

Members of the Institute of Electrical and Electronics Engineers, Inc. (IEEE) have given overwhelming support to constitutional amendments that would allow the Institute to begin bold new approaches to solving the needs of its members and create a better image of engineers in society. Among the new actions planned by the Institute are: new programs concerning political and economic activity; the initiation of position papers to assist government and other agencies; recommendations of professional employment practices; and establishment of a pension plan for members. Donald G. Fink, General Manager and Executive Director of IEEE, assured members that these changes will be accomplished "without compromising the Institute's reputation for technical excellence."

The Institution of Radio and Electronics Engineers (Australia) will hold its 14th National Convention Aug. 20-24 at the Melbourne Exhibition Buildings. IREE Conventions are the recognized regular forums for technicians, engineers, scientists and management executives engaged in every field of electronics. The 14th Convention program will include a wide range of technical papers on a variety of subjects in the field of electronics. While many of the papers will describe new work the program will include both "state-of-the-art" and "background" papers which will enable delegates to gain familiarity with advances in fields in which they are not specialists, but in which they are interested. Further information is available from The General Secretary, The Institution of Radio and Electronics Engineers Australia, 157 Gloucester St., Sydney, N.S.W. 2000, Australia.

The American Film Institute, John F. Kennedy Center for the Performing Arts, Washington, DC 20566, has commissioned 12 new research projects designed to enlarge and strengthen the body of American film history. The projects, totaling \$11,500, are the second round of grants in 1972 from a \$150,000 three-year grant provided by the Louis B. Mayer Foundation to the AFI. The Louis B. Mayer Oral History Program is administered at AFI's Center for Advanced Studies in Beverly Hills, Calif. Projects are selected by AFI's Film History Advisory Committee, the members of which include film critics Charles Champlin, Arthur Knight and Andrew Sarris; film scholars Kevin Brownlow, David Bradley and William Everson; screenwriter Casey Robinson; and Daniel Selsnick, independent producer and Vice-President of the Louis B. Mayer Foundation. The Oral History projects involve in-depth interviews with people who have long contributed significantly to the art and technique of motion pictures, including producers, set designers, cinematogra-

phers, early sound and music editors, animators, scriptwriters and others.

Rochester Institute of Technology has announced an intensive five-day program, Quality Control for Photographic Processing, beginning 19 Feb. The program is designed to provide specialized knowledge in statistical, chemical and sensitometric methods of control of black-and-white and color photographic processes. The program is intended for photographic dealers and finishers, professional photographers and individuals involved in the processing of photographic materials, as well as for engineers, scientists and other professional persons who are engaged in areas where photography is being used as a research tool. The course will include: Fundamental Statistical Methods; Control Chart Techniques and Interpretation; Statistical Decision-Making Techniques; Introduction to Sensitometry; and Chemistry of Black-and-White and Color Processing Solutions. Additional information is available from William D. Siegfried, Training Director, College of Graphic Arts and Photography, Rochester Institute of Technology, One Lomb Memorial Dr., Rochester, NY 14623.

The Institute of Optics at the University of Rochester has announced a two-week summer program, Contemporary Optical Engineering, to be held July 16-17. A separate, complementary four-day session on Optical System Design follows immediately, beginning July 30 and extending through August 2. The Contemporary Optical Engineering Program is designed as a refresher course in modern optics for professional scientists and engineers and is also planned for research directors, managers and others who may lack extensive optical training but need to be able to interact with optical specialists. The course will cover coherent optics, electro- and acoustic-optics, generation and measurement of light, and image-forming optics at an introductory graduate level, starting with basic material and increasing in complexity, concluding with recent developments.

Optical System Design is planned to complement Contemporary Optical Engineering. It aims to give an engineer or physicist sufficient familiarity with the various types of optical element so that he can lay out a system to fit the space available and perform the specified task. Further information is available from: Summer Optics Programs, Institute of Optics, University of Rochester, Rochester, NY 14627.

Temple University, Philadelphia, PA 19122, has announced the fourth summer graduate film seminar to be held June 25-July 27 in London, England. The seminar will be directed by Raymond Fielding, Professor of Communications at Temple, and Kenneth Adam, former head of BBC television who has been serving as Overseas Visitor at Temple for four years. The seminar, conducted in association with the British Film Institute, will cover all aspects of contemporary British film, including writing, directing, performance, censorship economics, technology, criticism and research. Leading British directors, critics, writers, government and labor offi-

cial, educators and actors will give daily lectures. Field trips will be made to the major British film studios, including Pinewood Film Studios, the BBC Television and Film Production Center, Royal Photographic Society and David Robinson Film Museum. Other trips will be to archives, museums and government offices as well as the National Film Theater where students will see special screenings of historically important films. Students will also have access to the British Film Institute's archives, library and research facilities. The seminar is limited to 18 students.

The Boston Chapter of the Information Film Producers of America (IFPA) used a small electronic computer in the judging of the Cindy film competition. The computer completed the scoring in less than an hour, whereas previously the judges' evaluations and the compilation of the balloting required a week or 10 days. The computer (Model PDP-8/E), produced by Digital Equipment Corp., Maynard, Mass., was programmed to compile the individual scoring entries of the film judges. The scoring program was written by a member of IFPA, Stephen A. Kallis, Jr., of Digital Equipment Corp., who recently purchased a PDP-8/E for use in his home. IFPA holds its annual film competition in August of each year. Winners receive Cindy awards — statuettes similar to the Academy Awards Oscars.

