

CONGRATULATIONS are extended to Pfc. George Litkewitsch, a member of the Marine guard unit, by his commanding officer, Maj. John H. Griffin. Pfc. Litkewitsch, a native of Germany, recently became an American citizen.

## Marine Guard Earns Citizenship

Pfc. George Litkewitsch, 20, USMC, of the China Lake guard detachment, became an American citizen last Friday and is celebrating by taking a month's leave to visit his family in St. Paul, Minn.

He came to this country from Wurttemberg, Germany, in 1950 with his father and mother, and the family took up residence in St. Paul. His mother is a surgeon attached to St. Luke's hospital there. Young Litkewitsch completed his interrupted high school course and entered the University of Minnesota.

"I knew that I would be subject to military duty—sooner or later," he said this week at the Marine barracks, "so I enlisted in the Marine Corps. I chose the Corps because I believe that it is the best service we have."

He spent time at sea aboard the USS Quincy (CA 71) before coming to China Lake last March.

When he is home during his leave, he intends to see what college tests he must take to follow a course in language studies. He speaks fluently in four languages — English, German, Russian and Polish—and is able to translate several more. He believes that this ability may be useful eventually in the diplomatic service.

Maj. J. H. Griffin, his commanding officer, said, "Private Litkewitsch is a fine military man and we are all proud that he has earned his new citizenship."

## SET BACK REFRIGERATORS

When leaving their housing quarters for any period of time, such as on weekends or vacations, Station tenants are requested by Public Works personnel to set their refrigerators at "vacation position," around 45 degrees. This will not only protect the condensing unit, but will preserve food that may be left in the refrigerator for a short period of time.

## Dr. Farley Accepts Post as Principal Of Desert High

Dr. Melvin L. Farley, former assistant superintendent of China Lake schools who resigned at the close of the recent school semester, has accepted a position as principal of Desert High School.

Dr. Farley will succeed Leroy Gemmell as principal of the high school situated at Edwards Air Force Base. He has served as assistant superintendent of China Lake schools for the past six years and for two years before that as the supervisor of local elementary schools.

Harold Pierce, former principal of Richmond Elementary School, will succeed Dr. Farley as assistant superintendent. He has been a teacher and school administrator at China Lake since the fall of 1946, when he came here to coach athletics at Burroughs High School.

## Burroughs Student Attends Girls' State

Joy Nelson, daughter of Mr. and Mrs. Ray Nelson, 211-B Entwistle, was a delegate at the 11th California Girls State program held June 23 to July 1, in Sacramento.

Miss Nelson, who was a princess at the 1953 Burroughs High School homecoming festivities, was sponsored by the John M. Armitage Unit No. 684, American Legion Auxiliary. The candidates for the Girls State program were elected by the high school faculty for outstanding character, leadership and scholarship.

Miss Nelson, who will be a senior at Burroughs when school convenes in September, was elected city clerk of the mythical city of Sierra during her stay at Girls State.

## HEAVY EATERS

Canada, which ranks fifth in America's foreign markets, bought about seven per cent of U.S. farm products in 1951. (AFPS)

## Tentative Approval Given to New Civil Service Appointive System

The Civil Service Commission has given tentative approval to major features of a new appointment system for the competitive Civil Service to be put into effect if the Whitten Amendment is repealed.

It should be noted that this is a proposed system which has been given tentative approval. It is not yet in effect.

Under the proposed new system, persons hired by the government through competitive examinations would receive a new type of appointment known as "Career-Conditional." Career-conditional employees will have competitive Civil Service status; that is, they may be promoted, transferred, reassigned to other jobs, or reemployed after a break in service, without again taking open competitive examinations.

For the first three years of their service, "Career-Conditional" employees will have a lower standing in reductions in force than regular permanent career employees. After three years, however, they will automatically move into the permanent career group. An employee's first year under a Career-Conditional appointment will be his probationary period, comparable to the present trial or probationary period.

Employees now on the rolls who have permanent tenure will not be affected by the plan. Indefinite employees who were hired through competitive examinations will automatically become permanent if they have had at least three years of continuous service, or Career-Conditional if they have had less than three years of service.

Indefinite employees hired outside Civil Service registers will also have a chance to get career-conditional

or permanent appointments by taking competitive examinations for their current jobs. If they make ratings high enough to bring them within reach for appointment, they may be converted to permanent or career-conditional depending on whether they have completed three years of continuous service.

Persons who have had Civil Service status but who have received promotions on an indefinite basis would become permanent automatically at their current grades. Those with Civil Service status who have received indefinite appointments in lieu of reinstatement would become permanent if they have had a total of three or more years of service, or career-conditional if they have had less.

## Callahan Reports As Assistant Public Works Officer

Duties of assistant public works officers were taken over this week by LCDR John J. Callahan, CEC, USN, who has reported to China Lake following two years as an instructor in the Department of Electrical Engineering at the U. S. Naval Academy.

He replaces CDR T. E. Barnett, who has been transferred to Kwajalein where he will serve as public works officer.

LCDR Callahan, a 1943 graduate of the Naval Academy, is a former submarine officer. He attended the submarine school at New London, Conn., upon receiving his commission from Annapolis, and served for two years aboard the USS Pike, a submarine, in the Pacific theater of operations during World War II.

He also served for a short period at New London helping to train submarine officers and men before being assigned to the torpedo research section of the Bureau of Ordnance in 1945.

From submarines and underwater missile work, he switched to the civil engineer corps in 1946 when he enrolled in a postgraduate program at Rensselaer Polytechnic Institute, Troy, N. Y. During 2½ years there, he received both his Bachelor's and Master's degrees in civil engineering.

His subsequent duties have been those of assistant and acting public works officer on the staff of the Commander, Naval Air Bases, 13th Naval District in Seattle, Wash.; and as public works officer at the Naval Supply Depot in Spokane, Wash., and at the Naval Supply Depot on Guam.

LCDR Callahan was accompanied to China Lake by his wife, Muriel, and their four children—Sean, Margery, Timothy and Peter. They have been assigned temporary quarters at 509-A Lexington.

## THE WEATHER

Mostly clear skies with surface winds light to moderate. Maximum temperature 100. Minimum temperature 68.

