New Sustaining Members

The Burbank Studios, 4000 Warner Blvd., Burbank, CA 91522 (213) 843-6000

The Burbank Studios is the Entertainment Industry's first total production center, combining an environment conducive to the creative process with innovational motion picture, video tape and record recording facilities staffed by the industry's most technically skilled personnel. This combination gives TBS the capability of providing every client or artist with each of the elements necessary for him to fully achieve all of his production goals. Our new electronic Video Tape complex was designed after a year and a half of research and utilizes the most modern lighting and scenery hoisting systems ever devised. Also unique are our large, orchestral music recording stage and our smaller, more intimate music recording stage both of which enable an artist to leave his session with a motion picture score on film or a 24-16-8-4-2 or monotape or a combination of any or all of these. Our dubbing facilities set a new high standard in dubbing stages, with 30 reproducers and 2 master recorders, each capable of vibrating synchronously at normal speed, 2 times normal speed or 7 times normal speed. Our complement of sound stages and permanent outdoor sets are among the largest in the world. At TBS every client is treated as a special individual thus enabling him to take full advantage of our outstanding production facilities.

Address inquiries to: The address above.

Cinemobile, 8560 Sunset Blvd., Hollywood, CA 90069 (213) 764-9900

The NEW number for complete location filming services from Cinemobile, Cinemobile Video Systems and Cine Sales and Services is 213/764-9900. Cinemobile has 20 fully equipped location filming vans, containing the industry's most advanced range of camera, lighting, sound and grip equipment. Vehicles are available to service everything from TV commercials to major motion picture locations. Cine Sales and Services provides sale and rental of the industry's most advanced cameras, sound and grip equipment. Complete selections of gels, globes, tapes and general production supplies are also available. Cinemobile Video Systems presents tomorrow's location taping van today. A joint venture with CFI, this vehicle rolls to a location equipped with twin RCA color recorders and Fernseh cameras, inboard generator, hydraulic camera platform and the famous Cinemobile air-suspension system.

Address inquiries to: The address above.

Guillotine Splicer Corp., 45 Urban Ave., Westbury, NY 11590 (516) 997-5566

Guillotine Splicer Corp. through its Professional Products Div. offers the film industry 33 types of Guillotine Gold Label Professional Film Splicers for every film configuration in existence. It also provides a special design service for fabrication to order of special application Splicers. Complete Gold Label Repair Services assure efficient repair and overhaul of film splicers as required. It manufactures a complete line of dry pressure-sensitive tape which includes clear or opaque splicing tape for all film sizes including frame line to frame line tape for 16mm film, processing splicing tape, cue-n-stop automatic sensing tapes in four different widths, blooping tape (black or silver) for picture and/or track 16mm, or 35mm, colored paper tape in four colors, black crepe photo tape, laboratory film slitters in table or power models for 16mm to 8 or super 8mm, 35mm to 16mm, universal film shrinkage gauges, core lock adapters and subtractive or additive high-speed panel printers. It also manufactures 8 models of portable splicing kits. Each contains in a heavy duty plastic attache case, a Guillotine Gold Label Splicer, spare U-blade, special screwdriver, nippers, grease pencils, splicer cleaner and three rolls of Guillotine Splicing tape. Through its Industrial and Amateur Div., Guillotine provides the Guillotine super 8 Splicers with Guillotine super 8 frame line to frame line dry pressure-sensitive optically clear or opaque splicing tape. These splicers, available with a metal or plastic base, are particularly suited for cutting, editing, and splicing super 8 single-system sound film. The splice block on these splicers is precisely 20 frames in length from one end to the film cutter blade at the other end. This provides a precise automatic reference for cutting at the picture gate or at the sound head as required. Using a wrap-around butt splice which clears the magnetic stripe, these Guillotine super 8 splicers do not mask the sound track at the splicer. Both models, like the professional Guillotine Gold Label Splicers, use non-magnetic stainless steel film cutters, tape punches, and tape U-blades to rule out the possibility of clicks or pops being introduced into the soundtrack by magnetized metal parts. An editor's workshop kit for industrial or amateur use and containing, in a heavy-duty plastic attache case, lint-free cotton gloves, grease pencil, colored paper tape, colored film leader, splicing tape, nippers hanging line, plastic film clips, film cleaner, and a pamphlet titled *Professional Film Tips* is also available.

Address inquiries to: The address above.

Mobius Cine Ltd., 565 Fifth Ave., New York, NY 10017 (212) 697-8620

Sales, rental and service on all major lines of professional motion-picture equipment. Exclusive East Coast Distributor of the new Mitchell/Wilcam W2+4 crystal 16. Mobius Cine Ltd. also welcomes inquiries on special problems requiring custom fabrication to your exact specifications.

Address inquiries to: Sy Cane.

O'Connor Engineering Laboratories, Inc., 100 Kalmus Dr., Costa Mesa, CA 92627 (714) 979-3993; (213) 627-4057

First engaged in the manufacture of fluid pan and tilt heads in 1952. The first 20 fluid heads were sold to Disney Studios and were the first fluid heads manufactured in this country. Today the company manufactures a complete line of fluid heads for motion-picture and video cameras weighing up to 200 lbs. The company also manufactures tripods and hydro-peds, resulting in a complete line of camera-support equipment known throughout the world. The company also maintains an office in Geneva, Switzerland for handling European sales.

Address inquiries to: The address above.

