

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.	Century Projector Corp.	Harrison by GLW, Inc.
Abekas Video Systems Inc.	Chapman/Leonard Studio Equipment	HEDCO Electronic Devices Corp.
Academy of Motion Picture Arts & Sciences	Alfred Chrosziel Filmtechnik GmbH	Hitachi Denshi America, Ltd.
ADC Telecommunications, Inc.	Chyron Corp.	Hollywood Film Co.
A. F. Associates, Inc.	Cinema Products Corp.	Houston Fearless 76, Inc.
Agfa-Gevaert, N.V.	Cinemills Corp.	Hughes Communications, Inc.
Wilhelm Albrecht GmbH Studlogerate	Cinequip, Inc.	Ikegami Electronics (U.S.A.), Inc.
Allen Avionics, Inc.	Clark Wire & Cable Co.	Image Transform, Inc.
Allen Products Co.	Coherent Communications, Inc.	Image Video Ltd.
Allied Film & Video	Communications Engineering Inc.	Imagica Corp.
Amber Technology Pty. Ltd.	Comprehensive Video Supply Corp.	Imagine, Inc.
American Society of Cinematographers	Condor Broadcast Video Center	International Cinema Equip. Co.
Ampex Corp.	Consolidated Film Industries (CFI)	Intertec Publishing Corp.
Amtel Systems, Inc.	Convergence	Irene Laboratories
Angenieux Corp. of America	Corporate Communications Consultants, Inc.	J & R Film Co., Inc.
Anton/Bauer, Inc.	Cox Enterprises, Inc.	JVC Professional Products Co.
Aphex Systems, Ltd.	Deluxe Laboratories	Kem New York, Inc.
Arriflex Corp.	DeSisti Lighting/DESMAR Corp.	Leitch Video of America, Inc.
Kinotone, Inc.	Digital F/X, Inc.	Lexicon, Inc.
Asaca/Shibasoku Corp. of America	Digital Processing Systems Inc.	Lider Cine
The Association of Cinema and Video Laboratories, Inc.	Digital Video Systems Corp.	Lightmaker, a div. of Camera Platforms Intl., Inc.
Atlab Australia	The Walt Disney Co.	Lowel-Light Mfg., Inc.
Avid Technology, Inc.	Di-Tech Inc.	LTM Corp. of America
Avitel Electronics Ltd.	Dolby Laboratories, Inc.	Magna-Tech Electronic Co., Inc.
Ballantyne of Omaha, Inc./Strong Intl.	Du Art Film Laboratories, Inc./Du Art Video	Magni Systems, Inc.
Band Pro Film/Video, Inc.	Dubner Computer Systems, Inc.	MAG-ZON Inc.
BARCO N. V.	DYNAIR Electronics, Inc.	Management Graphics, Inc.
David Bayliss Ltd.	East Coast Video Systems (ECVS, Inc.)	Matthews Studio Equipment, Inc.
BCS-The BroadCast Store, Inc.	Eastman Kodak Co.	Maxell Corp. of America
BHP, Inc.	Ediflex Systems	Merlin Engineering Works
Blrns & Sawyer, Inc.	Evertz Microsystems Ltd.	Micron Audio Products, Ltd.
Bonded Services	Filmline Technologies	Microtime, Inc.
Branch and Appleby Ltd.	FOR-A Corp. of America	Midwest Communications Corp.
Bremson Data Systems, Inc.	Fostex Corp. of America	Miller Fluid Heads (USA) Inc.
Broadcast Video Rentals, Ltd.	Foto-Kem Industries, Inc.	Mitchell Camera Corp.
BTS Broadcast Television Systems, Inc.	FPC Inc. (a Kodak Co.)	Mitsubishi Electric Sales America, Inc. Professional Electronics Div.
CAM-LOK, Inc.	Fujinon Inc.	Mole-Richardson Co.
The Camera Mart, Inc.	Fuji Photo Film U.S.A.	Montage Group Ltd.
Camera Service Center, Inc.	Adolph Gasser, Inc.	Motion Picture Assn. of America, Inc.
Canon U.S.A., Inc.	GEPCO International, Inc.	Motion Picture Enterprises, Inc.
Capital Cities/ABC, Inc.	Alan Gordon Enterprises, Inc.	Moviecama F. G. Bauer Filmtechnik GmbH
Dwight Cavendish Co.	Graham-Patten Systems, Inc.	MPL Film & Video, Inc.
CBS, Inc.	Grass Valley Group, Inc.	Multidyne Electronics, Inc.
CEI Technology	Gray Engineering Labs., Inc.	NAC Inc.
Century Precision Cine/Optics	R/Greenberg Associates, Inc.	