# Rocketeer

## TEMPERATURES

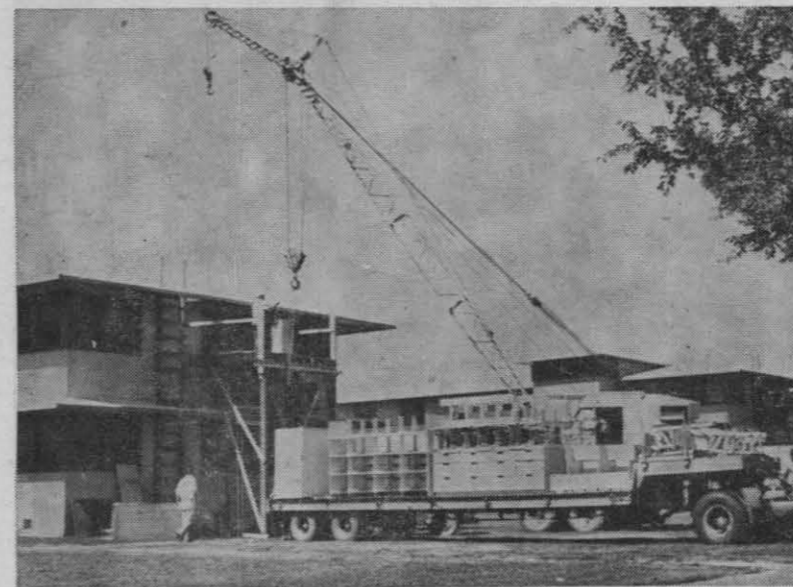
(Housing Area)

	Max.	Min.
June 24	107	78
June 25	100	68
June 26	93	63
June 27	95	66
June 28	99	58
June 29	103	60
June 30	100	64

VOL. X, NO. 26

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

JULY 2, 1954



A FAMILIAR SCENE these days at China Lake is that of numerous cranes being used to remove or install furniture in various buildings around the Station. Above, partitions and furniture are being removed from the upper deck of the visitors quarters to make way for Personnel Department offices to be established there.

## New Look Given Many Buildings As Station Office Moves Continue

Movement of Station offices from building to building, and arrival of Pasadena Annex personnel and machinery were the order of the week at China Lake in line with the current reorganization program.

Cranes of all sizes were in use taking furniture and files from the

Personnel building to the new Personnel Department location in Building 34 (transient quarters), and helping to move the Department of Community Affairs, identification and the office of the Station security officer from the Administration Building to Building 35 (housing).

Michelson Laboratory was having machinery moved around in the main heavy equipment wing to accommodate lathes, drill presses, jig borers, milling machines and other apparatus from Pasadena. Blacktop for storage space and a loading facility measuring 45 by 150 feet was being laid on the west side of the wing.

The old Personnel building will house the new Technical Information Department and most of the print shop.

The present training building will continue to accommodate the apprentice program, but other personnel will move to Building 34.

Many sections are still moving within the buildings, but telephone numbers are unchanged.

The five men who returned this week from Washington, D.C., where conferences on the move had been held at Bureau of Ordnance, included H. G. Wilson, R. W. Bjorklund, Harvey Roberts and Milton Neufeld of Central Staff, and Martin J. Snow of the Public Works Department.

## Station Facilities To Close Monday

With Independence Day falling on Sunday this year, the following day, Monday, July 5, will be a holiday for all Civil Service employees.

Facilities which will be open Monday include the Navy enlisted men's club and the civilian beer hut. The latter will be open from 2:30-11 p.m.

Closed Monday will be the post office, library, Michelson Laboratory cafeteria, Commissary Store, Navy Exchange activities and the China Lake Community Center. Also closed because of the polio situation will be the Station theater and all swimming pools.

The Station restaurant will be open during the following hours over the holiday weekend: 6:30 to 11 a.m. on Saturday and Sunday and 7 a.m. until 6 p.m. on Monday.

The Bank of America will be closed Monday, and will observe regular hours on Tuesday.

## Steps Taken To Prevent Spread of Poliomyelitis

Reporting of two additional cases of poliomyelitis in the China Lake-Ridgecrest area, bringing to a total of four the number of polio cases which have occurred within the past two weeks affecting local residents, prompted the Station senior medical officer to recommend Wednesday that a series of precautionary measures be taken against the spread of the disease.

Station officials were quick to point out, however, that the steps being taken are not an indication that the extent of the disease has reached any widespread proportions, or that it is liable to do so, but merely that every possible precaution is being taken to insure against such an eventuality.

Recommendations made by LCDR H. T. Johnson, MC, USN, and approved by Captain D. B. Young, USN, Station Commander, were:

(1) That all large gatherings, including the Fourth of July celebration planned Sunday evening at Kelly Field, be canceled.

(2) That the theater be closed, and that opening of the six-week summer recreation and crafts program, which was scheduled to start next Tuesday at local schools, be postponed.

(3) That all group athletics be discontinued.

(4) That swimming pools on the Station, which were ordered closed last Monday, remain closed.

(5) That only one person in a family at any one time visit the Commissary Store.

(Continued on Page Five)

## Employes Moved As Reductions at Salt Wells Continue

As a result of further reductions in the number of employees in the Explosives Department, the Personnel Department this week announced the additional movement of employees to other departments, and the separation of employees by reduction in force.

For the period from June 6 through June 21, arrangements were made to move 43 employees from the Explosives Department, as follows:

Six employees voluntarily terminated; fifteen were voluntarily reassigned; one employee was terminated by reduction in force, and twenty-one employees were offered reassignment through reduction-in-force procedure.

## Poll Planned On Relocation Of Burroughs High

Plans to conduct an opinion poll to learn the wishes of local residents regarding a proposed relocation of Burroughs High School have been announced by the Kern County Committee on School District Organization.

This move has come about as the result of an earlier request by the board of trustees of the Indian Wells Valley Elementary School District that a study be made of unification of their district by the county school district committee.

No definite date or method has been specified by the county committee for conducting the poll, which will seek to obtain a "Yes" or "No" answer from registered voters on the question of whether the present Burroughs High School plant should be turned over to the China Lake Elementary School District for junior high school purposes if the U. S. Commissioner of Education will provide the funds for a complete new Burroughs High School plant to be located on Station land, south of the Vieweg Elementary School but fenced outside the Station, similar to the Wherry housing project.

Procedures necessary to accomplish such a move, should it be favored by the electorate, are outlined in Dr. Earl Murray's "Superintendent's Notes" column on Page Seven. They include:

(1) A detailed recommendation to the Station Commander by the China Lake Elementary School District board of trustees; (2) approval of the recommendation and a request by the Station Commander to the U. S. Commissioner of Education for a new high school on a new site; (3) approval of the project by the California Division of School Planning and the State Department of Education, and (4) allocation of funds by the U. S. Commissioner of Education for the project.



# 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

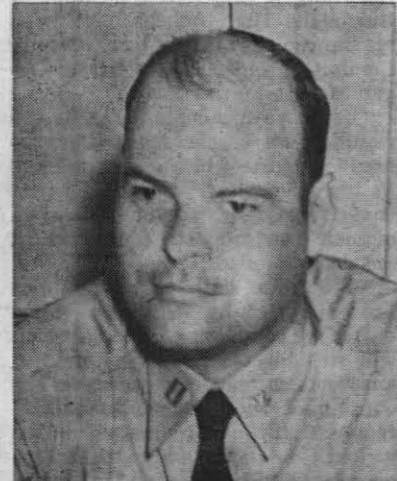
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## LT. R. O. Thurston, Commander's Aide, Is Polio Victim

LT Robert O. Thurston, SC, USN, 31, administrative aide to Captain D. B. Young, Station Commander, died Sunday night in San Diego at the Naval Hospital from an acute case of polio. He had been taken ill here June 23 and been flown to San Diego for treatment.



LT Robert O. Thurston

His remains were flown on Wednesday to Indianapolis, Ind., where funeral services are to be held.

He leaves his wife, Mrs. Norma Louise Thurston, and two sons, Stephen, 5, and David, 2. They resided at 500-A Saratoga.

