

MOBILE TRACKING ANTENNA—Two 28 foot in diameter mobile parabolic antennas, built from surplus material by Station personnel, were used at Walla Walla and China Lake in tracking the Transit II-A satellite which carried the NOTS-developed infrared scanner. Shown with the antenna (l-r) are: Richard Mohan and "Chuck" Adams.

Orbiting Satellite Carries NOTS Developed Scanner

Station officials revealed this week that a NOTS-developed infrared scanner for taking television type pictures of the earth's surface and its cloud cover is a secondary payload aboard the Transit II-A satellite which is now orbiting the earth.

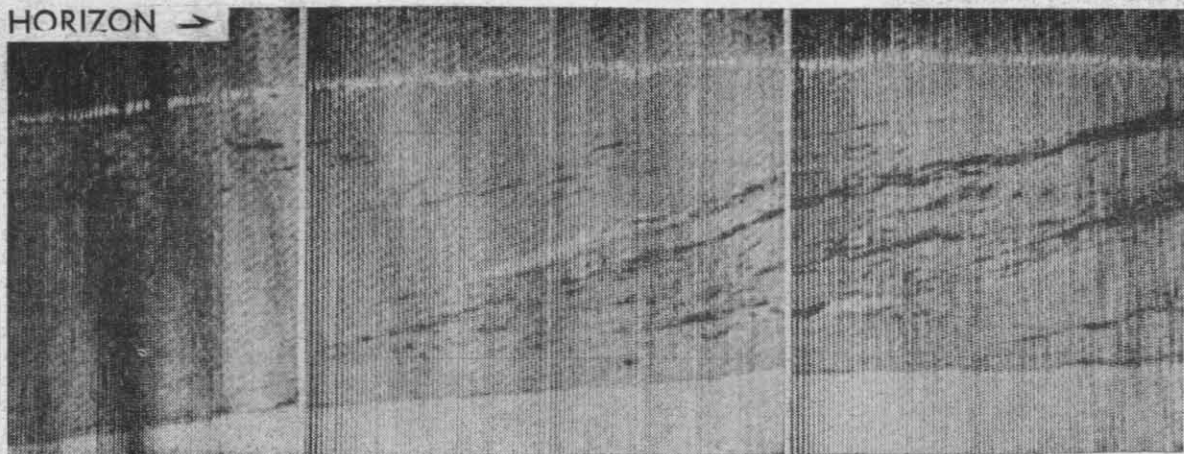
Transit II-A and a Naval Research Laboratory solar radiation measurement satellite were launched into orbit as "twin satellites" by a two-stage Thor-Able-Star rocket from Cape Canaveral on June 22.

The NOTS 18-pound infrared scanner which consists of an infrared sensitive telescope, power batteries, transmitter, and associated electronic circuitry, was developed by the Special Projects Branch of the Air-to-Air Weapons Div., Weapons Development Department. The scanner's weight can be reduced to as little as 4-pounds, according to Special Projects Branch Head Don Moore, depending on the power supply used.

Other Special Projects Branch personnel who contributed to the successful development of the scanner were: Frank St. George, Jim Lee, Ray Francis, Jim Hurt, and Wade Abbott. Moore states that Gordon McCarty deserves much credit for the scanner's success, as he sparkplugged the initial work on the project before his appointment as Head of the Underwater Weapons Systems Branch.

As Transit II-A spins in its orbit 600 miles above the earth, the scanner collects the infrared energy reflected by the Earth and its atmosphere, then transmits this information back to ground tracking stations. Dish antennas, 28 feet in diameter, pick up the signals which are recorded on tape and sent to China Lake for analysis.

The Telerecording Section of Code 3067, headed by Bob Merriam, had the responsibility for the ground tracking stations at Walla Walla and China Lake. NOTS personnel assisting in the



PICTURE RECEIVED—Signals recorded by Test Department personnel at China Lake are displayed on a cathode ray tube and the electron beam of the tube moved in synchronism with each revolution of the satellite to produce the first infrared picture of the earth from 600 miles in space.

VA Cites Time Limit For Federal, State Education Benefits

Korean conflict veterans and war orphans are urged to begin preparations for entering college this Fall if they plan to apply for federal aid through the Veterans Administration.

Early application for educational assistance is encouraged in order to allow the prospective student sufficient time to solicit vocational counseling as only one change of course is allowed under the law.

War orphans will also encounter a time element as the VA must check its records to make certain that the applicant is eligible. They must also examine the proposed study program with the living parent or guardian as well as with the student himself. These legal requirements are time consuming and must be satisfied prior to actual college entrance.

State Assistance Unremarried widows of veterans whose death was due to wartime service, and children of veterans whose total disability is due to wartime service, are also eligible for State educational assistance.

Preliminary aid in applying either for federal or state educational assistance may be obtained from Juanita Cox, Veterans Service Representative, located at 236 W. Ridgcrest Blvd.

Community Council Seeks Precinct 5 Representative

A vacancy for Community Council representative from Precinct No. 5 has been announced due to the resignation of Austin Ross. Persons from that precinct who would be available to fill the post should call Howard Auld, Ext. 75271, or write to the Council, P. O. Box 200, China Lake. A diagram of precinct boundaries is outlined on the back cover of the Station telephone directory.

School Notes

Enrollment in the China Lake Elementary Schools summer program shows a decided trend toward academic subjects. Half of the total enrolled students at Murray are involved in studies which include developmental reading, science, social studies, arithmetic and German, as well as participation in physical education and craft classes.

Cardinals Win Babe Ruth League Series

Babe Ruth League standings at the end of the season show the Cardinals at the top of the League for the third year in a row. Sponsored by the Rotary Club, the champs are managed by Captain R. C. Millard, Dental Officer, and Robert A. Blaise, Assistant to the Head of Propulsion Development Department.

