

92d SMPTE Convention and Equipment Exhibit

Drake Hotel, Chicago, October 21-26, 1962

The theme of the Fall Convention is *Communications Progress—Television and Motion Pictures in Industry and Education*, and much of the emphasis both in the technical program and in the Equipment Exhibit will be on audio-visual techniques and products. There will be particular interest in the improvements that have been made in the technology of 16 & 8mm sound films and in the increasing number of applications for which they are now found useful.

July 1 was the deadline for submitting

papers, and by this time the technical sessions may be completely filled. Authors who have delayed sending in their abstracts and who consider that their contribution might be of such special interest, especially in the area emphasized by the theme of the Convention, as to justify exceptional treatment by the Program Chairman should get in touch with him right away. He is: *Jack Behrend*, Behrend Cine Corp., 161 E. Grand Ave., Chicago 11, Ill.

Those interested in exhibiting equipment at the Convention should indicate their interest to the Exhibit Chairman—*Allen Hilliard*, Geo. W. Colburn Laboratory, Inc., 161 N. Wacker Dr., Chicago 6 — or to SMPTE headquarters.

Education, Industry News

Off the Highway, a film produced by the Student-Industry Film Group, a group of eleven students at the University of Southern California, has attracted considerable attention. The film is unusual in that it could be described as a "propaganda" film ("propaganda" in the sense of "helping ... a cause" (Merriam-Webster 2d ed.)) not because of the content of the film (a high-level melodrama about a salesman and a madman who meet in the desert) but because it was made to help the cause of young people barred from employment because of lack of experience.

Professional actors Richard Widmark and White Bissell and Director Fred Zinnemann contributed their services to the cause. Director Terry Sanders also worked with the group. The script was donated by the author, Ira Wolfert.

The course in Motion Picture Production Procedures and Services (*Journal*, p. 39, Jan. 1962; and p. 292, Apr. 1962) sponsored by the SMPTE in cooperation with the University of Southern California will be repeated next year. The interest in the course has been so great that plans are being made to offer the course on a regular annual basis. In addition a special short course is being planned for the Spring of 1963 with intensive instruction being given for one week for persons who cannot conveniently attend the 16-session course of evening classes held once a week.

Herbert E. Farmer of the USC Department of Cinema has been active in promoting this course and other educational activities of the Society. In discussing this course he noted that it had been preceded by years of surveying and planning by the SMPTE Education Committee. Before setting up the course, committee members queried leaders in business and industry in Southern California to identify specific needs that were later met by the course.

A Probing Mind is the title of a 28-minute, 16mm, black-and-white film with scenes filmed in various classrooms. The film shows in detail the use of motion pictures, TV, recordings, teaching machines, and resources of science laboratories by teachers to arouse interest in the study of science and improve methods of instruction. The film was produced by the National Educational Television and Radio Center pursuant to a contract with the U.S. Office of Education under Title VII of the National Defense Education Act. Information on rental or loan provisions is available from Educational Media Branch, U.S. Office of Education, Washington 25, D.C. It may be purchased from United World Films, 1445 Park Ave., New York 29, at a price of \$67.53, with a 10% discount to nonprofit purchasers. The film has been cleared for television.

Forty-two 16mm films in 36 different categories and 18 35mm filmstrips received Blue Ribbon Awards at the Fourth Ameri-

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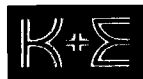
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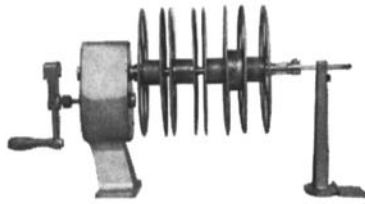
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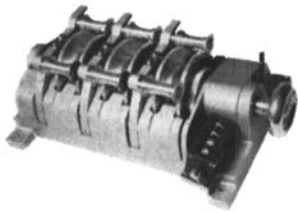
NRU-2
Negative Rewind unit



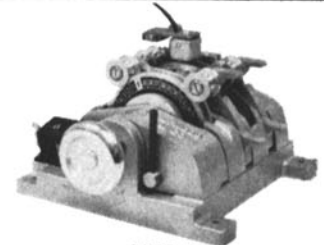
PR-1A
Power Rewind



ASR or SRA
Aluminum Split Reels



Synchronizers



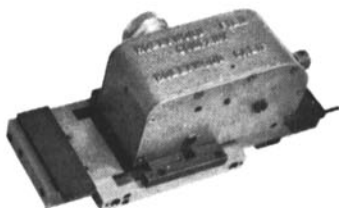
MTR-1
Magnetic Tape Attachment



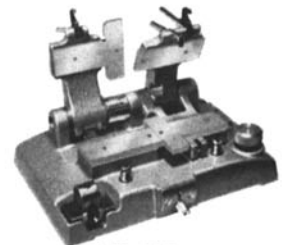
EDIT STRIPE
35mm, 300 mil Magnetic Recording Film



