70
July 26	102	74
July 27	108	70
July 28	109	75

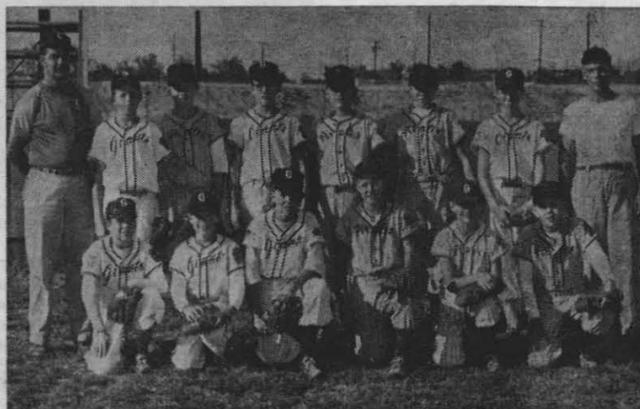
VOL. X, NO. 30

U.S. NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIF.

JULY 30, 1954

Station Hosts Little League Meet

Local All-Star Teams Vie Saturday For Right To Play in Area Finals



NATIONAL LEAGUE ALL-STARS, shown with Coach Gerry Bell and Manager Tom Short, are, front row from left, Joe Barra, Jerry Hancock, Larry Hancock, Dennis Grider, Dave Taylor and Ronnie Allen. In the back row are Manager Short, Donald Standard, Dallin Childs, Bobby Koehler, John Dragovich, Richard Cashore, David Martin and Coach Bell. Two National Leaguers, Jim Brew and Tom Hendon, were unable to be present for the picture.

The third season of Little League baseball at China Lake will be climaxed tomorrow night at 8 at Little League diamond No. 1, when all-star squads from the American and National Leagues will clash to determine which team will represent the Station in area play-offs to be held here next Tuesday evening.

Pre-game ceremonies tomorrow will include the introduction of members of the two all-star teams by John Dragovich, commissioner of the China Lake Little League Baseball Association, and a welcoming address by Captain R. F. Sellars, USN, Station Executive Officer, who will pitch the first ball.

The tentative starting line-up for the American Leaguers, coached and managed by 1st Lt. Jesse Baker, USMC, and Ty Blair, respectively, is as follows:

John Dunaway, lf; Mike Baker, 2b; Benny Sturgeon, p; Gary Maxwell, ss; John Pinney, 1b; Harold Majors, rf; Mike Adams, c; Ronnie Marker, 3b, and Delaney Morris, cf. Substitutes are John McLaughlin, Charles Fisher, Charles Hanne, Chris Shanteler and Steven Christie.

National Leaguers, coached and managed by Gerry Bell and Tom Short, who are scheduled to take the field tomorrow night are:

Jim Brew, 3b; Dallin Childs, 2b; Larry Hancock, ss; John Dragovich, p; Richard Cashore, c; Dave Taylor, 1b; Bobby Koehler, cf; Dennis Grider, rf, and Donald Standard, lf. Substitutes will be Ronnie Allen, Jerry Hancock, Joe Barra, Tom Hendon and David Martin.

The victor in tomorrow night's local game will meet the winner of the Edwards Air Force Base vs. Barstow Little League contest (slated tomorrow at Edwards) in one half of a double bill scheduled here Tuesday evening.

(Continued on Page Five)

School Relocation Proposal Losing By Margin of 8-1

Interest in the opinion poll concerning the proposed relocation of Burroughs High School mounted during the past week as the number of ballots returned, both here and in Ridgecrest, mounted to a total of 300.

The early trend indicated in the poll has not changed, however, as opposition to moving the school has doubled since last week and is now running at a rate of more than 8-1 throughout the entire area.

Of the total of 284 ballots received at the office of Dr. Earl Murray, superintendent of China Lake schools, the tally shows 16 in favor of the move as compared to 268 against.

In Ridgecrest, only 16 ballots have been received, and all are in favor of relocating Burroughs High School.

Station Phone No. To Change Sunday

Effective at 11 p.m. Sunday, Indian Wells Valley residents telephoning the Station will have to dial 50111, instead of the former Station telephone number, 82211.

The phone number change is being made because of the installation of new dial selector equipment on the trunk lines between Ridgecrest and China Lake, according to R. A. Dinsmore, district manager of the California Interstate Telephone Company.

Three Lives Lost in Auto Wrecks, Drowning Over Past Weekend

Accidents over the past weekend claimed the lives of three people and injured another ten, four of whom are still in serious condition at the Ridgecrest Hospital.

Two men, Willard F. Keane, of China Lake, and Delmas D. Christy, of Fontana, died as the result of auto accidents, and Frederick W. Benckendorf was drowned. Dorothy E. Hilderbrand, of Ridgecrest, and Angelina Tungate, 39, Julia Miranda, 35, and her daughter Geraldine, 7, all of Onyx, are still hospitalized as the result of auto accidents.

Keane, 31, a helper in the maintenance division, Public Works Department, was killed last Friday at 5:50 p.m., when a car in which he was a passenger skidded on wet pavement and overturned.

The accident occurred just south of Atolia on Highway 395 and, according to safety officials, was caused by excessive speed, smooth tires and water on the roadway.

R. J. Casados, an ordnanceman in the track operations division, Test Department, who was driving the car, escaped with minor injuries.

Keane, who came to China Lake in September of last year, is survived by his mother, Mrs. Grace Keane, of San Diego.

Benckendorf, 21, of Red Mountain,

son of Floyd C. Benckendorf, a diesel equipment mechanic in the construction equipment repair shop, Public Works Department, drowned Saturday at 1 a.m., in the reservoir of the Surcease Mining Co., Atolia.

(Continued on Page Five)



AMERICAN LEAGUE ALL-STARS, shown with league president Bill Cummings and the squad's manager and coach are, front row from left, Charles Hanne, Delaney Morris, Mike Adams, John Dunaway, Mike Baker, Chris Shanteler and Steve Christie. In the back row are Cummings, 1st Lt. Jesse Baker, USMC, coach; Harold Majors, John Pinney, Tommy George, Ronnie Marker, Gary Maxwell, Charles Fisher, John McLaughlin and Ty Blair, team manager. One team member, Benny Sturgeon, is not pictured.

