**LOS ANGELES LUNCHEON MEETING**

Southern California members of the Alumni Association have been taking an active interest in the monthly luncheon meetings held in Los Angeles. The November luncheon meeting was held Tuesday, November 23, at Hotel Clark. P. L. Johnson, chief engineer of the Southern California Telephone Company, spoke on the postwar aspects of local and long distance communication.

Current industrialization of southern California, Mr. Johnson stated, indicates rapid growth of population which will put greatly increased demands upon the telephone system in this area. Automatic toll ticketing being tried near Los Angeles promises to aid in meeting increased demands for telephone service. This development goes far toward the elimination of toll operators' services on "short-haul" toll calls. Probably after the war such equipment will be widely installed throughout the nation. It also appears probable that similar systems will be developed for handling "long-haul" telephone calls after the war. Carrier-frequency telephone systems have been developed which permit the transmission of 480 telephone messages over one coaxial conductor.

Development of telephone systems has practically stopped because of the devotion of almost the entire effort of Bell Telephone Laboratories to war and related research and engineering.

**THOMAS S. TERRILL HELD PRISONER**

Thomas S. Terrill, who received his B.S. degree in Aeronautical Engineering from Caltech in 1933, is a prisoner of the Japanese, it was announced recently by the Navy Department.

Mr. Terrill was an employee of the American Export Company when it decided to inaugurate a transoceanic air service in 1939. He was singled out by the company to help inaugurate the service and served as first officer and navigator on a giant flying boat when it made three trans-Atlantic "survey flights."

Mr. Terrill then was employed by the Consolidated Aircraft Company and helped ferry 30 big planes to the Bahamas Islands. Still later he served as navigation commander of an air crew ferrying planes to the Philippines. He had two trips to the islands and on his third flight was captured by the Japanese in Manila and sent to Santo Tomas prison camp. This was in December, 1941, and his parents have received no word from him since.

**PERSONALS**

1917

FRED L. POOLE is teaching at the University of Santa Clara.

1922

DONALD H. LOUGHRIDGE has been on leave of absence from the University of Washington where he is professor of physics, and he has been doing war research and development work at various places throughout the country. Mr. Loughridge is now back in Seattle doing full time war research work.

1925

ALBERT J. FERKEL has been transferred to Port Arthur, Texas, as chief process supervisor of the Port Arthur Refinery of the Atlantic Refining Company. The plant is currently being expanded by the addition of fluid catalyst cracking and hydrogen fluoride alkylation for the production of aviation motor fuel.

1926

ROBERT BOGEN is general manager of the Production Tooling Co. in Los Angeles, a company engaged in manufacturing aircraft parts.

CAPTAIN ROSCOE GLOCKLEY has been assigned to a regiment at Camp Sutton, N. C.

SURLY G. KNUPP has been employed by Douglas Aircraft Co., Inc., since August, 1942. He is now working in the production design office of the engineering department at the Long Beach plant. In addition to nine hours a day at Douglas, he is continuing his law practice.

C. H. BIDWELL is the father of a son, John Laurence, born August 23. Mr. Bidwell is employed at the Bell Telephone Laboratories in New York in the toll-circuit design department.

1927

LIEUTENANT COLONEL T. C. COMBS is the assistant executive officer and control officer at Camp Claiborne, La.
LIEUTENANT WILLIAM W. AULT-MAN is back in the United States after seven and a half months at Dutch Harbor with the Seabees, and has returned to Camp Parks, near San Francisco, for additional training and for reassignment. WAYNE RODGERS is the father of a son, Bruce Vincent, born November 20.

1929

LIEUTENANT (J.G.) HAROLD A. CORBIN, U.S.N.R., is now in training at Fort Schuyler, N. Y. He will then go to Miami, San Diego and Boston, where he expects to receive orders regarding a permanent location. His three-year-old daughter, who was in the hospital at the time he left for New York, is now well and at home. Mr. Corbin also has another daughter, Barbara Joan, born September 25, two days after he left for training.