Zen in Ryoko-In is an extraordinary 16mm color film, superbly photographed, which shows the daily life of the abbot, his family and students in a Zen Buddhist temple nearly four centuries old. The film was produced by Ruth Stephan Films, Stone Legend, Khakum Wood, Greenwich, CT 06830.

Ruth Stephan is a poet and historical novelist who regards Ryoko-In as her home. In 1961 she received an unprecedented invitation to live in the temple whenever she is in Japan. In the temple she writes poetry, translates ancient Zen poetry with the abbot and participates in the daily life of the temple and the impressive ancient ceremonies that are a part of Zen. The film shows two rare ceremonies, each of which is performed only once in three or four hundred years.

One of the most remarkable things about the film is the way in which the viewer becomes, in a sense, a part of it. The stunning beauty of objects — vistas — sounds — is strange, but not alien. From the poetic beginning of the film through all its visual delights, the viewer arrives at a state of total acceptance. Miss Stephan, who appears in the film from time to time, sitting quietly in her room at an ancient table as she writes, or with the abbot and his family, is, in appearance, completely Western — tall and blond — yet there is no feeling of incongruity with the oriental ambience — the oriental faces. Quite simply, she belongs there.

Aside from the pleasure of viewing this film, it is instructive. With all the talk about Zen and all the literature, this film can give a student a better idea of what Zen is than any other medium.

The film is 71 minutes long, but it is divided into two reels suitable for showing in

classes with 50-min sessions. It can be purchased or rented.

An experimental facsimile mail service that relays information electronically between Hartford and Willimantic, Conn., is now operating as part of the New Rural Society (NRS) study in the Windham Region Planning Area, it was announced by Peter C. Goldmark, President of Goldmark Communications Corp. and NRS project director. Electronic facsimile mail (called faxmail) involves the use of telecommunications facilities to transmit rapidly (in minutes) material such as letters, pictures, medical records, graphs, drawings, invoices, purchase orders and other data which are normally delivered from one point to another by mail or messenger. The new service will be available without charge to business, professional organizations and individuals between Hartford and the 10-town Windham Regional Planning Area.

Electronic transmission terminals have been established at the Windham Regional Planning Agency headquarters at 33 Church St. in Willimantic and the main office of the Connecticut Bank and Trust Co. in Hartford.

Any type of communication which is usually sent by regular mail can be transmitted by faxmail. Material of a confidential nature can be sent since the service will be manned by bonded personnel.

The NRS study is expected to provide answers to such questions as: Would faxmail enhance business and government communications to encourage decentralization from urban to rural areas? Is faxmail between a rural town and a large city a desirable addition to or a partial substitution for existing mail service? Could health care and education in a rural area be improved significantly with the availability of faxmail for transmission by local physicians of medical and clerical data from a local hospital to a large urban medical center?

The electronic mail service is one of many telecommunications experiments planned for the New Rural Society project. The NRS program is being funded through Fairfield University to Goldmark Communications Corp., a subsidiary of Warner Communications Inc., by the U.S. Dept. of Housing and Urban Development. NRS is a national pilot study to help improve the quality of life in rural areas through imaginative uses of telecommunications for business, government, health, education and cultural enrichment.

The 5th Annual Industrial Television Videotape Competition has been announced by Tom Richter, 1973 Competition Chairman and Supervisor, Standard Oil Co. (Ind.), 910 S. Michigan Ave., Chicago, IL 60605. The Competition was first organized by the Industrial Television Soc. (ITS). The National Industrial Television Assn. will participate in the 1973 events.

The Competition honors completed videotapes, created by users of television, which have been judged the best in one or more of the following categories: Instruction, Information, Promotion of the Medium, Sale of Company Products and Services, and Humanitarian Public Service. The 1973 International Award will be pre-

sented for the single best overall program submitted. Winners of the Competition will be announced at the meeting of the International Industrial Television Assn. (IITA) to be held March 28-30 in Washington, DC.

The U.S. Industrial Film Festival has announced that entries are invited for the sixth annual awards competition and should reach festival headquarters before March 1. The festival is an international event devoted exclusively to selection and recognition of 16mm industrial films, filmstrips and 35mm slide programs. The festival this year is accepting both 16mm and 35mm filmstrips. Invitations printed in 14 languages are being sent out worldwide. In 1972 entries were received from 19 nations with seven nations sharing in first place Gold Camera awards. Entry forms and detailed information are available from U.S. Industrial Film Festival, 4415 W. Harrison St., Hillside, IL 60162.

Video 73, an international market for videocassette and video disc programs and equipment conference, will be held Sept. 28 - Oct. 3 in Cannes, France. The event will include a conference on the present development and possible future of videocassettes, video discs and similar devices.

A 40-ft mobile TV van is being constructed by Pacific Video Industries (PVI), 8721 Sunset Blvd., Suite 202, Los Angeles, CA 90069, a firm newly formed to handle all phases of television videotape recording. Equipments in the new van will include three RCA TK-44B color cameras teamed with two RCA TR-70C high-band color TV tape recording systems. The van will also contain a 16-track mastering quad-mixdown audio facility and a complete electronic editing system. PVI will be involved in all phases of television videotape recording, such as sporting events, commercials, specials and syndicated shows. The firm will also specialize in tape-to-film projects, including feature-length motion pictures for television.