Rocketeer

Published every Friday at the
UNITED STATES NAVAL ORDNANCE TEST STATION
CAPTAIN D. B. YOUNG, UNITED STATES NAVY
Commander

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WINSOR JOSSELYN

Civilian Public Information Officer

DON R. YOCKEY

Managing Editor

B. A. TYLER, PH3, Associate Editor; PAT CHANCE, Annex Correspondent (Thompson Lab., Phone Ext. 73); Art by Illustration Group Design and Production Department; Photographic Processing by Rocketeer Photo Staff—James McFarland, PH3, Don W. Buttram, PH3.

Office: Old Bakery Building, China Lake, Calif. — Telephone 71354 and 72082

Housing Problems Aired at Community Council Meeting

A discussion of Station housing problems monopolized the major portions of this week's meeting of the China Lake Community Council board of directors.

Richard C. O'Reilly, the new Community Manager, was introduced at the meeting, but was there primarily to gain information and did not enter the housing discussion, which was handled primarily by Harvey Roberts, of Central Staff, and Council directors.

Announcement was made that some 300 new subscribers joined the Intercoast group medical and hospital insurance plan during the recent membership drive, bringing the total membership to approximately 1100 persons.

Future events planned by the Council include a Labor Day program, utilizing the fireworks still available as a result of cancellation of the Fourth of July celebration, and a jazz concert and dance some time in the Fall, featuring the music of George Lewis and his New Orleans ragtime jazz band, musical group which played at the Fiesta.

Insurance Plan Monthly Dues Payable Monday

New monthly payments for all Intercoast Insurance Company group hospital and medical plan subscribers will fall due Monday, and may be paid any time through Aug. 15.

Payments may be made in person at the Community Services Division, now situated in the housing office building, or may be mailed to Box 42, China Lake. Checks or money orders should be made payable to Intercoast Insurance.

The new monthly rates are \$3.85 for single persons; \$7.60 for a two-member family, and \$11.85 for families of three or more persons.

The Community Services office will be open from 7:30 a.m. to 5 p.m. through Aug. 15 to handle the receipt of monthly payments.

Enrollment Hits 930 in Summer School Program

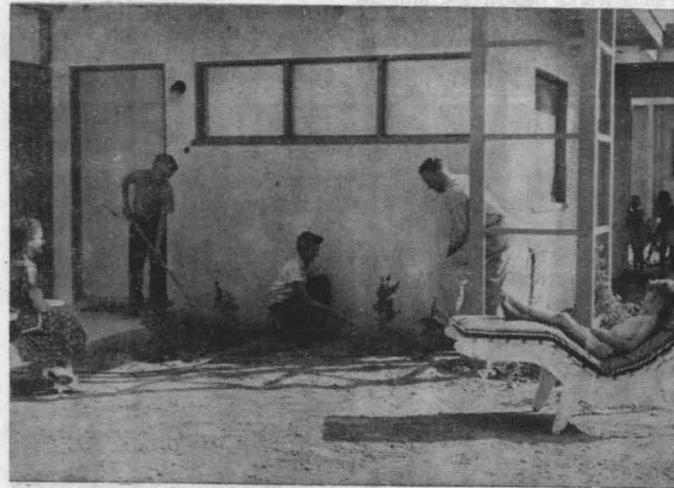
Enrollment in the summer recreation and crafts program now being conducted at local schools by the China Lake Elementary School District has jumped to a high of 930. This is an increase of more than 200 over the enrollment figure of 713 reported following the initial registration period on July 12.

To assist in handling the increased enrollment, one helper, Beverly Reynolds, has been added to the staff at the Groves Street Elementary School to aid Mrs. Mary Bischel in conducting the arts and crafts program for primary group youngsters.

Miss Reynolds, a senior at Burroughs High School, is a member of the local chapter of the Future Teachers of America.

Other additions to the summer staff also are being considered.

Pasadena Family Settles Here



NEW WHERRY HOME landscaping receives care from Mr. and Mrs. Harry James, 217 Dorado Street, in the recently completed tract at the southwest corner of the Station, and their two sons, Charles (left) and Bill, Terry, a lad living nearby, watches them while he takes it easy. Mr. James, a machinist with the Engineering Division at Michelson Laboratory, has been at the Pasadena Annex Foothill plant for the past five years. A number of Pasadena families have recently moved into the Wherry tract due to the shift of personnel and equipment from the Annex to China Lake.

CDR Myers To Take Over Aug. 1 As NOTS Supply, Fiscal Officer

CDR Richard L. Myers, SC, USN, on Sunday will become Station Supply and Fiscal Officer, relieving CDR Leo W. Roberts, SC, USN, who has been filling the position since July 1.

CDR Myers received his early education in his native city of Annapolis, Md., and was graduated from the U. S. Naval Academy with the class of 1936. His career since graduation has been a busy one, starting with his transfer to the Supply Corps in 1938.

He was the supply officer aboard the cruiser USS Nashville, 1941-43, and then aboard the carrier USS Ticonderoga, 1945-46. He became the first General Stores Supply Officer at Philadelphia, 1947-1948. His last tour of duty was Staff Supply Officer to Commander Service Squadron Three, which supports all forces afloat in the Far East, from 1953 to 1954.

Among schools attended by CDR Myers are the Naval War College at



CDR Richard L. Myers

Newport, R. I., and the Finance and Supply School, NSY, Philadelphia.

His service medals include China Service, American Defense Medal with bronze star, American Area, European-African-Middle East Area, Asiatic-Pacific Area with five engagement stars, World War II Victory Medal, Navy Occupation Service Medal with Asiatic-Pacific clasp, United Nations Service Medal, Korean Service Medal and the National Defense Service Medal.

He and Mrs. Myers have two children, Richard L. Myers, Jr., 14, and Golda Glenn Myers, Jr., 10. The family residence is at 506 Lexington.

Public Hearing Set On School Budget

A public hearing will be held Tuesday at 7:30 p.m. in the Burroughs High School library on the 1954-55 budget of the China Lake Elementary School District.

The proposed budget for the coming school year, which will not be adopted until after the public hearing in order to give local citizens an opportunity to express their views, amounts to \$678,488.

This is an increase of nearly \$70,000 over the previous year's budget of \$608,742.

Restaurant Closed During Change In Management

The Station restaurant closed at 9 a.m. today and will remain closed until 6:30 a.m. Sunday while equipment and personnel changes involved in the transfer of management are being made.

Effective Sunday, the restaurant management will be taken over from the Anderson-Dunham Company by the Navy Exchange.