Photo Research Div. Kollmorgen Corp., 3000 N. Hollywood Way, Burbank, CA 91505 (213) 849-6017

Photo Research Div. of Kollmorgen Corp. is engaged in the design and manufacture of professional motion-picture and television light measuring equipment providing, specifically, professional exposure meters, color temperature measuring devices, colorimeters for use in the motion-picture printing industry. Photo Research also provides luminance and illuminance measuring instruments used in research and development in our industry; it recently introduced the Spectra MiniSpot for use by film practice projection personnel for measuring screen brightness and lumen output of the projectors. The company is involved in research and development work to continually improve the availability of state-of-the-art light-measuring instruments for motion pictures and television. The company is always interested in offering its services and technology where it may be of benefit to the industry and welcomes any inquiries as to development projects on new equipment which may be needed in the industry.

Address inquiries to: The address above.

Showchron America Corp., 9701 Wilshire Blvd., Beverly Hills, CA 90212 (213) 273-8740, 272-7856

Showchron America Corp. is a marketing, sales service and design organization for professional audio-visual systems. The heart of the expandable 16mm Showchron editing system is its proprietary "Single-Sprocket Drive" for picture and sound. This innovative film-transport system simplifies and speeds film handling and reduces film damage. Showchron's President, Peter Bergman, noted that the Showchron Eight-Plate is the first eight-plate console of American design and manufacture ever introduced. The products presently being marketed are manufactured by the Honeywell Company's Marine System Div. All Showchron products are covered by the Honeywell 1-year warranty and are drop-shipped from Seattle to Showchron customers.

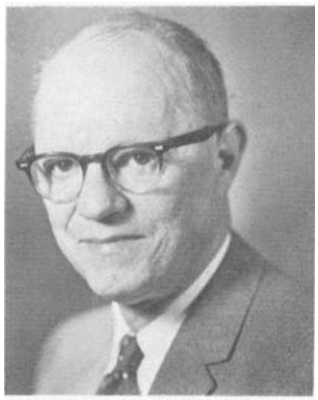
Address inquiries to: Garey Lundberg, National Sales Manager, at the above address.

Trans/Audio, Inc., 254 West 54th St., New York, NY 10019 (212) 265-6225

New York's post-production center, offering complete sound recording facilities including transfers, live studio recordings and mixing, as well as optical sound track recording, 16mm and 35mm edge numbering services and the rental of Steenbeck or Moviola-equipped cutting rooms. All sound recording studios are equipped for either 16mm or 35mm projection with "roll-back" and "pick-up" recording capability. The largest mixing studio, 24-ft × 40-ft has been equipped to allow the mixing of as many as 24 separate sound track elements consisting of varied combinations of single or multiple 35mm magnetic or 16mm magnetic sound tracks. This studio, primarily utilized for feature film mixing, is also used by the television, documentary and industrial film producer who requires this professional service.

Address inquiries to: John F. Vorisek or Mark Wortreich, at the above address.

Obituary



Eric M. Leyton

Eric M. Leyton died 26 February 1974 in Geneva, Switzerland, where he was attending a meeting of the International Radio Consultative Committee (CCIR) at the request of the State Department. He was 58 years old.

Born 20 February 1916 in London, England, he attended Faraday House College of London University where he received the degree of DFH (equivalent to EE) in 1938. He joined the Research Laboratories of General Electric Co. in Wembley, England, in 1938 and in 1945 he joined Rediffusion Ltd. in Wandsworth, London. In 1947 he joined the Research Laboratories of Electrical & Musical Industries, Hayes, near London, where he was in charge of a group engaged on the development of television transmitters. During that time he was responsible for the design, manufacture and installation of the Kirk O'Shotts and Wenvoe television transmitters (now the property of British Broadcasting Corp. and still among the most powerful transmitters in the world).

He came to the United States in 1953 to join RCA Corp.'s Research Laboratories in Princeton, N.J., and became a citizen of the United States in 1958. At the time of his death he was a Corporate Staff Engineer for RCA Corp. During his years with RCA Laboratories he worked on color television, television tape recording and on high-power radar transmitters.

He joined the Society in 1967. Other professional organizations of which he was a member included the Institution of Electrical Engineers (England) of which he was a Fellow; the Institution of Radio Engineers; and the Institute of Electrical and Electronic Engineers (of which he was also a Fellow).

He was an active participant in many engineering committees devoted to furthering the cause of Radio and Television Broadcasting. His considerable knowledge and expertise in these fields made him a unique and invaluable contributor to the cause of the state of the art. His many, many friends and colleagues will miss him.

standards and recommended practices

Draft American National Standards

Four Draft American National Standards, which are revisions of previous issues, are published here for a trial period and public review: PH22.37, Dimensions of Raw Stock Cores for Motion-Picture Films (revision of PH22.37-1963 and PH22.38-1964); PH22.135, Position, Dimensions and Reproducing Speed of Magnetic Sound Record on Regular 8mm Motion-Picture Film (revision of PH22.135-1962); PH22.159.3, Specifications for Super-8 Model I Motion-Picture Film Camera Cartridge Pressure Pad Flatness and Camera Aperture Profile (revision of PH22.159.3-1968); and PH22.164, Position, Dimensions and Reproducing Speed of Magnetic Sound Record on Super-8 Motion-Picture Film (revision of PH22.164-1969).

Although the documents are basically editorial revisions of earlier issues, minor modifications were made to conform to international standards format. Note that PH22.135 and PH22.164 no longer specify the dimensions of the recording head, only the recorded record on the film. Both drafts include an appendix which explains the problems encountered in the past when an accurate measurement of a recorded signal level was required.

Comments should be addressed to Alex E. Alden, Staff Engineer, at Society Headquarters prior to 1 October 1974. The proposals have been submitted to American National Standards Committee PH22. All comments received through *Journal* publication will be reviewed before conclusion of action by that Committee. — Alex E. Alden, *Staff Engineer*