

SUSTAINING MEMBERS

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

ATTAINMENT OF THE OBJECTIVES OF THE SMPTE IS AIDED BY THE FINANCIAL SUPPORT OF THE MEMBER COMPANIES LISTED BELOW

- Aaton des Autres, Inc.
Abekas Video Systems Inc.
Academy of Motion Picture Arts & Sciences
ADC Telecommunications, Inc.
A. F. Associates, Inc.
Agfa-Gevaert, N.V.
Wilhelm Albrecht GmbH Studlogerate
Allen Avionics, Inc.
The Allen Products Co.
Allied Film & Video
Alta Group
A.M.E., Inc.
Amber Technology Pty. Ltd.
American Society of Cinematographers
American Studio Equipment
Ampex Corp.
Amtel Systems, Inc.
Howard A. Anderson Co.
Angenieux Corp. of America
Anton/Bauer, Inc.
Aphex Systems, Ltd.
Arriflex Corp.
Kinetone, Inc.
Asaca/Shibasaki Corp. of America
The Association of Cinema and Video Laboratories, Inc.
Atlab Australia
Avid Technology, Inc.
Avitel Electronics Ltd.
B & B Systems, Inc.
Ballantyne of Omaha, Inc./Strong Intl.
Band Pro Film/Video, Inc.
BARCO N.V.
BAYRAK Radio & TV Corp.
BCS-The BroadCast Store, Inc.
BHP, Inc.
Birns & Sawyer, Inc.
Bose Corp.
Branch and Appleby Ltd.
Bremson Data Systems, Inc.
Broadcast Video Rentals, Ltd.
BTS; Broadcast Television Systems, Inc.
CAM-LOK, Inc.
The Camera Mart, Inc.
Camera Service Center, Inc.
Canon U.S.A., Inc.
Capital Cities/ABC, Inc.
Dwight Cavendish Co.
CBS, Inc.
CEI Technology
Century Precision Cine/Optics
Century Projector Corp.
Chapman/Leonard Studio Equipment
Christie Electric Corp.
- Alfred Chrosziel Filmtechnik GmbH
Chyron Corp. (a member of the Chyron Group)
Cinema Products Corp.
Cinematography Electronics, Inc.
CineMills Corp.
Cinequip, Inc.
Cipher Digital, Inc.
CMX Corp. (a member of the Chyron Group)
Coherent Communications, Inc.
Colorfilm Pty. Ltd.
Communications Engineering Inc.
Comprehensive Video Supply Corp.
Computer Prompting Corp.
Condor Broadcast Video Center
Conrac Display Products, Inc.,
(a Mark IV Industries Co.)
Consolidated Film Industries (CFI)
Convergence
Corporate Communications Consultants, Inc.
Cox Enterprises, Inc.
Cublicomp Corp.
Deluxe Laboratories
DeSisti Lighting/Desmar Corp.
Digital Equipment Corp.
Digital F/X, Inc.
Digital Processing Systems Inc.
Digital Video Systems Corp.
The Walt Disney Co.
DI-Tech Inc.
Dolby Laboratories, Inc.
DSC-Digital Services Corp. (a member of the Chyron Group)
Du Art Film Laboratories, Inc./Du Art Video
Dubner Computer Systems, Inc.
DYNAIR Electronics, Inc.
Dynamic Technology Ltd. (a member of the Intl. Generics Group of companies)
East Coast Video Systems (ECVS, Inc.)
Eastman Kodak Co.
ECHOlab, Inc.
Ediflex Systems
Elki International, Inc.
Evertz Microsystems Ltd.
Faroudja Laboratories, Inc.
FERCO, Inc.
Filmline Technologies
FOR-A Corp. of America
Fostex Corp. of America
Foto-Kem Industries, Inc.
FPC Inc. (a Kodak Co.)
Frezzaolini Electronics Inc.
Fujinon Inc.
Fuji Photo Film U.S.A., Inc.
Fumeo S.p.A.
- Adolph Gasser, Inc.
General Electric Co.
General Electronics Systems, Inc./Diaquest
Geocam Corp.
Alan Gordon Enterprises, Inc.
Graham-Patten Systems, Inc.
Grass Valley Group, Inc.
Gray Engineering Labs., Inc.
R/Greenberg Associates, Inc.
GRETAG Displays Ltd.
Guffanti Film Labs., Inc.
HEDCO Electronic Devices Corp.
Hitachi Denshi America, Ltd.
Hollywood Film Co.
Houston Fearless 76, Inc.
Hughes Communications, Inc.
Ikegami Electronics (U.S.A.), Inc.
Image Transform, Inc.
Image Video Ltd.
Imagica Corp.
Innovative Television Equip. dba ITE
International Cinema Equip. Co.
Intertec Publishing Corp.
Irene Film Laboratories (Pty) Ltd.
J & R Film Co., Inc.
JVC Professional Products Co.
KEM Elektronik Mechanik GmbH
Laumic Co., Inc.
LEE Colortran, Inc.
Leitch Video of America, Inc.
Lexicon, Inc.
Lider Cine Laboratorios S.A.
Lightmaker, a div. of Camera Platforms Intl., Inc.
Lowel-Light Mfg., Inc.
LTM Corp. of America
Magna-Tech Electronic Co., Inc.
Magni Systems, Inc.
MAG-ZON Inc.
Management Graphics, Inc.
Matthews Studio Equipment, Inc.
Maxell Corp. of America
McCurdy Radio Industries Ltd.
Merlin Engineering Works
Micron Audio Products, Ltd.
Microtime, Inc.
Microwave Radio Corp.
Midwest Communications Corp.
Miller Fluid Heads (USA) Inc.
3M Professional Audio/Video and Specialty Products Div.

