

A National Educational Technology Program

The Canadian Government has established an Educational Technology Program for the purpose of assisting federal and provincial education authorities to tackle the problems involved in effectively applying new technologies to education needs. The Director General of the Program is John deMercado. Gerald G. Graham, who is Director of Planning and Research for the National Film Board of Canada, is on loan on a part-time basis as Acting Director of Planning and Design.

The aim of the Educational Technology Program is to help educators at all levels and in all fields to realize the maximum benefits for the educational process from new technology by (1) identifying user needs; (2) providing information, technical advice and assistance; (3) developing systems plans; (4) evaluating technology; (5) determining common requirements and communications facilities; (6) assessing available resources and industrial capabilities; (7) coordinating regional systems, development of technology and resources; and (8) recommending new technology standards and research.

The management and operation of the Pro-

gram is the responsibility of the Educational Technology Branch of the Department of Communications. Program work is carried out by teams of engineers, educators, analysts, communication experts and computer specialists. The Branch is organized to provide a capability for the evaluation, planning and design of systems and programs for such activities as (1) the use of computers in education; (2) audio-visual equipment and systems; (3) information systems; (4) information delivery systems; (5) simulation programs; (6) industrial development; (7) incentive programs; and (8) standardization and evaluation.

Currently a number of study projects and programs related to the objectives of the Program are underway, including the Educational Technology Program for the Province of Nova Scotia; a program for the sharing of computer resources in the Atlantic universities; a program for the incorporation of computer-managed instruction in manpower training; the Carleton University educational network simulation program; and the National Film Board Evaluation Program for educational audio-visual equipment.

A paper on the Educational Technology Program will be presented by Dr. deMercado at the Society's forthcoming Conference to be held 10-15 November in Toronto.

CINE (Council on International Nontheatrical Events), 1201 Sixteenth St., N.W., Washington, DC 20036, has announced that five American films have received awards at June film festivals abroad. *Portrait of a Railroad* won the Grand Prix Golden Mercury trophy at the Venice Festival in competition with 70

other productions entered from 14 countries. The film was produced by Francis Thompson Inc. for Burlington Northern Railroad of St. Paul, Minn., and directed by Harvey Lloyd. Other prize winners are: *Hybrid Vigor: Key to Abundance*, produced by Joe Munroe-Photography, winner of the Gold Medal of the Agricultural film category at the Venice Festival; *The Knight Fell Softly*, a cartoon produced by Eric Goldberg, winner of both the Best Youth Trophy and Best Animation Trophy at the Canadian International Amateur Film Festival; *A Field of Honor*, produced, directed and written by Robert Zemeckis, a student in the Division of Cinema at the University of Southern California, winner of the Commendation for Excellence in Production at the Canadian Festival. Also at the Canadian Festival *Jerald Silva: A Painter*, produced by John Krisik of K R Productions, received the Best Documentary Film Trophy.

Expo '75 to be held in Okinawa, Japan, 20 July 1975 through 18 January 1976 will have as its theme The Sea We Would Like to See. Various exhibits and programs will depict the relationship between man and the sea and will stress the importance of the sea for man's future. The 247-acre exposition site is on the Motobu Peninsula jutting into the East China Sea. It will contain four main clusters of buildings covering the subjects of Ethnology and History; Fish; Science and Technology; and Ships.

An especially interesting exhibit will be the Hitachi Marine Library constructed by the Hitachi group of enterprises. The Marine Library will contain an audio-visual center on