PVI President is Jack Meyer who, in 1959, built one of the first videotape mobile units in the United States. Randolph B. Blim, PVI Director of Engineering, is handling the installation of the RCA color cameras and tape recorders. Mr. Blim was formerly a videotape engineer at ABC; earlier he was Chief Engineer for TelWest Mobile Facilities in California.

Producers Service Corp., 1200 Grand Central Ave., Glendale, CA 91201, has announced that its Motion Picture and Television Products Div. has been renamed Acme Products Div. The newly named division contains a complete line of Acme products including special-effects optical printers, manual additive lamphouses and Acme-Richardson animation stands and assemblies for sale, rental or lease. The firm's other divisions include the Photo-Instrumentation Div.; the Computer Peripheral Div.; and the Customer Service Div. The firm also announced plans for increased marketing activities especially in audio-visual and post-production equipments.

Kinotone Inc. has moved to 150 Atlantic St., Hackensack, NJ 07601, from its tem-

porary headquarters in Montvale, N.J., at the facilities of Philips Broadcast Equipment Corp. The firm was established by Kinoton GmbH of Germany to take over the marketing of Norelco professional motion-picture theater equipment (*Journal*, p. 874, Nov. 1972). The Kinotone trade name will replace the Norelco trade name on motion-picture projectors, sound and automation equipment previously available from Philips Broadcast Equipment Corp.

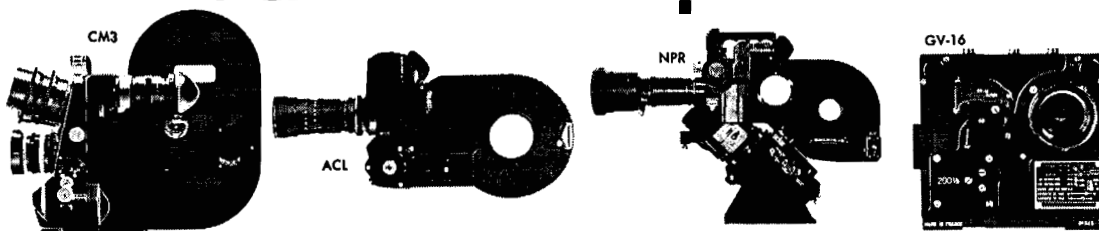
Ronson Helicopters, Inc., Box 1386, Mercer County Airport, Trenton, N.J., has available a fleet of helicopters equipped with the Tyler vibration isolated camera system for lease to filmmakers. The service will provide complete photographic capabilities for television and motion-picture camera crews. The helicopters are equipped with Tyler 35mm Middle Mount and 16mm Mini Mount with Arriflex cameras. The Ronson filming unit pilots have been specially trained and have extensive air photography experience. They can maintain constant air-to-ground communication for coordination between directors and producers and the film crews.

Schneider Corp. of America (SCA), 154 Lodi St., Hackensack, NJ 07601, has announced the purchase of the entire line of theater projection lenses and related products manufactured by Kollmorgen Corp. of Pittsburgh, Pa. According to a previous announcement, ISCO projection lenses and related products, formerly handled by Philips Broadcast Equipment Corp., will be handled exclusively in the United States by SCA. SCA was established early in 1972 as a wholly owned subsidiary of Jos. Schneider & Co. of Germany, one of the world's largest lens manufacturers.

WMAL-TV and WTOP-TV, Channels 7 and 9 are now telecasting from a new television tower and specially designed joint antenna rising 1049 ft above mean sea level. The new facility is located at 4010 Chesapeake St., N.W., in Washington, D.C. The tower has been built to withstand hurricane winds up to 165 mi/h. The steel used in the tower is a special high nickel-chrome-alloy combination several times stronger than ordinary steel and capable of resisting the corrosion caused by city smog. The three legs of the triangular tower are made of solid steel 9 $\frac{1}{2}$ in in diameter. Two of the piers are 83 ft deep, extending 73 ft below ground. One is 77 ft deep, extending 67 ft below ground. The tower itself weighs about 350 tons. The steel reinforcement rods and cross-ties alone for the three piers and three connecting beams weigh 175 tons and required 540 cubic yards of concrete. The antenna is the first diplexed antenna in the Washington, D.C., area.

Hanimex Corp., Brookvale, N.S.W., Australia, has announced construction of a \$1 million plant with 60,000 ft² of factory and shipping space near London in preparation for its moving the major part of its slide projector manufacturing activities from Australia to Great Britain. In recent years more than half of the slide projectors sold on the British market were shipped from

The only things we build better than cameras are reputations.



A filmmaker's reputation is earned slowly... often, painfully. The same goes for his equipment. Because a few bad words can undo years of good ones.

Because of this, we are especially proud of the reputation each of our cameras enjoys for innovative design, unvarying reliability.

ACL combines inconspicuous size with conspicuous advantages. Camera weighs 8½ lbs., yet is less than a foot long with 200' 16mm magazine. Changes magazines in 5 seconds. Shoots up to 400' silently, sync-accurately with built-in crystal motor. Compact battery shoots 2400', recharges in 30 minutes, fits in pocket; universal lens mount; bright, reflex finder rotates 360°.