The final team standings at the end of the BRL season are as follows:

Team	Won	Lost
Cards	12	2
Cubs	10	4
Reds	7	7
Indians	7	8
Tigers	4	11
Yankees	3	11

Pitchers with most strikeouts in one game during the season were: McLean, 15; Luttliff, 14; and Wair, 13.

League President Charles Martin wishes to thank all managers, coaches, sponsors, timekeepers, the Women's Auxiliary, and the many persons who contributed their support to the Babe Ruth League this season.

Civil Service Bills...

(Continued from Page 1) lie Welfare Committee.

RATINGS—HR-12042—An Administration proposal, this bill would revamp the present performance rating law to give agencies more flexibility in developing their efficiency rating plans. The measure is pending before a House Civil Service subcommittee.

RETIREMENT — S-2857—Under this bill the government would refund the retirement contributions—with interest—made by employees who have sufficient service to secure an annuity larger than 80 percent of their salaries. The bill has been approved by the House and Senate and is awaiting action of the President.

RETIREMENT — S-3147—Under this measure interest paid by the Treasury on money invested by the Civil Service Retirement Fund in government bonds would increase from an average 2½ percent to 3½ percent. The Senate approved the measure before recess.

"Portholes" How Did It Start?

The word porthole originated during the reign of Henry VI of England (1485).

It seems the good King Henry insisted in having guns on his ships which were too large to be mounted in the conventional fashion on the forecabin and aftercabin. A French shipbuilder named James Baker was commissioned to solve the ponderous problem.

He did it by piercing the sides of the ships with openings through which the cannon muzzles could be thrust for firing. Covers were fitted for heavy weather and for when the batteries were not in use. The French word "porte" was used to designate the then-revolutionary opening.

"Porte" was soon Anglicized to "port," the openings then becoming known as ports or portholes. Porthole was at first applied specifically to embrasures through which cannon were discharged and eventually to openings in a ship's side for any purpose.



ASST. MEDICAL OFFICER — Lt. Anthony M. Scardino, USNR, reports to the Station Hospital to relieve Lt. Richard O. Kiraly, Assistant Medical Officer. Lt. Scardino just finished three years of residency in internal medicine at the VA West Side Hospital, Chicago, Ill., on June 30. He obtained his Bachelor of Science degree in natural science at Loyola University, Chicago, in 1952, and his MD from the University of Illinois College of Medicine in 1956. He and his wife, Pat, and baby daughter, Susan, will be assigned quarters at 513-A Saratoga.

Hatch Act Revisions Being Considered

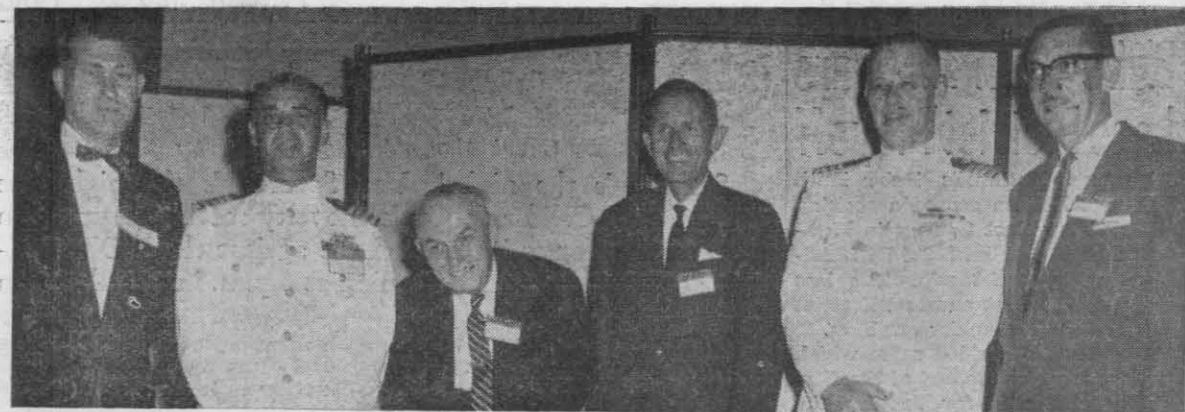
Revision of the Hatch Act is currently undergoing investigation by the House Administration subcommittee as it considers arguments for enactment of HR-696 by congressmen and opposition voiced by the Executive Branch.

The bill would make these basic changes in the present law governing political activity of federal and other public employees:

- Repeals the present 90-day suspension as a minimum penalty for violations.
- Eliminates the current requirement that Civil Service Commissioners' decisions be unanimous when applying a penalty less than removal.
- Allows participation in partisan political activities up to the state legislative level in communities with a heavy concentration of federal employees.
- Removes all Hatch Act restrictions for state employees whose salaries are financed in whole or in part from federal funds.

The current Act restricts civil servants from regular and legitimate political activity with the party of their choice, but permits them to work against a candidate if they are willing to join forces with one of the independent movements.

It remains to be seen whether this authority will be removed from the jurisdiction of the Civil Service Commission and redefined as congressional legislation.



PASADENA VISITORS—Pasadena business leaders are shown with Station officials at the reception held in their honor at the Club Wednesday evening prior to their tour of the Station Thursday. Left to right are: Pasadena's Mayor Ray G. Woods, Station Commander Capt. W. W. Hollister, Assistant City Manager R. M. McCurdy, Rose Tournament Director Max Colwell, Commander Pasadena American Legion Ed Puls, and Station Executive Officer Capt. J. A. Quensé.