During the restaurant shut-down, food service will be available today and tomorrow at the swimming pool snack bar, from 11:30 a.m. to 8:30 p.m., and at the China Lake Community Center today from 11:30 a.m. to 1 p.m. and from 4:30 to 10:30 p.m., and tomorrow from 5:30 to 10:30 p.m.

Burton Collie, former Station restaurant manager, will continue to operate the Michelson Laboratory cafeteria, serving breakfast and luncheon meals. Cafeteria hours will be Monday through Friday from 6 a.m. to 1:30 p.m.

DRIVER EXAMS SET

California State driver's license examinations are scheduled next Monday, Tuesday and Wednesday, at the Kern County building in Ridgecrest. Hours for the examinations are from 8:30 to 11:30 a.m. and from 1:30 to 4 p.m.

What's Doing

Sunday

Adult Bible Class, 9:30 a.m., Groves School.

Monday

NOTS Toastmasters, 5:45 p.m., Hideaway.
Sea Scout Ship No. 504, 6 p.m., Scout Hall.
Junior Rifle Club, 6:30 p.m., VFW Hall.
NOTS Badminton Club, 7 p.m., Gym.
Dust Devils Auto Club, 7:30 p.m., American Legion Hall.
DAV, 7:30 p.m., Community Center.
Barber Shop Singers, 7:30 p.m., Community Center.
Kennel Club 8 p.m., Community Center.
Og Cuman, 8 p.m., Og Cuman Bldg., Rowe St. School.
Ceramics Club, 8 p.m., Community Center.

Tuesday

Rotary Club, noon, Village cafe.
Rifle Club, 7:30 p.m., Hut 308, Old Contractors Area.
Cub Scouts Pack 15, 7 p.m., Community Center.
Knights of Columbus, 7:30 p.m., K. of C. Bldg.
Lions Club, 7:30 p.m., Village Cafe.
American Legion Auxiliary, 7:30 p.m., Legion Hall.
American Legion, 7:30 p.m., Legion Hall.

NAACP, 7:30 p.m., Community Center.

Wednesday

Troop 35, 6:30 p.m., Scout Hall.
Troop 3, 6:30 p.m., Scout Hall.
Troop 41, 6:30 p.m., Hut 301, Rowe St. School.
Masons, 7 p.m., Masonic Temple.
Blue Angels Auto Club, 8 p.m., Old Navy Locker Bldg.
Enlisted Wives Club, 8 p.m., Anchorage.
Moose, 8 p.m., Moose Lodge.
Repertory Group, 8 p.m., Community Center.

Thursday

Red Cross, 12:30-4:30 p.m., Infirmary.
Squadron 503, 7 p.m., Scout Hall.
Air Force Reserve, 7 p.m., Room 1013, Michelson Lab.
Pistol Club, 7:30 p.m., Hut 308, Old Contractors Area.
Athletic Club, 8 p.m., Training Bldg.
Sandblasters Motorcycle Club, 8 p.m., Sandblasters Hut.
Desert Dancers, 8 p.m., Gymnasium Area.
Supervisors Association, 7:30 p.m., Supervisors Hall.
China Lake Players, 7:30 p.m., Rowe St. School.
VFW Auxiliary, 7:30 p.m., Memorial Hall.
IOOF, 8 p.m., County Bldg.

Chaplain's Corner

By the REV. FR. FRANCIS G. TASY

It is said that some pearls lose their lustre in the human hand and do not regain it until they are immersed in the depths of the sea, from where they originally came.

Mankind has a valuable pearl, a precious treasure, the family. On its strength and well-being depend the strength and well-being of future generations. Family life can lose its lustre and its strength in man's hand, it can even be completely destroyed and not regain its strength until it is replaced at the primeval source from where it came—a serious religious view of life.

Family life today has been upset by many things, such as the recent war, the ensuing conflicts and economic instability of the home. But none of these conditions was so disastrous as the stark evident fact that the family life has fallen away from Christ. In falling from Him, family life lost its strongest pillar.

One point should be quite clear. The family is in a critical state, but it has been brought to this state because it fell from the life-giving pedestal, the pedestal of religion. The urgently needed reform of married life can be accomplished only by putting morality into it. To the elevation of family life, social care is necessary, legal measures and state assistance, too. But all these efforts are doomed to fail if we forget the chief thing—to elevate family life once more to a highly moral plane.

This danger must be noted. If the Christian idea of marriage and of family life does not again come to power, if the frivolous and destructive attitude that has taken root in the last decades continues to spread, it will not only harm religious life, but will also become a fatal danger to the tranquility of our life here on

earth and to its cultural development.

Therefore, stress must be put on this truth: That God's positive laws, as in every other aspect so in the aspect of matrimony, are perfectly reconcilable with the deeply implanted longings and laws of human nature, and if man keeps these laws he not only gains eternal salvation but has assured the foundation of harmonious earthly life. If foolishly he disregards them, he opens for himself the gates of an earthly hell with all its sufferings.

Church Call

Call the clergymen for baptisms, weddings, or special help

CHRISTIAN SCIENCE

(Chapel Annex)
SUNDAY SCHOOL—9:30 a.m., Chapel Annex.
MORNING SERVICE—11 a.m. Sunday.
TESTIMONIAL MEETING—8 p.m. first and third Wednesdays.
READING ROOM—7-9 p.m., Monday, Tuesday, Thursday and Friday.

EPISCOPAL

(North End of Chapel Annex)
Rev. F. E. Stillwell
Phone 718-83511
HOLY COMMUNION—7:30 a.m.
SUNDAY SCHOOL—9:30 a.m.
MORNING PRAYER—9:30 a.m., except for Holy Communion on the first Sunday of each month.

PROTESTANT

(Station Chapel)
Chaplain James L. Carter
Phone 72247, 71369 or 71506
Rev. John L. Reid Jr., Pastor
NOTS Community Church
Phones 725881 or 72740
MORNING WORSHIP—9:45 and 11 a.m., Sunday.
SUNDAY SCHOOL—9:30 a.m., Groves Elementary school.
JUNIOR CHURCH—11 a.m., Sunday, Rowe Street Protestant Worship Center.

New employees, 13; terminations, 28.

China Lake

NEW EMPLOYEES:

Community Affairs — Richard C. O'Reilly, supervisor, administrative officer.

Aviation Ordnance — Charles M. Harris, engineering aid.

Supply and Fiscal—Virginia Hancock, mail clerk; Phyllis J. Weiszbrod, clerk-typist.

Test—Robert L. Rockwell, Paul C. Davis, Jerry F. Hough, mathematics aids; Donald H. Strietzel, civil engineer.

