



Fred G. Roberts, Jr.

Fred G. Roberts, Jr., President of Traid Corp., Encino, California, passed away on March 28, 1964. Born in Chicago on April 8, 1907, he attended schools in the Chicago area and graduated from Lake Forest College. Following extensive service with Bell & Howell Co. in Chicago he served as an officer in the U.S. Navy from 1941 to 1946.

Following his naval service, Mr. Roberts formed his own firm, Training Aids, Inc.,

in the Los Angeles area. As a special representative for Bell & Howell, Training Aids, Inc. supplied audio-visual equipment to educational institutions and other fields.

In 1950 the name of the firm was changed to Traid Corp., a contraction of "Training Aids," as a result of the company's increasing activity in the field of photographic instrumentation, particularly in the design and manufacture of high-speed intermittent cameras used in drone miss-distance systems. His work in this area continued to increase to the eventual exclusion of audio-visual work, and Traid concentrated exclusively on optical instrumentation systems until the addition of electronic miss-distance systems and a mass market still camera within the past few years. During recent years Traid also served as a representative of other manufacturers in the photo instrumentation field, including Photo-Sonics, Inc.; the Automax Cine-Pulse camera of Neyhart Enterprises; Consolidated Systems Corp.; and Vanguard Instrument Corp.

Those persons who were privileged to have known Fred Roberts will long remember his keen interest and enthusiasm for his chosen field of endeavor, and for his high sense of personal integrity.—*Carlos H. Elmer*

Chairman of the morning session. Papers were presented on "Environmental Requirements for Classroom Television and Audio Communication" by Charles D. Gibson; "Television Origination, Distribution, Display for Classrooms" by Mr. Isberg, Glen Pensinger and Gene Henderson; and "2500-mc Instructional TV Fixed Service" by L. T. Frymire. The afternoon was given over to tours and exhibitors' papers; a meeting of the SMPTE San Francisco Section was held in the evening. Chairman of the meeting, which was open to Conference registrants and exhibitors as well as SMPTE members and guests, was Stewart A. Macondray.

Chairman of the Conference was Ken Winslow of the University of California, Berkeley. Speakers included FCC Commissioner Robert T. Bartley and other well-known authorities in the fields of education, radio and television.

The Communication Arts Dept. of Fordham University, Bronx, N.Y. 10458, has announced courses and conferences in television and motion pictures to be held during the summer session. Courses include Television in the Service of Education; Educational Television Production; ETV Studio Operation; Film Study in the Schools; Introduction to Mass Communications; and Institute and Workshop for the Modern Theater. Five-day conferences will be held on Educational Television and Film Study in the Schools; the latter will be conducted in cooperation with the Hollywood Museum, California.

A two-day seminar on Creativity and the Patent Process in Engineering, presented by the Engineering and Sciences Extension of the University of California, Berkeley, will be held June 4-5 in San Francisco. The aim of the seminar is to show how creativity in engineering can be made profitable. The seminar will be divided into four half-day sessions. Three of these will cover the psychology of creativity and creativity training; management of creative engineering groups; and establishment of sound patenting procedures. During the final half-day the entire seminar faculty will take part in a round-table discussion in which problem areas and topics of special significance may be taken up.

The American Society for Testing and Materials occupied its new \$3 million headquarters at 1916 Race St., Philadelphia, on March 2. The building, constructed on the site of the former ASTM headquarters, has four floors totaling 65,000 sq ft and a provision for expansion. Accommodations include an auditorium with a seating capacity of about 350, which may be subdivided into two smaller rooms; several additional meeting rooms; offices for the staff; storage space; loading docks and elevators.

Community Television of California has been granted \$468,790 by the Department of Health, Education and Welfare for construction of a television station under terms of an FCC permit for Channel 28, according to an item in the February-March, 1964, issue of *RCA Educational TV News*.

Education, Industry News

The 1964 International Conference on the Photographic Science and Engineering will be held April 27-May 1 at the Hotel Americana, New York. Co-sponsors with the SPSE are Columbia University's School of Engineering and the U.S. Air Force Avionics Laboratory. Papers to be presented will cover a wide range of subjects and panel discussions on subjects of outstanding current significance will be conducted by specially invited speakers who are renowned in their fields. Of special interest during the five-day conference will be cooperative meetings with the SPIE and the SMPTE. An extensive trade and technical exhibition will be held in conjunction with the conference and a special exhibition and demonstration of photographic instruments and instrumentation techniques will be held on the morning and afternoon of April 30 arranged by the SPIE.

Session topics include Aerial Photographic Systems; Selected Photographic Instrumentation and Techniques; Selected Reproduction and Evaluation Techniques; High-Speed and Motion-Picture Photography; Image Evaluation; Monobath and Reversal Processing; Special Evaluation Techniques; Photographic Gelatin; Photographic Processing; Latent Image Formation; Physics and Chemistry of Silver Halides; and Nonsilver Photosensitive Systems.

Panel Discussions will be held on Photographic Aspects of Geodetic Satellites, Discussion Leader, N. Goodwin, Independent Tracking Coordination Program, Washington, D.C.; Modern Aspects of High-Speed Photography, Discussion Leader, Max Beard of the SMPTE; Image Structure Measurements in Color Photog-

raphy, Discussion Leader, C. S. McCamy, National Bureau of Standards; and Latent Image Theory, Discussion Leader, J. F. Hamilton, of Eastman Kodak Co.

Invited papers will be presented by M. Ewing, of Columbia University, on "Use of Photography in Oceanography"; J. S. Courtney-Pratt, of Bell Telephone Laboratories, on "Values and Limitations of Lasers in Photography"; H. J. Zweig, of IBM, San José, Calif., on "Performance Criteria for Photodetectors, Concepts in Evolution"; E. Klein, of Leverkusen, Germany, on "The Crystallography of the Silver Halide Crystal"; and J. Ott, of Time Lapse Research, Inc., Lake Bluff, Ill., on "Time Lapse Photography." About 80 papers, including the invited papers, are scheduled for presentation and four panel discussions are scheduled. A popular lecture and demonstration film will be presented on the evening of April 30.

Members of the conference committee are: General Chairman, Walter Clark; Papers, Heinz F. Nitka; Exhibits, Howard J. Hall; Publicity, Norris Harkness; Registration, Jeromir Kosar; Social Activities, Henry Croix; Audio and Visual Aids, Robert Foshay; and New York Chapter Liaison, James W. Howard.

Address of the SPSE is Box 1609, Main Post Office, Washington, D.C. 20013.

The 1964 Western Radio & Television Conference was held February 26-29 in San Francisco. The first day of the Conference was given over entirely to symposia arranged with the assistance of the SMPTE on the general subject of TV as a Means of Instructional Communication. This was the third in a series of symposia arranged with the Society's assistance. R. A. Isberg, Communications Engineer, University of California, was