Mitchell Camera Corp.
Mitsubishi Electric Sales America, Inc.
 Professional Electronics Div.
Mole-Richardson Co.
Montage Group, Ltd.
Moseley Associates, Inc.
Motion Picture Assn. of America, Inc.
Motion Picture Enterprises, Inc.
Motion Picture Promotion Corp.
Movilecam F. G. Bauer Filmtechnik GmbH
MPL Film & Video, Inc.
Multidyne Electronics, Inc.
NAC Inc.
Nagra Magnetic Recorders, Inc.
National Assn. of Broadcasters
National Broadcasting Co., Inc.
National TeleConsultants, Inc.
NEC America, Inc.
 Broadcast Equipment Div.
Neumade Products Corp.
NEVE
New England Digital Corp.
NHK Technical Services Co., Ltd.
Nikon Inc., Electronic Imaging
Norton Associates, Inc.
Novo Communications, Inc.
Nucomm, Inc.
NURAD
NVision, Inc.
O'Connor Engineering Labs
Odetics, Inc. (Broadcast Div.)
Okl Electric Industry Co., Ltd.
Optical Disc Corp.
OSRAM Corp.
Otari Corp.
Pacific Radio Electronics
Pacific Title & Art Studio
Paltex
Panasonic Broadcast Systems Co., div.
 of Matsushita Electric Corp. of America
Panavision, Inc.
Pandora's Other Box Ltd.
Panther Corp. of America
PERROTT Engineering Labs, Inc.