Technical Information — Barbara A. Carter, librarian; Linda F. Pappas, clerk-typist; Lynn M. Nowels, illustrator.

Engineering — Robert J. Haueter, ordnance inspector.

TERMINATIONS:

Rocket — Dorothy L. Blodgett, clerk-typist; Gerald L. Cox, statistician; Joseph B. Hughes, physicist; Alvin D. Rector, ordnanceman.

Aviation Ordnance — Lloyd E. Hayes, physicist.

Two Enlisted Men Are OCS Candidates

Two Navy enlisted men, Rollin Versteeg, ET3, and Horace M. Lucich, AO1, are currently being considered by the selection board for entrance to the Officer Candidate school, Newport, R.I.

Versteeg, who is assigned to the electronics building on G-1 range, has been at China Lake since July 1952. Lucich, who is attached to the bomb disposal unit, came to China Lake from duty in Japan in April 1953.

Coming and Going

Public Works — Henry C. Felts, electrician lineman; Bette L. Jack, Esther M. Nixon, clerk-typists; C. Ray Offill, engineer; William G. Ballard, construction inspector.

Explosives — Adrienne F. Young, clerk.

Supply and Fiscal—Joan P. Ainsworth, typist.

Test—Lillian E. Laskey, mathematics aid; Helen L. Taunton, clerk-typist; Mildred Kubilis, clerk.

Technical Information — Carol J. Hutton, library assistant.

Pasadena

NEW EMPLOYEES:

Underwater Ordnance—Julius M. Stegman, electrical engineer.

TERMINATIONS:

Inspection — James H. Spillane, mechanical inspector (gages).

Manufacturing — Joseph C. Gray, Edward J. Sterkel, toolmaker; Don C. Kimmons, Bernard L. Lane, Rollin Lincoln, machinists; Walter I. Satler, mechanical engineer.

Product and Production Engineering — Edna C. Smith, clerk-stenographer.

Supply and Fiscal — Beatrice J. Newell, time and leave supervisor.

Technical Library — Vanette M. Ward, library assistant.

Technical Publishing—Ruth Hausman, clerk-typist.

Underwater Ordnance — John G. Mowat, mathematician.

Accelerometer . . .

(Continued from Page Six)

response and unusual linearity and zero stability.

Laboratory tests performed at NOTS on the latest model designed by Mr. Driver indicate the following performance characteristics:

Range adjustable to 24 "g" units maximum.

Sensitivity constant adjustable from 0.5 to 1.5 milliamperes per "g" unit, or from 5 volts to 15 volts/g.

Resolution—0.0002 g units.

Accuracy and linearity better than 0.1 per cent.

Natural frequency above 100 cycles per second.

Weight—1.3 pounds.

Zero stability within .0005 "g" units, or 0.5 milliradians angle over an ambient temperature range of plus 60 to minus 60 degrees Centigrade.

Interest in the locally developed accelerometer has mushroomed since the presentation of a technical paper by Mr. Driver describing the instrument and its potential applications at the National Bureau of Standards Fifth Conference on Basic Instrumentation in the spring of 1952.

Interest aroused by this and other reports submitted by Mr. Driver, which revealed the versatility and unusual performance of the instrument, subsequently led to its adoption for commercial production by the Donner Scientific Instrument Company.

Commercial Production Under Way in Berkeley On Station-Developed Precision Accelerometer

Commercial production of a precision electronic servo accelerometer, which was developed at NOTS, is now under way at the Donner Scientific Instrument Company in Berkeley.

The accelerometer, which is basically an instrument for measuring the rate of change of velocity of any object to which it is attached, was originally designed and developed in 1946 by Paul Driver, an electronics engineer in development division No. 3, Aviation Ordnance Department.

The instrument was developed initially for detecting and measuring linear accelerations of relatively small amplitude and low frequency, such as are experienced by an aircraft in flight.

When properly oriented with respect to the aircraft's longitudinal datum line, the instrument may also be used as a sensitive inclinometer for the measurement of dive angle under certain restricted conditions of flight. Similarly it may be employed in connection with aircraft angle of attack studies, and for in-flight calibration of angle of attack measuring devices.

Useful in Laboratory

Because of its unusual stability, sensitivity, accuracy and flexibility, the instrument has proved to be extremely useful in the laboratory as a basic reference for testing and calibrating other electro-mechanical transducers. It also may be used as an adjustable current source, producing several milliamperes of d.c. current as controlled by the orientation of its sensitive axis in the earth's gravitational field.

Several other adaptations of this basic instrument exist, and these are being investigated and developed by the Donner Company. Among them are an angular accelerometer, a servo-integrator and a d.c. electro-mechanical amplifier.

Since the initial development in 1946, Mr. Driver, with the assistance of Andy Moller, an instrument maker formerly employed in AOD, has constructed a total of nine accelerometer units, representing three different models.

Additional features and improvements were incorporated in each subsequent model as dictated by field usage and newly developed applications, some of which imposed very exacting requirements on performance characteristics and insensitivity to environmental conditions.

In Constant Use

The utility and reliability of the servo accelerometer is evidenced by its almost constant usage at NOTS during the past several years as a basic component of aircraft instrumentation for the determination of aircraft flight characteristics and the flight evaluation of aviation ordnance equipment.

Three units currently installed in three different project aircraft util-



DR. VICTOR B. COREY, right, technical director of the Donner Scientific Instrument Company, demonstrates one of his company's first production servo accelerometers to Paul Driver, who developed the original models at NOTS. The unit, with the electro-mechanical element removed from its case, can be seen in the foreground resting on a mechanical shake table.

ized by the exterior ballistics branch of the Research Department have been in operation continuously during the past 20 months with no apparent malfunctions or maintenance difficulty, according to Leroy Riggs, project engineer.

The Gruuman Aircraft Co. of Long Island, N.Y., reported excellent performance and reliability from one unit loaned to them for six months while conducting flight tests on a newly developed jet type aircraft.

Unusual Stability

The unusual performance and stability of the NOTS-developed accelerometer is achieved by virtue of a unique feature in the basic design which distinguishes it from all other commercially available accelerometers, both from the standpoint of design and performance.

This feature involves the use of a miniature high frequency oscillator as a controlled source of current, and an unbalanced D'Arsonval meter movement with permanent magnet, such as is found in any commercially available d.c. milliammeter.

