

# Obituaries

**Donald Fink** passed away at the age of 84. Fink joined the staff of *Electronics* magazine in 1934 as a writer, and later became the magazine's editor-in-chief. As such he was recruited by national committees charged with developing television standards. In 1949, he served as the chairman of the Radio Industry's Joint Technical Advisory Committee, advocating caution in the approval of color television, and one year later he was on a committee that worked to develop basic standards for color television.

Fink was the author of *Principles of TV Engineering*, which became the standard text for people working in television development. Among his other books was *Computers and the Human Mind: An Introduction to Artificial Intelligence*.

An SMPTE member since 1953, Fink's accomplishments were recognized in 1956 with a Journal Award for his paper "Color Television vs. Color Motion Pictures," published in the June 1955 issue; and the Progress Medal Award in 1979, given for his many years of continuous and significant contributions to the television field as an engineer, author, and editor. He was also a Society Fellow.

**Harold Greenberg**, president and chief executive officer of Astral Bellevue Pathe, Inc., passed away at the age of 66. Greenberg and his three brothers started the company in the 1950s with a single camera store in Montreal; it grew to some 100 stores across Canada as well as several photofinishing installations. Greenberg had been associated as a packager, producer, or co-producer of over 35 motion picture or television projects and, through Astral, in the financing of another 34 productions since becoming involved in the Canadian film industry in the early 1970s. Greenberg joined the Society in 1958 and became a Fellow in 1985. Also in 1985, his accomplishments were recognized with the Presidential Proclamation, for "his many contributions in the development of a strong and growing Canadian film industry and in meeting international standards of excellence, and for his continuous support of SMPTE activities."



**Fred Hynes** has died at the age of 88. In 1953, he joined Todd-AO to design that company's 6-channel sound facilities. He was eventually promoted to vice-president and general manager and held the position of executive vice-president at the time of

his retirement in 1985. An SMPTE member since 1953, Hynes was elevated to Society Fellow in 1964.

**Ted Fogelman** has passed away; he was 83. He joined the Society in 1948 and became a Fellow in 1962. He spent many years at Consolidated Film Industries, holding such positions as vice-president of production, lab superintendent, and superintendent of the 16mm division.

**Robert Johnson** was killed in a motorcycle accident on August 24, 1996, at the age of 59. Born in Hiawatha, Kans., he worked at the Grass Valley Group for 33 years, holding various positions and helping the company grow from a high-end audio supplier to the premier supplier of broadcast production switchers and related equipment. He had been a member of SMPTE since 1991.

**Erik Rasmussen**, an SMPTE member since 1952, has passed away at the age of 89. He began his career in 1930, converting silent movies to sound for Bang and Olufsen, Denmark. As head of sound at Palladium Studios, he was responsible for rebuilding his entire department after it was destroyed by sabotage in 1944. He has also worked as head of sound for Cinematographica Vera Cruz, in Sao Paulo, Brazil, and in the same capacity for Flamingo Studio of Copenhagen and ASA Film Studios (now the Danish Filmstudio). In 1982, Rasmussen was presented with the Samuel L. Warner Memorial Medal Award in recognition of over 50 years of continuing effort in the improvement of sound-on-film.



**Robert G. Buckley** passed away on June 22, 1996. He joined Technicolor Motion Picture Corp. in 1936 and served them in a number of technical and administrative capacities; he was technical supervisor of the company's Hollywood laboratory at the time of his retirement in 1979. Buckley joined the Society in 1946 and was made a Fellow in 1978.



**Raymond Balousek** has died at the age of 84. He began his career in still photography in 1929, and in 1936 he joined the Jam

Handy Organization, where for 14 years he worked on the development of color film strips. In 1952, he and his son Ron entered into a partnership that formed Producers Color Service, a company that specialized in motion picture animation, opticals, color film processing, and still photography. In 1974, the company opened a new division devoted to videotape production, post-production, and duplication services. An SMPTE member since 1953, Balousek was elected to Fellowship in 1970.

**Elwyn F. "Ted" Gardner** died on March 16, 1996, at the age of 67. He was an active participant in the Dallas/Fort Worth Section, serving in such capacities as Section Manager and member of the Educational Advisory Committee. A member of the Society since 1978, Gardner was retired from Southern Methodist University as Professor Emeritus after 24 years.

**James A. Gaspar** has passed away. A member of the Society since 1980, Gaspar was very active in SMPTE's engineering efforts, serving as a member of several committees and working groups and chairing P18.45 — Working Group on Subjective Test Materials. He was also a participant in ATSC activities. At the time of his death, he was manager/technical coordinator at Panasonic ATVL.