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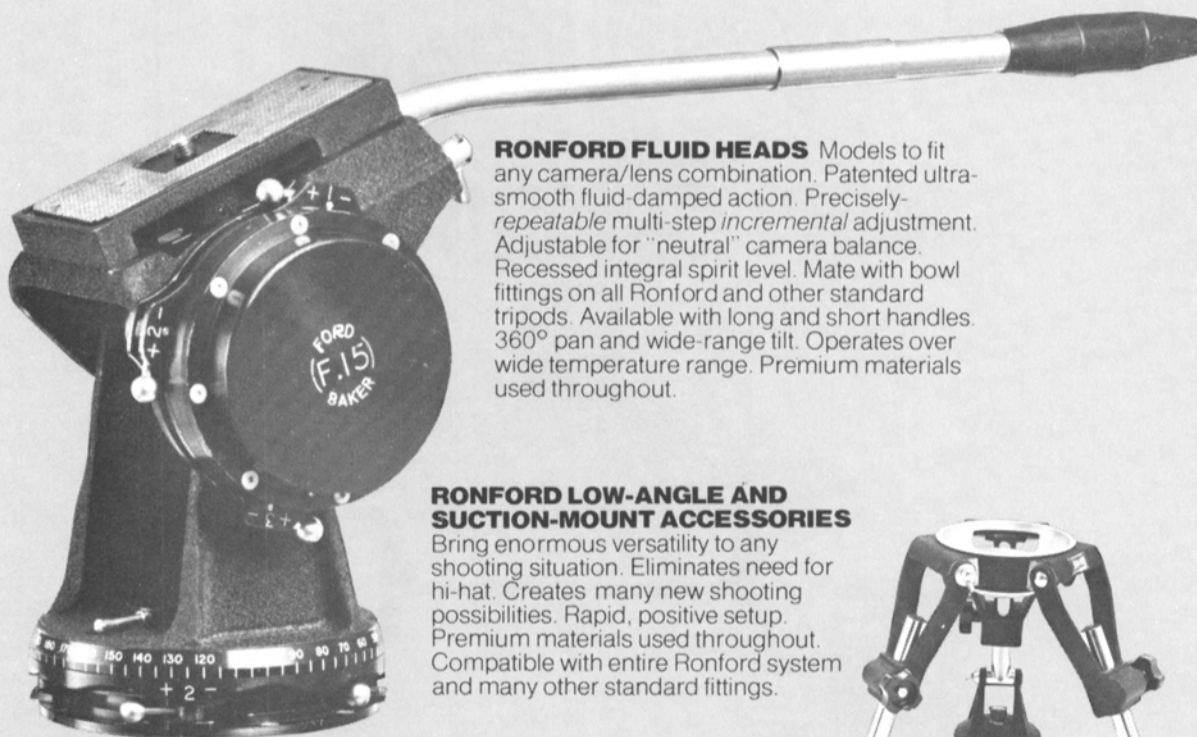
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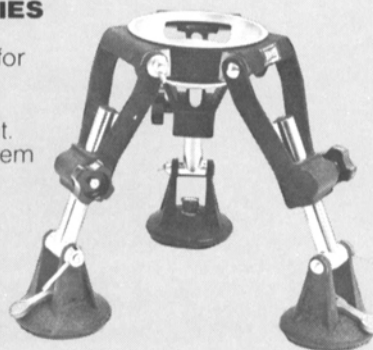
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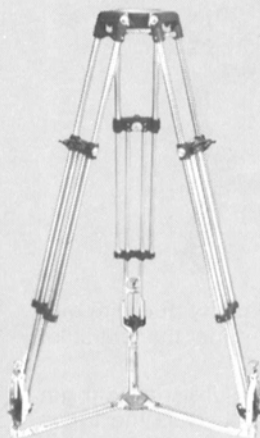
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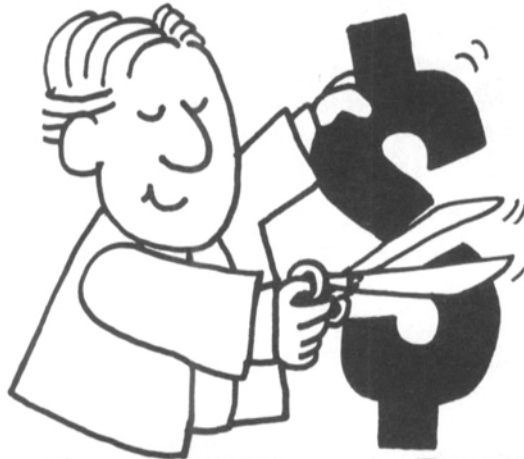