Mrs. Thurston and John E. Thurston, her brother-in-law, flew from San Diego to Indianapolis on Tuesday. The children, who have remained at the Station in the care of friends, flew east on Wednesday with their maternal grandfather, Rollin Smith, of Zionsville, Ind.

LT Thurston had attended Indiana State University and the Supply Corps school at Harvard University. He was a member of the Phi Delta Theta fraternity. Prior to coming here in May he had served on board the USS Fulton.

### OFFICE TO CLOSE

The Adult Education office in the training building, will be closed from July 3 to July 25, inclusive.

## Name Selected For New Building

Florence Walker, a clerk in the instrument operations branch, Test Department, has been declared the winner of the first prize of \$25 for her entry in the contest to name the new community building. Her choice was, "China Lake Community Center."

Four people, Gladys Evans, Mrs. John E. Horry, D. S. Villars and Joseph Gassman, will divide the \$10 second prize for submitting the name "Young Community Center." The third place prize of \$5 will be divided between Gladys Twyman, Jane LaRosa and X. Martin Smith for their choice, "The Anchorage."

The final selection was made by a panel of judges composed of Captain T. F. Connolly, former Station Experimental Officer and Community Council president, Mrs. D. B. Young, wife of the Station Commander and Mrs. W. B. McLean, wife of the Station Technical Director.

## Examination Set For Student Aids

An announcement from the Personnel Department this week stated that the recruiting of student aids will be extended to college students who have completed at least one year of college and are majoring in a physical science or engineering.

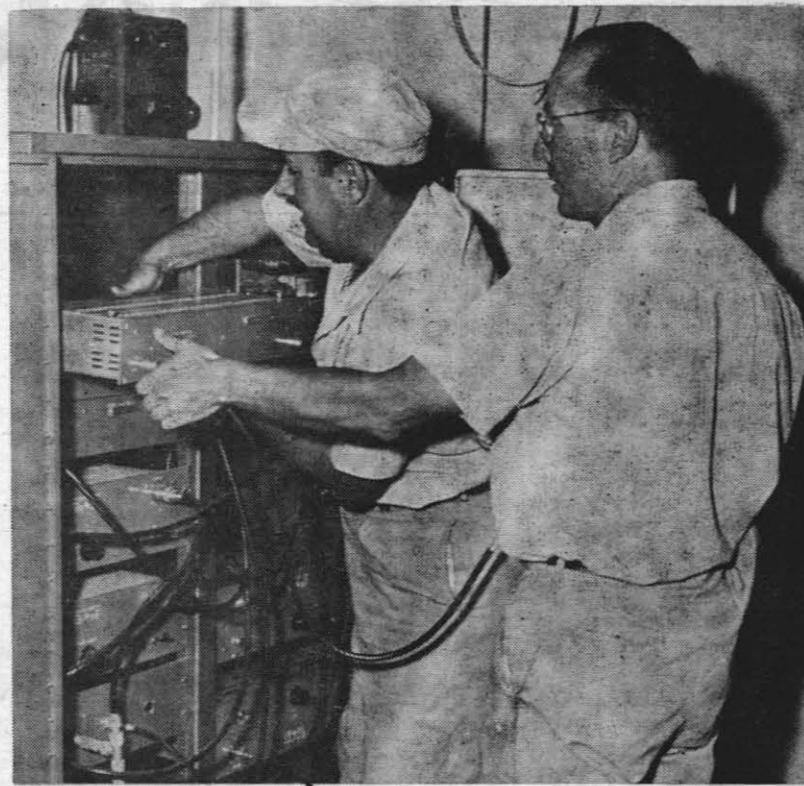
In order to establish a register to hire additional student aids, the Personnel Department will hold a competitive examination for college students residing in the local area who have completed one or more years of college and who are majoring in either physical science or engineering. This examination will be held at 8 a.m. Tuesday, in Room 216 of the Training building.

Interested students should report directly to the examination and should not report to the Personnel Department before that time.

### CONTAGION REPORT

There were two cases of chicken pox, one of measles, one case of scarlet fever and two cases of polio reported at the Station Infirmary this week.

## Further Progress at Laurel Mountain



NEW EQUIPMENT was installed this week which will increase the power of signals sent forth from Laurel Mountain to TV receivers throughout Indian Wells Valley. Perry Martinez, left, and Jack Neffew, two employees of the Engineering Department's manufacturing division who are among the crew of volunteer workers assisting with the repeater station project, are shown installing one of the amplifying units. The parabolic transmitting antenna for Channel 13 also has arrived and the station is expected to be on the air around the middle of next week, as soon as welders from the Engineering Department reclamation shop can build the base for the antenna and it can be connected with the signal booster apparatus.

## Drivers Told of Need for Care On Holiday-Crowded Highways

With another long three-day holiday coming up Station personnel are reminded of the need for exercising care on the highways if they are planning any automobile trips.

Messages reminding Navy and Marine Corps personnel of the necessity for a safe and sane Fourth in driving traffic-crowded highways have been received from the Commandant, 11th Naval District, as well as from the Office of Industrial Relations, Department of the Navy. The OIR safety message follows:

"Fourth of July! Flags flying—bands playing—hearts pounding! "There have been many changes in our way of living since that first July 4th, 178 years ago, but folks haven't changed much in the way they feel about this memorable day or in the ways in which they like to celebrate it.

"The only difference is that there are so many more folks today and, with the aid of modern transportation, they can travel so much faster and farther than they used to. It was quite an event back in the good old days when grandfather hitched up old Dobbin and took the family to a Fourth-of-July picnic five miles or so down the road.

"Now his grandchildren and great grandchildren think nothing of hopping into one of today's nifty versions of the 'horseless carriage' and whizzing 500 miles away to do their celebrating.

"You may think you've got it all over poor grandfather when it comes to having fun but, be that as it may, his chances of surviving a grand and glorious Fourth were considerably better than yours.

"Traffic-jammed highways and speeding motorcars will end in tragedy for many over this Fourth-of-July weekend. Don't let it happen to you. Resolve to be a careful driver, a courteous driver, a driver who is mindful of his speedometer and who obeys traffic laws—a driver who will be among those who return home safely from the holiday outing.

"Remember—safe driving is smart driving—it could save your life."

### PHONE MAINTENANCE SHIFTED

Telephone maintenance service was transferred from the Command Administration Department to the Public Works Department yesterday. The same phone numbers will be used as in the past for service, maintenance and new applications.

## Superintendent's Notes

By DR. EARL MURRAY

Some months ago the board of trustees of the Indian Wells Valley elementary school district petitioned the Kern County Committee on School District Organization to make a study of unification for their district. This would make it possible for that district to have a high school of its own, outside the limits of the U.S. Naval Ordnance Test Station.

Soon thereafter, the County Committee invited the China Lake elementary school district to enter the study. The China Lake board of trustees responded as follows: "The Board of Trustees of the China Lake Elementary School District does not, at this time, wish to request a study of unification by the Kern County Committee."

Since the expressed policy of the state Board of Education is against the unification of a district as small as the Indian Wells Valley district, the county committee has not as yet given its consent for unification but is rather, seeking other solutions.

The main issue seems to be that those who live outside the confines of the U. S. Naval Ordnance Test Station are not happy at having to send their students through a gate and onto a military station for high school purposes.