**Shreeprakash Agarwal**, founder of Cinecita, Cinerama, Ginefones, and Monee & Co. Pvt. Ltd., passed away on July 27, 1996, after a brief illness. Born on March 9, 1917, in Gorakhpur, India, he moved to Bombay in 1936 after having obtained a diploma in mechanical engineering. He later obtained a diploma in sound and radio engineering at X'viers Technical Institute in Bombay. He had many cinema installations to his credit in both Bombay as well as other parts of India. He is responsible for bringing many technologies to India, including widescreen and CinemaScope presentation. Agarwal had been a member of the SMPTE since 1986.



**Paul Hipple** has passed away at the age of 86. He joined the Society in 1951 and worked for many years as a motion picture projectionist.

The Society has just been informed of the death of **Vivian D. Armstrong** on May 10, 1995, at the age of 87. Before he retired in 1979, Armstrong worked for such compa-

# SYSTEMS ENGINEERING AND INTEGRATION

- ◆ Consulting
- ◆ Installation
- ◆ Systems Design
- ◆ Turnkey Systems
- ◆ Special Applications
- ◆ Integration Solutions

BCS - The Broadcast Store is proud to announce that, in addition to being the Number One supplier of broadcast products, we are now able to serve this ever-changing industry by adding a new division, **Systems Engineering and Integration**. **SEI** will be headed by **Sam Holtz** as its president. His vast experience can now be applied to your start-up and/or expansion projects. SEI will also help in the rejuvenation of your existing successful facility to help you leap forward with the new technologies.

SEI offers a comprehensive line of broadcast, audio/video engineering services from facilities planning and design through Integration and Installation. Mr. Holtz and his experienced, creative staff are available for your next project. Whether it's a single off-line editing system, complete post-production facility, production studio, multimedia setup, duplication center or a full scale broadcast system, SEI has the solutions to bring your project from concept through completion on time and within budget.

SEI specializes in unique applications including custom electronics design to meet your specifications or special requirements. SEI is your one-stop, worldwide, full service engineering facility.



CALL US TODAY 818.551.5860  
OR FAX US 818.551.0686  
1840 Flower Street, Glendale, CA 91201



nies as Consolidated Film Industries; RCA Redstone Pictorial Service Co.; and RCA Service Co., Missile Test Project. An SMPTE member since 1942, Armstrong became a Fellow in 1964.

**Allan DeLand** died suddenly on October 23, 1996, at the age of 79. DeLand had worked in the industry since the 1950s, and held such positions as film supervisor, Educational TV and Radio Center, Ann Arbor, Mich.; production engineer, Glen Glenn Sound, Pasadena, Calif.; and electronics and photographic engineer, Solana Studios, Naples, Fla. DeLand had been a member of the SMPTE since 1955.

**A. Howard Jones** passed away recently in a car accident. He retired from the BBC two years ago, after a distinguished 40-year career, most of which was spent at the BBC's Research Department (now R&D Department). During that time he had a considerable influence on the direction of the technical developments that were eventually to affect the BBC's

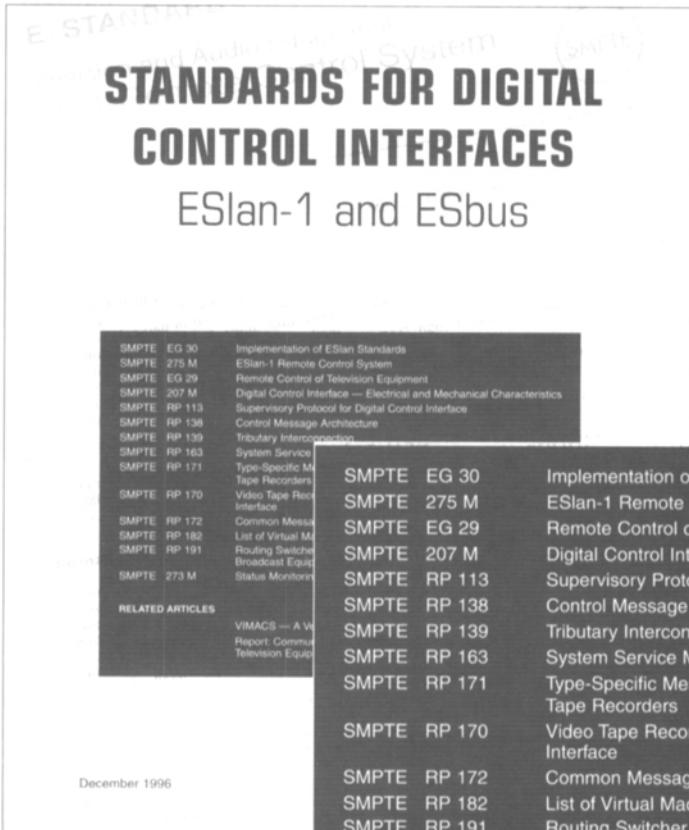


activities. In the mid 1960s, his pioneering work on color television cameras had laid the foundations for the BBC's launch of color broadcasting; in 1972 he led a research team that investigated digital recording and compression techniques. The span of his influence in more recent years had included satellite broadcasting,

optical fibers, subscription television, and the development of the RDS radio-data broadcasting system. Most notably, he was associated with the development of the NICAM television stereo sound system in the early 1980s, for which the BBC was granted a Queen's Award for Technological Innovation in 1992.