BUDD GOTT, EDITOR PHONES 71354, 72082, 71655 OFFICE, HOUSING BLDG., TOP DECK

Vol. XVI, No. 30 NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA July 29, 1960

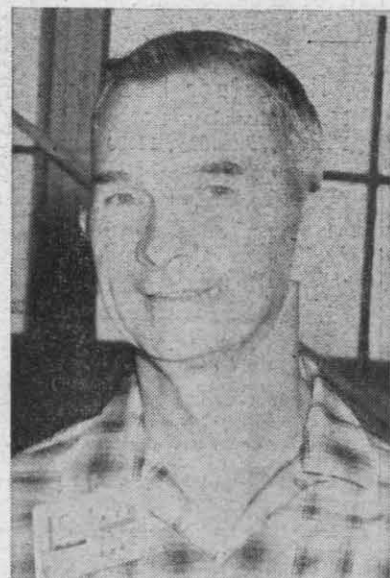
Two Station Employees Earn 'Thinker' Awards

Two NOTS employees were honored this month as recipients of the "Thinker" award, a bronze statuette reproduction of Rodin's famous work, at official presentations by Captain W. W. Hollister, Station Commander, and Captain C. J. Beers, Officer in Charge, NOTS, Pasadena.

The awards were earned for the most beneficial suggestions submitted and adopted, and on the greatest savings to the Station during the calendar year 1959, as recognition for participation in the Incentive Awards Program.

For the third consecutive year, Francis D. Donnelly, Public Works Department, received his award for submitting the most beneficial suggestions to be adopted by the Station during the calendar year 1959. Donnelly has actively participated in the Incentive Awards Program since he first came to work for NOTS, Pasadena, in 1952. In June, 1959, he transferred to China Lake where he was promoted to Quartermaster, Automotive Equipment Operator, and recently was named head of the newly organized Field Support Branch in the Transportation Division.

Second Awardee The second recipient of the "Thinker" award, Elmer P. Price,



Francis D. Donnelly NOTS, Pasadena, received the award for submitting a suggestion which resulted in the greatest net savings to NOTS during the year 1959.

A monetary savings of \$12,007 was realized on his suggestion to use GSA Motor Vehicle Pools and Term Contracts with car rental firms as modes of transportation while on travel.

In addition to being more economical, the use of these vehicles overcomes problems of complicated travel arrangements, allows for official side trips, and transportation to destination for late night arrivals. Price received a check for \$550 for this suggestion.

A NOTS regular employee since February, 1948, Price has a total of 30 years in government service, having served in the Veterans Bureau, Treasury Department, and the War Department. He has been Head of the Management Services Branch, Administrative Division, at NOTS, Pasadena, since 1956.

Little Leaguers Nab Two District Games; Third Set for Tonite

China Lake Little League All-Stars beat the Owens Valley American League in a shutout game with a score of 5-0 here last Friday. On Saturday, they nabbed their second victory in the District 16 playoff from Edwards All-Stars by a score of 4-3.

Their next game is set for tonight at 6 at Parkview Field in Lancaster where they will take on the Jewel City League of Glendale. A second game is scheduled for 8 o'clock when the Parkview League of Lancaster meets the Poolhill League of Glendale. The winners of the two games tonight will meet tomorrow on the same diamond at 7:30 p.m.

The Parkview Field is reached by driving south on Highway 6 to Avenue J in Lancaster, turning right on Avenue J to Harwood Street and then turning left on Harwood. The baseball diamond is reached from Harwood on the school grounds of the school located on Avenue J just before you reach Harwood.

Little League baseball fans are encouraged to join the rooting section in Lancaster to cheer the China Lakers on to more victories.



Elmer P. Price

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Station Hosts Business Group From Pasadena

Exercising their prerogative as good neighbors, NOTS set out the welcome mat for a party of fifty-three prominent Pasadenans to give them a birds-eye view of the Station's mission. Pasadena's mayor Roy W. Woods and Supreme Court Judge Harold P. Huls led the delegation of city officials and business representatives.

Arriving by chartered bus Wednesday evening, the visitors were later feted at a reception at the Club.

Full Schedule Serving to enlighten their close association with the NOTS Pasadena endeavor, Thursday's activities began with Capt. Hollister's introduction to the movie "Expanding Frontiers in Ordnance," which paves the way for a better understanding of the Station's mission as a research and development center for the Navy's weapons program.

At the test observation area, they watched a sleek Sidewinder infrared guided missile, launched from a jet fighter, seek out and knock a target rocket out of the sky.

A visit to "Charlie" range afforded them a grandstand view of low-flying attack bombers going through their intricate paces to demonstrate loft bombing techniques using simulated nuclear bombs.

Following inspection of the much publicized SNORT facilities, they were given a look into the future of rocket engines for space flight in a lecture delivered by R. F. Dettling of the Propulsion Development Department. A tour of Michelson Laboratory concluded their visit.

Visitors The visitors, distinguished citizens of Pasadena and the surrounding area and including members of the Chamber of Commerce, were as follows: Sam Akers, W. Reid Allen Jr., Ernest Anthony, Forrest J. Bethel, Clarence A. Brunell, Rose Tournament Manager Max Colwell, V. A. Coty, R. R. De Wolfe, William Eagler, Albert Ellwood, Ted Fator, Jack Fazerkerly, Postal Supervisor Du-thiel C. Folkers, City Assessor Zenas Forbush, Orrin W. Fox, Breo Freeman, Paul H. Giddings, Myron Grull, Frank I. Hale, Clifford F. Hancock, Morrie Harper, Fred N. Harris, Perry A. Howard, and A. L. Jensen.