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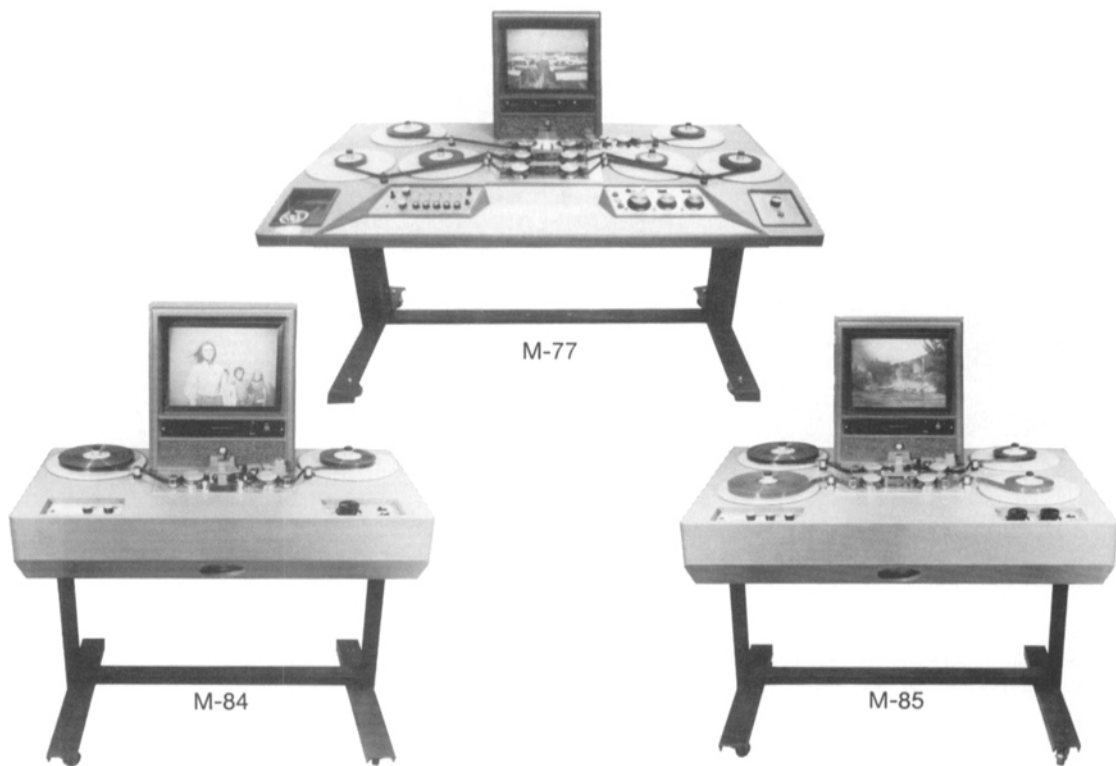
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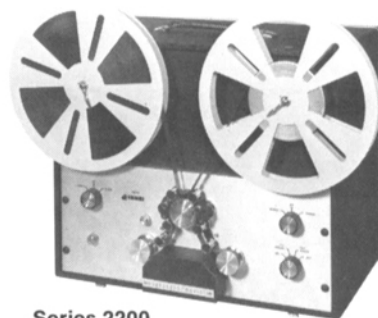
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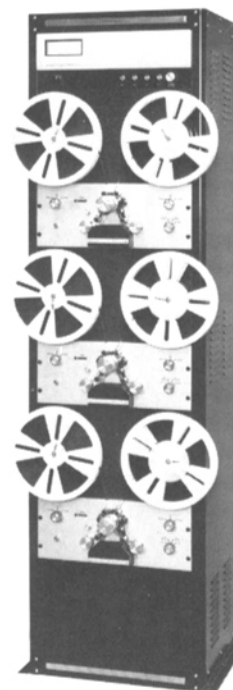
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the culture, natural history and myths of the sea. By simply pushing a button a spectator will be able to select any one of 40 different audio-visual programs on the sea. The overall subject matter will be grouped into four major categories:

(1) The Sea and the Earth. This category will use special photographic effects and multiple animation techniques to answer questions on geophysics such as "How was the Earth Created?," "What would the earth be like if there were no water in the sea?," "Are the continents really moving?"