Servo control of the oscillator d.c. plate current which flows through the meter coil is accomplished by a very small variable capacitor, which closes the servo-loop through the oscillator and meter coil. The movable plate of this capacitor is formed at the outer end of a special (stainless steel tubing) meter arm or pointer, which is attached mechanically and electrically to the meter coil bobbin. These principal elements are combined in the closed-loop electro-mechanical circuit so as to provide a force-balance system.

In operation, two opposing torques are developed, one accurately proportional to the acceleration force acting along the sensitive axis of the pendulous movement, and the other precisely proportional to the net d.c. current flowing through the

meter coil. The latter is continuously controlled by the relative position of the capacitor plates so as to automatically produce a precise balance between these two opposing torques. Hence, the d.c. current output is accurately proportional to the applied acceleration force, since any variation in the latter results in a corresponding variation in the former, so as to restore the meter coil and pointer assembly to its former equilibrium (zero deflection) position. The output d.c. current is not only linear, but goes through zero at zero acceleration without drift or hysteresis.

Angular Accelerometer

In order to employ the instrument as an angular accelerometer it is only necessary to statically balance the coil and pointer assembly by means of the counter weight provided. The instrument now becomes insensitive to linear acceleration, but because of the moment of inertia of the movement, a torque will now be developed in proportion to the applied angular acceleration acting about the pivot axis.

As before, the acceleration force is measured precisely by the d.c. current required to maintain a torque balance condition, or essentially zero deflection of the movement.

The phenomenal linearity resolution and stability of the NOTS servo accelerometer, when compared to other electro-mechanical transducers designed for airborne use, derives from the closed-loop feature and the high loop gain attainable from the 250 megacycle oscillator-variable capacitance pick off combination. The loop gain is maintained high to achieve fast response and negligible deflection of the coil and pointer assembly from its nominal zero "g" position.

This results in faithful dynamic

(Continued on Page Seven)

Reports from Technical Departments

Hall, Here 9 Years, Leaves for Corona

Norman S. Hall, who holds NOTS employe No. 1014, left the Station today after nine years to accept a position in the missile evaluation department of the Naval Ordnance Laboratory at Corona.

His last assignment here was head of the projects section, exterior ballistics branch, ballistics division, Research Department. Going with him to live in Riverside are his wife and their two children, Terry Anne, 5, and Norman Shannon, 2.

Mr. Hall was graduated from the University of California at Berkeley with the class of 1941, gaining his BS in physics and mathematics.

Following graduation, he went to the Philippine Islands to work with BuOrd at Manila and was captured by the invading Japanese army on Jan. 2, 1942. He was released Feb. 23, 1945 from the prison camp at Los Banos on the island of Luzon and later in the year came to the Station.

Work here has been continuous except for three years of educational leave when he returned to Berkeley for graduate study in mathematics. Among his recreational pursuits have been baseball and bowling.

Changes Announced In Graduate Program

A change was announced this week in the schedule of UCLA off-campus graduate program classes to be offered at China Lake during the coming Fall semester.

Mathematics 224A, Functions of a Complex Variable, is to be offered in place of Mathematics 199II, Advanced Statistics, which is being postponed until the Spring semester in 1955.

Dr. L. E. Ward will instruct the course in Math 224A.

13 Employes Get Five-Year Pins

Station five-year service pins were awarded recently to 13 employes in the Design and Production and Aviation Ordnance Departments by K. H. Booty and Dr. N. E. Ward, respectively. Recipients were:

In Design and Production—May Butler, Madeline Canova, Ernest Menard, John Small, W. C. Twyman and Steve Herzog.

In Aviation Ordnance — Henry Newburg, Lloyd Faires, Maxine Deem, Inez Belcher, Lee Gibbons, Chester Dupuy and Phillip Mathews.

News from Pasadena

EMCO Hears Report On Consolidation Plans for Annex

Meeting at Thompson Lab last week were the newly elected members of the Employee Management Council, under the chairmanship of Frank Hill, Jr.

CDR R. A. Thompson, USN, Officer in Charge, outlined plans for the consolidation of the Annex in the buildings at Foothill, explaining that although major alterations must await departure of all personnel who are moving to China Lake as well as budget approval by the Bureau of Ordnance, minor alterations, those costing less than \$2000, have already been started.

In discussing the question of EMCO's role at the Annex, members agreed that EMCO has a significant contribution to make toward better management in sharing the responsibilities by providing communication all the way along the line, both up and down. Council members considered middle management a "lost group" and suggested that when problems arise which concern division heads, they be invited to attend the council meetings.

Since it is the function of EMCO to furnish opportunities for management and employes to meet for their common advantage and to promote mutual understanding and confidence, no level of management should be neglected, members felt.

Other subjects discussed at the meeting were: The need for contributions to the blood bank; all hands meetings; mess hall conditions at San Clemente Island; bus service to Morris Dam; the appearance of the Foothill property, and the recent membership of NOTS in the Pasadena Chamber of Commerce.

Civil Defense Work Of Employe Praised

Frederick L. Richards, an employe in the Technical Information Department, and his wife, Louise, received high praise from officials last Sunday for their four years of volunteer service in Pasadena's Civil Defense organizations.

Mr. and Mrs. Richards held administrative staff, operational and advisory positions on the Red Cross disaster committee, Pasadena Civil Defense, USAF Air Defense Filter Center, and the USAF Civil Air Patrol.

In recognition of their service, the Richards received a gold engraved buffet service from Captain Donald W. Johnstone, commander, and 28 officers and members of CAP squadron 17, at a gathering at the home of Dr. and Mrs. Alan W. Hazelton, in South Pasadena.

Vernon Hayes Busy With Boy Scouting

Just returned from a Boy Scout camping trip in the High Sierras are Vernon W. Hayes, head, shop stores branch, Supply and Fiscal Department, and his son, Wallace.

Mr. Hayes, committee chairman for Troop 168, Temple City, San Gabriel Valley Council, accompanied 14 Scouts on the ten-day trip, which included a hike from Horseshoe Lake in the Mammoth group to the Devil's Post Pile and back—12 miles. The hike, which followed an established trail, was downhill (from 9000 to 6500 feet) going, and uphill the long way back to camp.

Mr. Hayes' 13-year-old son, Wallace, was recently honored by election into membership of the Ta Tanka Lodge of the National Order of the Arrow.