National Assn. of Broadcasters	Rank Taylor Hobson Ltd.	Tentel Corp.
National Broadcasting Co., Inc.	RDS Corp.	Theatre Equipment Association
National TeleConsultants, Inc.	Research Technology International/ Lipsner Smith Co.	Thomson Broadcast Inc.
NEC America, Inc. Broadcast Equipment Div.	Rohde & Schwarz, Inc.	Thomson Video Equipement
NEVE	Rosco Laboratories	3M Professional Audio/Video
NHK Technical Services Co., Ltd.	Ryder Sound Services, Inc.	Tiffen Manufacturing Corp.
Nikon Inc., Electronic Imaging	Sachtler Corp. of America	Time Base Consoles
NVision, Inc.	Showscan Film Corp.	Todd-AO/Glen Glenn Studios
O'Connor Engineering Labs	Sigma Electronics Inc.	Toel Chemical Industry Co., Ltd.
Odetics, Inc. (Broadcast Div.)	Skotel Corp.	Trompeter Electronics
Optical Disc Corp.	Smart Theatre Systems	TSM (Total Spectrum Manufacturing, Inc.)
OSRAM Corp.	Snell & Wilcox	Ultimatte Corp.
Otari Corp.	Solid State Logic Inc.	Unique Business Systems
Pacific Radio Electronics	S.O.N. Facilities B. V.	United Media, Inc.
Pacific Title & Art Studio	Sony Corp. of America, Business and Professional Products Group	Utah Scientific, Inc.
Paltex	Sony of Canada Ltd. Communication Products Group	VGV, Inc.
Panasonic Communication & Systems Co.	Steenbeck, Inc.	Vicon Industries (Professional Products)
Panavision, Inc.	Strand Lighting	Video Accessory Corp.
Panther Corp. of America	Studer Revox America, Inc.	Video Design Pro
Pesa America Corp.	Tajimi Electronics Co., Ltd.	Video Intl. Development Corp.
Phillips Components Discrete Products Div.	TASCAM—Prof. Div. of TEAC Corp.	Videotek, Inc.
Photo-Sonics, Inc.	Teccon Enterprises Ltd.	Vinten Equipment Inc.
Pinnacle Systems, Inc.	Technical Film Systems, Inc. (TFS)	Vistek Electronics, Ltd.
Plastic Reel Corp. of America	Technicolor, Inc.	VYVX National Video Network
Posso S. A.	Technisphere Corp.	Wheatstone Corp.
Quanta Corp.	Tektronix, Inc., Television Div.	Yamaha Corp. of America
Quantel	Teledyne Camera Systems	YCM Laboratories
Rank Cintel Inc.	Telemetrics Inc.	Yokohama Cinema Laboratories, Inc.
Rank Film Laboratories Ltd.	Telex Communications, 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.

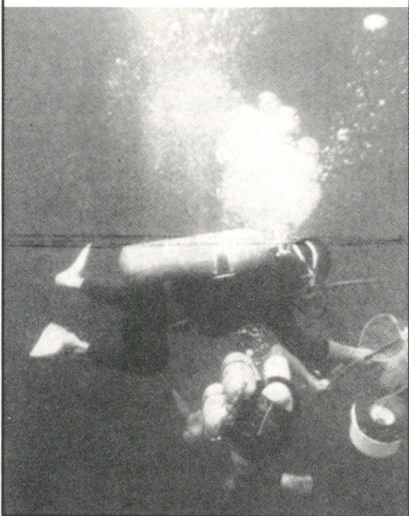
These activities have direct bearing on your organization's future, and members of your staff may already be involved in these engineering projects as individuals. Your support, at the corporate level, will help insure that these vital activities can continue.