(2) The Sea and Life. This category probes the secrets of the oceans and the origin of life through a study of unusual living things in the sea.

(3) The Sea and Mankind. How, when and

where did man's relation with the sea begin? An historical overview begins with man's activities in the Aegean Sea and covers the voyages of the Vikings and the Polynesians and the great age of discoveries by seafaring explorers.

(4) The Romance of the Sea. The romance is shown in colors, as seen through the eyes of Gauguin who spent his last days on the island of Tahiti, and the sea as described by Robert Louis Stevenson in Samoa or as experienced by the young men who sailed across the Pacific in rafts or boats.

The Marine Library will be housed in Hitachi's two-story pavilion with a total floor space of some 11,500 ft² on a 22,400 ft² site in the center of a cluster of pavilions on ethnology and history.

Cisco, an international fair for exhibiting motion-picture production equipment and services as well as equipment for cinemas, theaters and convention halls, will be held 13-18 June 1975 in Paris, France. One of the main features of the fair will be the Cisco study sessions organized under the aegis and with the collaboration of UNIATEC (Union Internationale des Associations Techniques Cinématographiques) and CST (Commission Supérieure Technique du Cinéma Français). Two main themes will be studied — present and future methods for the operation of motion-picture theaters; and present and future developments in technique and resulting influences on production methods. Further information is available in the United States from Mr. John Nathan, 250 W. 57 St., Suite 1103, New York, NY 10019; in France from M. Jacques Gibout at the Commissariat General, 3 rue Garnier, 92200 Neuilly, France; and in Great Britain from Mr. Rodney Buckle, 25 Berkeley House, 15 Hay Hill, London, W1, England.

The American Film Institute, John F. Kennedy Center for the Performing Arts, Washington, DC 20566, has established a pilot program aimed at giving women greater opportunities in directing feature films, it was announced by George Stevens, Jr., Director and Chief Executive Officer of AFI. The program will begin in the fall with a workshop for professional women at the AFI's Center for Advanced Film Studies in Beverly Hills. The program's objective is to help women already accomplished in other areas of film to get the training needed to make the further step to the direction of feature films and television. "The recognition of women directors is long overdue," the announcement stated.

The Third Tehran International Film Festival, organized by the Iranian Ministry of Culture and Arts, will be held 24 November-5 December in Tehran, Iran. A highlight of the festival will be the Film Market which was organized for the purpose of "facilitating the exchange and distribution of films in the different territories of the world." Events of the Festival will include an International Competition for feature films and shorts; showings of some of the best films introduced in other international film festivals; a program called A Panorama of Cinema in Asia; a comprehensive review of the new Iranian cinema; and retrospective showings organized as tributes to some of the important filmmakers of the past and also to those alive today. Further information is available from Hagir Daryousn, Secretary-General, Third Tehran International Film Festival, Ministry of Culture and Arts, Tehran, Iran.

The Corporation for Public Broadcasting, 888 Sixteenth St., N.W., Washington, DC 20006, has established a Committee on New Technology, it was announced by James R. Killian, Jr., Chairman of the Board. The committee will be involved in research and development activities in "satellites, cable and other technological requirements in electronics and new materials," Dr. Killian said. Neal B. Freeman, Vice-President of King Features Syndicate in New York City, is Chairman of the new committee.

The Hope Reports 1974 Quarterly for the first quarter of 1974, published by Hope Reports,

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919 S. Winton Rd., Rochester, NY 14618, shows that the audio-visual communication industry had domestic sales estimated at \$395 million, an increase of 5% over the first quarter of 1973. Export sales, still preliminary, are expected to add another \$35 million bringing the total sales to an estimated \$430 million, i.e. 6% better than a year ago. The product scoring the biggest gain in the first quarter was the silent super-8 projector which jumped 43% over the first quarter in 1973. The report for the first quarter of 1974 contains 12 tables and 31 graphs and figures. Other features in the report are the profit margins of 75 companies in six groups and a review of the significant developments of the past six months. The basic annual report, *Hope Reports AV-USA 1973-74*, will be released in the fall.