CM3's Academy Award winning design includes five-second magazine change. Shoots every aspect ratio in 35mm, including Techniscope and adapts to 16mm in seconds, at no cost. 35mm loads from 100 to 400 feet. 16mm loads from 100 to 400. Divergent, three-lens turret. Variable shutter. Brilliant reflex viewing. Battery-operated 12V constant-speed motor with built-in sync generator. Viewfinder rotates 360°.

Silent running 16mm NPR lets you shoot sync sound without a

blimp. Magazine changes take five seconds. Up to 400 foot loads, daylight spools or core loads. Accurate reflex viewing. Rotating two-lens turret, registration-pin, movement. Universal, crystal-controlled/variable-speed motor with automatic shutter-opening device; speed and sync adaptable to European TV standards. Balanced weight for easy shoulder-resting. Non-shifting image viewfinder rotates 360°, usable for left or right eye.

GV-16: a high speed camera that is small, lightweight, portable; and you can change its magazine in five seconds. Body and motor weigh 6 lbs. 100 to 400 foot 16mm loads. 0 to 200 frames per second. Any lens you want to mount. Battery-operated. Bore sighting. Variable shutter. Daylight loading. Built-in pulsing, marking. Registration-pin and double claw.

Expert service coast to coast at franchised dealers and Eclair Service Centers. Write for free literature to Eclair Corporation at 73 S. Central Avenue, Valley Stream, New York 11580 or 7262 Melrose Avenue, Los Angeles, California 90046

eclair

the Hanimex factory in Brookvale. The move to produce the equipment in England is expected to minimize shipping delays, reduce manufacturing costs, and, of special importance, it will provide tariff-free access to the entire European Common Market through Great Britain's membership which began January 1. The plant in Brookvale will continue to produce projection equipment for sale in Australia and various export markets besides Great Britain. The firm has two North American subsidiaries, Hanimex (U.S.A.) Inc. in Chicago and Hanimex (Canada) Ltd. in Toronto.

The Sound Shop, Inc., 460 W. 54 St., New York, NY 10019, is a new firm organized by Emil Neroda to provide sound and transfer services. Facilities include three studios with modern equipment for mixing, recording and dubbing. The setup also includes electronic post sync equipment. The Transfer Dept. provides transfers of all types, from and to, tapes, discs, photographic track or magnetic recordings.

Mr. Neroda has been elected President of the new firm.

Electro-Optical Mechanisms, Inc., 2865 Metropolitan Pl., Pomona, CA 91767, is a new firm which acquired the assets, designs, inventories and work in process of the Optical Systems Technology Div. subsequent to the close of Wollensak, Inc. The new company will continue development and manufacture of electrooptical systems with special attention to photoinstrumentation for recording and displaying information. President of the new firm is Ray Jeske. Jerry Saepoff is Vice-President.

RCA Corp. has announced that Arthur Anderson & Co., an international accounting firm based in Chicago, has installed a complete broadcast-quality color TV studio system to produce training programs for employees in its 91 offices. The system, which includes RCA's most advanced color TV cameras, videotape recorders, TV film and other program production equipment, is comparable to that used by many small TV stations. The television training programs are used to keep the firm's employees updated on changes in tax laws, new business procedures, computer programs and related matters. The color TV equipment is installed in Andersen's Center for Professional Development, in St. Charles, Ill., where the firm has been using black-and-white TV as a classroom training aid. With the new color equipment in operation, training lectures and demonstrations are recorded by RCA TR-70C and TR-60 broadcast-type recorders on 2-in magnetic tape. Master tape programs are reproduced in small videotape cassettes containing 3/4-in tape for use in all the firm's offices. The Andersen studio system includes time code electronic editing of tapes and a TV production switcher capable of generating electronically a variety of special effects.

Rank Film Laboratories Ltd., Denham, Uxbridge, Middlesex, England, has become a one-third partner in Technospes S.p.A. of Rome, created from the merger of Italy's two largest independent film laboratories,

Technochrome S.p.A. and S.P.E.S. Rank Film Laboratories was previously in partnership with Technochrome. The merger with S.P.E.S. more than doubles the facilities and production output of the combined Rome operation and further expands Rank's activity across the European Economic Community film and television markets.

President of Technospes is Alberto Genesi. Raymond Dufield, Managing Director of Rank Film Laboratories, and Ranieri de Cinque have been appointed Joint Managing Directors. Ettore Catalucci is honorary President. Rank is also represented on the Board of Technospes by three Directors — John W. Ratcliffe, a Director of Rank Film Laboratories, Roy W. Login and James W. Downer. The other Italian Directors are Giorgio Genesi, Carlo Genesi, Cesare Tifi, Elio Finestauri and Fabrizio Rossi.

Technospes will continue to operate from the former Technochrome plant at Via Albalonga and the S.P.E.S. plant at Viale Camp Boario. Management offices will be concentrated at the Via Albalonga premises. Meanwhile plans are proceeding for a new laboratory complex in Rome in the vicinity of Cinecitta Studios.

K'son Corp., designer and manufacturer of pay-TV equipment has moved to a new 30,000 ft² facility at 250 East Emerson St. in Orange, Calif. The firm was formerly located at 743 Dunn Way in Placentia, Calif. Among other activities, the firm manufactures equipment for the Trans-World Communications Div. of Columbia Pictures Industries, Inc., and serves as a manufacturer's representative for RCA Corp. professional television products.