It has been suggested, therefore, that the present Burroughs High School plant be turned over to the China Lake Elementary School District for junior high school purposes and that a request be made to the U. S. Commissioner of Education to build a new high school plant nearer the center of population, on-Station, but fenced outside in the same manner as the Wherry housing project. A suggestion has been made that the location would be somewhere between the Vieweg Elementary School and the Wherry housing project.

The Kern County Committee on School District Organization has requested that a survey of the citizens of the total area be made in order to discover the desires of the people. The school boards of trustees are therefore attempting to do this; and in order to establish the validity of the responses and the responsibility of those who participate in the poll, they are requesting that only registered voters respond.

The opinion poll will not bind any one to support anything, either now or in the future, but it will give the County Committee on School District Organization some ideas upon which to proceed and upon which to base their conclusions. Therefore, it is necessary that the electorate respond in large numbers, in order that accurate conclusions can be reached by the committee.

The method of obtaining this opinion poll from the electorate has not been determined, but when the results are received they will be tabulated and made available to the County Committee, to each school district board, and to Station authorities.

Should the Station electorate prefer to change the location of the high school, certain procedures would be necessary to accomplish it. These are: (1) detailed recommendation to the Commander U. S. Naval Ordnance Test Station, by the China Lake Elementary School Board; (2) approval and request by the Commander U. S. Naval Ordnance Test Station to the U. S. Commissioner of Education for a new high school on a new site; (3) approval by the California Division of School Planning and the State Department of Education, and, (4) allocation of funds by the U. S. Commissioner of Education for the project.

## Last Rites Held For Mary M. Lee

Mrs. Mary Marcella Lee, 39, metric photo employe, died June 22 after a short illness. She and her husband, Mark T. Lee, plumber in the Public Works Department, had resided at China Lake since 1947. The couple had one son, Tony, now in the Army at Camp Gordon, Ga.

Memorial services were held June 24 at the Emanuel Southern Baptist Church, Ridgecrest, and interment was planned at Erick, Okla. Mrs. Lee had been active in the Ridgecrest church and taught a Sunday school class. A communion table will be presented to the church in her name.

### TRAFFIC COURT REPORT

Four drivers appeared at the Station traffic court this week and received warnings for the following traffic violations—illegal parking, speeding, failing to dim headlights, and failing to heed a boulevard stop.

## 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 employes, 39; terminations, 35.

## China Lake

### NEW EMPLOYEES:

Rocket—Stephen J. Gilbert, James J. Killackey, Sylvan Lafazan, John Nakakihara, Frank B. St. George, student trainees; Arnold Goldman, Kenneth L. Rogers, chemical engineers; Michael McNamara, physicist; Glen O. Johnson, electronics mechanic; Naomi I. Van Meter, clerk-typist.

Aviation Ordnance — Robert H. Forster, Dennis J. Wilson, Makoto Kato, Martin V. Taylor, student trainees; Richmond A. Lewis Jr., electronics mechanic; Thomas M. Tinkle, electronics engineer.

Office of the Commander—Freeman M. Stephens, student aid trainee.

Research—Werner Goldsmith, mechanical engineer.

Supply and Fiscal — Anna E. Krohn, clerk-typist; Robert E. Bonner, accounting clerk.

Test—Charles C. Reader, Sheldon W. Shenk, student trainees; Frank V. Breitenstein, physical science aid; Phillip W. Kupper, library assistant; Jack W. Stunkel, mathematician.

Engineering — Henry W. James, John M. Harin, James D. Davis, machinists; John L. Wells, student trainee; Roland C. Valitchka, industrial engineers.

Technical Information—Aileen G. Yonover, illustrator.

Research — Abraham Lipschitz, Donald Fuhlhage, chemists; John E. Young, David K. Pack, student trainees.

Public Works—Clarence V. King, refrigeration and air conditioning mechanic.

### TERMINATIONS:

Rocket — Waldo Barras, Bernard Bunke, engineering draftsmen; Lester Clark, R. H. McCaw, Thelma Luttrell, Fred R. Bliss, Maurice H. Suydam, ordnancemen; Albert L. Roberts, ordnance engineer.

Supply and Fiscal—Ardis N. Parson, typist; Jean H. Nelson, clerk-typist; Alma R. DeVous, card punch operator; Ione Cooper, accounting clerk.

Command Administration—LeRoy Gadbury, Thomas R. Gleeson, firefighters.

Personnel—Joan A. Beck, clerk-typist.

Test—Serita J. Moore, clerk-typist. Engineering—Charles L. DeVous, machinist.

Public Works—Gordon C. Schmid, laborer; Thomas W. Duke, plumber; Edwin Mapes, sheetmetal worker; James C. Connelly, leadingman, machinist; Arthur R. Schleicher, A. G. Arends, refrigeration and air conditioning mechanics; T. J. Little, carpenter.

Explosives—Allan H. Smith, chemical engineer; Clarence A. Ruggles, tool and gage designer; David G. Foote, security inspector; Edward T. Leigh, chemical engineer; Lela M. Kirby, staff nurse; Clarence G. Laman, ordnanceman; Lloyd D. Shetler, mechanical inspector; Charles H. Hodges, truck driver; Homer V. Frazier, general engineer.

## Pasadena

### NEW EMPLOYEES:

Public Works — Joe Woodson, laborer.

Technical Library—Masse Bloomfield, librarian.

Underwater Ordnance—Marian I. McCormick, clerk-stenographer.

### TERMINATIONS:

Product and Production Engineering—Howard A. P. Smith, electrical engineer.

Underwater Ordnance—Robert H. Korkegi, aeronautical engineer.

## Job Opportunities

### China Lake

An examination for clerk-typists and clerk-stenographers, GS-2 and GS-4, inclusive, is now open at China Lake.

Local residents interested in employment in these categories may obtain the proper card to file for the examination by applying at the examining branch in the Personnel Department's employment division.

### Pasadena

Clerk-Stenographer, GS-3. Underwater Ordnance Department Office. Call Dorothy Seaman, ext. 106, Thompson Laboratory.

Mail and File Supervisor, GS-4. Underwater Ordnance Department. Call Dorothy Seaman, ext. 106, Thompson Laboratory.



## Final Tests Completed on Instrument Control Panel Of New Barricade at Baker-4 Track Facility

Keys changed hands last week when W. H. Munns, of development division No. 3, Aviation Ordnance Department, completed the final testing of the firing and instrument control panel for the new barricade at the Baker-4 track facility.

The keys in question enable the range engineer, Jim Auck, of the track operations branch, missile range division, Test Department, to insure that no one else can initiate firing of the high-speed carriages used on the track at a time that will endanger the safety of the operating personnel.

When Mr. Auck assumes his position at the firing console, he unlocks the controls which permit firing, but even then a horn and siren must function on a pre-determined sequence to warn personnel in the vicinity before firing will actually take place.

### No Verbal Count Down

An interesting innovation is the elimination of the traditional verbal "count down" by the range engineer. Neon light bulbs with different colored bulls-eyes indicate the count down from 120 seconds, with the last 10 seconds being displayed one second at a time until the final bulb, which is appropriately colored red, signifies that the firing current has gone to the high-speed carriage.