The Camera Craftsman, a technical bimonthly magazine for camera technicians and others interested in photographic equipment, is published by National Camera, 2000 West Union Ave., Englewood, CO 80110. Sample copies of the July/August and September/October issues are available upon request as long as the supplies last. The July/August issue contains a detailed study on the Olympus OM-1, information about photo products of Russia and China and other information related to photography. The September/October issue is devoted to lenses and optics.

Reliance Audio Visual Corp., 619 W. 54 St., New York, NY 10019, has announced the availability of a new 40-page Rental Catalog, an updated version of the firm's listing of

rental equipment. The new catalog lists such equipment as projectors, lenses, screens, audio and video equipment, and display aids.

TM (Technical Messages), a Swedish-language magazine covering the motion-picture, television and audio-visual industries in Sweden, Denmark, Norway and Finland, is published five times a year by the Swedish Film Institute, Box 27126, S-102 52, Stockholm, Sweden. A copy is available upon request. The magazine accepts advertising but has been distributed free since 1968. Its aim is to function as a technical news service and also to provide critical analyses of new equipment and methods. The magazine contains a number of illustrations. The Editor-in-Chief is Lars Swanberg.

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The Miranda-Bauer Camera Grant program in the fields of exploration, historical research and medical research has been established by AIC Photo, Inc., 168 Glen Cove Rd. Carle Place, NY 11514. The grants will take the form of still and/or motion-picture equipment, lenses and accessories which the applicant requires to complete or make a photographic record of his endeavors. The most important requirement, according to the announcement, is that the undertaking advance human knowledge. Applications have been received by AIC from a number of sources and are being evaluated.

New sound stages at Goldwyn studios are being designed to replace those destroyed in the 6th of May fire at the studio. Milton Forman, a leading expert in the design and installation of advanced motion-picture stages, has been appointed special consultant, it was announced by Jack Foreman, General Manager of Samuel Goldwyn Studios.

Milton Forman is the author of *Motion Picture and Television Studio Stage Survey*, a study of sound stage design and lighting practices employed throughout the world in modern production facilities. The study, published in 1970, was sponsored by the Motion Picture and Television Research Center in Los Angeles. Wilton R. Holm, Director of the Research Center was Chairman of the Survey Committee.

The new sound stages will incorporate the most advanced technology in filmmaking, Mr. Forman said.



The 1974 Queen's Award to Industry was presented to John Hadland (PI) Ltd. for technological innovation in producing and marketing the Imacon Camera. Development of the camera began at AWRE Aldermaston in the Applied Physics Div. under the control of Alec Houston who later joined John Hadland at Bovingdon to engineer a commercial instrument. The camera is capable of taking several hundred pictures per microsecond. The offi-

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cial presentation of the award was made by Her Majesty's Lord Lieutenant of the County of Hertfordshire, Major General Sir L. A. G. Burns on 19 July 1974. In the preceding photograph the General is shown conversing with John Hadland and Alec Houston.

Hotline (212 489-8800), a free service for producers, cameramen and editors who have questions or problems concerned with scheduling, budgets or technical matters, has been established at Precision Film Laboratories, Inc., 630 Ninth Ave., New York, NY 10036. Experts man Hotline giving on-the-spot answers to any film-related questions. If an answer is not immediately available the caller will receive the information as soon as possi-

ble. Announcement was made by Precision President Burton Stone who said that a close record would be made of questions with the new Hotline service for the purpose of compiling a report to the industry at some later date.

