

ALUMNI NEWS

LOS ANGELES LUNCHEON MEETING

SOUTHERN CALIFORNIA members of the Alumni Association have been taking an active interest in the monthly luncheon and dinner 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 Bahama 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.

RECEIVES IMPORTANT ARMY PROMOTION

COLONEL IVAN L. FARMAN, who received his B.S. degree in 1926 and his M.S. degree in 1927 from the Institute, has been named commanding officer of the Army Airways Communications System wing at Asheville, North Carolina. Colonel Farman was formerly assistant chief of staff for plans and operations of the wing.

The A.A.C.S. wing provides, operates and maintains airways communications, airdrome traffic control and radio aids to aeronautical navigation all over the military airways of the army air forces. It is one of the most extensive airways communications systems in history—perhaps larger than all previous such systems combined. Its facilities girdle the globe, crossing four oceans, with installations in many foreign countries.

Colonel Farman entered the Army Air Forces as a flying cadet and won his wings in 1929, graduating from the advanced bombardment course at Kelly Field, Texas. He has been engaged in air force communications work since that time.

Assigned to the A.A.C.S. wing early in 1941, Colonel Farman served as communications officer on the staff of General Brant in Newfoundland and was engaged in the installation and operation of army airways communications system facilities in the North Atlantic area until his assignment to wing headquarters in North Carolina.

ALUMNUS RECEIVES MEDAL

LT. COL. FRANK CAPRA, '18, noted Hollywood director, recently was awarded the Legion of Merit Medal for outstanding work as chief of an action picture production unit in the European theater of operations. The presentation was made by Lt. Gen. Jacob L. Devers, commander of the Allied troops in this area.



PERSONALS

1917

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

1923

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.

SURLEY 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 25. 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. AULTMAN 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.

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

EDWARD S. PEER is working for Filtrol 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 Hutchison, 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.



Thanks,
friend!

All you folks who gave up holiday
train trips have a "pat on the back"
coming... from the men in
uniform and from us railroaders

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.

S·P

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.

1933

COMMANDER HARALD OMSTED, CEC., U.S.N.R., is with the 94th U. S. Naval Construction Battalion. He saw service in the Aleutians last winter as officer in charge of a battalion. He is enthusiastic about the Seabees, and recommends the service to fellow alumni.

LIEUTENANT COMMANDER EDGAR C. CRAWFORD, CEC, U.S.N., is an executive officer with the 94th U. S. Naval Construction Battalion.

TRENT DAMES is the father of a baby girl, Joyce Marie, born September 9.

RAYMOND C. BINDER, associate professor of mechanical engineering at Purdue University, is the author of a book, *Fluid Mechanics*, which was designed for use as a textbook for undergraduate engineering students. It was geared to meet the requirements of wartime courses.

SERGEANT FRED DETMERS, who is attending photographic school of the Signal Corps in New York, visited the campus recently while on furlough.

1934

HOWARD E. GULICK is a non-flying lieutenant in the Air Corps, stationed for the past year at Yuma Army Air Field in the post engineer's office.

T. H. CARRICK was promoted recently to captain, Chemical Warfare Service, U. S. Army. He is stationed at Fort William Henry Harrison, Mont., and his present duty is post adjutant and chemical officer.

DAVE HATCHER, a second lieutenant in the Army Air Corps, was married recently in Hartford, Conn. He had 20 weeks training at Boeing Field, Seattle, and is now stationed in Colorado.

1935

MABRY VAN REED, first lieutenant, C. E., has been transferred from the U. S. Engineer Los Angeles District Office to the Engineer School, Fort Belvoir, Va., where he is instructor in the department of engineering.

1936

DICK H. WALLMAN is now flying as meteorologist-navigator on the Pan-American "Clippers", with headquarters at Jackson Heights, New York. He is in the Naval Reserve, inactive status.

WILLARD L. McRARY has been doing biochemical research on guayule at the Bureau of Plant Industry's experimental station at Salinas.

WALFORD E. SWANSON is with the U. S. Engineer Office in Sacramento.

LIEUTENANT ROBERT M. NICHOLS has been studying electronics with the R.A.F. in England.

1937

RALPH S. BENTON is now an ensign in the U.S.N.R. training for salvage work in New York City.

MAJOR PETER HINES WYCKOFF is at present serving with the Air Service Command, United States Army, with headquarters in Patterson Field, Fairfield, Ohio. From September, 1941, to November, 1942, he served overseas, studying in a British military school and assisting in electronics research. In November, 1942, he married Miss Evelyn Jauquet of Wilkinshurg, Pa., who is employed by the Westinghouse Electric and Manufacturing Co. in East Pittsburgh, in the capacity of receptionist in their research laboratories.

LIEUTENANT (J.G.) JACK KINLEY is a Navy paymaster on a tropical island in the southwest Pacific.

PAUL S. JONES has been in Africa for the past year and a half as a civil engineer on lend lease construction projects for the U. S. Engineer Department, most of the time being spent in Eritrea, but more recently at the engineer headquarters in Cairo, Egypt.

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. SHERWOOD is 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 Airesearch Manufacturing Co., Phoenix plant, Phoenix, Ariz.

HAROLD 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. SMITH 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.

JOSE P. ORTIZ has been appointed as superintendent of construction of the shipyard "Icacos", 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 has reported for indoctrination at the Marine base at New River, N. C.

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

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

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

ENSIGN FRANK W. DESSEL, JR., U.S.N.R., is an aerologist at the Naval Air Station in Bermuda, B. W. I. His wife and three-year-old son, Frank William III, reside in Pasadena. He received his aerological training at Caltech.

CHARLES D. RUSSELL received his doctorate in chemistry from Duke University, worked for the Texas Company at Beacon, N. Y., and is now employed as a research chemist for the California Milk Products Co. in Gustine, Calif.

ROBERT O. COX is chief engineer for the Atlas Aircraft Products Corp. in New York City.

DUMOND STAATZ graduated in October from Michigan Medical School and has begun a year's internship at the Los Angeles County General Hospital. On Sep-

tember 3 he became the father of a baby boy.

1941

JOSEPH 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. HOAGLAND 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.

STEWART DAVIS is with Western Electric in New York.

ROBERT D. ALTMAYER is now an ensign in the U.S.N.R. and at present is 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 Pedro.

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 in Goldsboro, N. C. He is awaiting shipment to Technical Training School at Yale University.

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

ENSIGN DAVE ARNOLD is now in Washington, D. C.

ENSIGN DAVID ELMER and Miss Marguerite von Norman were married in Seattle on October 29. Ensign Elmer has been assigned to duty at Caltech.

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