This feature permits the range engineer to concentrate on the function of his instruments, as indicated by pilot lights on the control panel, and to observe the surrounding area to insure that no last-minute hazard has developed, rather than concentrate on a verbal count down.

Commercial timers, which were modified extensively by the manufacturer to meet the adverse temperature and sand conditions prevalent on the desert, automatically control the starting and stopping of 21 different recording instruments and/or cameras. Inasmuch as many of the high-speed cameras utilized at the track facility have a very limited recording time, it is essential that these timing channels control the cameras with a high degree of precision with respect to the firing, or else the camera may be out of film before the test run is actually started.

### Precise Timing Essential

The more precise timers are capable of controlling the operation of the recording cameras to approximately 1/100 second with respect to firing. Numerous interconnections of the timers may be made very quickly by means of an elaborate patch board similar to that utilized in manual telephone exchanges.

The lower control console shown in the accompanying photograph is used for checking all timing circuits and test runs without the firing circuits in operation. Another control console very similar to that shown is located in the upper story of the barricade building. This is the range engineer's control station for the



JIM AUCK, left, range engineer at the Baker-4 track facility, receives the keys to the firing and instrument control panel for the new Baker-4 barricade from W. H. Munns, the man who was responsible for the design, manufacture, test and installation of the equipment.

firing run.

Switching from one console to the other is done by removing the test plug on the lower console and inserting a firing plug. This gives the range engineer the master control of the firing.

The Baker-4 track facility was developed under the supervision of John Lechner and was originally a part of the Aviation Ordnance Department. Upon the completion of the SNORT track it was deemed desirable to consolidate the two tracks and others on the Station in a track operations branch under the direction of R. M. Nelson of the Test Department.

### AOD Project

However, the current improvements at the Baker-4 track, including lengthening of the rails themselves by 2000 feet, the construction of a permanent operating building, and the development of the instrument and firing control equipment, were initiated by the Aviation Ordnance Department before this transition took place.

Mr. Munns was responsible for the analysis of the requirements of the firing and instrument control equipment as briefly outlined by Mr. Lechner, as well as the design, manufacture, test and installation of the equipment. He designed not only the electrical circuit but specified all of the electro-mechanical components, some of which were made by contractors and many of which were locally fabricated. In particular, the custom-made metal cabinets and consoles were constructed by the sheetmetal shop of the former Design and Production Department, under the supervision of Harold Berry.

Mr. Munns gained much of his experience in the control of ordnance firing during his 21 years in the Navy. He retired in October

1945, as chief electrician, and accepted employment at the Naval Ordnance Test Station in May 1946.

Mr. Auck, the range engineer at Baker-4, is another long-time China Lake employe, having worked at the various Station ranges off and on since January 1946. His present stretch of employment began in March 1950 when he reported as assistant range engineer at Baker-4, and he has held his present position since last October.

## Station Chemist Wins \$250 Award

A beneficial suggestion award of \$250 was presented recently to Charles M. Drew, a chemist in the physics division, by Dr. J. H. Shenk, head of the Research Department.

The suggestion concerned the development of an improved method for cleaning and reclaiming contaminated mercury. It is estimated that the process will save money, time, material, space and also improve safety and methods now in use, as well as supply mercury which is superior to the commercial triple-distilled product.

The award was based on intangible benefits and an estimated annual savings to the Navy of \$8800.

## Electronic Control System Lecture Set

A technical lecture and demonstration will be given Thursday at 10 a.m. in Conference Room 1013, Michelson Laboratory, by Roger Gilliland, district manager for the Swartwout Company of Alhambra, Calif.

Mr. Gilliland will demonstrate the Swartwout Autronic Control System, the first miniature all-electronic control system for process and power instrumentation.

## Reports from Technical Departments

### Annual Symposium On Combustion Set In Pittsburgh, Pa.

Plans are being made for the 1954 Symposium (International) on Combustion, which will be held at the University of Pittsburgh in Pittsburgh, Pa., from Aug. 30 through Sept. 3.

More than 100 papers have been submitted for presentation at the symposium and are now in the process of being reviewed.

Representatives of Great Britain, France, Germany, Holland, Belgium, Italy, Sweden, Australia, Canada and Japan already have indicated their intention to attend the symposium, which also will feature discussions of mutual problems in the combustion field by experts from universities and industrial and military research laboratories throughout the United States.

A copy of the announcement for this symposium is available for review in the office of the Station director of education, Room 20105, Michelson Laboratory.

Persons interested in attending the symposium are reminded that requests for Secretary of the Navy approval should be submitted to Code 0103 approximately six weeks in advance of the date of the symposium.

### Air Force Reserve Officers Promoted

Two Air Force reserve officers were handed new bars by Maj. Charles J. Thelen, commanding Flight "F" of China Lake, of the 9447th Squadron, at the unit meeting last Thursday night in Michelson Laboratory.

It is now Captain John E. Peterson, physicist in Test Department, and 1st Lt. Frederick J. Brownell, of the California Highway Patrol. Capt. Peterson served in military intelligence and in the Air Corps during World War II, while Lt. Brownell was a P-51 Mustang pilot.

### Numerical Analysis Lecture Scheduled

Another lecture in the numerical analysis colloquium series held at UCLA has been scheduled Monday, July 12, in Building 3U at the Westwood campus.

Charles B. Morrey Jr., of the department of mathematics at the University of California, Berkeley, will speak on the derivation of the equations of hydrodynamics from statistical mechanics. The lecture, which is open to all interested persons, will be preceded by a tea in the library, beginning at 3:30 p.m.

## News from Pasadena

### Annex Employes Elect All-Male ESO Council

Results of the election of members of the Employes Service Organization Council revealed that an all-male team, with women chosen as two alternates, will serve during the coming year.

Arnold Livingstone and Donn Parrish will represent employes at Thompson Lab, with Betty Suydam and Al Blaemire—a write-in candidate—as alternates.

Foothill representatives will be Bill Griffith and James Beckley, with Willard Yoder and Judy Hamilton as alternates. Hugh Armstrong is the Morris Dam representative, and W. C. Macy his alternate.

Newly elected members met with the outgoing council members on Wednesday. At their first regular meeting, slated for July 14, they will choose a president and appoint a treasurer.

An unusually large vote was cast, with 294 ballots in the box at Thompson Lab, 217 at Foothill, and 17 at Morris Dam, according to Yako A. Dragicovich, ESO election committee chairman.

### Additional Student Trainees Welcomed

Another group of junior scientists and engineers, two of them from distant schools, arrived at the Annex last week to take part in the Summer Student Aid program.

The Underwater Ordnance Department welcomes Melvin E. Pedinoff from UCLA, Joseph M. Hood from Pomona College, and Daniel Schechter from the Carnegie Institute of Technology, Pittsburgh, all physicists; David W. Danner from the University of Redlands, electrical engineer; John W. Lamperti from Caltech, mathematician; Ronald E. Ogilvie from UCLA, mechanical engineer; and Robert Muth from the University of Colorado, electrical engineer.

Joining the product and production engineering division for the summer is Jody Smith from Compton Junior College, electronics engineer.