A television information retrieval system and two data display systems to present environmental statistics have been installed at Expo '74, the World's Fair at Spokane, Wash., by TeleMation's Government Sales Div. at Beltsville, Md., working with the U.S. Department of Commerce, it was announced by TeleMation, Inc., P.O. Box 15068, Salt Lake City, UT 84115. The retrieval system has remote access from four video stations within the U.S. Pavilion where any visitor may select one

of five 15-min videocassette programs on environment and view it on a color monitor mounted within the selection panel. The two data display systems are in continuous operation throughout the day. One system exhibits statistics on current pollution levels recorded onto videocassettes with the use of a TeleMation Character Generator. The second system presents a videocassette program of the Birmingham Air Inversion Crisis of 1971. The program explains the action taken by the Environmental Protection Agency following a test conducted to determine the negative effects on humans during the crisis.

Wide Range Electronics (WRE), 2119 Schuetz Rd., St. Louis, MO 63141, has acquired the J. A. Maurer line of optical galvanometers and optical recorders, according to a recent announcement. WRE will continue to manufacture the complete optical recording line including the Model F-Prime and H Galvos and will supply spare parts to Maurer customers. The firm manufactures magnetic film recording equipment including high-speed super-8 transfer systems. All solid state optical recording electronics compatible with Maurer galvanometers have been manufactured for several years by WRE. Plans are to integrate such units into a completely new optical recording system with both 16mm and 35mm formats made available.

Gotham Audio Corp., 741 Washington St., New York, NY 10014, has announced that it represents the Magnetophon professional tape recorders manufactured by AEG-Telefunken of Germany. The Gotham announcement included some interesting historical information: "In 1940 Eduard Schueller at AEG invented tape recording as we know it today incorporating his famous high-frequency bias patent. It was the Magnetophon brought back after World War II by John Mullin which led to the development of the first Ampex machine; and Col. R. H. Ranger based his Rangertone machine on yet another Magnetophon from Germany."

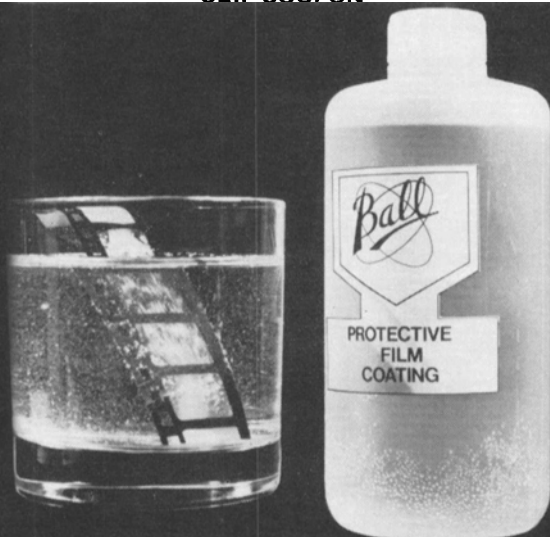
The Magnetophon Model M-12, latest in the series, is a rack-mounted recorder with many options including a self-contained four-input slide fader mixer with powering for Neumann Phantom Powered® microphones.

Century Projector Corp. has enlarged its factory floor space and has moved its executive and sales offices to 32-02 Queens Blvd., Long Island City, NY 11101. The firm's executive and sales offices were formerly located at 165 W. 46 St. in New York City. Century has also installed new machinery and other improvements in the Long Island City facilities.

Tokyo Laboratory Ltd., 2-13, Fujimicho Chofu, Tokyo, 182 Japan, is a new associate laboratory of DeLuxe General Inc., 1546 N. Argyle Ave., Hollywood, CA 90028, it was announced by Robert T. Kreiman, President. The new laboratory was established to assist producers working in the Orient as part of a program of world-wide associate laboratories initiated by DeLuxe, Mr. Kreiman said. The new Tokyo laboratory offers complete black-and-white and color service in 16mm, 35mm and 70mm.