Promotion Aids, 466 Lexington Ave., New York, NY 10017, has announced the opening of new and expanded facilities to provide sale, rental and installation services for projection, sound, video, lighting and other communication equipments. Head of the new facility is Charles H. Brotman. The firm also announced that the Crystal Vision Stretch Screen Dept. will be at the same address.

An agreement with Telesat Canada for the first use of Canada's satellite system to provide domestic communications satellite service in the United States has been announced by RCA Chairman Robert W. Sarnoff. RCA Global Communications and RCA Alaska Communications will operate the service. The U.S. service is expected to begin no later than June 1. The RCA companies will install earth stations in the Washington-New York corridor, California and Alaska to relay communications signals through the Canadian satellite. The earth stations and the Canadian satellite will handle voice, message and TV traffic between the East and West coasts and between both coasts and Alaska. The new system will use a satellite channel for service between the East and West coasts as well as to and from Alaska, which will have the effect of spreading channel rental cost over a larger traffic volume, thus helping to hold down rates for the service between Alaska and the contiguous 48 states.

A national "narrowband" TV network

for the medical profession, expected to be well underway by late 1974 or 1975, may save many lives as a result of rapid dissemination of medical information, according to statements from men who are in key administrative and educational positions in hospitals, colleges and health agencies. Two organizations are involved in the plan — Microband National Systems Inc. (MNS), which has been granted either building permits or licenses by the Federal Communications Commission to operate at 2150 MHz in six cities (Washington, D.C., Chicago, Houston, Minneapolis-St. Paul, Dayton and Philadelphia), and Select Time Inc., which will package shows on MNS. Immediate plans call for reaching some 40,000 doctors in seven or eight cities by 1974. By 1975, Select Time expects to be sending "narrowcasts" to some 100,000 doctors in hospitals in 50 or more cities.

The first official "narrowcast," scrambled and specially decoded, will be made in March in Washington, D.C., and selected hospitals within a 25-mile radius will be receiving. Wyman Guin, Vice-President of Select Time Inc., said the broadcasts will consist generally of programs sponsored by drug manufacturers and officially accredited teaching hospital programs, plus medical spot news.

The MNS network was inaugurated in November in Rockefeller Center in New York City when President Tom Sege of Varian Associates, which makes a good deal of MNS hardware, broadcast a speech from Palo Alto, Calif.

Bernard D. Loughlin, Vice-President, Research, of Hazeltine Corp., is the recipient of the 1972 IEEE Consumer Electronics Award presented at the Institute of Electrical and Electronics Engineers Fall Conference on Broadcast and Television Receivers held in Chicago. The award was presented in recognition of Mr. Loughlin's outstanding contributions to the consumer electronics industry, particularly in the field of color television. Mr. Loughlin holds 107 U.S. patents; his pioneering work in color TV has been recognized as basic to the theory and development of the color television systems now in use in the United States and throughout the world. Among other awards for his accomplishments in color television is included the David Sarnoff Gold Medal Award, presented to Mr. Loughlin by the SMPTE in 1955 for "his many contributions to the science of color television."

Peter C. Goldmark, President and Director of Research of Goldmark Communications Corp., has been appointed a member of the Corporation Visiting Committee to the Dept. of Electrical Engineering of Massachusetts Institute of Technology "in recognition of professional leadership," it was announced by MIT President Jerome B. Wiesner. He explained that the Visiting Committees play a vital role in the formulation of policy, in the maintenance of high standards and in the continual adjustment of MIT's educational and research programs to new conditions and new opportunities.

Raymond Fielding, Professor of Communications at Temple University, Philadel-

Troubled by out-of-focus pictures?

Troubled by emulsion

pile-up in your camera gate?

Troubled by distracting camera

noise when shooting subjects who should not be distracted from what they are doing?

Troubled by cameras that are always in need of repair and adjustment?

If so, switch to Auricon, the only 16mm Camera that guarantees you protection against all these troubles, because it is so well designed! The Auricon is a superb picture-taking Camera, yet silent in operation, so that at small extra cost for the Sound Equipment, it can even record Optical or Filmagnetic sound in addition to shooting your professional pictures.

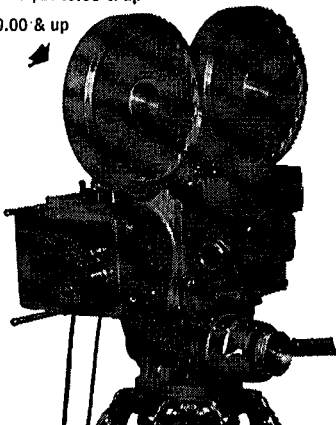
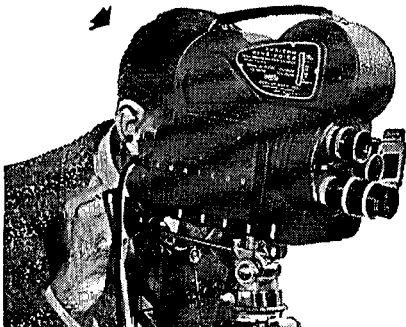


AURICON SUPER-1200, takes 1200 ft. Runs 33 min. \$6425.00 & up

AURICON "PRO-600 SPECIAL," takes 400 ft. Runs 11 min. \$1620.00 & up

AURICON PRO-600, takes 600 ft. Runs 16½ min. \$1820.00 & up

CINE-VOICE II, takes 100 ft. Runs 2¾ min. \$1180.00 & up



BACH Auricon

GUARANTEE
 All Auricon Equipment is sold with a 30-day money back Guarantee and a 1 year Service Warranty. You must be satisfied!