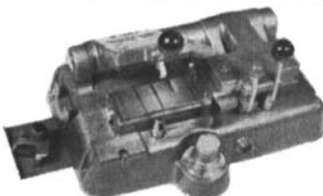
TS-1
35mm Non Magnetic Tape Splicer



AFS-35
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FS-816
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can Film Festival held in April in New York. The Festival, sponsored by the Educational Film Library Association, was attended by more than 1200 persons. About 600 films and filmstrips were submitted and a total of 309 films and 70 filmstrips were selected for competition. One of the most important events of the festival was the demonstration of the three-camera, three-projector system, called Triptych, designed and constructed by Reevesound Co., of Long Island, N.Y. This system was used to film and project a motion picture on the peaceful uses of atomic energy, produced by Francis Thompson for the Atomic Energy Commission. The film, called *Atoms at Work* was shown at the Hotel Biltmore to an

audience of about 500. Following the showing of the film a panel discussion on the Triptych system was conducted by Mr. Thompson. He described the use of three interlocked, synchronized projectors as a "realistic expansion of an idea originating in the 1930's . . ."

The 1st International Congress on Reprography will be held in Cologne, Germany, in October 1963, organized by the German Society for Photography under the auspices of Unesco. Demonstrations of the latest types of equipments and techniques for the facsimile reproduction of documents are being planned. Requests for further information should be addressed to I. Internationaler Kongress

für Reprographie, Neumarkt 49, Cologne, Federal Republic of Germany.

The 65th Annual Meeting of the American Society for Testing and Materials (headquarters, 1916 Race St., Philadelphia 3) will be held June 24-29, 1962, in New York. Two separate exhibits will be held in conjunction with the meeting. The 15th Biennial Materials Testing Exhibit will show the latest equipments and methods for materials research, testing and quality control. The other exhibit will be a Photographic Exhibit showing electron micrographs, photomicrographs, photomacrographs, and conventional photographs illustrating procedures in the materials field. Highlights of the meeting will include a Symposium on Stress-Strain-Time-Temperature Relationships in Materials and an extensive survey of problems in the aerospace industry, including sessions on Fatigue, Low Temperature, Fracture Testing and Soldering.

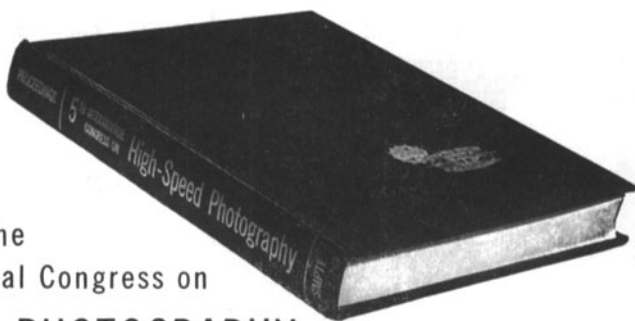
Encyclopaedia Britannica Films Inc., 1150 Wilmette Ave., Wilmette, Ill., has announced the opening of an office in Milan, Italy, to handle television sales in Western Europe. Head of the new office is Arthur E. Breider, who was formerly advertising and sales director for Sponsor Publications. He has also been associated with the television operation of M-G-M, and has acted as account executive for Ziv-United Artists.

Herbert R. More has been appointed Vice-President of Kliegl Bros., of New York, manufacturers of lighting and control equipment. Mr. More will be in charge of professional and educational television lighting sales and engineering. He has been on the firm's television lighting staff since 1948 and has been manager of the Television Lighting Department since 1957. He is the author (with Albert W. Malang) of a paper on "The Silicon Controlled Rectifier Dimmer," which appeared in the October 1959 issue of the *Journal*.

The Eidophor television projector was introduced by Prof. Alexander von Muralt of the University of Bern and Prof. Robert Staempfli of the University of Homburg at a demonstration lecture given May 10 in the Caspary Auditorium of the Rockefeller Institute, New York. The lecture was on new experiments in muscle and nerve physiology. Experiments shown on the screen included dissection of single muscle fibers; effect of interaction inhibitors in muscle; action and membrane potentials of single muscle and nerve fibers and monophasic potentials from the heart; and the sucrose gap method.

Kenya will have television by October 1, according to plans announced by Marconi Wireless Telegraph Company which has contracted with Television Network (Kenya) Ltd. for installation of both transmitting and studio equipment. The studios will be in Nairobi and the transmitting station will be located about eleven miles northwest of Nairobi at Limuru. The station will operate in Band 1 on lines

an SMPTE
publication . . .