Tele-Color Productions, Inc., 708 N. West St., Alexandria, VA 22314, has installed a new

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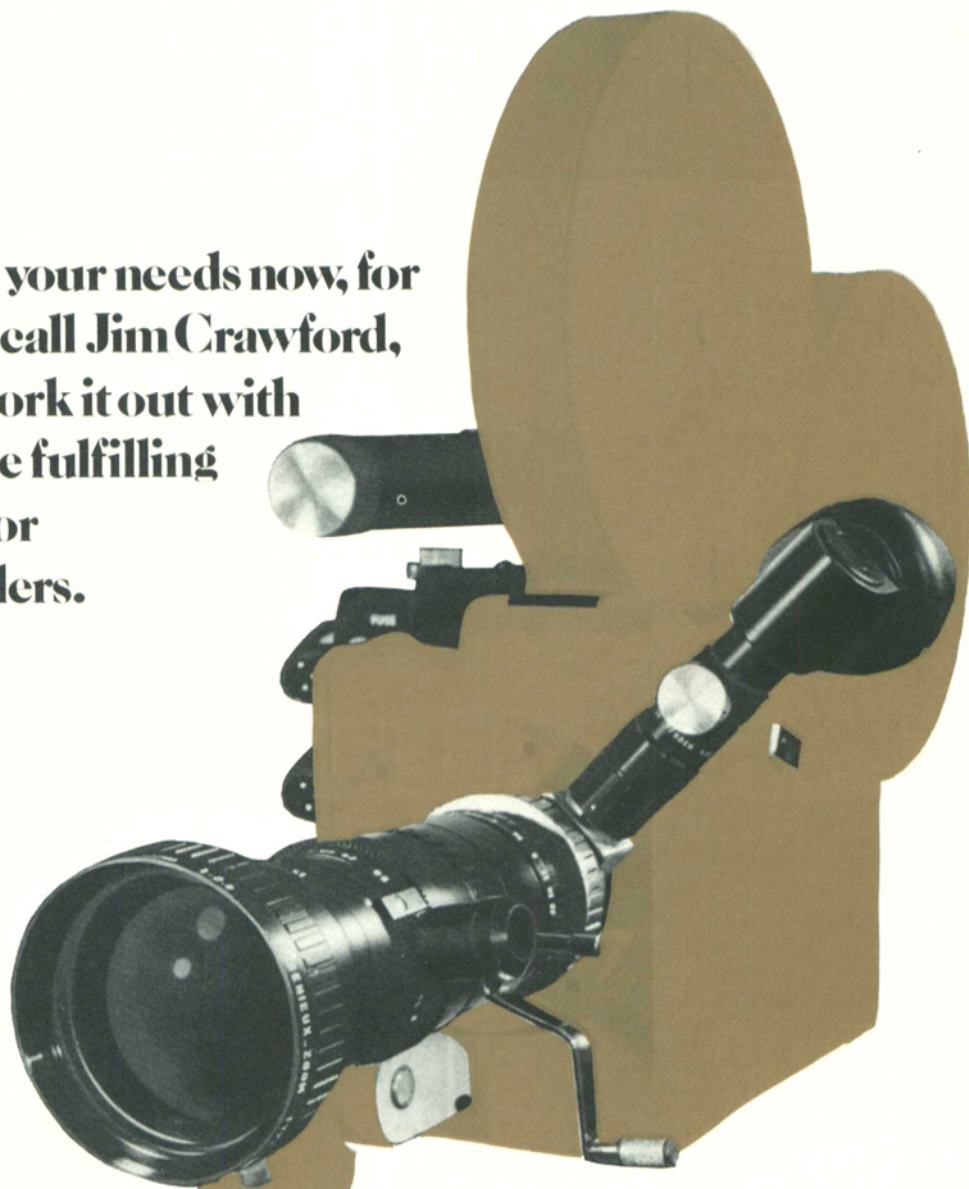
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Data-Tron (Model 5050) computer-editing system, according to a recent announcement. The system has special modifications requested by Tele-Color to enable three-VTR operation intermixing both RCA and Ampex machines.

CPAC, 2364 Leicester Rd., Leicester, NY 14481, has announced formation of the Pollution Abatement Div. to provide photographic chemical and plating waste analysis for the photoprocessing and plating industries. The firm manufactures pollution control systems which have been installed in photofinishing laboratories, television newsfilm processing laboratories, graphic arts and hospital radiological laboratories.