Initiated by "the ordeal of membership" at Camp San Antone, Wallace was required to keep absolute silence for 24 hours and work at hard labor. With most of his clothes taken away from him, he was given practically no food for the day. A wooden arrow, hung around his neck, would have been notched for any violation of this strict regimen. A



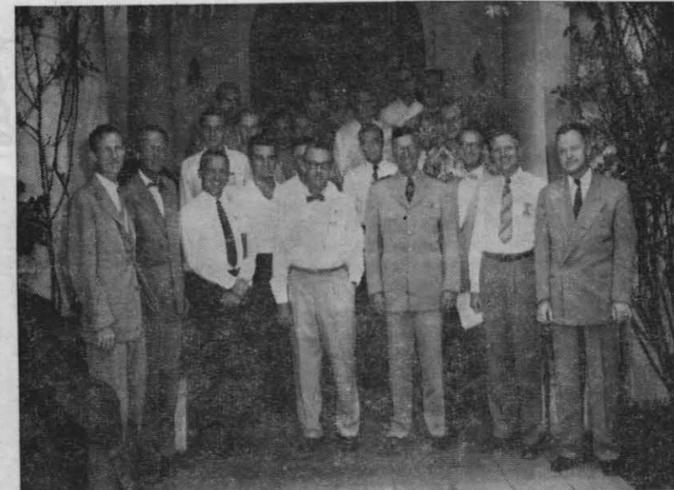
VERNON HAYES is shown with his son Wallace, who is wearing his Boy Scout uniform adorned by National Order of the Arrow emblem.

boy whose arrow receives three notches would be automatically eliminated from a chance at membership in the coveted Order of the Arrow.

Wallace holds the rank of First Class Scout and is senior patrol leader of his troop. He and his father plan to continue with Scouting during his years in high school.

FAST FIRE DRILL PRAISED

A sneak fire drill staged by Jack S. Hughes and witnessed by Captain Charles Hildebrand of the Pasadena Fire Department was highly successful and brought commendation to the Annex for its efficiency. Thompson Lab was completely emptied in the record time of six minutes. Repeated at Foothill, the same orderly and speedy evacuation was accomplished. The cooperation of employes is much appreciated both by management and by Mr. Hughes.



JUNIOR SCIENTISTS at the Annex gather with management officials to discuss mutual problems. They are, front row from left, G. V. Schliestett, W. H. Saylor, J. A. Zivic, George B. Thurston, associate professor of physics, Oklahoma A. and M. University; CDR R. A. Thompson, USN, Officer-in-Charge; E. J. Jones, Jr., J. H. Jennison, and A. J. Tickner. Behind them are Daniel Schechter, Dale Teaney, David Thomas, David Danner, William McCullough, Aldo Di Loreto, Robin Verdier, William Kloepfer, Frank Perry, Louis Kilchenman, Ronald Ogilvie, John Phillips, Don Braidwood, Robert Marimon, and Robert Muth.

Management Officials Describe NOTS Mission to Student Trainees

Meeting last week with a score of student trainees who are at the Annex for the summer were representatives of top management to explain the mission of the Station and to assure the young scientists of a keen interest in their welfare, both present and future. Opportunity was also given for the students to ask questions and express opinions.

CDR R. A. Thompson, USN, Officer in Charge, was introduced by E. J. Jones, Jr., of the personnel division, who acted as chairman. CDR Thompson, speaking of the Navy view in research and development, said, "It is the business of the Navy to provide weapons to the Fleet. We must keep ahead, producing ever better weapons. This can be done only by development. I can assure you that the Navy is interested in development."

W. H. Saylor, Associate Technical Director for Pasadena, spoke about the challenge which faces young scientists at NOTS. "We are very much interested," he said, "in integrating new employes into our organization. What we are doing here depends upon individuals. Students who join us for the summer and after graduation are our primary source for those who come in at the bottom and grow up with, and through, the organization. We are proud that we have been largely successful in attracting and holding good people.

"The longer you stay in Federal service, the more conscious you will become of being an integral part of the government of our country. Our board of directors is the Congress. Our president is the President of the United States. You will also feel

an identification with the military, in the business of developing advanced weapons as a part of the defense structure of our country—major contributions to the arsenal of the Navy."

Outlining in detail the technical work done at the Annex, Mr. Saylor emphasized that those with a creative spark have ample opportunity to develop ideas and extend the boundaries of knowledge. Others who excel in the reduction of ideas to practicalities find this a very rewarding type of work.

Engineers find plenty to do in designing and fabricating a complete weapon, and in "customer engineering," which involves not only production and evaluation but introduction of the new weapon to the Fleet, training Fleet personnel, and trouble-shooting. "The types of opportunity and responsibility, with freedom of action and initiative, are almost unlimited for the ambitious young scientist who comes to NOTS," Mr. Saylor concluded.

Others present at the meeting, who discussed mutual problems with the summer trainees, were, from the Underwater Ordnance Department: Thomas C. Mico, G. V. Schliestett, J. L. Alford, D. J. Wilcox, A. J. Tickner, J. H. Jennison, J. A. Zivic, and M. D. Odekirk.

SAFETY SLOGAN OF THE WEEK

"Think safety today so you can think tomorrow."—Robert E. Johnston, chemist, thermodynamics branch, undersea warfare research division, Underwater Ordnance Department, submitted the above slogan in the recent safety contest.

Groggy Rockets Play Edwards Tonight

Still groggy from a 19-4 pounding they suffered at the hands of the George Air Force Base team Wednesday night, the Rocket all-stars will take to the field again tonight in an attempt to repeat last week's startling win over the horsehiders from Edwards Air Force Base. Game time at Schoeffel field will be 8:15.

The visitors from Victorville had a field day at the plate in Wednesday night's tilt, which was called at the end of seven innings, pounding two Rockets pitches for a total of 17 hits.

Pitching weakness and the Rockets inability to hit led to the one-sided loss, as in addition to giving up 17 hits, the local hurlers also issued 13 walks. Meanwhile, the Rockets were limited to four hits and twelve local batsmen went down via the strike-out route.

The locals were never in serious contention, as the airmen scored four runs in the second, and added another five in the fourth before the Rockets were able to break the ice with two tallies in the bottom of the fourth.

George bounced back with two more runs of its own, and in the seventh, when 13 men went to bat, poured across another eight runs. Six runs scored after the Rockets had two men out.

The final two runs for the locals came in the last of the seventh.

Golf Instruction Now Being Offered At Driving Range

Paul Someson, holder of the nine-hole record (a six under par 29) at the Statellite Lake golf course, is now serving as an instructor at the recently completed golf driving range on Wasp Road, just north of the Richmond Elementary School.

