

SMPTE Elections

Officers of the Society for 1967 (including those remaining in office for the 1966-67 term and those elected to serve during the 1967-68 term) are:

President: G. Carleton Hunt (1967-68)
Executive Vice-President: Deane R. White (1967-68)
Engineering Vice-President: William T. Winttingham (1967) appointed to fill the unexpired term of Dr. White
Editorial Vice-President: Rodger J. Ross (1967-68)
Financial Vice-President: Joseph T. Dougherty (1966-67)
Conference Vice-President: E. B. McGreal (1967-68)
Sections Vice-President: Wilton R. Holm (1966-67)
Secretary: H. Theodore Harding (1967-68)
Treasurer: Saul Jeffee (1966-67)
Past President: Ethan M. Stifle

Five Affairs Vice-Presidents continuing in office through 1967 are:

Vice-President for Education Affairs: D. Max Beard
Vice-President for Instrumentation and High-Speed Affairs: William G. Hyzer
Vice-President for Motion-Picture Affairs: Richard J. Goldberg
Vice-President for Photo-Science Affairs: J. S. Courtney-Pratt
Vice-President for Television Affairs: Richard S. O'Brien

Those elected by their respective Regions to serve on the Board of Governors for the next two years are:

Eastern Region: Kenneth M. Mason, Arthur J. Miller
Central Region: William D. Hedden (re-elected), Hans C. Wohlrab
Western Region: Robert G. Hufford, Herbert E. Farmer
Canadian Region: Gerald G. Graham

Governors continuing in office through 1967 are:

Eastern Region: C. Russell Dupree, Garland C. Misener, Edward A. Winkler
Central Region: Robert A. Colburn
Western Region: Jack P. Hall, Edward H. Reichard

Society elections are conducted by mail ballot. Results of the present election were announced at the 100th Technical Conference in Los Angeles.

The United States of America Standards Institute (USASI) was established August 31 as the successor to the American Standards Association (ASA), according to an announcement by Harry E. Chesebrough, former President of ASA and first USASI President. The organization's headquarters remain at 10 East 40 St., New York, N.Y. 10016. Donald L. Payton, formerly General Manager for Government Relations of the U.S. Chamber of Commerce is USASI Managing Director. He is presently engaged in completing transitional details to convert the operation to satisfy requirements of the new Constitution and Bylaws. It is expected that this will be accomplished by January 1967. Purpose of the changeover is to "expand the program and accelerate the output of voluntary national standards serving the entire economy," Mr. Chesebrough said. Standards approved by the new Institute will be designated USA Standards. This designation will also apply to all previously approved American Standards. Major objectives of the Institute include broader participation by all interested groups, including departments and agencies of the Federal Government, increased representation and leadership in the international standards programs, and emphasis on consumer interests. The Institute is comprised of three councils, the Member Body Council, Consumer Council and Company Member Council. Consumer representatives and company representatives can recommend standard projects and can request review or approval of any standard.

Beckman & Whitley Wins SMPTE Exhibit Award



At the 99th SMPTE Conference last spring at the Sheraton Park Hotel, Washington, D.C., the Exhibit Award was won by Beckman & Whitley, Inc., 441 Whisman Rd., Mountain View, Calif., for an outstanding display built around their CM16 sound camera. Because of its compactness and light weight this 16mm professional sound camera is designed primarily for news shots and locations where extreme mobility is required.

The Exhibit Award is given to a display selected by the Exhibit Award Committee as being superior in terms of general concept, appearance and effectiveness. In the picture above (left), R. M. Betty, Chairman of the SMPTE San Francisco Section, makes the presentation to Donald L. Tucker, Marketing Manager, Cine Products. Mr. Tucker was the supervisor of the award-winning display.

The Washington Chapter of the Society of Photographic Scientists and Engineers (SPSE) has announced programs scheduled through June 1967 for its monthly meetings. Except for field trips, meetings are normally held on the second Monday of every month, except July and August, at the National Academy of Sciences, 2101 Constitution Ave., N.W., Washington, D.C. Members of other professional societies and all interested persons are invited to attend.