KEM editing equipment will be handled east of the Rocky Mountains by M.M. Editing Systems Inc., 321 W. 44 St., 5th Fl., New York, NY 10036, it was announced by Ulrich M. Fritzler, President of KEM Electronic Mechanic Corp. An earlier announcement (*Journal*, p. 536 June 1974) named Universal Editing Systems, New York City, as exclusive distributor of KEM products east of the Rockies. In the later announcement, Mr. Fritzler said that plans for the formation of the firm had not been implemented. Head of the newly formed M.M. Editing Systems is Michael Mangu.

Association-Sterling Films has moved its collection of 16mm free-loan and rental/sale films to larger quarters at 6644 Sierra Lane, Dublin, CA 94566, it was recently announced. The area serviced by the Dublin office includes northern California, Nevada, Hawaii and Utah. The area manager is Robert Imlach. The firm's executive sales office is located at 44 Montgomery St., San Francisco, CA 94104.

Hanimex Ltd. of Brookvale, N.S.W., Australia, has concluded an agreement with the government of the Irish Republic (Eire) to set up a full-scale manufacturing plant in the Re-

public. The complex will be situated at Cork, in the southwest of Ireland where Hanimex has purchased a 12-acre freehold site. Initially the plant will manufacture motion-picture and slide projectors for the United Kingdom and other European common market countries.

Manfred (Mike) G. Michelson has announced that "after a long and pleasant employment with DeLuxe General Inc." he has left the firm to become an independent engineering consultant. His consulting work will be in the areas of document and film handling systems, control systems and computer peripherals. His office is at 15160 Wyandotte St., Van Nuys, CA 91405.

In 1972 Mr. Michelson was a co-recipient of a Class III Academy Award for his work on a computerized film process control system.

Edward Janow, former chief of the motion-picture laboratory of the U.S. Agriculture Department, has been appointed Manager, Customer Services, for Byron Motion Pictures, Inc., 65 K St., N.E., Washington, DC 20002, it was announced by Dudley Spruill, Executive Vice-President and General Manager. Mr. Janow will report directly to Neal Keehn, Vice-President, Sales and Service, and will work closely with Irv Meyers, Production Vice-President. Before joining Agriculture, Mr. Janow was Assistant Laboratory Manager for Pathe Laboratories in New York City. In his new post he will handle customer information, order scheduling and manage the customer service staff.

Kenneth V. Spitzer has been appointed President of Philips Broadcast Equipment Corp., Montvale, N.J., it was announced by Pieter C. Vink, President of North American Philips Corp., parent organization of Philips Broadcast Equipment Corp. Mr. Spitzer was formerly associated with Amperex Electronic Corp., another wholly owned subsidiary of North American Philips.



DALLAS/FORT WORTH, 22 July — The meeting was held at Marriot Dallas North with an attendance of 42 members and guests. This was a special meeting called to take advantage of a seminar conducted by representatives of International Video Corp. on the IVC-9000 Videotape Recorder and the IVC-7000 Studio Color Camera. Conducting the seminar were Lee Marvin on the IVC-9000 and Fred Haines on the IVC-7000. Recording and playback features of the IVC-9000 were demonstrated by Mr. Marvin. Mr. Haines showed the IVC-7000 camera to show both a product display and a live model. — Addison T. Steven (Secretary-Treasurer), Eastman Kodak Co., 6300 Cedar Springs Rd., Dallas, TX 75235.

TORONTO, 20 June — The meeting consist-

ed of a social event — cocktails, dinner and dancing — held at the Granite Club with an attendance of 164 members and guests. This social event was the first such function held as a Section Meeting. Plans are underway to provide such an event annually. The evening was organized by Peter Elliott. — G. W. Ballantyne (Chairman), Applied Electronics Ltd., 299 Evans Ave., Toronto, Ont. M8Z 1K2, Can.

OHIO, 27 June — The meeting was held at Motion Picture Sound, Inc., in Cleveland with an attendance of 44 members and guests from Ohio and Michigan. Subject of the program was Optical Soundtracks. Harold Vincent of Eastman Kodak Co. presented a paper, illustrated with slides, showing the characteristics of optical soundtracks and how variances in