Sparked by Cdr. J. E. Tuttle, Commanding Officer of the U. S. Naval Training Reserve at Pasadena, the group also included Cliff Johnson, Earl Johnson, Leon R. Johnson, Emmett J. Jones, Kerlic Keeley, Alfred Lawson, David Levin, City Inspector Guy C. Lewis, Robert Lipscomb, Ben B. Linn, Doane M. Lowery, Assistant City Manager R. M. McCurdy, Mrs. McCurdy, City Planning Commissioner John Mutchler, Sydney Nemzer, C. Padfield, Edmund Puls, George A. Rejebian, George Sabin Sr., M. Sandston, H. C. Schaffer, Robert K.

China Lake in the competition among the many beauties vying for the Miss Kern County title. A resident of NOTS for 15 years, she is a '60 Burroughs graduate and now a student at Bakersfield J.C.

Pat, winner in the July 4 beauty contest held last year at the Crest Drive-In, enjoys swimming and painting ceramics as her hobbies and says her chief interests are reading and music. She is the daughter of Treva and Douglas Reid, 311-B Monterey.

Three distaff members join 15 males to comprise the panel of judges and coronation ceremonies which will precede presentation of a check, for the complete cotton wardrobe, to the winner. The new Miss Kern County and her chaperone will receive an expense-paid airplane trip to Sacramento as guests of the State Fair where she will be in competition for the Maid of California title.

Congress to Consider Many Bills Affecting Civil Service Employees in August Session

There are many bills pending affecting Civil Service employees which Congress must consider when it reconvenes in August. The Senate will reconvene August 8 while the House will return August 15.

Following is a summary of the status of federal employee legislation which awaits congressional action.

RETIREMENT—HR-6743—Under this proposal any employee separated after June 30, 1953 with entitlement to a deferred survivor annuity would be permitted to obtain a survivor annuity for his spouse. The bill has been approved by the House Civil Service Committee and is now pending before the full House.

HATCH ACT — HR-696 — This measure would liberalize allowable political activity by federal employees under the regulation of the Hatch Act. A House Administration subcommittee held a number of hearings on the proposal but no final action has been taken.

GRADE INCREASE—HR-543—This bill guarantees an employee who receives a grade promotion a pay increase equal to at least twice the amount of a step increase in the grade from which he is promoted. It has been approved by the House Civil Service Committee and was

pending on the House calendar at the time of the recess. The bill has the approval of the Civil Service Commission and the Administration.

LIBERALIZED PAYMENTS — HR-12383—This bill liberalizes payments to employees—or the survivors of employees—who are injured or killed as the result of on-the-job accidents. The bill has been approved by the House and is pending before the Senate Labor and Public Welfare Committee.

(Continued on Page 4)



China Lake Entry

Patricia Reid Enters Miss Kern Contest

Excitement was building up at rapid pace for Pat Reid, who left the Station Tuesday afternoon to participate in the rehearsal preparatory to last night's Miss Kern pageant.

Eighteen-year-old Pat represents China Lake in the competition among the many beauties vying for the Miss Kern County title. A resident of NOTS for 15 years, she is a '60 Burroughs graduate and now a student at Bakersfield J.C.

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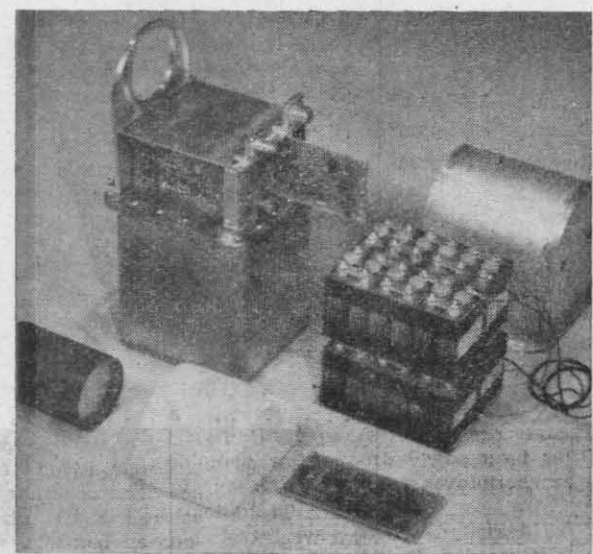
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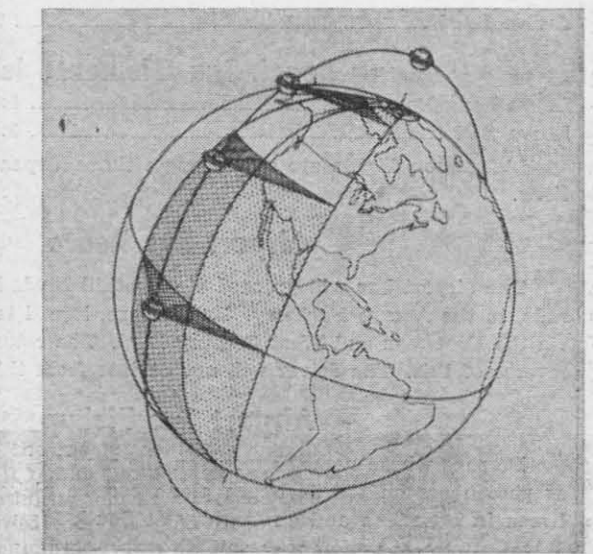
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(Continued on Page 4)



SECONDARY PAYLOAD—This 18 lb. scanner, designed and fabricated by Weapons Development Dept., contains an infrared telescope, electronic equipment, and a transmitter.



PATH TRACED—Housed within the experimental navigation aid satellite, the NOTS-developed scanner observes the surface of the earth along the outlined orbital path.

Meet Your Community Councilmen...

This is the fifth in a series of personality sketches on your Community Council directors. Highlighted this week are the two representatives from Precinct No. 7, Georgia J. Bushnell and Marge Adioff.

