

95th Technical Conference and Equipment Exhibit

April 12—17, 1964

Ambassador Hotel
Los Angeles



Technical Program

Even for a Los Angeles meeting, an unusually strong papers program is being organized for the spring Conference. All Topic Chairman (see list in the November, 1963, *Journal*, p. 886) report good response and a considerable number of substantial papers promised in their various areas.

Deadline for abstracts to reach the Program Chairman (John M. Waner, c/o Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood 38, Calif.) and the appropriate Topic Chairmen was January 27. Reading copies are due to John Waner and to the Editor at Society headquarters by March 9.

Several special features of the program which should have considerable general as well as specialist appeal can already be outlined. Further details will follow in subsequent issues.

First, there will be an evening devoted to a special report on the present state of the film industry in the U.S.S.R. The report will be presented by Deane R. White (SMPTE Engineering Vice-President), Ethan M. Stifle (SMPTE Executive Vice-President) and William E. Gephart, Jr. (SMPTE Governor), who recently paid a three-week visit to the Soviet Union in company with Frank Capra (see November, 1963, *Journal*, p. 886). A number of slides and films were made in the course of the trip, and a hundred or more of these will be presented with narration by Messrs. White, Stifle and Gephart. First-hand information of this kind, brought by our own officers, should prove of immense interest.

The second notable feature already apparent is the unusual strength and interest of the Instrumentation and High-Speed Photography sessions organized by Topic Chairman John Waddell. These sessions, of which there are likely to be at least three, will start with a special luncheon for high-speed photography speakers and registrants, at which H. A. Bauer, Asst. Vice-President of Douglas Aircraft, will give the keynote address. His subject will be "The Economics of Photo-Optical Instrumentation." Among the papers read will be several from overseas, including papers from England, Germany, Japan and the U.S.S.R.

The third feature item definitely planned is an evening devoted to an exposition of time-lapse photography by C. G. Lefeber of the Pasadena Foundation for Medical Research and Dr. Irwin A. Moon of the Moody Institute of Science.

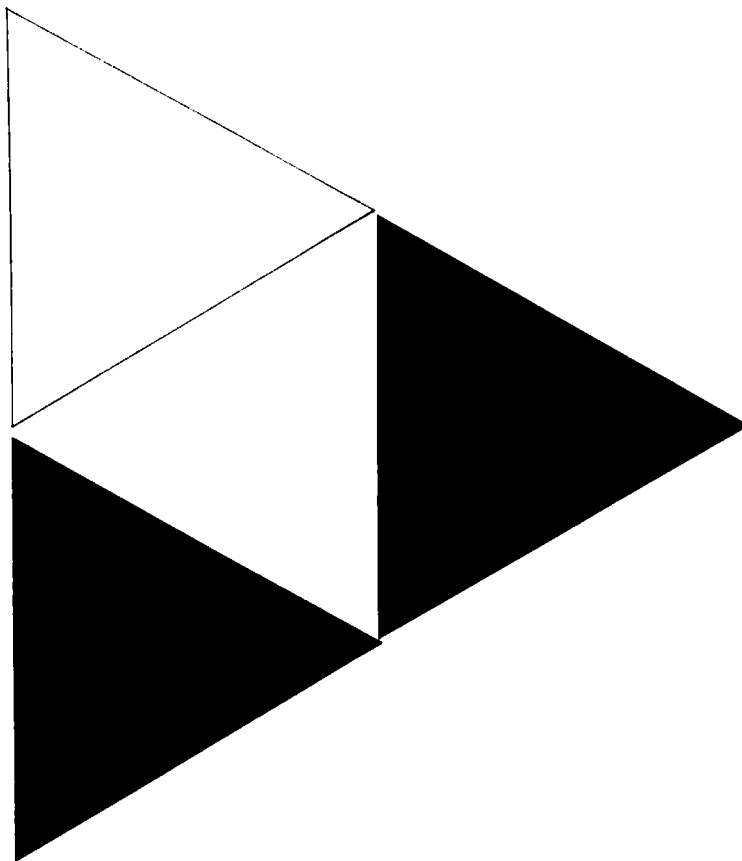
A postal announcement mailer containing a tentative schedule and outline of the entire program will be sent to members in February. This will include a detachable postcard for making reservations at the Ambassador Hotel.