### New Policy Opens Door to Technicians

Written tests will now make it possible for subprofessionals and technicians who do not hold college degrees to apply for junior scientific and engineering positions, according to an announcement made last week by T. S. Davis, executive secretary, Board of U. S. Civil Service Examiners, Pasadena.

Opening up a new opportunity for non-degree applicants for mechanical and electronic engineering scientist positions, the tests offer a new approach to the determination of educational equivalence.

Technical people without degrees who are qualified to perform at the professional level should file applications as soon as possible. The tests will be given only once in six months, with the first test slated in August.

### UOD Secretary Gets Surprise

Donna Lindberg, Underwater Ordnance Department secretary, was happily surprised one evening ten days ago when an adoption agency telephoned her to inform her that she could come and get a two-week-old baby boy at 10:30 the next morning.

The word until then had been that she and her husband, Richard Lindberg, had been approved as adoptive parents and that a baby would probably be theirs late in August or early in September.

Mrs. Lindberg had time enough the following morning to buy only a bassinet before calling for her new son. "There I was," she reports, "with a bassinet and a baby and nothing else!"

A luncheon was held in her honor last Friday by friends in the assessment division, where Mrs. Lindberg has been secretary to D. J. Wilcox, division head. A shower was given last night to help provide some of the many necessities required by Phillip Richard Lindberg, who now resides with his new parents at 1912 S. Broadland, Duarte.

### Ten-Year Employee Feted at Luncheon

Marie Broshious, one of the first NOTS employes, as evidenced by her payroll number, which is A-00010, was tendered a surprise luncheon in honor of her tenth anniversary last week. Approximately 65 employes of the Supply and Fiscal Department gathered to help her celebrate the event.

Miss Broshious started her federal career in Washington. She came to NOTS, Inyokern, June 1, 1944, and to the Pasadena Annex March 26, 1951, where she is now serving as head of the follow-up section of receipt control.

## Pasadena Safety Slogan Contest Won by Security Sergeant Pfaff

"Look B-4-U Limp." That is the new safety slogan for the Annex for fiscal year 1955. Winner of the first prize, a two-pen desk set, is Sgt. Henry Pfaff, security guard at the gate at Foothill.

Honorable mention prizes go to the following: Isabel Owen, manufacturing division, for "They laughed when I sat down; accidents are preventable"; Nancy Kempster, Central Staff, won with "Safety is like a going business, it pays off"; E. N. Oeland Jr., assessment division, UOD, submitted "Safety first is a recommendation, gives more life

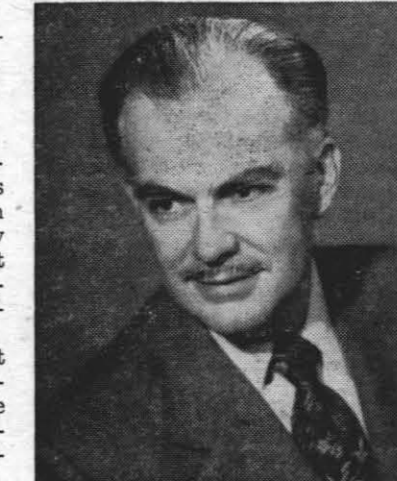
without medication," and Walter Delano, product and production engineering division, offered "Practice safety on the Base; why become a stretcher case?"

Charles McCallick, product and duction engineering division, suggested "Safety saves time even though it takes a minute," and Le Roy Pascoe, Public Works, offered "Safety is the principal, health and success the interest."

The awards will be presented at a special ceremony to be held at Foothill next Wednesday at 4 p.m. CDR Robert A. Thompson, Officer in Charge, will be master of ceremonies, assisted by CDR H. P. McNeal, assistant Officer in Charge, and W. H. Saylor, Associate Technical Director for Pasadena. Also on the platform will be members of the Executive Safety Committee and a representative of the Employes Service Organization, which provided the prizes for the safety slogan contest.

### Richards Addresses Kiwanis Meeting

Frederick L. Richards, head of the publication branch, technical publishing division, was the principal



Frederick L. Richards

speaker last Tuesday at the San Marino Kiwanis Club annual "Ladies Day" meeting. His subject was "How Photography Does a Job for the Navy."

Presenting slides and photographs to illustrate his talk, Mr. Richards spoke of the great assistance photography is to scientists and engineers in testing ordnance, in recording performance of missiles in flight, and in providing data for analysis and reduction.

### Farewell Party Given Credit Union Official

Ethel Kuever, who has resigned as business manager of the Annex Credit Union, was feted at a luncheon last week.

By coincidence, the day chosen for the party was not only Mrs. Kuever's birthday but also that of another of the guests, Gerald P. Foster, of the product and production engineering division, who is now chairman of the supervisory committee and formerly president of the board of directors of the Credit Union.

W. D. Richards, federal examiner for this area, attended the luncheon, and Oscar Terrell, head of the mechanical branch, assessment division, UOD, was the informal master of ceremonies.

### Annex Employes Attend IAM Meet

Three Pasadena Annex employes last week attended the annual West Coast Conference, District 44, Affiliates of the International Association of Machinists, held at Vallejo.

John T. Trzinka and Merlin G. Vance of the manufacturing division, and Harold F. Barrett Jr., of the inspection division were delegates representing Pasadena Lodge 1548, IAM. This conference is called each year to discuss matters of policy and overall planning for the benefit of West Coast federal employes.

Present also were delegates from the San Francisco Naval Shipyard, Hunter's Point; Mare Island Navy Yard; Naval Air Station, Alameda; Port Hueneume; Bremerton, Washington, Shipyard; Naval Air Station and Navy Electronics Laboratory, San Diego; and Long Beach Navy Shipyard.

### 15 Annex Employes Now at China Lake

Fifteen Pasadena Annex employes have been transferred to China Lake as a result of the reorganization of Station departments. They are:

Juanita Dunlap, library assistant; Perry C. Martinez, material requirements specialist; Joseph S. Johnson, shop tool and equipment specialist; John D. Trigg, master mechanic; Carl M. Rowles, leadingman, machinist.

Eugene F. Bushnell, William H. Dieckman, John M. Horn, Henry W. James and Harold E. Brammer, machinists; Edward D. Subject and Lawrence Hahn, machinists, experimental; Edward H. Hammerberg, toolmaker; Charles T. Arnold, industrial engineer, and Fred W. Grumm, supervisory scientific illustrator.



### Brown Vacates Post As Head of Local Sportsmen's Club

Martin P. Brown recently resigned from his post as president of the Desert Sportsmen's Association when he left the Station to accept a position at Eglin Air Force Base, near Pensacola, Fla.

Brown has been president of the group since it was first organized last November.

Louis Sample will be acting president of the sportsmen's group until a new president can be elected at the next meeting on July 13. The meeting place is yet to be announced.

On the agenda of activities for the club are plans to build artificial trees and roosting cover for quail at the quail guzzlers which were constructed recently.

### Girls Softball Team Candidates Sought

Plans to organize a girls softball team on the Station are currently being given consideration. If enough interest is shown, the recreation division will provide all of the necessary equipment.