Georgia J. Bushnell of 57-B Franklin is the wife of Eugene F. Bushnell, machinist in the Shop Branch of Engineering Department, and has lived at China Lake for the past six years.

She was born in Colorado, and has lived 8 years in Hawaii. She is a member of the Eastern Star Desert Holy Chapter 558, Desert Primrose Rehoboth Lodge 412, the Women's Community Club, Red Cross and the Seabee Auxiliary.

Georgia has taught crafts for the Kern County Recreation Council for the last two years, and has also held two workshops of craft instruction for Girl and Boy Scout Leaders.

In Community Council, she is serving on the Community Improvements and Recreation committees.

Marge Adioff, the wife of Dr. Arnold Adioff of the Research De-

partment, is the mother of 4 1/2-year-old boy and a 2 1/2-year-old girl. At the time of her election to the Council post, she lived in Precinct No. 7, but has since moved to 209-B Kitts Road.

She was born and educated in Edinburgh, Scotland, but is now an American citizen. She lived in England and Canada before coming to the United States, spent a number of years in New York City, and also lived in New Jersey and Michigan prior to moving to China Lake three years ago.

In Community Council, she serves on the Publicity and Rabies Control committees. She is a past president of the Indian Wells Valley Toastmistress Club, and has a deep interest in politics and is a Sunday painter.

Her observation on the community life at China Lake leads her to declare that "Too many citizens here think of their residence at China Lake as temporary and therefore avoid participation in community life, benefitting from the efforts of a few more civic-minded individuals. Through the benevolence of the Navy, and some of the people, China Lake has become a good place to live. With the effort and interest of more of its residents, it can be made an even better place."

Babe Ruth All-Stars Lose District Playoff

Ventura National's Babe Ruth League All-Stars scored a rocking chair victory last Sunday in Newhall over the China Lake BRL All-Stars with a 26-3 win. The loss sums up the first and last District game of the season for our boys.

Despite the lopsided score which was forecast by the end of the first inning with a 7-2 for Ventura, the plucky China Lake team gave their best. The second inning score had climbed to 17-2 and the fifth inning closed out China Lake scoring with 20-3.

The Ventura team, a giant little ball club, were State Champions last year and narrowly missed going to the World Series by losing out at Region level playoffs.

In larger municipalities, the leagues are picked from hundreds of eligible players. At China Lake this year, the 90 players forming the six teams in the League were picked from 110 eligibles. Selections for the All-Stars were made about two weeks before their first competition with only 15 League games behind them, whereby the seasoned Ventura Nationals had played 35 exhibition and League games.

All China Lake players got a chance to play. Seaman pitched the first two innings, Daniels the next two, and Wair the remaining three. Dunaway, Daniels and Wair scored the three runs.

LL Team Championship Playoffs Start Monday

China Lake Little League playoffs for "A" League team championship will start next Monday, August 1, at 7:30 p.m. on Diamond No. 1 at McLaughlin Memorial Park between the Giants, winners of the first half of the series, and the Tigers, winners of the second half.

Two wins out of three will determine the League champs. The second playoff will be Wednesday, August 3, at the same time and place. If a third playoff is necessary, it will be held on Friday, August 5, at the same time and place.

Examinations Open For NOTS Jobs

Examination announcements for Policeman, GS-3 at \$3760 p/a, Aircraft Mechanic (motor) at \$2.83 p/h, and Helper Rigger at \$2.29 p/h for NOTS employment have been made by the Eleventh Naval District Board of Examiners.

Written tests for Policeman, Announcement no. 12-20-39 (60), will be held at China Lake and 16 other California cities. The duties include performance of law enforcement work involving federal, state, county, or municipal statutes, ordinances, laws, or rules. One year of general, or six months of specialized experience is required and applicants must have proficiency in the use of firearms and first aid techniques.

The minimum age is 21 and competitors must attain a score of at least 70 on the written test. Applications for this position must file Card Form 5000-AB no later than August 3, 1960.

Helper Riggers, Announcement No. 12-20-79 (60), assist journeymen in joint operations and perform less skilled duties of the trade. Applicants must have at least six months of experience as a rigger's helper or apprentice. Minimum age is 18 and applications will be accepted until further notice.

Aircraft Mechanic position, Announcement No. 12-20-80 (60), requires at least four years of experience in the maintenance, repair, and/or overhaul, or testing and installation of aircraft engines and components. Closing date for application is August 8, 1960.

Competitors will not be required to report for a written test but will be rated on the quality and extent of their experience and training relevant to the duties of the two latter positions. Applications may be made by filling Form 57 and Card Form 5001-ABC with the NOTS Civil Service representative.

Drivers of small cars have to make quick decisions—like which tailpipe to go up when the Cadillac ahead of them makes a sudden stop.

Sports Slants

By Chuck Mangold, Athletic Director

Saturday's the night! Yes, Saturday's the night the world-famed California Cuties novelty softball team from Compton performs in China Lake against the NOTS All-Stars at Schoeffel Field beginning at 8 p.m. in an exhibition game.

Laughter and mirth on the softball diamond are trademarks of the famed Cutie entourage. They are a men's softball team attired in ladies' garments and their antics on the diamond have brought roars of laughter from the most hardened softball fans in all parts of the country.

Traveling across the country by private bus and including a swing into Canada this season, the Cuties have stepped up their production to give the softball fan something to write home about. In almost every city the Cuties have played in during the past six years of their existence, repeat performances have outdrawn the original set-to giving vent to the drawing power of the team.

Saturday's game will be no exception. No, sir! Trino Palacios, manager and producer of the show, is also one of the stars. He performs on the pitching mound in the role of Liza Jane, a colored mammy whose wind-up and rapid fire delivery have completely befuddled many top softball stars.