The driving range is open Monday through Thursday from 5 to 10 p.m.; on Fridays and Saturdays from 12 noon to 11 p.m., and on Sundays from 12 noon until 10 p.m.

Golf ball driving contests, open to all interested persons, are being staged on weekends, starting at 7:15 p.m. The entry fee is three balls for 50 cents and prizes will be awarded to entrants who display the most accuracy with their drives.

UMPIRE'S GEAR MISSING

Pony League officials are still looking for the umpire's chest protector and mask that came up missing after a recent game. Since the equipment has no practical use except at ball games, it is believed that it may have inadvertently been thrown in the back of someone's car and forgotten. Officials have therefore asked that another check be made to see if the missing equipment can be found.



ALL STARS of the local Powder Puff league represented the Station in a practice game at Lone Pine Tuesday evening, prior to the opening of their regular league schedule. They are, front row from the left, Carol Bills, bat girl, Jean Boles, June DeBejar, Doris Dunaway, Ruth Thompson, Julia Boles, Laura Freitas and Sue Tripp. In the back row are "Pee Wee" Rees, manager, Mary Ann Bills, Barbara Tolkmitt, Pat Joyce, Pat Adams, Francis Aldrich and Joan Burkardt.

Girl All-Stars Top Lone Pine, 6-3; League Play To Start Here Aug. 9

The China Lake Powder Puff softball league all-stars traveled to Lone Pine Tuesday evening for their first practice game and wound up taking the measure of their opponents by a score of 6 to 3.

Scoring one run in the first inning on a walk and three singles, and driving in two more runs in the second frame on a series of two doubles and two singles, the locals settled down behind the pitching of

Gun Club Plans 'Sighting-in Day' At Rifle Range

Local hunters will have an opportunity to "sight-in" their rifles in preparation for the coming deer season on Sunday from 8 a.m. to 5 p.m. at the Ridgecrest Gun Club range.

Targets will be set up at 50, 100 and 150 yards, and a local gunsmith, Dick Steele of Ridgecrest, will be on hand to assist hunters with their repair problems.

A flat fee of \$1.50 will be charged which will entitle the hunter to as much time on the firing range as he needs to properly adjust his gun sights. Four local hunter safety instructors certified by the National Rifle Association will be present to act as firing coaches and answer questions on hunting safety.

The Ridgecrest Gun Club range may be reached by turning left at the county dump sign south of Ridgecrest and continuing east following signs posted by the club which point the way to the range.

Louise "Pee Wee" Rees, the team manager, and continued to hold the lead for the remainder of the game.

Rees struck out 14, while issuing only three walks in the seven inning contest. Six of the first eight batters to face her went down via the strike-out route.

In the third inning the local all-stars ran into a little trouble when their opponents managed to push across two tallies as five batters reached base on three hits and a pair of errors, but tight play removed the danger leaving three runners stranded on base.

The local team scored again in each of the last three innings and Lone Pine scored a final tally in its half of the seventh, making the final score, 6 to 3.

Five teams now comprise the Powder Puff league, which will begin official league play on Monday, Aug. 9, with a game between the Wildcats and the Tigers. All games will be played on Little League diamond No. 1, starting at 8 p.m.

The teams, their managers and sponsors are: Devils—Jack Irvin, Desert Amusement Co.; Tigers, Udel Prescott, Desert Food Center; Raiders, Chuck Devalon, Read's Department Store; Bulldogs, Homer Leslie, Golden State Dairies; and Wildcats, Bill Tyler, Village Supper Club.

Arrangements are now being made to bring in an outside team for an all-star game sometime within the next two weeks. Teams in Mojave and Lone Pine are being contacted now and it is hoped that final plans can be announced in next week's Rocketeer.

Pony Leaguers Drop Play-off Tilts At San Bernardino

Two straight defeats eliminated the local Pony League all-star team from the sectional play-offs held in San Bernardino.

In their first play-off game Saturday afternoon against the Pacific League all-stars of San Bernardino, the locals were blanked 3-0. Craig Bradley, the winning pitcher, limited the China Lake Pony Leaguers to one hit and struck out 14.

The Pacific all-stars scored twice in the third inning to break a scoreless deadlock at that point, and then added an insurance run in the last half of the sixth.

Frank Rodriguez, Pacific center fielder, broke the scoring ice after getting to first base safely on a dropped third strike. He stole second and advanced to third on an overthrow at the keystone sack, and then came home on a wild pitch.

A single, following on the heels of two walks, accounted for Pacific's second run of the game. Bradley scored the game's final run in the sixth, getting on base via a walk and then moving around to score on two swimming singles.

In the consolation tilt Sunday against the Needles, Ariz., all-stars, the locals came out on the short end of a 6-3 score. After scoring one run to start the game, the China Lakers fell behind, 4-1, as the Needles nine scored two runs each in the first and second innings.

A home run by Jerry Segler, China Lake outfielder, which scored Dale Mead ahead of him, put the locals back in contention, 3-4, in the fourth inning, but the Arizonans tallied one run in the bottom of the fourth and again in the last of the sixth while holding the China Lake team scoreless.

The local nine outthit the winners, 8 to 3, but was the victim of another sterling pitching performance, this time by Jerry Pascale, who struck out 13.

Station League Softball

(All games at Beer Hut Diamond)

Monday

GMU 61 vs. Research, 6:30 p.m.
Apprentices vs. NAF, 8:30 p.m.

Tuesday

GMB vs. China Lake, 6:30 p.m.
Officers vs. NAF, 8:30 p.m.

Wednesday

Apprentices vs. Research, 6:30 p.m.
Marine Barracks vs. GMU 61, 8:30 p.m.

Thursday

Public Works vs. NAF, 6:30 p.m.
GMB vs. GMU 61, 8:30 p.m.

Scores

Apprentices 16, GMU 61, 0; NAF 14, Marine Barracks 7, China Lake 7, Officers 0, Public Works 10, GMB 8; Marine Barracks 21, Research 9; GMU 61, 21, Officers 8; NAF 12, GMB 9; China Lake 18, Public Works 5; Apprentices 9, Officers 5; Research 7, GMB 0; NAF 7, China Lake 0; Public Works 11, GMU 61, 10.

New Members Sought by Salon Photography Group

Increased activities during the fall are anticipated by the salon group of the China Lake Photographic Society, which is currently in the midst of a drive for new members.

Membership in the group is open to all Station personnel, either civilian or military, who are interested in taking and exhibiting salon-type photographs.

Persons wishing to obtain information on joining should call either Hugo Meneghelli, chairman of the group, at 77391, or Al Christman, at 74974.