Among papers to be presented at the meetings are: in December, "Satellite Triangulation vs Conventional" by Hellmut Schmid; January, "Satellites Can Help Us All" by Peter C. Badgley; February, "Automatic Recognition" by Norman Altman; March, "National Bureau of Standards Field Trip" C. S. McCamy; April, "Store-Retrieve Volumes in 3-D" by Arthur Carson; May, "Underwater Photography" Gomer T. McNeil. The Chapter's annual Banquet will be held in June.

Further information is available from: Donald C. Surles, Program Vice-President, 3020 Cedarwood Lane, Falls Church, Va. 22042.

The Society of Photographic Scientists and Engineers will hold a two-day tutorial seminar for engineers and senior technicians, December 1-2, at the Holiday Inn in Newton, Mass. The program is intended for persons whose work requires at least occasional use of photooptics. Ten topics will be covered including Introduction to Photographic Systems; Photographic Sensitivity; Photographic Sensitometry; Photographic Lenses; Use and Measurement of Lenses; Data Projection - Light Source and Optics; Film and Paper Processing



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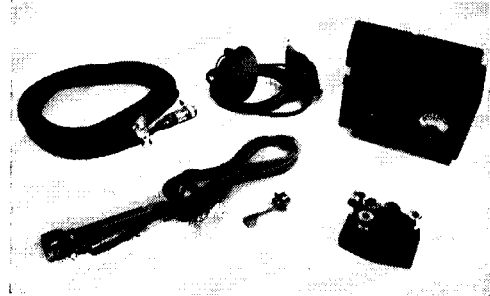
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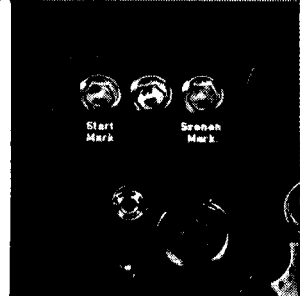
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From galley proofs: A book, *Television Film Engineering* by Rodger J. Ross, is soon due from John Wiley & Sons, 605 Third Ave., New York, N.Y. 10016. The affinity of the subject, the author, the publisher and SMPTE is the basis for an early look at the book in galley form.

The book's main purpose, as set forth by the author in the Preface, is to provide the basic information needed to utilize the film process most effectively and efficiently as a television programing medium.

The book should prove an important one in terms of the subject matter and timeliness. The author's particular approach to the subject results from studies carried on during the last 10 years.

The book is divided into three parts: Part I, Motion Picture and Television Principles and Practices; Part II, Measurement and Control of the Image-Forming Process; and Part III, Linking the Motion-Picture Process With the Television System. Sections under Part I include Outline of the Motion-Picture Process; Outline of the Television System; and Film Use in Television Broadcasting. Part II includes discussions on Sensitometry; Characteristics of Film Materials; Film Speed and Exposure Control; and Control of Film Processing. Under Part III are sections on Review Room for Television Film; Setting up a Standard Film Process; Film Sound; Television Recording on Film; and Color Film and Color Television. The book has three Appendixes: Motion Picture Standards; SMPTE Recommended Practices; and SMPTE Test Films and Slides.

The author, Rodger J. Ross, is Supervisor of Technical Film Operations of the Canadian Broadcasting Corp. He has been an active member of the Society for many years and, as he points out in the Preface, the theme of the book was suggested when "At a meeting of the Canadian Section of the Society of Motion Picture and Television Engineers in Montreal in September 1957, it was proposed that the film process should be considered as an extension of the television transmission system . . ." At that time an investigation was launched and the results of the investigation were presented in a three-part paper "An Engineering Approach to Television Film" by Mr. Ross, Harold Wright and L. J. Murch, in the November 1959 issue of the *Journal*. Mr. Ross is the author of a number of scientific papers and among papers related to the subject matter of this book, *Television Film Engineering*, are "Film in Television" (*Journal*, June 1958) and "Exposure Control in Television Film Recording" (*Journal*, September 1960).