Proceedings of the
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to CCIR standards. Studio equipment will include three Mark IV image-orthicon camera channels, four vidicon camera channels Type BD 871, a transistorized sound control console Type BD 968, picture monitors, master control equipment and film projectors.

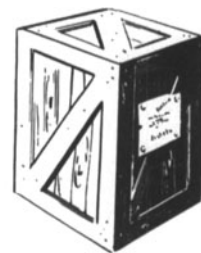
Rollo Gillespie Williams has been appointed National Sales Manager of Century, Inc., 521 W. 43 St., New York 36. He has been with the firm since 1953, his most recent post having been Director of Color Research and Lighting Consultant. Among Mr. Williams's published works are two textbooks on illumination: *The Technique of Stage Lighting and Lighting for Color and Form*. He has also published numerous technical papers, several of which have appeared in the *Journal*.

Dean F. Lawson, Manager of the Kodak Processing Laboratory, Washington, D.C., has been appointed Sales Manager of Eastman Kodak's color print and processing organization, effective about July 1. He will be stationed at Kodak Park Works, Rochester, N.Y., and in his new post will engage in sales promotion activities relating to Kodak processing operations throughout the United States. His successor in the Washington, D.C., laboratory will be Wesley R. Sandell, presently production supervisor of the Kodak processing laboratory in Atlanta, Ga.

George J. Mueller has been appointed Chief of the Applied Research Section, Research and Development Dept., Cannon Electric Co., Costa Mesa, Calif. Dr. Mueller's previous experience includes service with Allen B. DuMont Laboratories as Technical Director; Chief of Test Support Dept., Ramo Wooldridge Inc.; Director of Engineering, Technical Products Div., Packard Bell Electronics; and Chief of Development Planning for the Nortronics Division of Northrop. In his new post he will engage in original and comparative research for the company's electronic research and development program.

Photo-Consultants, 12 E. 37 St., New York 16, a newly organized firm engaged in photographic engineering, research and development, offers consultation services to firms requiring such services in photographic technology and allied fields. Director of Research is Maurice Duitz; Robert L. Strickman is in charge of Chemical Research; and L. W. Koster is in charge of Medical Photography and Microscopy.

Plans for an extensive expansion program have been announced by General Film Laboratories, 1546 N. Argyle Ave., Hollywood 28. A recently opened wing in the firm's Hollywood plant represents the first step in the expansion, the cost of which is estimated at \$½ million. A fifth projection room is now under construction and orders have been placed for about \$140,000 worth of printing equipment for additional production rooms. Included in the new wing are 13 negative-cutting rooms and a new reception area.



new products

(and developments)

.....
Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

Erratum: \$15,850.00 is the price for the 2-in-1 Zoomar tracking system (erroneously given as \$15,585.00 on p. 234, March, 1962 *Journal*), described in a 4-page folder of instructions available from Zoomar, Inc., Glen Cove, L. I., N. Y.

Two new films, Eastman Color Negative Film, Type 5251 (35mm) and Eastman Color Print Film, Type 5385 (35mm) and Type 7385 (16mm) have been announced by Eastman Kodak Co. Type 5251 has the same speed as Type 5250, which it supercedes, but provides greatly reduced graininess. This film will be available in July for general commercial distribution. Type 5385 and Type 7385 will be available in September. Between July and September, prints will be made on the current color print film, Type 5382 and Type 7383. The new film has approximately the same granularity and definition as the current color print film with an effective printing speed increase of four times with improved color reproduction. Both films were introduced at the Society's 1962 Spring Convention in Los Angeles and described in a paper by Walter I. Kisner.

Eastman Magnetic Recording Film is now available in 35mm and 16mm sizes, according to an announcement by Eastman Kodak Co. Sales are being handled by the W. J. German Co. The tape will also be available in 17.5mm widths at some future date. The tape has a triacetate base, superior conformance to the recording heads, a high level of uniformity and manufacturing requirements to meet motion-picture industry requirements for slitting and perforating tolerances. The 35mm width is now available in 1000-ft rolls and 16mm in 1000-ft and 1200-ft rolls.

The Soundcraft Uni-Lube tape, a 1-mil, Mylar base tape, oxide coated on one side and lubricated on the other with Permagraph, a lubricant designed for friction-free operation, has been introduced by Reeves Soundcraft Corp., Great Pasture Road, Danbury, Conn. The lubricant, developed by the firm to have the properties of cohesive strength and adhesion to the Mylar base, is said to have highly efficient antistatic and antifriction characteristics. The lubricant coating is extremely