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

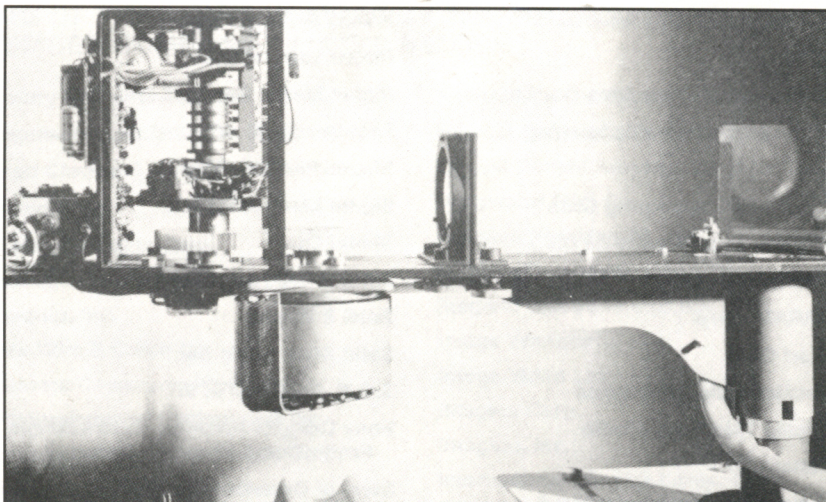
- Listing of your company within the monthly *SMPTE Journal*.
- A complete description of your company and its services in the SMPTE annual *Directory for Members*.
- A subscription to the *SMPTE Journal* and the Society's monthly newsletter.
- A wood-mounted, metallic plaque.
- A press release announcing your company's joining the SMPTE.
- A discount for exhibiting at the SMPTE Technical Conferences.
- The distinction of being among more than 207 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 May 1991.

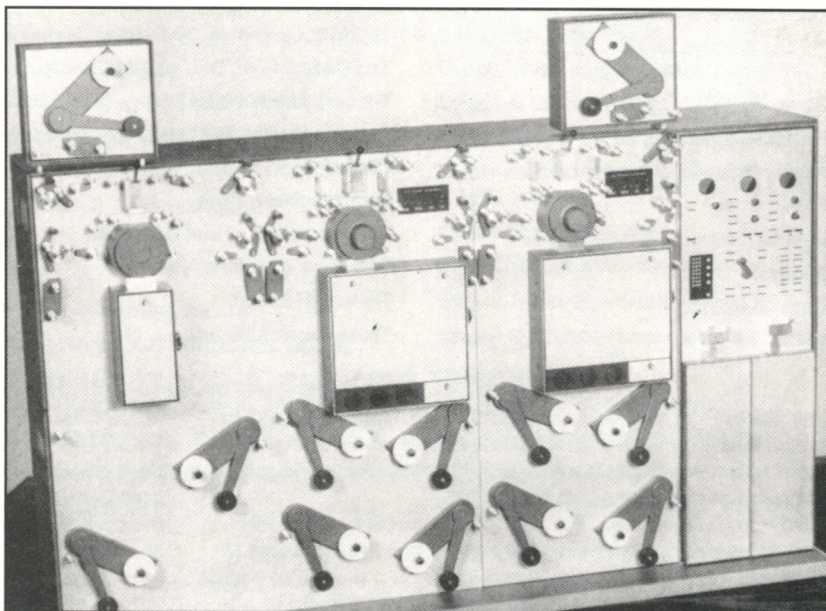
SMPTE Historical Reflections



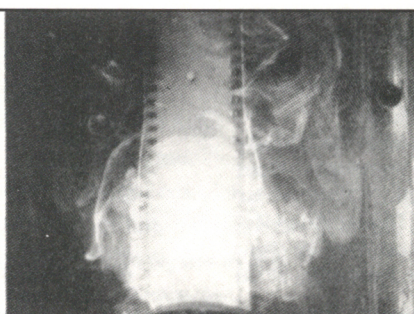
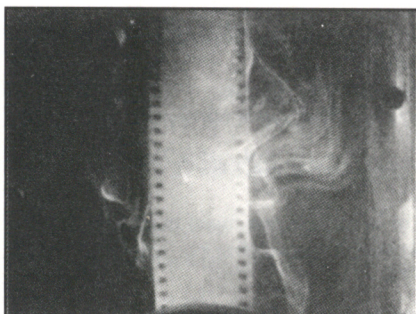
(Top) Large Nassau Grouper (about 25 lb) stares unafraid at camera. This unfamiliar position and lack of suitable background made it difficult to judge the size and type of fish; (Bottom) Divers ascending from deep water. Lack of reference background and unusual positions make it difficult to interpret scene • *Underwater Photography* • Lawrence E. Mertens • JSMPT, October 1966.



Equipment for creating the pilot frequency and the 2000-Hz signal for splicing • *A New System for Splicing Post-Synchronized Sound Recordings on Pilot-Frequency Controlled Tape* • O. Buehler and E. Gravenhorst • JSMPT, October 1966.



Triple head panel printer for A & B sound printing • *A New Continuous Color Printer for High-Speed Production* • Hans C. Wohlrab • JSMPT, October 1966.



Effects of ultrasonic agitation: (Left) horn at right angle to film; no power; film not in motion; (Center) initial disturbance of fluorescing layer when power is turned on; (Right) maximum disturbance with full power • *An Investigation of Agitation in a Continuous Immersion Film Process* • Walter C. Snyder • JSMPT, October 1966.