

at the end of each school year a report of the meetings for that year giving the subject, speaker and approximate attendance for each meeting.

#### ARTICLE XI

##### Amendments

**Sec. 1.** Proposed amendments to these Bylaws may be initiated by the Board of Governors or by a recommendation to the Board of Governors signed by ten voting members. Proposed amendments may be approved at any regular meeting of the Society at which a quorum is present, by the affirmative vote of two-thirds of the members present and eligible to vote thereon. Such proposed amendments shall have been published in the *Journal* of the Society, in the issue next preceding the date of the stated business meeting of the Society at

which the amendment or amendments are to be acted upon.

**Sec. 2.** In the event that no quorum of the voting members is present at the time of the meeting referred to in Sec. 1, the amendment or amendments shall be referred for action to the Board of Governors. The proposed amendment or amendments then become a part of the Bylaws upon receiving the affirmative vote of three-quarters of the entire membership of the Board of Governors.

#### ARTICLE XII

##### Standards and Recommendations

**Sec. 1. Purpose.** The Society's "Recommended Practices," as well as American Standards sponsored by the Society, are adopted in the public interest; they are designed for the purpose of promoting and

furthering the interests of the general public through the statement and dissemination of technical and engineering principles applicable to the motion-picture, television and the related arts and sciences.

**Sec. 2. Definition.** "Recommended Practices" of the Society and an American Standard sponsored by the Society describe a product, process or procedure with reference to one or more of the following: nomenclature, composition, tolerances, safety, operating characteristics, performance, rating, testing and the service for which designed.

**Sec. 3. Use.** Existence of a "Recommended Practice" of the Society does not in any respect require that any member or nonmember adhere to it, and such persons are free to accept or reject any adopted "Recommended Practice" as they see fit in the exercise of their individual discretion.

## SUPPLEMENT TO A DIRECTORY FOR MEMBERS

*April 1962 Journal, Part II*

Since publication of the April issue and the Supplement in the July 1962 *Journal*, we have obtained the descriptions of Sustaining Members given below.

**Birns & Sawyer Cine Equipment Co.,** 6424 Santa Monica Blvd., Hollywood 38, Calif.

This is an integrated sales, manufacturing and rental organization situated in two easily accessible locations in the heart of Hollywood. The sales and manufacturing division produces such equipment as underwater lights, underwater camera housings, camera heater barneys, stop motion projectors, and telephoto lenses. This division also imports motion-picture equipment for resale under their own brand names. The rental division has its own staff and large inventory of motion-picture production facilities including cameras, lights, dollies, sound recorders, and editing equipment. The company is currently undergoing a manufacturing expansion which will give it a source of products for its own sales. Among these products are the new underwater lights and telephoto lenses computed for 70mm format. Small products such as triangles, splicing blocks, stop watches, camera adapters and other accessory motion-picture equipment are also manufactured or imported for the trade.

**Address inquiries to:** Sales and Manufacturing Div.: 6424 Santa Monica Blvd., Hollywood, Calif. Rental Division: 1014 North Vine St., Hollywood 38, Calif.

**Camera Service Center, Inc.,** 333 West 52 St., New York 19, N. Y.

Besides specializing in the rental, sale and maintenance of professional motion-picture cameras and related equipment, this organization manufactures special motion-picture equipment of its own design or to customer specifications. A part of the service is incorporating special features and improvements over original designs. The firm's rental program includes all types of professional 35mm and 16mm motion-picture cameras, lenses, tripods, dollies, recording equipment, lighting, and also high-speed cameras, stop-motion drives, 10:1 ratio zoom lenses. Its manufacturing program includes a large variety of items for the professional filmmaker, such as: wide-angle adapters for zoom lenses, lens correlators, zoom lens control knobs with zoom limit stops, stop-motion motors, intervalometers, voltage regulators that handle 110-v/1/60 and 220-v/3/60 in the same unit, rotary converters to supply 110-v/1/60 a-c from 24-v d-c, nickel-cadmium camera batteries, microphone booms and geared camera wedges. Also provided are consultation and design services to assist the professional motion-picture producer in any special problems. All sales of equipment are handled by CSCI's sales affiliate, Camera Sales Center Corp.

**Address inquiries to:** Henry H. Hesse *at the address above.*

**Canadian Marconi Co.,** 2442 Trenton Ave., Montreal 16, Que., Can.

As Canadian agents for Marconi's Wireless Telegraph Co. Ltd. of Chelmsford, Essex, England, the firm's Broadcast and Television Station Equipment Department offers a sales engineering service covering the complete line of television studio and transmission equipment by Marconi's Wireless Telegraph Co. Ltd. The audio and broadcasting products of the Gates Radio Co. of Quincy, Ill., are also handled by Canadian Marconi Company.