Women interested in participating are asked to call Louise Reese at 75632, or see her at her residence, 1302-B Hussey. Mrs. Reese has had 13 years experience on various girls softball games at La Jolla and Pacific Beach, Calif., and in Kansas. She excels in the pitcher's box.

**IN THE DUGOUT**  
With the  
**Little League & Pony League**

By RUSSELL JONES

The Pony League Indians donned their war paint and went on the war path last Monday night by bouncing back from a 20-5 shellacking given them by the Reds on June 24 to defeat the Cubs, 11-2, in one of the most exciting games so far this season.

Gordon Lacombe, pitching for the Indians went the full distance and allowed only one hit each to Larry Ellington, Gene Vejtasa, and Claude Friscovich of the Cubs. Lacombe gave up only three walks. Adams, the starting pitcher for the Cubs, was hit by a pitch in the third inning. He was relieved on the mound by Ellington in the fourth.

The club swinging Indians were led by Walter Berra with two doubles and a walk; Gerald Senn and John Waddem, two singles each; Weston Hoffer, two singles; Butch Jones, a single, a walk, and a sacrifice bunt; Lacombe, a single and a walk; and Clair Moore and Robert La Rosa, a single each.

In other games of the past week, the Cardinals beat the Cubs 8-4. The Cards got nine hits while the Cubs connected six times. The Monday night game between the Cards and Reds ended with the Cards on top of



## Edwards AFB Takes Easy Win Over Rockets at Schoeffel Field

A determined Edwards Air Force Base nine copped an easy victory over the Rocket All-Stars last Friday night, winning by a score of 17-7.

Scoring in each of the seven innings played, the Edwards team took an early lead over the Rockets, making three runs in the first, and crossing home plate twice in the second inning, holding the locals scoreless.

In the third frame, the Rocket nine brought in three runs but couldn't compete with the Air Force horsehiders who made five runs to set the score at 10-3 at the end of the inning.

The locals scored two runs in the fourth frame. Leon Dinkle brought in the first run, followed by Don Linder, the Rockets' pitcher. The Edwards team brought in one run in this inning on an error by the Rockets' catcher.

The fifth inning went by with no score for the local horsehiders, but the Edwards team brought in two more runs in this inning, upping the tally to 13-5 for the visitors.

Jim Novak scored in the sixth for the Rockets and Dick Ramsey in the seventh to wind up the scoring for the locals with a total of seven runs for the game. The visitors made three more in the sixth and one in the seventh and final frame to set the score at 17-7 in favor of the Edwards Air Force Base team.

The Edwards catcher, Seidel, was top hitter for the game with two singles and a double. Jack Israel, with a single and a two-bagger; Dick Ramsey with two singles; and Leon Dinkle with a pair of singles; were the leading hitters for the Rockets. Each team made 13 hits throughout the game, but the Rockets were the victim of errors and walks.

### Close Competition Marks Golf Tourney

PASADENA—Going into its last two weeks, the race for the golf championship at the Annex waxed hot. Both tops teams, the Hole-in-One's and the Putt-Putts were victorious last week and now have standings of 23 won to 5 lost and 21 won to 7 lost, respectively. The grand climax comes next week when these two teams play each other.

Other standings are: A.M.B.C. Golfers, 18 won, 10 lost; NOTS Enough, 17 and 11; Duffers, 15 and 13; Champs, 14 and 14; P.W.'s, 13 and 15; '69-ers, 11 and 17; Rangers, 5 and 23, Perambulators, 3 and 25.

Winners of golf balls were Charles Redmond, with a low gross of 49, and Kolesar, who had a low net of 45-10-35. Tied for second low net were Pat Roubideaux, 42-6-36, and W. T. Scott, 43-7-36.

Last week's five-way tie for low net has been played off, with Charles Redmond and Jack White being declared the winners.

## Station League Softball

Standings	Won	Lost
Apprentices	6	0
N A F.	5	2
GMB	4	2
Marine Bks.	4	2
Officers	3	3
Public Works	2	4
China Lake	0	5
Research Dept.	0	6

**This Week's Scores**  
National League—Pirates 8, Red Sox 1; Giants 5, Braves 2; Braves 4, Red Sox 2; Giants 14, Red Sox 4.  
American League—Athletics 7, Dodgers 6; Athletics 11, Yankees 6; Dodgers 16, Yankees 5.  
Pony League—Reds 9, Cubs 5; Cardinals 7, Reds 6; Indians 11, Cubs 2.  
**This Week's Scores**  
Apprentices 8, Research Department 4; Public Works over NAF for forfeit; Officers 18, Research Department 17; Apprentices 8, Marine Barracks 3; Public Works 7, Research Department 6.

### Recreation Officer



LTJG RAYMOND J. ORROCK recently replaced LCDR W. E. Cupp as Station Special Services Officer. He reported here after serving two years aboard the USS St. Paul. LCDR Cupp reported to San Diego for schooling before boarding the USS Menifee.

### 6 Persons Complete Gun Safety Course

Four youngsters and one adult have been graduated from the recently held hunter safety training course, sponsored by the China Lake and VFW Junior Rifle Clubs and the Ridgecrest Gun Club, and one boy has yet to take the final examination.

Kirk Warner, Robin Duguid, Douglas Blew, and Michael Bailey, youngsters of the China Lake and Ridgecrest area, and Wiley Lawrence of China Lake completed the course and were graduated. Jon Eden completed the course but was unable to take the final examination. He will be given the test, and, on completing it satisfactorily, will be graduated.

### Annex Softball Teams Drop Two Contests

PASADENA—NOTS softball teams had a rough time last week. The Foothill team, playing at Arcadia Park, lost to the Hycon boys, 10 to 9. The overhand team, playing in Brookside Park, was buried under an avalanche of hits by Fair Oaks Furniture players, 13 to 1.

The Foothill team started its second round in the San Gabriel Valley Adult Softball "B" League last Tuesday when it met Wiancko Engineering. Ken Liesge, manager, and Earl Myers, assistant manager, shuffled the line-up a bit in an effort to win the pennant during the second half of the season.

### POOL TO OPEN EARLIER

At a date to be announced, the Station swimming pool will open at 12 noon every day for the remainder of the summer, according to latest word from the recreation department. The pool will close at 9 p.m. during the week, and 8 p.m. on weekends. The pool is now closed because of the polio situation.

### Station Personnel Involved in Three Vehicle Accidents

Three vehicle accidents, involving Station personnel, occurred during the past 10 days, according to safety officials. No personal injuries were suffered in any of the accidents.

Wednesday, June 23, a Navy pickup truck driven by Atanacio C. Arrellin, AN, attached to the Air Facility, was overturned on the road leading to the NAF swimming pool. Arrellin was returning about 11:30 p.m., after securing the pool and apparently lost control of the vehicle on a turn.

A Navy stake truck, driven by Robert R. Law, an employe in the Rocket Department, and a 1947 Plymouth sedan, driven by Mrs. Frederick C. Minnick, of 1104 4th Place, were involved in an accident Monday at the intersection of Blandy and Knox. Both vehicles were traveling west on Blandy. Law had stopped for the intersection and was just starting to move away as the sedan struck the rear end of the truck.