GEORGE S. LUFKIN is the father of a second child, George Robert, born in July in New York City.

ALLEN W. DUNN is at Headquarters, E.U.T.C., Camp Sutton, N. C.

NICHOLAS M. OBOUKHOFF, research professor of electrical engineering and professor of mathematics and physics at the Oklahoma Agricultural and Mechanical College at Stillwater, Okla., has had numerous papers published recently. Among these were a discussion published in "Transactions of the American Institute of Electrical Engineers" entitled "Emergency Overloading of Air-Cooled Oil-Immersed Power Transformers by Hot-Spot Temperature," and a paper on the subject "Teaching of Graduate Courses to Undergraduate Students," published in the Proceedings of the Oklahoma Academy of Science. Dr. Oboukhoff read a paper, "Relation of Technology to Humanism in Goethe's Faust and in the Works of Saint-Simon," before the Sixth International Congress for the Unity of Science which was held at the University of Chicago. He was elected a member of Eta Kappa Nu and has been made a senior member of the Institute of Radio Engineers.

1930

PVT. HARRY S. MASON, JR., has been assigned to a regiment at Camp Sutton, N. C.

SIDNEY ZIPSER is attending photographic school for the Signal Corps in New York and visited the campus recently while on furlough.

1931

CARTER GREGORY is a geophysicist at Shell Oil Company in Bogota, Colombia.

LAVERN LEEPER has been assigned as instructor to the University of Illinois for the Army specialized training program.

EDWARD S. PEER is working for Filtral as a research chemist, coordinating analytical work with the research program.

1932

CARL F. LIND is now a senior lieutenant in the Naval Reserve, Civil Engineering Corps. Having finished construction of the Naval Air Station at Hutchinson, Kan., he is now assigned to the Public Works Department of that station on maintenance and improvement works.

THOMAS E. MATHEWS, JR., post signal officer of the Merced Army Air Field, has recently received his promotion to the rank of first lieutenant. Prior to his enlistment Lieutenant Mathews was employed as rate engineer by the Southern California Telephone Company of San Francisco.

During the year-end holidays—a peak travel season even in normal years—S. P. managed to carry furloughed service men and many other folks with good wartime reasons for traveling on the train.

We were helped to do this by a lot of patriotic people who gave up holiday train trips they'd like to have made (and would have made in peacetime!). This was a fine example of public cooperation with our railroad. We want you to know we very much appreciate it.

In the new year ahead Southern Pacific faces an even bigger traffic load than we've been handling up till now. New U. S. offensives are building swiftly in the Pacific and our railroad's responsibility is growing by leaps and bounds.

Like buying war bonds and conserving food, staying off the train is a contribution you and your family can make toward victory. We know you'll keep on doing your part to help us keep the war trains rolling.

The friendly Southern Pacific
GUY WADDINGTON is on leave of absence from Rollins College for the duration and is now engaged in war work for the Bureau of Mines with an official rating of physical chemist.

1938

LIEUTENANT WILSON JONES is on active duty with the Seabees.

LIEUTENANT (J.G.) SAMUEL KELLER is with the Seabees and is receiving his training at Gulfport, Miss. DAVID M. SULLIVAN has been working as a field engineer for Columbia University Division of War Research at the U. S. Navy Underwater Sound Laboratory, New London, Conn.

CHARLES W. CLARKE is chief production engineer for Airsearch Manufacturing Co., Phoenix plant, Phoenix, Ariz.

HABOLD W. SHARP is the father of a son, James Michael, born August 15, 1943.

R. C. DAVIDSON is assistant director of research at the Filtrol Corp. A. M. O. CRAWFORD and Miss Elisabeth Nelson were married in December.

CARL FRIEND is the father of a baby daughter, Marie Jeanette, born November 6 in Glendale.