Peterson International Ent. Ltd.
Phillips Lighting Co.
Phillips Components
 Discrete Products Div.
Photo-Sonics, Inc.
Pinnacle Systems, Inc.
Plastic Reel Corp. of America
Posso S.A.
Production Film Makers
 Associates Ltd.
Professional Film & Video Equip. Assn.
Quanta Corp.
Quantel
Rangertone Research Inc.
 Multi-Track Magnetics
Rank Cintel Inc.
Rank Film Laboratories Ltd.
Rank Taylor Hobson Ltd.
RDS Corp.
Rebo Studio
Redlake Corp.
Research Technology International/
 Lipsner Smith Co.
Rosco Laboratories
RTS Systems
Ryder Sound Services, Inc.
Sachtler Corp. of America
Howard Schwartz Recording Inc.
Schwem Technology
Shoreline, Professional Video Systems
Showscan Film Corp.
Sigma Electronics Inc.
Sigma Film Equipment Ltd.
Skotel Corp.
Smart Theatre Systems
Solid State Logic Inc.
S.O.N. bv
Sony Corp. of America, Business and
 Professional Products Group
Sony of Canada Ltd.
 Communication Products Group
Spaceward Inc.
Spectra Systems, Inc.
Steady-Film Corp.
Steenbeck, Inc.

Strand Lighting
Studer Revox America, Inc.
Sunburst Lighting Inc.
Tajimi Electronics Co., Ltd.
TASCAM — Prof. Div. of TEAC Corp.
Teccon Enterprises Ltd.
Technical Film Systems, Inc. (TFS)
Technicolor, Inc.
Technisphere Corp.
Tektronix, Inc., Television Div.
Teledyne Camera Systems
Telemetry Inc.
Tentel Corp.
Theatre Equipment Assn.
Thomson Video Equipment
Tiffen Manufacturing Corp.
Time Base Consoles
Time Logic Systems
Tintoretto, Inc.
Todd-AO/Glen Glenn Studios
Toel Chemical Industry Co., Ltd.
Truevision
TSM (Total Spectrum Manufacturing, Inc.)
TVC Laboratories, Inc.
Tyler Camera Systems
Ultimate Corp.
Unilux, Inc.
Union Connector Co., Inc.
United Media, Inc.
Utah Scientific, Inc.
VEAM, div. of Litton Systems, Inc.
Video Accessory Corp.
Video Cable Comunicacion S.A.
Video Financial
Video Intl. Development Corp.
Videotek, Inc.
Vinten Equipment Inc.
Vistek Electronics Ltd.
Warner Bros. Studio Facilities
WaveFrame Corp.
Wide Range Electronics Corp.
WIKO Ltd.
YCM Laboratories
Yokohama Cinema Laboratories, Inc.

WHY BECOME A SUSTAINING MEMBER

The SMPTE is a nonprofit organization that depends, in large measure, on the generous support of its Sustaining Members to conduct its many activities that benefit the motion-picture and television industries.

Throughout the year, the Society sponsors miniconferences, seminars, and hands-on workshops. These serve to augment the monthly section meetings as a means of providing the latest technical information to the people in our industry.

The Television Conference, which started modestly, has grown in status and prestige. It has become the premier forum for the introduction of new television technologies such as HDTV and digital television recording. The national conference is the largest annual gathering in the television and motion-picture industries devoted to the presentation of technical papers and the interchange of ideas.

One of the most important activities in which the Society engages is in the aiding of establishing standards. Most notable recently was the establishment of the "C" format for 1-in. television recording and the Type D-1 Digital Video Recording standard. Current efforts concern production standards for HDTV

and investigation into the feasibility of 30 frames/sec as a new film production standard.

These activities have direct bearing on your organization's future, and members of your staff may already be involved in these engineering projects as individuals. Your support, at the corporate level, will help insure that these vital activities can continue.

In addition, here are some specific benefits of SMPTE Sustaining Membership:

- Listing of your company within the monthly *SMPTE Journal*.
- A complete description of your company and its services in the SMPTE annual *Directory for Members*.
- A subscription to the *SMPTE Journal* and the Society's monthly newsletter.
- A wood-mounted, metallic plaque.
- A press release announcing your company's joining the SMPTE.
- A discount for exhibiting at the SMPTE Technical Conferences.
- The distinction of being among more than 270 companies and organizations supporting the aims and activities of the SMPTE.