Don't forget to watch for Beulah, the midget. Beulah is unimportant on the field but her batting average is the best on the club, for in the first game of the season she completely dumbfounded an opposing pitcher by laying down a bunt and beating it out to first for a single. Since that time, she has walked every trip to the plate.

Yes, for laughs by the carload and a refreshing evening away from home, stop by Schoeffel Field Saturday evening and watch the Compton Cuties in action against the NOTS All-Stars. Game time is set for 8 p.m. There will be no admission charge. Everybody is welcome to attend.

Attendance is not limited to men of the church, states Otis Pennington, president of the group. All men of the Ridgecrest-China Lake community are welcome to attend.

The only stipulation is that they bring their own steaks, and eating utensils.

Professor Bullis has served as engineering instructor at Hartnell College, Salinas, for the past 19 years. A graduate of Oregon State College, he holds a B.S. and M.S. degree in engineering.



Christine

Men's Fellowship To Hold Steak Fry

Professor William R. Bullis, a summer consultant to the Navy Station for the past four years, will speak on the "Influence of Weather Cycles on Human Behavior" at the meeting of the Men's Fellowship of the NOTS Community Church to be held at the home of Russ Stiles, 302-B Princeton St., next Sunday evening.

Another popular "Bring Your Own Steak" fry is scheduled by the men's group to start at 6:30 p.m., after which Prof. Bullis will speak.

Attendance is not limited to men of the church, states Otis Pennington, president of the group. All men of the Ridgecrest-China Lake community are welcome to attend.

The 1959 recipient of the award was Eugene Curry of China Lake who bought a 10-pound 1-ounce Brown.

Rocketeer Deadlines

News, Tuesday, 4:30 p.m. Photos, Tuesday, 11:30 a.m.

NOTS ON THE AIR

KRKS (1240) 11:30 a.m. Broadcast directly from the Rocketeer office Monday through Friday KRCK (1360) 7:05 a.m. 12 Noon 5 p.m. Monday through Friday

PROMOTIONAL OPPORTUNITIES

Current Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Supr. Aero. Power Plant Development Engineer, GS-13, PD 31673, Code 4512, Planning and Administration Dept. Stock levels and computation concerning mathematical and statistical problems of interest to the technical organization of the Station.

File application for above position with Dixie Shanahan, Room 26, Personnel Bldg., Ext. 72676.

Mathematician, GS-12, PD 950010-1, Code 5070. Engaged in research, analysis and computation concerning mathematical and statistical problems of interest to the technical organization of the Station.

File application for above position with Pat Gault, Room 31, Personnel Bldg., Ext. 71393.

Stock Control Clerk, GS-4, PD 146124ml, Code 2573. Maintains adequate levels of material, insures that excess stocks on hand are not accumulated and takes immediate action to dispose of such excesses as do occur; insures the adequacy and accuracy of stock records; makes proper substitution of stock and administration check stock levels and computation.

What's Doing IN RECREATION

By Jean Cone, Recreation Director

Station residents will have an opportunity to hear the famous "Inkspots" quartet when they come to China Lake to appear at the Enlisted Men's Club, the Chief Petty Officers Club, the Commissioned Officers Mess, and the Community Center.

They will perform at the Community Center and C.O.M. Club on Friday, August 26, and at the Enlisted Men's Club and CPO Club on Saturday, August 27. Save these dates for this famous foursome at your Club or the Community Center—or both!

Originally booked for the 19th and 20th, the engagement had to be delayed one week as the Inkspots were invited to appear on the Ed Sullivan show on August 22. This should be fun to watch with their appearance at China Lake immediately following this popular TV show.

Tri-County Fair The Tri-County Fair, sponsored by Inyo, Mono, and Alpine Counties, will be held in Bishop, July 29-30-31. Washo, Shoshone, and Piute Indian tribes will participate. Also featured will be a talent show, fish derby, Big Kid's Day Parade and Contests, Sheriff's Posse Treasure Chest, Chuck Wagon Alley, Square Dancing, Carnival, Concerts, stage show, plus many other attractions.

Lake Crowley Season Closes Sunday, July 31, will wind up the 1960 trout-fishing season at Crowley Lake. Crowley Manager Lloyd Beavers reported that Nicky Hopper, 15-year-old China Lake angler continues to set the pace in Crowley Lake's 1960 "big-fish parade" and in the jousting for one-year possession of the Robert L. Burns Memorial Trophy. Hopper reeled in a 6-pound 4-ounce Brown while fishing with cheese in the North Channel on July 5.

Provided by the Southern California Rod and Reel Club, the Robert L. Burns Trophy goes annually to the sportsman catching the largest trout during Crowley's three-month season. The SCRRCL also provides replicas of the impressive trophy which become winners' permanent possessions.

The 1959 recipient of the award was Eugene Curry of China Lake who bought a 10-pound 1-ounce Brown.

SHOWBOAT

TODAY "SQME CAME RUNNING" (136 Min.) Frank Sinatra, Dean Martin, Shirley MacLaine 6 and 8:30 p.m. (Drama) Ex-G.I. returns to small town and falls for a teacher. His gambler buddy and a B-girl cause embarrassment and romance trouble. Here's a powerful Academy Award performance by a splendid cast. Adults

SAT. JULY 30 MATINEE "FRANCIS IN THE NAVY" (80 Min.) Donald O'Connor SHORTS: "I'm Cold" (7 Min.) "Zorro's Fighting Legion" No. 6 (17 Min.) EVENING "ANGRY RED PLANET" (83 Min.) Gerald Mohr, Nora Hayden 7 p.m. (Science-Fiction) Explorers return to earth after escape from Mars, but one of them suffers a fantastic growth on his arm that defies scientific cure. A real wizzer! Adults - Young People

SUN.-MON. JULY 31 - AUG. 1 "39 STEPS" (95 Min.) Kenneth More, Taina Elg 7 p.m. (Mystery) Classic spy story with suspense and action. Adults - Young People SHORTS: "Ship Ahoy" (7 Min.) "Royal Duck Shoot" (10 Min.)