The Autumn School in the Application of High-Speed Photography sponsored by the British National Committee of the Association for High-Speed Photography was held September 26 at Queen Mary College in London, according to an announcement from George H. Lunn, Secretary, 57 Whitewind Road, Tadley, Basingstoke, Hants,

Great Britain. Papers presented by internationally known specialists on high-speed photography and representatives of firms which produce equipments for high-speed applications covered such topics as: The Equipment Available: Its Scope and Shortcomings; Lighting the Subject; Optical Methods of Flow Visualization; A New Laser Unit; "High-Speed Film Marking With Solid State Lamps; Analysis; High-Speed Photography in Ballistics and Explosives Research; High-Speed Impact Phenomena With Liquids and Solids; and High-Speed Photography of Magnetically Propelled Arcs.

A detailed report on the Autumn School will appear in a forthcoming issue of the *Journal*.

The Institution of Radio and Electronics Engineers Australia will hold its annual convention May 22-26, 1967, at the Qantas Wentworth Hotel in Sydney. General topics of papers to be presented include: Basic Sciences and Techniques; Industry and Industrial Electronics; Communications; Electronic Systems; Computers and Data Processing; Instrumentation; Materials, Components and Production Processes; Bio-Medical Electronics; and Professional Activities. Further information is available from The General Secretary, The Institution of Radio and Electronics Engineers Australia, Box 3120 GPO, Sydney, N.S.W., Australia.

Concern for continuing engineering education is the subject of a meeting organized by the Continuing Engineering Studies (CES) Division of the American Society for Engineering Education (ASEE) and to be held December 12-13 at the Sheraton-Chicago Hotel in Chicago. General Chairman of the meeting is J. O. Luck, Head of Education and Training, Bell Telephone Laboratories. Mr. Luck is Chairman of the organization's CES division. Prof. Israel Katz of Northeastern University is Planning Committee Chairman. The two-day program will include two general sessions and workshops. Papers to be presented at the two general sessions will include "Program Design" by R. R. O'Neill; "Continuing Engineering Studies in Professional Development" by Ira Dyer; "Instructors" by Richard A. Mumma; "Institutional Commitments" by Charles E. Schaffner; "In-Plant Course" by Christian Westphalen; "Relationship of Continuing Engineering Studies to Undergraduate and Graduate Education" by Buford D. Smith; and "Bridging the Gap Between Education and Practice" by Dean E. Griffith.

Further information is available from J. W. Hostetter, Associate Dean of Students, Polytechnic Institute of Brooklyn, Brooklyn, N.Y. 11201.

The Committee on Theater, Television and Film Lighting of the Illuminating Engineering Society held its first technical forum November 7 in Chicago. A second forum will be held March 16, 1967, at the United Engineering Center in New York. Theme of the first forum was Scenic Design and Its Relationship to Theatre, Television and Film Lighting. Discussions at the second forum will be on the subject of How to Designate Gray Scale Equivalents for Color

Used in Color Television. Also, the committee will hold a third annual symposium May 14-16 in Hollywood. Purpose of the 100-member committee is to provide technical data on all lighting requirements for theater, television and motion pictures.

The International Microwave Power Institute (IMPI) is a new organization for the exchange of information on the applications of microwave power for industrial processes. The new group, with headquarters at 1744 West Broadway, Vancouver, British Columbia, was incorporated in Canada last July, following a symposium on the subject of industrial applications of microwave energy held at the University of Alberta, Edmonton, Alberta, Canada. The Institute plans its next annual symposium at Stanford University, Palo Alto, Calif., March 29-31, 1967. Among other activities, the newly formed group plans an information program to broaden the awareness of microwave power applications among all process industries.