Write for your free copy of the 74-page Auricon Catalog

BACH AURICON, Inc.

6948 Romaine St., Hollywood 38, Calif.

HOLLYWOOD 2-0931

MANUFACTURERS OF PROFESSIONAL 16MM CAMERAS SINCE 1931

The New CP-16/A (with Crystasound)

RADIO 970
POST OFFICE BOX 1000

WAVE
LOUISVILLE, KENTUCKY 40201

TV CHANNEL 3
(502) 585-2201

October 6, 1972

Mr. Norman L. Bleicher
Operations Manager
Victor Duncan, Inc.
11043 Gratiot Avenue
Detroit, Michigan 48213

Dear Norm:

Thank you for your letter of September 13, 1972.

You mention four areas for information relative to news work, using the CP-16/A, and they are as follows:

1. I feel that the CP-16/A is the best news camera on the market today. All of our news reporters feel the same way. It is extremely portable and we are able to shoot pictures much as we do with our Bell & Howell or Bolex cameras.

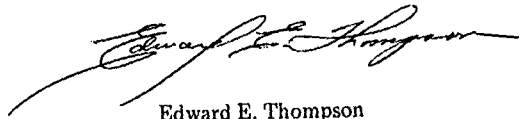
I have designed a small "U" shoulder pod of aluminum, padded with rubber, for use with the camera. The light weight of the camera, "U" pod and magazine make for quick and easy shooting, with comfort and ease for the cameraman as well.

2. As to use under adverse conditions, the camera has performed very well in inclement weather and I see no reason why it should not be the same in the winter as in the summer.
3. Service has been the best. Both you and Cinema Products Corporation have been in close touch with us and we are very pleased with the quick service we are getting.
4. News of Interest: In addition to the shoulder pod, I have installed a Sennheiser MKH-815 shotgun microphone, with a shock-proof mount, on top of the CP-16/A camera. The camera is so quiet that the 815 mike does not pick up any camera noise. With no cables and no power pack to get in the way or restrict your movement, the cameraman can really move in and around, getting the right position to get the best picture. He becomes a part of it all.

The enclosed photographs may be of some help to explain the "U" pod and the shotgun mike. The cameraman is Larry Sales, a reporter here at WAVE News. The other guy holding the camera and mike happens to be me.

In summing up, I am happy to say that we are very pleased with our two CP-16/A cameras (even the price) and I am looking forward to getting another in the very near future.