Equipment Exhibit

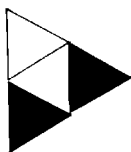
Those who remember the impressive display of equipment at the last Los Angeles Conference two years ago may expect to see an even broader selection of new developments for all parts of the industry at the Ambassador in April. Such an occasion represents a special opportunity for those attending because it is only at a large SMPTE meeting of this sort that such a comprehensive collection of new professional equipment, covering such a wide variety of professional uses, can be seen.

Among the companies already known to be planning to exhibit their newest equipment at Los Angeles there are representatives of every major area of the Society's broad scope of reference. Television broadcast, industrial and studio equipment; all types of commercial and professional cinematography; photo-instrumentation and high-speed photography for government, industry and research; sound recording and reproduction; educational and specialized applications of motion pictures and television; all these areas will be found represented among the technological achievements demonstrated at the Exhibit and during the Exhibitors' Equipment Papers and Demonstration Session on Wednesday morning, April 15.

The following companies have already announced their intention of exhibiting: Ampex Corp., Redwood City; Arriflex Corp. of America, New York City; Bach Auricon, Inc., Hollywood; Bell & Howell Co., Chicago; Birns & Sawyer Cine Equipment, Inc., Hollywood; ColorTran Industries, Burbank; Comprehensive Service Corp., New York City; Andre Debie Manufacturing Corp., College Point, N.Y.; DuKane Corp., St. Charles, Ill.; Eclair Corp. of America, Los Angeles; Frigid-heat Industries, Nashville; Gamma Scientific, Inc., San Diego; Gordon Enterprises, North Hollywood; Gryphon Corp., Burbank; Hi-Speed Equipment, Inc., Waltham, Mass.; Hollywood Film Co., Hollywood; Houston Fearless Corp., Los Angeles; Kollmorgen Corp., Northampton, Mass.; L-W Photo Products, Inc., Northridge, Calif.; Macbeth Instrument Corp., Newburgh, N.Y.; Magnetic Sales Corp., Hollywood; Metro-Kalvar, Inc., New York City; D. B. Milliken Co., Arcadia, Calif.; 3M Company, St. Paul; Mole-Richardson Co., Hollywood; Motion Picture Printing Equipment Co., Skokie, Ill.; Moviola Manufacturing Co., North Hollywood; Neumade Products Corp., New York City; Newman & Guardia Ltd., London; Oxberry Corp., New Rochelle, N.Y.; W. A. Palmer Films, Inc., San Francisco; Photo Research Corp., Hollywood; Photo-Sonics, Inc., Burbank; Plastic Reel Corp. of America, Wee-



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hawken, N.J.; Precision Labs., Div. of precision Cine Equipment Corp., Brooklyn; Prestoscal Manufacturing Corp., Corona, N.Y.; Producers Service Co., Hollywood; Quick-Set, Inc., Skokie, Ill.; Research Products, Inc., Hollywood; S.O.S. Photo-Cine-Optics, Inc., New York City; Spindler & Sauppe, Inc., Los Angeles; Stencil Hoffman Corp., Hollywood; Sylvania Electric Products, Inc., New York City; Traid Corp., Encino, Calif.; Treise Engineering Inc., San Fernando; XcTron

Div., Carbons, Inc., Boonton, N.J.; Zoomar, Inc., Glen Cove, N.Y.

The Exhibit Chairman, who is now busy with the arrangements for what will undoubtedly be the largest display of equipment of this sort ever assembled, is George Kendall, Moviola Manufacturing Co., 5539 Riverton Ave., North Hollywood, Calif. Information about space at the Exhibit can be obtained from George Kendall or from Society Headquarters.