1939

ROBERT L. SMITH is a major in the Marine Corps, and has seen action at Pearl Harbor and Guadalcanal.

JOSEPH M. COX has been appointed as superintendat of construction of the shipyard "Iacocos", located near the port of Acapulco on the Pacific Coast.

1940

WILLIAM J. HOWELL, JR., after leaving Caltech did work at the University of Chicago and later at the Armour Research Foundation while a research fellow at the Illinois Institute of Technology. He was commissioned through the Marine Corps Officer Procurement District in Chicago. He has been commissioned a second lieutenant in the Marine Corps and is engaged in indoctrination at the Marine Base at New River, N. C.

FREDERICK C. O. ODER is now head of the Weather Division, Air Force School of Applied Tactics at Orlando, Fla. He holds the rank of captain.

RICHARD L. SULLIVAN has left Transcontinental & Western Air, Inc., in Kansas City, and has accepted the position of chief engineer with Mid-Continent Airlines, Inc., in Minneapolis, Minn.

DONALD E. JOFFELS has been taking his basic training at Seymour Johnson Field, N. C., and expects to do photographic work in the Army Air Corps.

1941

ROBERT F. ROMINGER has been working as junior geologist with the U. S. Geological Survey at Monticello, Utah, since June, when he received his master's degree at Northwestern University.

LIEUTENANT STANLEY J. MITCHELL, who has been with Westinghouse at East Pittsburgh, Pa., is now with the Army Air Force at Wright Field, Dayton, Ohio.

NORMAN Z. ALCOCK is in England for a short visit for the Radio Section, National Research Council of Canada.

JOE LEWIS is manager of industrial relations, Boyle Manufacturing Co., a United States Corp. subsidiary.

GUY STEVER recently returned to the United States from England where he was engaged in scientific work.

ROBERT G. BOWLUS is employed as process engineer with Tidewater Associated Oil Co. at the Watson refinery. He has a daughter, Margaret Anne, born September 6.

1942

CLIFFORD C. HOGLAND and Miss Louise Allen were married on September 18 at Willow Grove, Pa.

ROBERT N. HALL is the father of a son, Richard Hallock, born August 17 at Schenectady, N. Y.

ENSIGN TOM ELLIOTT is the father of a baby boy born in October. Ensign Elliott recently returned home from the southwest Pacific by clipper, where he has been serving as an aeronautical engineer with the U. S. Navy.

ALAN BELL is attending Johns Hopkins Medical School at Baltimore, Md.

WARREN A. HALL is the father of a daughter, Beverly Ann, born in November.

WENDELL W. HARTER and Miss Madelyn Ruth Pyle of Pasadena announced their engagement recently. The bride-to-be is now attending U.C.L.A. and Mr. Harter is a stress engineer at Northrop Aircraft, Inc. The wedding will take place next summer.

HERBERT DAVIS is with Western Electric in New York.

ROBERT D. ALTMAYER is now an ensign in the U.S.N.R. and is at present located at the Bureau of Aeronautics, Washington, D. C.

CHARLES M. BROWN is a field engineer for the R.C.A. Service Company at San Francisco.

LIEUTENANT (J.G.) JOHN A. CHASTAIN is with the Pacific Fleet as a radar officer on the U.S.S. Harris.

1943

ROBERT P. LEVINE is now an aviation cadet in engineering at Seymour Johnson Field at Goldsboro, N. C. He is awaiting shipment to Technical Training School at Yale University.

CHARLES STRICKLAND, former student body president, is now in the U. S. Naval Academy in V-7 training and graduated as an ensign, E-1, U.S.N.R., in December.

DESIGN BARNARD is now in Washington, D. C.

ENSIGN DAVID ELDER and Miss Marguerite von Norman were married in Seattle on October 30. Ensign Elder has been assigned to duty at Caltech.

NICHOLAS BEOVICH and Miss Joan Deopker, a senior at Occidental College, recently announced their engagement. He is teaching in the electrical engineering department at the Institute.