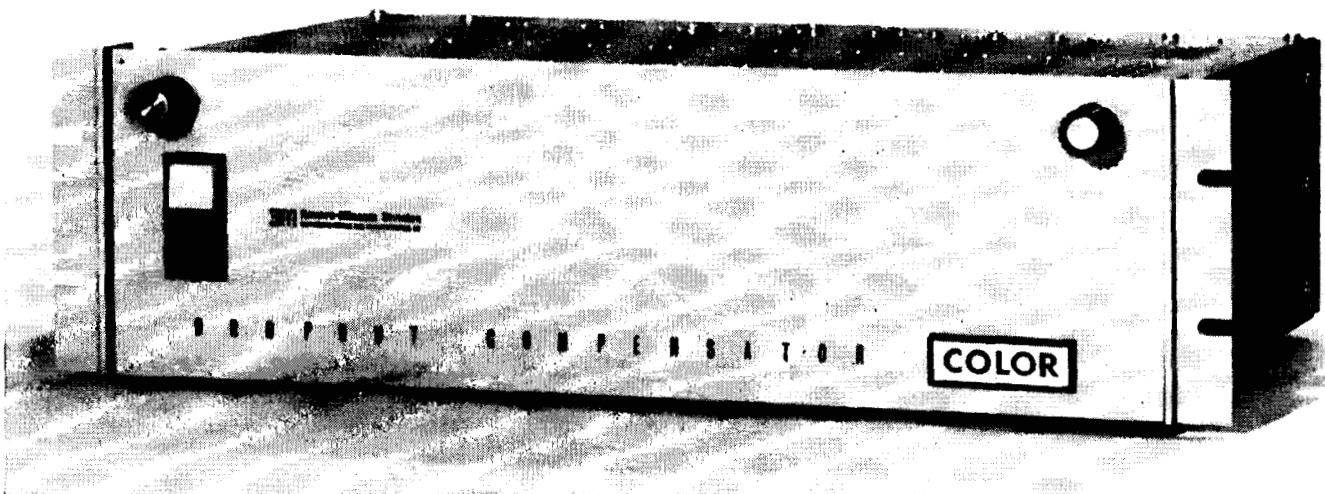
The Columbus Film Council of Columbus, Ohio, held its annual Chris Awards Banquet October 7 as part of the 14th Annual Columbus Film Festival. Chris (Christopher Columbus) statuettes were awarded 12 films in six categories. Categories included Business and Industry; Education - Information; Health - Mental Health (3 awards); Religion (2 awards); Travel (2); and Special Fields (3). Guest speaker at the Chris Awards Banquet was Wilbert H. Pearson, Chief of the International Communications Media Staff of the U.S. Information Agency. The Columbus Film Council was founded in 1952 by persons interested in promoting the use of 16mm sound motion pictures.

More than 300 nontheatrical films produced in the United States were selected by CINE for competition in more than 60 international film festivals held in 1966. CINE awards and international prizes won during 1966 will be presented to producers and sponsors November 18 during ceremonies in Washington, D.C. Further information about award-winning films and CINE activities is available from CINE, 1201 Sixteenth St., N.W., Washington, D.C. 20036.

The 1967 American Film Festival sponsored by Educational Film Library Association, 250 W. 57 St., New York, N.Y. 10019, will be held May 10-13 at the Biltmore Hotel in New York. Blue Ribbon Award juries will honor outstanding non-theatrical films. All 16mm films and 35mm filmstrips released for general distribution in the United States during the calendar year 1966 are eligible for the 1967 festival. The films and filmstrips are grouped in 34 subject-area competition categories.