Education, Industry News

For a census: Motion-picture producers as well as manufacturers of motion-picture equipment will soon be receiving census forms from the Department of Commerce with questions designed to fit each firm's major lines of activity to provide information for the 1963 Economic Censuses. The censuses are taken every five years. Firms in the motion-picture production or distribution business will receive Form CB-78A. Among information to be reported will be the precise type of business, such as distributing or producing motion-picture films or tape, either for theater or TV presentation or in-services allied to production or distribution, such as film processing, delivery or booking.

Those in the motion-picture exhibition business will receive Form CB-78B which will include questions on paid admissions, theater capacity, multiple features, and on films leased in 1963.

The Census Act requires that every firm that receives a Census form must fill it out and return it. The series of censuses provides the basis for hundreds of other statistical reports during the five-year periods. Information about an individual firm is used only for statistical purposes; it may not be used for any other purpose; it cannot even be subpoenaed for a court case. The 1963 Census will provide overall facts and figures about the industry — suppliers, distributors, competing products, etc.

The IEEE Spectrum, a new monthly publication of the Institute of Electrical and Electronics Engineers, will be launched with the January, 1964, issue. *Electrical Engineering* was discontinued with the December issue. The circulation of the *Proceedings of the IEEE* will be cut from 100,000 to 40,000. Subscription rates for the new *Spectrum* will be \$9.00 to IEEE members and \$18.00 to non-members,

while subscription rates for the *Proceedings* will be \$6.00 to IEEE members and \$22.00 to non-members.

The Society of Photographic Instrumentation Engineers will hold a seminar March 2-3, at the Chase-Park Plaza Hotel, St. Louis, Mo. Subject of the seminar will be Photooptical Data Reduction and all aspects of reduction from data acquisition to utilization will be covered. Discussions will center around techniques and/or equipments involving manual, semiautomatic and automatic operation employing electrooptical, photooptical, mechanical and electronic devices. Seminar Chairman is R. J. Gast, P.O. Box 284, Florissant, Mo.

The Society of Photographic Instrumentation Engineers has announced presentation of a Charter Plaque to its New Jersey Chapter which shows the

TYPE 92B PLAYBACK SYNCHRONIZER FOR SYNCHRONIZATION OF 1/4" TAPE IN PLAYBACK WITH SPROCKET DRIVEN FILM



Responsible for tape to film transfer? Check out this addition to the distinguished MTE line of synchronizing equipment. You'll find no other gives you all of the 92B's important benefits:

WIDE RANGE, can correct speed deviations of +20% to -20% from sync speed.

CONTINUOUS DISPLAY OF SYNC CONDITION so user knows exactly whether tape is in sync. Oscilloscope semi-circle pattern moving clockwise indicates tape speed fast, counterclockwise indicates tape speed slow, semi-circle standing still indicates precise sync speed. In addition, Comparator-driven dial registers % deviation from 7 1/2 or 15 i.p.s. normal speed. **SYNC SIGNAL LEVEL IS INDICATED BY VU METER**, an Attenuator provides for boosting weak signals 20 DB. Also a Volt Meter indicates voltage to capstan motor.

HAS MEMORY if sync signal is lost, tape runs at last sync-controlled speed.

ADVANCING OR RETARDING TAPE TO LIP-SYNCHRONISM with picture, when screening, is achieved with a Spinner Knob Framing Control.

VERSATILE REMOTE CONTROLS for operating tape recorder at the Synchronizer are incorporated.

FULLY AUTOMATIC. Choice of automatic speed control for sync transfer work or manual speed control for special effects, pitch change, trimming time spots, etc.

COMPACT. All solid state. Entire 92B unit mounts in 12 1/4" of rack space, weighs 38 lbs.

COMPATIBLE. Can be used with tape transports including Ampex 350, 351, 354, 300, 400, and others. Uses 60 cycles or 14KC control track supplied by MTE type 87, 88, or any other control track generators, or sync head.

ECONOMICAL. High utility in film studios, music studios, in-plant film production facilities. Solid state reliability eliminates maintenance.

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