Sincerely yours,



Edward E. Thompson
Newsfilm Director
WAVE-TV

EET:jk
Enclosures



LOUISVILLE, KENTUCKY
WAVE-AM-TV

EVANSVILLE, INDIANA
WFIE-TV

GREEN BAY, WISCONSIN
WFRV-TV

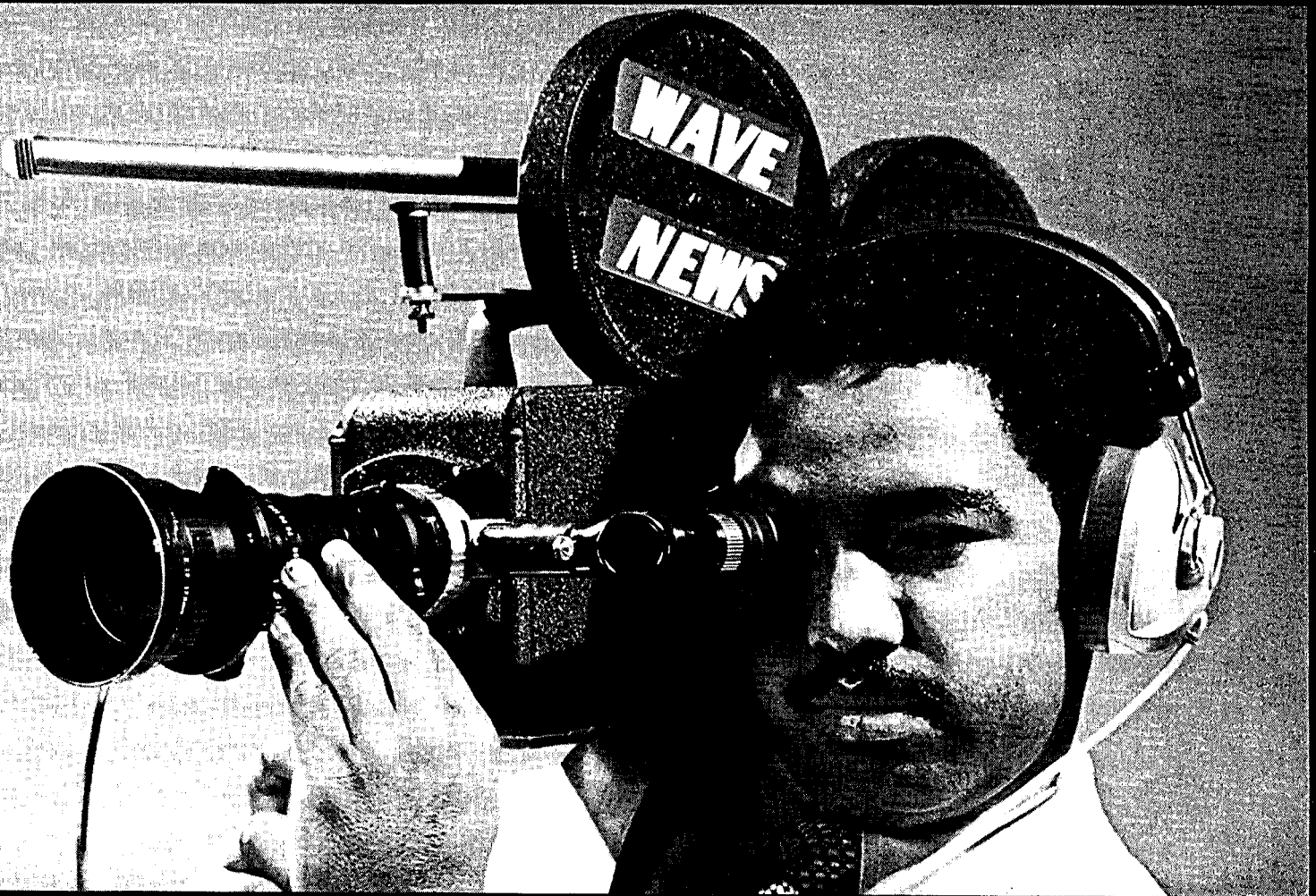
ESCANABA, MICHIGAN
WJMN-TV

CEDAR RAPIDS, IOWA
WMT-AM-FM-TV

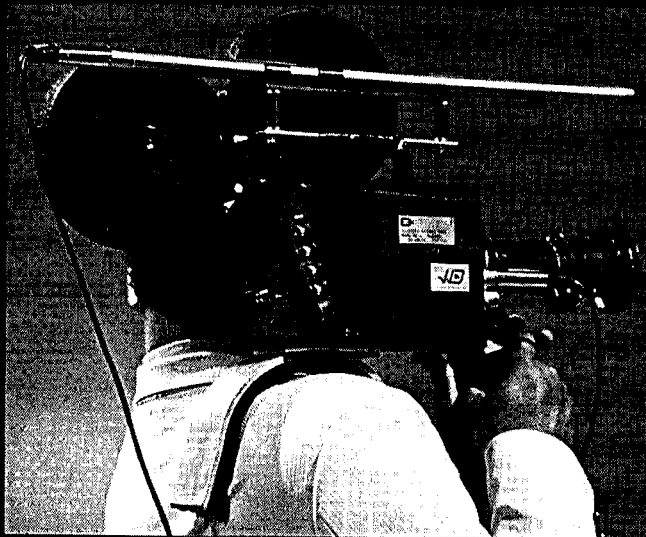
Mr. Edward E. Thompson,
Newsfilm Director,
WAVE-TV



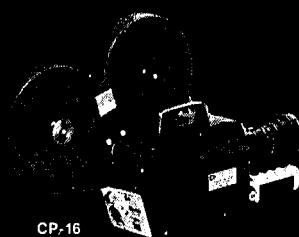
A Cameraman's Kind of Camera.



Mr. Larry Sales, TV-Newsfilm Cameraman, WAVE-TV



To arrange for a demonstration of the all new CP-16/A (with Crystasound recording system) or CP-16 cameras, contact your local professional sales/rental dealer.



CP-16



CP-16/A

For further information, please write to:

cinema  products
CORPORATION

Technology In The Service Of Creativity

2044 Colner Avenue, Los Angeles, California 90025
Telephone: (213) 478-0711 ■ Telex: 69-1339 ■ Cable: Cinedevco

phia, PA 19122, has been elected to the Board of Trustees of the American Film Institute. His appointment was announced by actor Charlton Heston, Chairman of the Board. The American Film Institute operates film school studios in Los Angeles. It operates the National Film Theater and maintains research, administrative and archival headquarters in Washington, D.C. Dr. Fielding is President of the Society for Cinema Studies and is a Past-President of the University Film Assn. and the Information Film Producers of America.

Carlo Anneke has been appointed Vice-President of Marketing for Video Cassette Industries of Los Angeles. He was formerly Vice-President and General Manager of KBHK in San Francisco, the TV station of Kaiser Broadcasting Corp. His experience in the broadcast field began in 1952 with WDSM TV and Radio in Duluth, Minn. In his new post he will supervise all sales and marketing operations for Video Cassette Industries. The firm was organized in 1972 to develop and utilize videotape cassettes and related TV equipment.

Robert C. Burton, Assistant General Manager of Eastman Chemicals Div., has been elected a Vice-President of Eastman Kodak Co. He has been with the Eastman Chemical Div. since 1930. Election of three Assistant Vice-Presidents was also announced. They are: Paul A. Barbee, General Manager of the newly formed Graphics Markets Div., Marketing Div., U.S. and Canadian Photographic Div.; Wendel W. Cook, Assistant General Manager of Kodak Park Div., U.S. and Canadian Photographic Div.; and Anthony Frothingham, General Manager, Kodak Park Div., U.S. and Canadian Photographic Div.