**Address inquiries to:** Broadcast and Television Station, Equipment Sales, *at the address above.*

**Eagle Film Laboratory,** 4971 N. Elston Ave., Chicago 30, Ill.

Eagle Film Laboratory, Inc., was established in 1951, to meet the quality requirements of producers. The firm occupies its own new building on the Northwest side of Chicago, just off the Edens expressway. The services are: 16mm printing in color reversal, black-and-white positive, black-and-white reversal, color inter-negative and color positive. Other services include: edge numbering, conforming, optical and magnetic track transfer and ultrasonic film cleaning of all original materials and prints. They also do processing of black-and-white negative and positive. The firm is proud to be called "A 16mm Specialist Film Laboratory."

**Address Inquiries to:** Robert J. Yuskaitis *at the address above.*

**Ferrania, S.p.A.,** Corso Matteotti 12, Milano, Italy

The firm manufactures the following products: (1) motion-picture films of every type, sizes 35mm and 16mm, with production schedules which include both negative and positive films, in color and black-and-white; (2) graphic arts films and plates; (3) sound recording films; (4) magnetic tapes on cellulose acetate base and on polyesterine base, for all television applications; and (5) perforated films for magnetic recording, 35mm, 17.5mm and 16mm.

**Address inquiries to:** *the address above.*

**Guffanti Film Laboratories, Inc.,** 630 Ninth Ave., New York 36, N. Y.

Commercial motion-picture film processing has been carried on since 1929, and at the present address. The firm was originally incorporated under the name of Film Service Laboratories, Inc., then under the name of Guffanti Film Laboratories, Inc. since 1946, with no change in ownership. The laboratory has been under the personal supervision and direction of Paul Guffanti since 1929. Processed are motion-picture film of all types and widths from 35-32mm to 16mm; this includes developing of

negatives, making duplicate negatives, prints, duplicating of shrunken film and slitting 35-32mm negatives to 16mm. The laboratory processes feature motion-picture films, educational and industrial films, film TV shows and TV commercials as well as film processing for all branches of the armed services. The work performed also includes inserts and superimposed titles. The laboratory is a commercial laboratory with facilities available to all owners and producers of motion-picture film in black-and-white and Kodachrome.

**Address inquiries to:** *the address above.*

**Frank Holmes Laboratories, Inc.,** 1947 First St., San Fernando, Calif.

The firm has specialized in quality laboratory work for producers of 35mm color filmstrips and slides for about 15 years. All work is in color and restricted generally to the 35mm width. The facilities at the Laboratories include cameras for exposing single-frame or double-frame filmstrip masters, and for exposing duplicate slides from all types of original material on reversal or positive color printing film. Special aperture sizes are available for special requirements in either filmstrips or slides. Filmstrip release prints are printed by contact printing. Three motion-picture type processing machines are used to develop Eastman Color Print film, Ansco 547 reversal film and Eastman Color Negative films. Slides are mounted and imprinted automatically on custom-built equipment. Most of the equipment in the laboratory is custom-built or modified in the laboratory's machine shop. Slides may be ordered to be delivered in several types of special packages for display purposes. Mounts and packages are all manufactured in the plant.

**Address inquiries to:** *the address above.*

**Kin-O-Lux, Inc.,** 17 West 45 St., New York 36, N. Y.

Kin-O-Lux is a motion-picture film processing laboratory specializing in the 8mm and 16mm field with both reversal and negative-positive facilities available. Additional services are: color to black-and-white prints; work prints; color-to-color prints and both 8mm and 16mm raw stock, available from stock; custom developing on all types of black-and-white film; and rush service provided without loss of optimum quality.

**Address inquiries to:** *the address above.*

**Machtronic, Inc.,** 185 Evelyn Ave., Mt. View, Calif.

Founded in 1961, Machtronic, Inc. initially produced the MVR-10 television tape recorder. The MVR-10 went into production in late 1962, and the first models were delivered during the first quarter in 1963. The group which developed the MVR-10 was headed by Kurt R. Machein who has had a number of years of experience in the field of television tape recording and has made significant contributions to the art. The recorder is completely transistorized, weighs only 65 lbs., uses 1-in. tape, and in general is no more difficult to operate and maintain than a good audio recorder. The interest in the recorder has been such that it has been determined that a broadcast version of the recorder will be developed. This recorder will be designed to meet FCC specifications and planned for doing remote TV recording such as news and special events as well as commercials. The company plans to develop other products with particular emphasis on the simplification and reduction in size of broadband magnetic-tape memory systems.