Wednesday morning at approximately 3:30, Pfc. Hall Pratt Sutcliffe was driving a Navy pickup truck west on Lauritsen at the intersection of Knox, to post the Marine guard. Attempting to make a right turn on Knox, he lost control of the vehicle, ran over the stop sign on the northwest corner of the intersection and over an embankment.

### 3 Salt Wells Employes Now at Los Alamos

Three former Salt Wells Pilot Plant employes recently reported for work at the Los Alamos Scientific Laboratory of the University of California, according to a news release from the Technical Information Office at Los Alamos.

They are Charles Wasson Jr., an ordnanceman snapper; Herbert Skipp, a leadingman machinist, and William Hefley, a toolmaker. All were employed in the operations branch of the Explosives Department process division.

### Local Altar Society Installs New Officers

Officers of the China Lake Altar Society were officially installed at the second annual installation banquet held last week at the Hideaway Cafe.

Mrs. Dale Drinkwater was elected president for the new year. Other officers are Mrs. Charles Martin, vice-president; Mrs. Stanley Johnson, secretary, and Mrs. James Stillwell, treasurer.

ADMIRAL OFSTIE VISITS NOTS  
Vice Admiral R. A. Ofstie, USN, Deputy Chief of Naval Operations for Air, and party arrived Tuesday afternoon for a two-day tour of the Station. Accompanying him were Captain J. A. Smith, USN, Captain N. A. M. Gayler, USN, and LT W. A. Scott, USN. No formal social events were planned during the visit.



VISITORS to the new China Lake Community Center will have an opportunity during the next few weeks to view some of the photographs made by members of the Salon group of the China Lake Photographic Society. Eighteen prints are on display, including some by John Kubills, who won first place in the October judgments of the American Photographic Society.

### Polio Report . . .

(Continued from Page One)

(6) That children remain in their own neighborhood insofar as possible.

(7) And that all measures be taken to reduce the number of flies in the area.

The restrictions will be lifted as soon as danger of further polio cases has disappeared.

Added to the above was the announcement by the Rev. John L. Reid Jr., civilian pastor of the NOTS Community Church, that Sunday School and meetings of the Youth Fellowship groups of the church are being suspended during the period that the measures against the spread of polio are in effect.

No significant relationship or contact has been found to exist between any of the four cases of polio reported to date, according to Dr. Johnson.

The latter has consulted with Dr. William C. Buss, Kern County health officer in Bakersfield, who has been in charge of polio treatment and control there for 20 years. He learned that latest reports from the American Medical Association convention in San Francisco a few days ago reveal no new developments in treatment or prevention of the disease.

Gamma globulin is being administered to persons residing in the same household as polio victims, as well as to those having had prolonged contacts with a proven case of polio.

Dr. Johnson advised all local residents to avoid over-exertion and over-heating, and to get plenty of rest during the present situation.

Daily information bulletins regarding the polio situation will be posted at the Commissary Store, Public Works building, Armitage field, in the lobby of Michelson Laboratory and at the China Lake pilot plant. Station residents are strongly urged to disregard rumors and stories concerning polio unless they are confirmed by these bulletins issued by the Medical Department.

### Photographs Taken By Local Society Now on Display

Eighteen photographs, taken by members of the Salon group of the China Lake Photographic Society, are now on display in the main hall of the China Lake Community Center.

The current exhibit will be up for about eight weeks, following which a group of pictures from photographic societies in Australia and Germany will be displayed. Arrangements to obtain the foreign selection of photographs were made by the local photo club with the Photographic Society of America.

All photographers on the Station are invited to submit prints for judging, with the winners being placed on display in the Community Center, along with the work of photo society members.

### Sellars Addresses Pasadena Lions

Captain R. F. Sellars, USN, Station Executive Officer, was the guest speaker today at a meeting of the Pasadena Lions Club.

In addition to relating some of his experiences as a submarine commander during World War II, Captain Sellars also presented a film, "Silent Service," which tells the story of underwater branch of the Navy.

Captain Sellars is a member of the Pasadena Lions Club, but expects to transfer to the Indian Wells Valley club in the near future.

### NORTON SOUND VISITOR

Captain T. W. Hopkins, USN, commanding the USS Norton Sound, paid his first visit to the Station this past Monday through Wednesday. He discussed the rocket and fire control programs under way here, with emphasis on Terrier progress.

### Chilton Memorial Services Held Here

Memorial services for E. H. Chilton, 43, scientific staff assistant and head of the Fleet Services Unit, who died June 22 at Yuma, Ariz., were held Tuesday afternoon at the Station Chapel, with Chaplain James L. Carter, USN, officiating.

Present were his brother, Lt. Col. Robert Chilton, USAF, Wright Patterson Air Force Base, Dayton, O., and two cousins, John and Robert Beasley of Los Angeles.

Other surviving relatives include his mother, Mrs. Edith Chilton, and a brother, Charles, both of Boise, Idaho; a brother, Leo, of Napa, and another brother, Kenneth, of Eureka. It has been announced by doctors at Yuma that Mr. Chilton appeared to have been a polio victim.

### Gryting-Ruggles Nuptials Told

Dr. Harold J. Gryting, head of the properties branch in the Explosives Department, and Barbara Jean Ruggles, a physical science aid, were married in the First Lutheran Church of the Good Shepherd, in Las Vegas, Nev., last week, by the Reverend Martin Paul.

The bride is the daughter of Mr. and Mrs. Clarence J. Ruggles. Mr. Ruggles, who was employed as a tool and gage designer at the Salt Wells Pilot Plant since 1948, transferred last week to the University of California Radiation Laboratory at Livermore, Calif.

The couple will leave next week for a week-long trip to Oregon. When they return they will reside at 213-B Dobb.

## BIRTHS

- Boys**  
Cozzens—William Craig, 8 lbs., 8 ozs., June 27, at the Ridgecrest Hospital to Mr. and Mrs. Ernest G. Cozzens, 105-B Ellis.  
Long—Alan Daryl, 6 lbs., 15 1/2 ozs., June 23, at the Infirmary to AE1 and Mrs. Charles D. Long, 207-B Hornet.  
Marsing—David Byron, 7 lbs., 14 ozs., June 29 at China Lake to Mr. and Mrs. William D. Marsing, 803 Third Place.  
Parker—Kenneth Howell, 6 lbs., 3 1/2 ozs., June 23, at the Infirmary to Sgt. and Mrs. Howell Parker, 644-D Prefab.  
Rafkin — Robert, 7 lbs., 6 1/2 ozs., June 24, at the Ridgecrest Hospital to Mr. and Mrs. Gerald Rafkin, 106-B Mitscher.  
**Girls**  
McMillin—Nancy Ann, 4 lbs., 14 1/2 ozs., June 24, at the Infirmary to PRAN and Mrs. Harvey McMillin, 257-A McIntire.  
Silver—Barbara June, 5 lbs., 15 1/2 ozs., June 25, at the Ridgecrest Hospital to Mr. and Mrs. Meyer Silver, 55-A Renshaw.  
Smith—Debra Lyn, 7 lbs., 10 1/2 ozs., June 23, at the Ridgecrest Hospital to Mr. and Mrs. Richard Smith, 307-Robertson, Ridgecrest.