The group is now displaying outstanding examples of its work at the China Lake Community Center, where a continuous photo exhibit is maintained. A new group of 18 pictures is now on display and will remain on view for approximately two months, when another series of photos will be displayed.

28 Classes Slated Under Bakersfield College Program

Plans are being made to offer a total of 28 classes during the Fall semester of the Bakersfield College extension program at China Lake.

Registration for the classes will be held Aug. 16 through 19 from 7 to 9 p.m. at the Burroughs High School office.

Of special interest to local students is the Hygiene 1 course to be offered under the Bakersfield program. It meets the requirements for both the college Associate of Arts degree and for high school graduation, according to Wilbur Shortt, Burroughs Evening High School principal.

Little League . . .

(Continued from Page 1)

evening. The second Little League contest on tap Tuesday will match the winners of the Owens Valley vs. Bishop and Delano vs. Wasco games, which are slated tomorrow at Bishop and Delano, respectively.

Starting times of next Tuesday night's games will depend upon which teams play, as some of the teams are opposed to playing night games under the lights, according to Mr. Dragovich, who has been appointed area tournament director.

The two winning teams on Tuesday will tangle here the following evening for the District Four championship and the right to travel to Palo Alto to compete in Little League sectional play-offs scheduled Friday and Saturday, Aug. 6 and 7.

The regional competition between sectional winners from eight Western states will be held at Santa Monica, Aug. 11-14, and the national championship Little League play-offs will be held at Williamsport, Pa., from Aug. 24 to 28.

Weapons System Evaluation Group



VISITING THE STATION earlier this week were five members of the Weapons Systems Evaluation Group of Washington, D.C., led by Rear Admiral Paul D. Stroop, USN, who preceded Captain D. B. Young, USN, as Station Commander, and Maj. Gen. W. L. Barriger, USA. Shown in the conference room at Michelson Laboratory last Wednesday morning, the guests are, left to right, Dr. C. A. Boyd, Dr. William Shockley, Captain Young, Admiral Stroop, General Barriger and Colonel J. H. Griffith, USA. Following tours of the ranges to witness firings, the party left during the afternoon. An informal reception for the visitors was held Tuesday evening.

Weekend Accidents Claim Three . . .

(Continued from Page 1)

Six youths, including Benckendorf, went swimming to escape the heat, but when the other boys finished their swim and left the reservoir, Benckendorf remained behind. The boys shouted back and forth at each other while dressing, but a period of silence caused them to become alarmed and when they went back to investigate, Benckendorf was discovered floating face down in the water.

Floyd Dials, a Randsburg fireman, was summoned and he attempted to revive the youth with a resuscitator but to no avail. The boy was pronounced dead at 1:40 a.m., in the Ridgecrest Hospital.

Christy, 46, was killed Saturday at

4:30 a.m., on Highway 6, about 15 miles south of Inyokern. According to California Highway Patrol Officer Robert Garrison, the car overturned and in doing so, apparently threw Christy out and then rolled over on top of him. The body was taken to the O'Donnell Funeral Home in Mojave.

Mrs. Hilderbrand, 39, of the Wag-on Wheel Trailer Court, Ridgecrest, was seriously injured when the car in which she was riding overturned near the summit of Walker Pass on Highway 178. The accident occurred at 5:30 p.m., Saturday. Mrs. Shirley E. Morgan, of Long Beach, driver of the car, also was taken to the Ridgecrest Hospital, but was released Tuesday evening.

In another local accident, two girls, Helen and Glenna Reye Gist, of Tempe, Ariz., who were visiting their uncle, A. C. Gist, of Inyokern, were injured when their vehicle overturned on a dirt road leading south from the Inyokern Airport.

Helen suffered a concussion and other major injuries. Glenna Reye was only slightly hurt. The accident occurred about six miles south of Inyokern at about 4:20 p.m. on Thursday, July 22.

In an accident last Monday evening, five people were injured, including Mrs. Tungate, her husband Everett, 30, and daughter, Linda, 4. The incident occurred near Onyx, west of Walker Pass on Highway 178.

Two other passengers involved in the mishap were Mrs. Miranda and her daughter, Geraldine, 7. All five occupants of the car were taken to the Ridgecrest Hospital. Mr. Tungate and Linda are the only two who have been released so far.

According to reports from the Highway Patrol, Everett Tungate, driver of the vehicle, lost control of the car which struck a soft shoulder and overturned.

China Lake Scouts At Huntington Lake For Annual Outing

Members of Boy Scout Troops 3 and 35 of China Lake have spent the past week at the Kern County Council Boy Scout Camp at Huntington Lake. The camp is situated in the High Sierras, about 60 miles east of Fresno.

The scouts left China Lake last Saturday and most of them will return tomorrow, with the exception of eight members of Troop 35, who, together with Scoutmaster Don Stoffel, plan to remain at the camp for another week.

During their week-long outing, the boys have worked to fill the various requirements necessary to advance at least one rank in the scouting program, according to Jene Harris, scoutmaster of Troop 3.

Other activities have included swimming, canoeing and sailboating, as well as overnight hikes, planned to teach the boys how to take care of themselves and also to give them practical lessons in nature study.

At China Lake, news this week regarding the Cub Scout program centers around plans being made to set up a program of activities.

Dr. Richard Potter, head of the metallurgy branch, Research Department, who is chairman of the local Cub Scout program, and LeRoy Jackson, who is the training committeeman of the Desert District Cub Scouts, are working together on the calendar of events for the next year.

3 More Employees Move to China Lake

Three more people have transferred to China Lake from the Pasadena Annex, bringing to a total of 36 the number of employees who have been moved as a result of departmental reorganization on the Station.

The new arrivals are Leslie Hildreth, production specialist; Forrest Hanawalt, machine operator, and Jack E. Smith, machinist.

PERSONNEL CONFERENCE HELD

PASADENA—Norman J. Newcomb, Dr. Paul Buchanan, and Bernard Silver, of the personnel division, visited Norton Air Force Base in San Bernardino last Friday for a conference with members of the Civil Service Commission on personnel management. Dr. Buchanan participated in a panel discussion on "Communication," led by Ray Meeker, western area representative of the Chief of the Department of the Air Force.

TRAFFIC COURT REPORT

Nine motorists appeared at this week's Station traffic court session, and received warnings for various traffic violations. Citations were issued for illegal parking, speeding, failure to heed a boulevard stop sign, and driving without a license.