The Society invites applications for Sustaining Membership from other interested companies • Information may be obtained from Charles H. Jablonski, Chairman, Sustaining Membership Committee, NBC, 30 Rockefeller Plaza, New York, NY 10112, or from Society Headquarters. • Addresses and descriptions of Sustaining Members appear in the *Directory for Members*, published in April 1990.

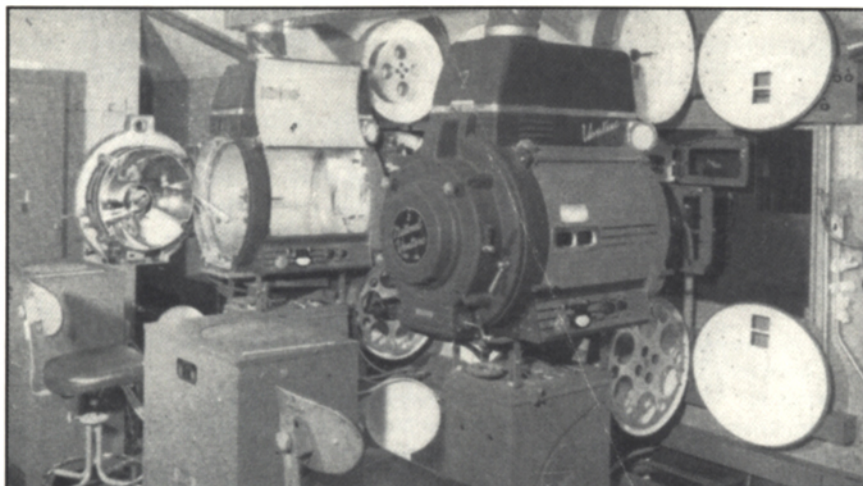
SMPTE Historical Reflections



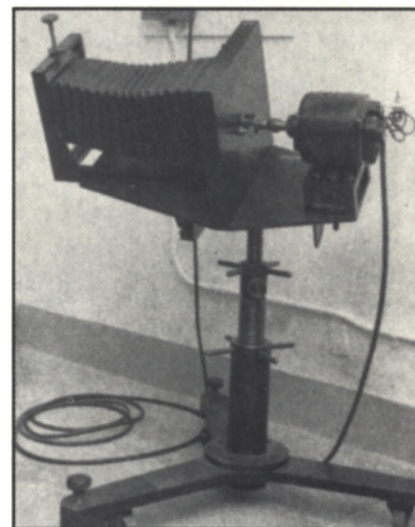
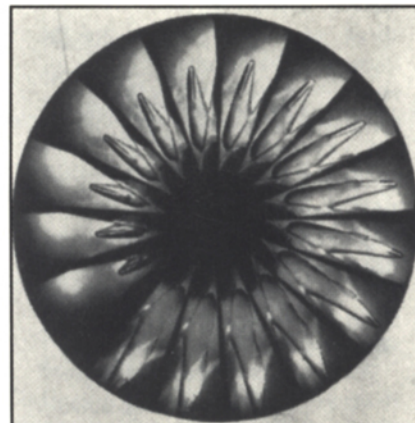
Transportable-type camera used in specially constructed studio. View shows Mrs. Wendell Willkie being interviewed by Mr. A. H. Morton, NBC vice-president in charge of television • *Televising the National Political Conventions of 1940* • H. P. See • *JSMPE*, January 1941



Scene on orchestra stage, showing convolutions of orchestra shell designed to improve acoustics • *The New Walt Disney Studio* • W. E. Garity and J. L. Ledeen • *JSMPE*, January 1941



Typical indoor blown arc installation • *Use of the Blown Arc Lamp in 35mm and 70mm Projection* • H. Plumadore • *JSMPE*, January 1966



(Top) Rotating-disc camera film showing oblique water entry of 2-in. diameter hemisphere-head missile; (Center) Rotating-disc camera: completely open; (Bottom) Rear view of camera • *Techniques for Metric Photography* • J. G. Waugh, A. T. Ellis, and S. B. Mellsen • *JSMPE*, January 1966