Eastman Kodak Co. has announced two appointments in the Marketing Div. of the U.S. and Canadian Photographic Div. Orville L. Potter has been appointed manager, Aerial Products Services, Government Markets Services. John J. Graham has been appointed Coordinator of Product Programs, Government Markets Services. Mr. Potter has been with Kodak since 1937. Mr. Graham joined Kodak in 1946 as a technician in the Phototechnology Div. at Kodak Park. Later he became Marketing Coordinator of Government Markets, Earth Resources, Oceanography, the post he held prior to his present appointment. In the new post he will continue the responsibility of coordinating within the marketing organization the government programs involving photographic products of more than one markets division.

Jack Phillips has been appointed head of customer relations and sales for Glen Glenn Sound Co., 6624 Romaine St., Hollywood, CA 90038, it was announced by Mel Sawelson, President. Mr. Phillips was formerly in charge of studio scheduling and staffing which has been taken over by Ray Taylor.

K. Ferrell Forehand has been appointed Technical Sales Manager for the Motion Picture Div. of Alan Gordon Enterprises Inc., 5362 N. Cahuenga Blvd., North

Hollywood, CA 91601. He was formerly Sales Manager for the Dallas Div. of Victor Duncan Inc. Mr. Forehand's primary assignment will be in-the-field meetings with filmmakers, especially those engaged in television news and documentary film production.

Ed Cooperstein has announced his resignation as President and General Manager of Canyon Films, Phoenix, Ariz., to form a new Arizona company called ACE Communications & Entertainment Corp., which will devote itself to motion-picture, broadcasting and related mass communications arts fields. Mr. Cooperstein joined Canyon Films in 1970. He was elected President in 1971.

Richard E. Muller has been appointed Vice-President of Operations at Philips Broadcast Equipment Corp., One Philips Parkway, Montvale, NJ 07645. He was formerly Vice-President and General Manager of the Office Machines Div. of the Remington Rand Div. of Sperry Rand. In

his new post he will be responsible for all operations of the Government Systems Div. and for the engineering and production operations in the Audio-Video Systems of Philips Broadcast.

Lester Bernstein has been elected Vice-President, RCA Corporate Communications by the RCA Board of Directors. He was formerly with *Newsweek* where he had been Managing Editor since 1969. In his new post he will report to Kenneth W. Bilby, Executive Vice-President, Public Affairs. He will be responsible for RCA's Editorial Services, Corporate Advertising, and Publications departments.

James E. Headley has been appointed Manager of Photographic Services for Metro/Kalvar Inc., 745 Post Rd., Darien, CT 06820. He has been with the firm since 1963. In his new post he will be responsible for the Laboratory and Production Services Dept. and will coordinate expanded facilities for 35mm, 16mm and super-8 black-and-white and color printing and processing.



books reviewed

Underwater Photo-Optical Instrumentation Applications: Proceedings of the SPIE Seminar in Depth

Ed. S. Q. Duntley, Joe L. Lones and H. S. Weisbrod. Published (1972) by the Society of Photo-Optical Instrumentation Engineers, 119 Palos Verdes Blvd., Redondo Beach, CA 90277, 168 pp. Illus. Diagrams. 8½ by 11 in. Price \$23 (\$15 for SPIE members).

The book, contains the proceedings of a Seminar in Depth on Underwater Photo-Optical Instrumentation Applications held in March, 1971, in Honolulu, Hawaii. Included are 18 papers covering underwater imaging systems and underwater equipment applications.

Two especially important papers are; "Deep Submergence Windows for Optical Systems," by J. J. Lones and J. D. Stachiw which is a well-organized and well-documented report concerning the materials and papers used for ports in deep-submergence vessels, suggesting a future revival in the use of glass for window material, and "Acoustic Imaging," a very lucid presentation by F. N. Spiess concerning the value of underwater acoustic imaging when it is necessary to cover an area more

than 10 to 20 meters from the observer. In this paper, six systems are described which convert acoustic pressure fluctuations into electrical signals as an intermediate step toward allowing the user to visualize the information that the sound field brings to him. The premise is presented that the major contribution that optical technology can contribute to these systems is in the area of the display function. The challenge is to present a three-dimensional display of the information with only a slight delay after its arrival at the hydrophones, taking advantage of the computerized nature of the outputs to generate the display.

Among other interesting papers is "A High-Speed Color Film for Underwater Photography" by Ira B. Current. This paper presents an interesting adaptation of a special-purpose aerial film to underwater photography. GAF 500 and GAF 1000 permit working at greater depths than heretofore. The absence of blue sensitization may be expected to reduce the effect of scattering which is greatest in the short-wavelength blue region, and the absence of a yellow record may be of only minor significance to photography under the narrow-band light conditions of the ocean's depths.

Two excellent tutorial papers are (1) "Coherent Optics," a tutorial review by Brian J. Thompson. This paper provides a very lucid and interesting review of the history of coherent optics. According to Dr. Thompson, the written version is intended as a supplement to the oral version, which was presented at the seminar. No attempt is made to assess the importance of coherent optics in underwater instrumentation. Also, no detailed discussion of haliography is presented because of coverage by other speakers. (2) "Underwater Photography" by G. T. McNeil is a tutorial presentation on the application of the photogrammetry process to underwater photography.