TUES.-WED. AUG. 2-3 "IT STARTED IN NAPLES" (100 Min.) Clark Gable, Sophia Loren 6 and 8 p.m. (Comedy) Lawyer goes to Capri to settle brother's estate only to find he left a cigarette-smoking, wine sipping nine year old Beautiful night spot hostess raises the boy and tries to foil the lawyer's plans. Spicy, romantic and funny. Adults - Young People SHORTS: "The Sho Must Go On" (7 Min.)

THURS.-FRI. AUG. 4-5 "MACUMBA LOVE" (85 Min.) Walter Reed, Ziva Rodann, June Wilkinson 7 p.m. (Drama) Writer goes to a small island to do a book on voodoo which he disbelieves. His daughter and a wealthy female landowner clash and he is marked for death. Buxom beauties and eerie ceremonies! Adults SHORTS: "Homesteader Droopy" (7 Min.) "Road Burners" (10 Min.)

Greyhound Bus Depot Moves Outside Main Gate Starting this morning, the Greyhound Bus Depot conducted its business at its new Location in the Staiger Construction Company building, west of the Main Gate Security Building on Inyokern Road. A Ridgecrest telephone number (5-1477) will service the new office. There will be no change in business hours.

BUS SCHEDULE Lv. NOTS-7:30 a.m. Ar. L.A. - 12:25 p.m. Lv. NOTS-6:09 p.m. Ar. L.A. - 11:30 p.m. Lv. L.A. - 8:30 a.m. Ar. NOTS - 1:48 p.m. Lv. L.A. - 6:30 p.m. Ar. NOTS - 11:21 p.m.

Jr. Ski Club Swim Party The Indian Wells Valley Junior Ski Club will hold a swim and picnic party at the NAF pool Tuesday, August 2, from 5 to 9 p.m. A fee of 75 cents includes food. Call Helen Driver, Ext. 725082 for reservations.

Book of the Week Born Free by Joy Adamson. The wife of a kanga game warden tells of how she and her husband adopted an orphaned lion cub and, after four years, had to teach the giant lioness how to fend for herself before she could return to her own kind. An appealing and unusual animal story.

NOTS Safety Score To Disabling Work Injuries 1959 Date China Lake 22 10 Pasadena 5 2 San Clemente 6 5 33 17

News From Pasadena

CARE Funds Aid Stricken Children

Nearly \$150,000 in cash and urgently needed supplies have been forwarded by CARE to stricken Chile where seven million homeless men, women and children are at grips with the bitter cold of winter.

Funds for this relief were provided in part by contributions of the personnel of NOTS Pasadena to the Federal Service Joint Crusade.

One of the several American relief agencies which responded immediately when disaster struck Chile, CARE has thus far forwarded \$92,576 in cash and emergency supplies valued at \$57,309. Supplies consisted of warm blankets, penicillin, vitamins, antibiotics and three mobile medical units. Also shipped by air to Chile were reconstruction tools and machinery for casting building blocks.

Cash purchases of emergency food supplies were financed partially through contributions from NOTS Pasadena and through gifts car-marked for Chilean relief made subsequent to the earthquakes that devastated the Chilean coast.

Battle Predicted In Golf League Finals At the two-thirds mark in the Summer Golf League, three nd one-half point lead has been taken by Bill White's team—John Epps, Arnold Livingstone and Hap Smith. This is the largest lead held by any team during the tournament. With six weeks more of play though, reports Bill Shealy, it is still anybody's game.

Low gross award this week went to Pat Roubidoux with a score of 38. M. Van Reed and Angelo Mello won low net with 29 and 30 strokes respectively.

Overseas Club to Meet, Make Plans for Europe Trip The NOTS Overseas Club will meet tomorrow afternoon at 1 p.m. at the Pasadena Public Library, 285 E. Walnut St., according to Leonard Semeyn, chairman. The meeting is open to anyone interested in learning more about the Club and its activities.

The Club is currently making plans for its 1961 European trip and at the meeting tomorrow, members will go over a preliminary itinerary of countries to be covered.

Next year will mark the Club's fifth European trip with different itineraries each time. Each year, they charter an aircraft for the round-trip which makes the cost a very reasonable figure. Members who like to travel "on their own" in Europe are offered the "transportation only" part of the trip which amounts to about \$285 for the New York-Europe round trip.

Promotional Opportunities Model Making (Machining), \$3.01 to \$3.27 per hour, Code #8094. Duties: Machines, fits and assembles parts to construct experimental devices, models, and prototypes for developmental work, scientific testing, training and other purposes. Devices and manufactures jigs and fixtures, and sets up and operates all varieties of machine tools such as lathes, shapers, planers, milling machines and profiling machines.

To apply for position, contact Nancy Reed-dan, Extension 104.