Raymond Fielding is the newly elected president of the University Film Producers Association, an organization composed of professors and producers of motion pictures at American universities and colleges. His two-year term of office begins January 1, 1967. Dr. Fielding is Associate Professor of Film at the University of Iowa, Iowa City,

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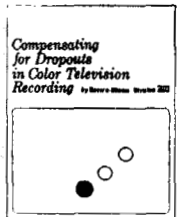


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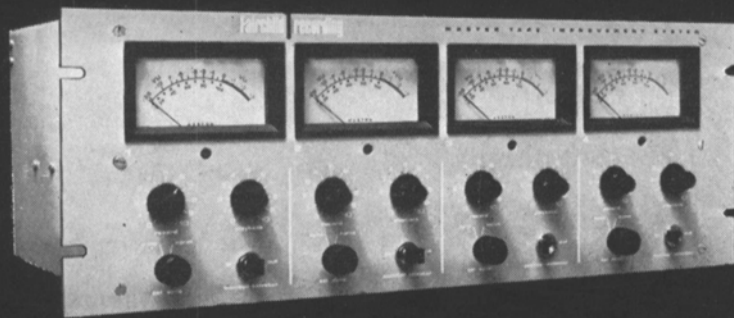


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Iowa. Prior to his appointment in Iowa in 1966, he was Associate Professor at the University of California, Los Angeles where he taught for eight years. He also worked professionally in the Los Angeles motion-picture industry for ten years as cameraman, editor, writer and director. He is the author of two books, *The Technique of Special Effect Cinematography* and *A Technological History of Motion Pictures and Television*, and of numerous articles on motion-picture history and technology.

Newly elected officers of Educational Film Library Association, 250 W. 57 St., New York, N.Y. are: President, James L. Limbacher, Audio-Visual Librarian of the Dearborn Public Library; Vice-President, William J. Speed, Audio-Visual Director of the Los Angeles Public Library; and Secretary, Carolyn Guss, Professor of Education at Indiana University. Elected to the EFLA Board of Directors were Mr. Limbacher, Dr. Guss and Leonie Brandon, Audio-Visual Director of the New Haven Public Schools.

The Ford Foundation (headquarters, 477 Madison Ave., New York, N.Y. 10022) has allotted \$16 million for the support of non-commercial television. Of this sum, \$10 million has been set aside to continue through 1968 a series of matching grants begun last year for community-supported educational television stations and \$6 million will go to the Educational Television and Radio Center (NET) for its informational, cultural and educational program service to 112 noncommercial stations across the country. Describing the grants as "at best stopgaps," a Ford Foundation spokesman revealed that statements have been filed with the FCC suggesting development of a nonprofit communications satellite system that could link noncommercial stations and provide transmission of programs free of charge.

Optical Forum, a new educational facility has been established by 3M Company, 2501 Hudson Rd., St. Paul, Minn. 55119, at its Wollensak Optical Products plant in Rochester, N.Y., it was recently announced. Described as "the only educational center of its kind in the photoinstrumentation and optics industries," the Optical Forum is intended as an education and planning center for the optical industry. Manager of the new operation is Fred M. Emens, a veteran of 26 years in the optical industry, 20 of them with Wollensak.

The use of laser beams in space communications is being studied by Sylvania Electric Products, Inc., 730 Third Ave., New York N.Y. 10017, in a series of experiments expected to determine exactly how the atmosphere may affect laser communications to and from outer space. The experiments are being conducted for NASA. The studies involve transmission of laser signals over a one-mile path between two buildings to study the effects of atmospheric interference on the reception of messages. An optical receiver, designed and built by Sylvania for NASA is believed to be capable of tracking satellites and receiving messages transmitted from space. The receiver equipment in-

cludes a laser which amplifies the desired optical signals and filters out light from other sources such as the sun and stars. This technique, called superheterodyning, enables the receiver to distinguish laser signals from other light waves in the atmosphere. Laser beams can be aimed accurately over millions of miles and have a high data-carrying capacity. A wideband modulating device being developed by Sylvania for NASA under another contract is expected to increase the speed of message transmission up to 12 million times over radio-wave space communications systems.