**Address inquiries to:** David C. Thompson, Marketing Manager, *at the address above.*

**Milner-Fenwick, Inc.,** 3800 Liberty Heights Ave., Baltimore 15, Md.

As a producer of motion pictures of all types — from TV spots to documentaries and theatrical shorts — many productions are handled from their inception, through ideas, and scripting to the finished product. The company maintains a permanent staff to produce cartoon animation and live productions. Milner-Fenwick films have received top awards from Venice, Bonn, and the South African Film Festivals and Academy Award nominations. Main studios are located in Baltimore, Md., with sales and service offices maintained in Washington, D. C., and Cleveland, Ohio.

**Address inquiries to:** *the address above.*

**Nichion Company, Ltd.,** 146 Ushidate, Toyonaka-shi Osaka, Japan

Founded in 1947, the company is one of the leading firms in Japan specializing in the design and manufacture of motion picture equipment. The firm also specializes in stereophonic sound and other electronic equipments. Exports include projection equipment, such as the NA-7/70 Phirex Imperial 70/35mm; the NA-5 Super Phirex 35mm; the X-5FV Cineron 5kw/4kw xenon lamp and other theatrical equipments.

**Address inquiries to:** Trade Department at *the address above,* or Tokyo Trade Department, 1-3 Ginza, Chuo-ku, Tokyo

**N. J. Pappas and Associates,** 525 Decarie Blvd., Montreal 29, Can.

N. J. Pappas and Associates is a consulting film servicing the fields of broadcasting, film and acoustics. The group consists of engineers and architects, specializing in the complete design of radio and television stations or networks and film production centers, and providing an integrated service covering all aspects of design relating to these fields. These services include the detailed preparation of both Program Planning Briefs and Technical Briefs (encompassing radiation patterns and their approval), for radio and TV; layouts and operational flow recommendations; complete building architectural and structural designs, plant air-conditioning, heating and plumbing designs; sub-station, domestic lighting and power designs; acoustics, architectural and mechanical noise control details; complete planning and specifications of electronic systems relating to radio, TV and film production. Architects, mechanical, electrical and systems engineers are integrated within one organization, offering coordination and cumulative design experience. Designs by the firm are now located in Canada, West Indies, Africa and Asia.

**Address inquiries to:** *the address above.*

**PMI — Photo Methods for Industry,** 33 West 60 St., New York 23, N. Y.

PMI is a monthly magazine serving photographers, photo executives, technicians and other key personnel in the photographic departments of organizations in industry, business, science, government, research and education. Editorial content is primarily articles and columns by authorities on photographic technology in five major areas: still photography; motion-picture photography; photo-instrumentation; audio-visual aids; graphic-arts reproduction. In addition, PMI presents pertinent information on new products and literature offerings, along with events of various photographic societies and associations. A separate (13th) issue of PMI — the 200-page PMI Directory — is published in October and circulated to all PMI subscribers. The only Directory in the field, it contains descriptive data on products and serves as a comprehensive reference and buying guide listing supply sources, products, services, trade names, specifications and prices. PMI is a Gellert-Wolfman Publication.

**Address Inquiries to:** Wallace Hanson, Editor, *at the address above.*

**Sequential Electronic Systems, Inc.,** 66 Saw Mill River Rd., Elmsford, N. Y.

The firm specializes in ultra-precise speed-phase control and synchronization of electric motors of all types, and is currently producing complete systems for use in the fields of graphic information processing, tape recording, and camera synchronization. Products include a series of wide-band controlled capstan motor packages, precision frequency multipliers, and auxiliary equipment. Systems are presently operational for ground processing and in-flight gathering and recording of military reconnaissance information, synchronization of film to tape, frame-by-frame synchronization of cameras to any external reference (such as synchronization to radar pulses for down-range missile tracking), speed-phase control and indexing of rotating head assemblies in video and other extremely high-frequency tape recorders, and synchronization of power rotary drives by speed-phase control of eddy-current clutches and brakes. The heart of all of these systems is the Sequential Frequency Phase Lock (FPL) Control System (patent pending), a hybrid digital-analogue system (all solid state miniaturized modules) which inherently provides 100% accurate control of average shaft speed, and minimizes short-term speed perturbations (jitter) by virtue of its phase-locking control mode. Speed perturbations of less than one part per million, and phase locking to less than one second of arc can be achieved.

**Address inquiries to:** *the address above.*