

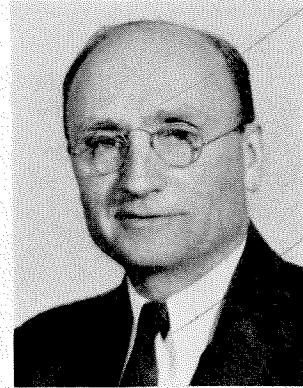
ALUMNI YOU SHOULD KNOW

TRANSPORTATION ENGINEER

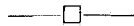
After spending eleven years at sea, including six before the mast on windjammers, and five years in navigation and as an officer on steamships and in the German navy, Fritz Karge tired of the romance of the sea and settled down to engineering work in California. In 1915 he found employment in Union Oil's engineering department and during a leave of absence completed his formal engineering education at the Institute in 1918. Returning to Union he was put in charge of Civil Engineering Design and during the period of greatest expansion in the oil industry he was in charge of design of many types of structures and installations, such as, tanks, reservoirs, foundations, water and sewer systems, wharves, and the like. He was also in charge of survey and mapping activities. Since 1929 Mr. Karge has served as Engineer of Transportation for the Union Oil Company thus supervising the design and installation of oil pipe lines, pump stations, water systems, as well as surveying and mapping projects.

Mr. Karge was President of our Alumni Association in 1921 and served for nine years as chairman of the Advisory Board of the Institute's Y.M.C.A. activities. He is a member of the A.S.C.E., is secretary of the Los Angeles Alumni Club of Tau Beta Pi, and is also a California State Licensed Surveyor, Civil and Structural Engineer. Mr. Karge is also a member of several important committees of the American Petroleum Institute.

The sound judgment and wide engineering experience of this alumnus have served as an inspiration to many of our more recent graduates who have had the opportunity to work under him on some of the ramified problems which are under his jurisdiction.



FRITZ KARGE



LAWYER



EDWARD E. TUTTLE

Edward E. Tuttle received a Bachelor of Science degree in Electrical Engineering from the California Institute in 1928. At that time the profession of law held more appeal than the engineering profession for young Tuttle, hence he shortly enrolled in a law school.

He was an excellent student both in Caltech, where he won his Tau Beta key, and at U.S.C. Law School, from which he graduated in 1931 with the award as the most capable scholar of his class for the three year period.

Upon graduation he entered the firm of Ferrand & Sloson where he is now engaged in the general practice of law. He is, of course, a member of the California State Bar as well as of many others. He has also been admitted to practice before the Supreme Court of the United States.

Mr. Tuttle finds law an interesting and absorbing occupation and his principal tasks include general civil litigation, corporation and probate work. Recently, he combined a vacation with work when he went East to present some tax cases.

Ed Tuttle is a keen supporter of the Alumni Association and at present is doing a splendid job as its Secretary.