A reminder on the use of aerial lenses made of rare-element, radioactive glass now available as World War II surplus has been issued by Eastman Kodak Company. The reminder calls attention to the fact that the lenses were designed for aerial reconnaissance photography and were not intended for such applications as space-watch photography or missile tracking. The glasses are made of compounds of such elements as tantalum, zirconium and thorium, which is a radioactive substance. The lenses are harmless to human beings when used as intended, but storage and use of these glasses is subject to controls at Federal and State levels. In ordinary photographic practice use of lenses made with rare-element glasses is seldom limited because of radioactivity. However, specialized kinds of photography, such as space-watch, require special considerations, the Kodak reminder states. Manufacture of rare-element lenses by Kodak and others has continued since about 1940.

An acoustical door of metal panel and limp septum construction developed by Overly Manufacturing Co., 574 W. Otterman St., Greensburg, Pa. 15602, has been granted a U.S. Patent. Key to the door's sound-attenuating performance is the septum, which may be comprised of one or more foam-backed lead vinyl sheets. A corollary feature is porous acoustical material which fills spaces between panels, stiffeners and septum sheets. Doors of this design may be fabricated to perform to Standard Transmission Class ratings from 42 to 62 dB. The patent was awarded to H. W. Wehe, Jr., Overly Executive Vice-President, who developed the limp septum concept.

A mobile television van designed by WNDT (Channel 13) in New York is under construction by Rosner Television Systems, Inc., 120 E. 56 St., New York, N.Y. 10022, according to terms of a recently signed contract. The van is scheduled for delivery in April 1967. The facilities in the van will include four black-and-white 4½-in. image-orthicon cameras; two video-tape machines; audio/video mixing and a production control center. Facilities for future broadcasts in color are also provided. The van is said to be the first complete mobile production unit to be owned and operated in the New York City area by an educational broadcaster. WNDT is the VHF outlet in New York for the Educational Broadcasting Corp.

Graflex, Inc., a subsidiary of General Precision Equipment Corp., Rochester, N.Y.

14603, has acquired Visual Programming, Inc. (VPI), a producer of programmed learning courses and related equipment. VPI is located in New York. It will be operated as a part of Graflex and Japp Penraat, founder and president of VPI, will continue to head its operations. VPI entered the training field in 1958 with capabilities for developing programmed learning courses and designing and manufacturing related equipment with the emphasis on programmed learning courses for industrial firms.

Menell Associates, Inc., is a newly formed organization specializing in communications design and audio-visual methods and equipments. President of the new firm is Jerome Menell. Mr. Menell continues as President of Jerome Menell Co., 30 E. 42 St., New York, N.Y. 10017, a firm he founded in 1959 for the sale rental and service of audio-visual products. Vice-President of the new firm is John W. Weikert.

Visual Electronics Corp. has opened a new Southeastern Regional Office in Atlanta, it was recently announced. Address of the new office is: Visual Electronics Corp., Southeastern Regional Office, 4246 Peachtree Road, Atlanta, Ga. 30319.

Gordon Enterprises, North Hollywood, Calif., has been franchised by Sony Corp. of America for sales and rental of the Sony Series 2000 Video Tape Recorder. The 2000 (priced at \$995) is a complete video-tape recording system, including the monitor.

Arri-mounted Angenieux Varifocal lenses are now engraved at the Arnold & Richter factory with the Arriflex trademark, it was announced by Arriflex Corp. of America, P.O. Box 1050, Woodside, N.Y. 11377. Purpose of the engraved trademark is to provide the purchaser with a quick and easy means of identifying factory-approved Arri mounted lenses. All 17.5-70mm, 12-120mm, 12-240mm and the new 9.5-95mm Angenieux zoom lenses are now trademark engraved for positive identification.

Cine-Focus is now a registered trademark of Century Projector Corp., 729 Seventh Ave., New York, N.Y. 10019, covering a film stabilizing system developed by the firm and incorporated in projectors for 35mm and 70mm films, according to a recent announcement issued by the firm. The announcement quotes a portion of the patent application: "It is claimed by the manufacturer that the improved theatre projection when using Cine-Focus has been observed and adopted by the largest American theatre circuits; it is also claimed that Cine-Focus will control film flutter, if not entirely eliminate it, on even the most buckled black-and-white or color prints.