Pasadena Civil Defense Disaster Instructions Siren Signals GO HOME to Shelter Area 3 Minute WARBING TONE TAKE COVER in Nearest Shelter All Clear and EMERGENCY INSTRUCTIONS 640 and 1240 on Radio GENERAL INFORMATION Pasadena Elementary SCHOOLS will be: Warden District Headquarters Volunteer Registration Centers First Aid Stations Pasadena City PARKS will be: Information Centers for locating displaced persons EMERGENCY PREPARATIONS Have a first aid kit and flashlight Have a battery operated radio Store extra food and water Select a shelter area and family meeting place Know first aid and fire fighting techniques Know precautions against fallout radiation Use telephone for disaster reports only

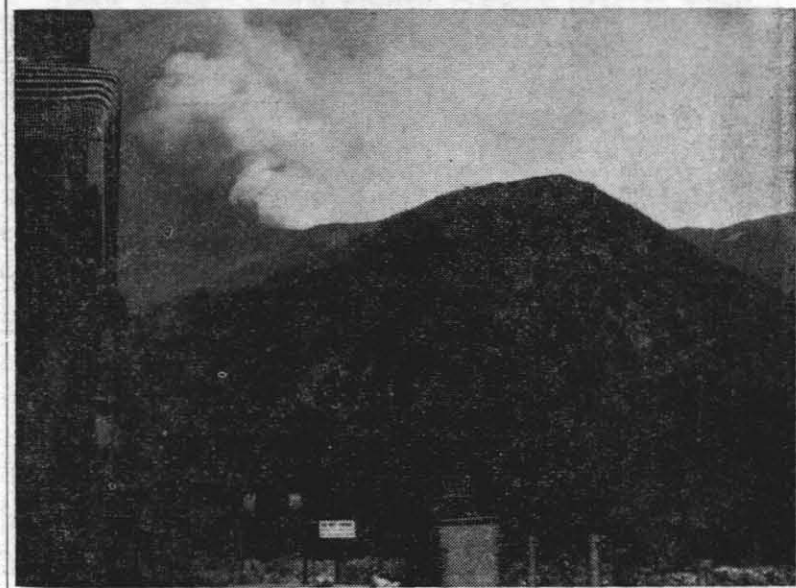
Airplane Schedules LAX-Inyokern Leave LAX 7:15 a.m. 5:45 p.m. Arrive Harvey Field 8:07 a.m. 6:37 p.m. Leave Harvey Field 8:11 a.m. 6:42 p.m. Arrive LAX 9:03 a.m. 7:34 p.m.

Long Beach-San Clemente Island Leave Long Beach 8:00 a.m. 3:15 p.m. Leave SCI 9:00 a.m. 4:15 p.m.* *Afternoon flights are approximate times, depending on SCI operations.

Airport Bus Route The airport bus will proceed via Foothill Blvd., Kinneloa, and Colorado, to the Arroyo Parkway. From there, it will travel to the Airport via the Freeways and West Century Blvd. The return route will be the reverse of this. The driver will not deviate from this route.

Airport Bus Pickup Persons whose names appear on the manifest carried by the driver as passengers on the Inyokern plane can be picked up on Arroyo at Green in Pasadena and on Century at South Figueroa in Los Angeles. Anyone desiring such pickup must so notify the Travel Office, Extension 24, prior to 4 p.m. of the preceding day for the 6:05 a.m. trip, or prior to 3 p.m. of the same day for the 4:15 p.m. trip from NOTS Pasadena.

Who's Under Water? A letter addressed to "Under Water Annex, China Lake Ordnance Test Station," was delivered last week to the Documentary Film Branch at NOTS Pasadena. The group says with all the time spent at San Clemente Island, they think it came to the right place.



TEST SITE CAMOUFLAGED—As the San Gabriel Canyon forest fire blazed into its second week, the Morris Dam test site was hidden beneath a blanket of smoke and falling ashes. At one time it was impossible to see to the end of the 300-foot bridge of the Variable Angle Launcher. At present time, the fire was reported to be 80 percent contained, having already burned 20,000 acres. Morris Dam fire crews have continued on an alert status should the fire turn to put the Navy's site in danger.

Tips on Treating Snake Bites

Just as every community in the world has its advantages and disadvantages, its security and its perils, we, too, in our desert community at China Lake, are primarily concerned with one natural hazard of the area, the highly poisonous rattlesnake, the sidewinder.

Our best defense is the awareness that an ounce of prevention is worth a pound of cure, so when walking in the desert, it is highly advisable to wear heavy boots extending to about mid-calf and watch where we walk.

In the event of a snakebite, the first thing to remember is not to get excited. There is a basic method of first aid which will help

- Apply a tourniquet just above the bite.
Sterilize your knife blade or razor blade with a flame.
Make a cross-cut incision through each fang mark. These cuts should penetrate the skin and about 1/4 inch long so that the poison can be sucked out.
If you're not carrying a snake bite kit, apply suction with the syringe. If not, apply by mouth.
Get to a doctor as soon as possible. Avoid exertion.
In no case take any alcoholic beverage by mouth. If all these steps are followed, death by snake bite is very remote.

Von Huene and Silver Earn Ph.D. Degrees

Roland von Huene and Meyer Silver, members of the Research Department, were recently awarded their Doctorate degrees.

Dr. von Huene, a geologist with the Astronautical Sciences Division, received his B.S., M.A., and Ph.D. from the University of California at Los Angeles, and also attended the University of Innsbruck, Austria, for two years under a Fulbright Fellowship.

Dr. Silver, a physicist with the Physics Division, received his B.S. from Brooklyn College, his M.S. from Rensselaer Polytechnic Institute, and his Ph.D. from the University of Notre Dame.

At the present time there are 67 scientists at NOTS with Doctorate degrees and 41 of these are in the Research Department.



FLIGHT OFFICER — LCDr. Walter P. Johnson reported recently to NAF from the Naval Postgraduate School at Monterey. In service since January, 1943, he attended pre-midshipman school at Asbury Park, New Jersey and received midshipman schooling at Columbia Univ. His overseas tours include the Marshall and Palau Islands. LCDr. Johnson and his wife, Benita, and children, Phillip 8, and Pamela 5, have been assigned quarters at 507-B Saratoga.