Sidney P. Solow, President of Consolidated Film Industries, 959 Seward St., Hollywood, Calif. 90038, has started his nineteenth year of teaching at the University of Southern California, Department of Cinema. Mr. Solow attained the rank of full professor last fall. He has been teaching Photographic Theory and Motion Picture Processing and History continuously since the fall of 1947.

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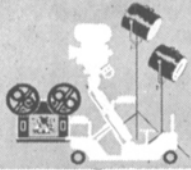
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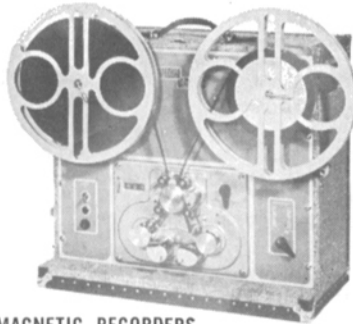
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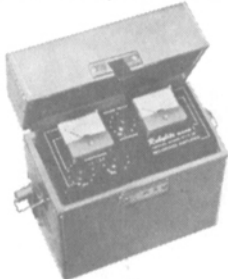


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Charles W. Seager has been appointed Manager of Government Services for General Aniline & Film Corporation's Photo & Repro Division, 140 W. 51 St., New York, N.Y. 10020. He succeeds Thomas R. Griffith who will retire on December 1. Mr Seager has been with the firm since 1946 and has held various executive and sales positions.

Two new appointments have been announced by D. B. Milliken Co., 131 North Fifth Ave., Arcadia, Calif. 91006. Dudley A. Warner has been appointed Field Engineer and Robert G. Parks has been appointed Chief Electronics Engineer. In his new post Mr. Warner will have responsibility for customer service and sale of the company's recently developed DBM-64A video film recording camera. Mr. Warner was formerly with Traid Corp. where he served as Sales Engineer and Technical Administrator. Mr. Parks was formerly with the Conrac Div., Giannini Controls Corp., where he was Engineering Manager of the Alpha Numeric Display Group. In his new post he will be responsible for electronic circuitry and packaging of Milliken photoinstrumentation equipment including the DBM-64A.

Three staff appointments have been announced by Bill Stokes, President of Bill Stokes Associates, Inc., an audio-visual production firm located at 5527 Dyer St., Dallas, Tex. John B. Beasley has been appointed Vice-President-Producer. Robert P. Boyce has been appointed Art Director and Marshall Riggan has been appointed Writer-Director. Mr. Beasley was formerly Animation Director for Ling-Temco-Vought, Inc. Mr. Boyce was previously associated with Dallas and Lubbock (Tex.) advertising agencies and Mr. Riggan was previously associated with General Dynamics Corp. in Fort Worth.

E. A. Bowen has been appointed Applications Manager, Arc Carbon Products, Carbon Products Div., Union Carbide Corp., 270 Park Ave., New York, N.Y. 10017. He has been with Carbon Products Div. since 1952 and has held a number of managerial positions within the division.

John O'Malley has been appointed Processing Department Manager for Geo. W. Colburn Laboratory, Inc., 164 N. Wacker Dr., Chicago, Ill. 60606. In addition to his scheduling and operational responsibilities, Mr. O'Malley will be actively engaged in the training of Processing Department personnel. Mr. O'Malley joined the Colburn organization as a laboratory technician in 1960. He was previously with Eastman Kodak in the Quality Control and Processing Departments.

Harold P. Bolton has been appointed Deputy Project Manager for the Photographic Services Contract with NASA by Technicolor Corp. of America, Florida Operations, P.O. Box 21026, Kennedy Space Center, Fla. 32815. Prior to this appointment Mr. Bolton was Laboratory Manager for Technicolor.