## Reaching SMPTE Staff by E-Mail:

- Fred Motts, Executive Director: [fmotts@smpte.org](mailto:fmotts@smpte.org)
- Carl Girod, Director of Engineering: [cgirod@smpte.org](mailto:cgirod@smpte.org)
- Jeffrey Friedman, Editor/Publisher: [jfriedman@smpte.org](mailto:jfriedman@smpte.org)
- John Izzo, Director of Marketing: [jizzo@smpte.org](mailto:jizzo@smpte.org)
- Andrew Zeyer, Finance Manager: [azeyer@smpte.org](mailto:azeyer@smpte.org)
- Aileen Moroney, Associate Editor: [amoroney@smpte.org](mailto:amoroney@smpte.org)
- Zoila Figueroa, Administrative Assistant: [zfigueroa@smpte.org](mailto:zfigueroa@smpte.org)
- Mark Hyman, Staff Engineer: [mhyman@smpte.org](mailto:mhyman@smpte.org)
- Marilyn Waldman, Advertising/Editorial/Program Coordinator: [mwaldman@smpte.org](mailto:mwaldman@smpte.org)
- Daureen Matera, Membership/Computer Services Coordinator: [dmatera@smpte.org](mailto:dmatera@smpte.org)
- Shellie Anderson, Conference Coordinator: [sanderson@smpte.org](mailto:sanderson@smpte.org)



SMPTE EG 30	Implementation of ESlan Standards
SMPTE 275 M	ESlan-1 Remote Control System
SMPTE EG 29	Remote Control of Television Equipment
SMPTE 207 M	Digital Control Interface — Electrical and Mechanical Characteristics
SMPTE RP 113	Supervisory Protocol for Digital Control Interface
SMPTE RP 138	Control Message Architecture
SMPTE RP 139	Tributary Interconnection
SMPTE RP 163	System Service
SMPTE RP 171	Type-Specific Messages for Digital Control Interface of Analog Audio Tape Recorders
SMPTE RP 170	Video Tape Recorder Type-Specific Messages for Digital Control Interface
SMPTE RP 172	Common Message for Digital Control Interface
SMPTE RP 182	List of Virtual Machine Numbers for ESlan Systems
SMPTE RP 191	Routing Switcher Type-Specific Messages for Remote Control of Broadcast Equipment
SMPTE 273 M	Status Monitoring and Diagnostics Protocol

SMPTE EG 30	Implementation of ESlan Standards
SMPTE 275 M	ESlan-1 Remote Control System
SMPTE EG 29	Remote Control of Television Equipment
SMPTE 207 M	Digital Control Interface — Electrical and Mechanical Characteristics
SMPTE RP 113	Supervisory Protocol for Digital Control Interface
SMPTE RP 138	Control Message Architecture
SMPTE RP 139	Tributary Interconnection
SMPTE RP 163	System Service Messages
SMPTE RP 171	Type-Specific Messages for Digital Control Interface of Analog Audio Tape Recorders
SMPTE RP 170	Video Tape Recorder Type-Specific Messages for Digital Control Interface
SMPTE RP 172	Common Message for Digital Control Interface
SMPTE RP 182	List of Virtual Machine Numbers for ESlan Systems
SMPTE RP 191	Routing Switcher Type-Specific Messages for Remote Control of Broadcast Equipment
SMPTE 273 M	Status Monitoring and Diagnostics Protocol

**RELATED ARTICLES**

VIMACS — A Vertical Interval Machine Control System  
Report: Communication Networks for the Remote Control of Television Equipment

In the 1980s, serial and parallel digital techniques were increasingly employed for the machine control of studio broadcasting equipment. Issues relating to machine protocol were addressed on both sides of the Atlantic — in the U.S. by an SMPTE Engineering Working Group, and in Europe, by an EBU Specialist Group.

The results of that work, as well as more recent efforts by the SMPTE on the ESlan-1 network standard, which employs data transmission features that are in common use in the computer industry, have been published by the Society.

**Standards for Digital Control Interfaces — ESlan-1 and ESbus** is comprised of 14 standards, Recommended Practices and Engineering Guidelines that total 195 pages. It also includes two historically related background articles on this subject. If purchased separately, these documents would cost \$225.00. The book is available to members for \$55.00 and to non-members for \$65.00.

**For Easy Ordering...** the Society can now be accessed via the Internet, with an order form that allows you to e-mail your order directly to Headquarters. SMPTE's site on the World Wide Web is located at <http://www.smpte.org/>

**SMPTE Books, 595 W. Hartsdale Ave., White Plains, NY 10607, FAX: 914-761-3115**

Please send me \_\_\_\_\_ copies of **Standards for Digital Control Interfaces — ESlan-1 and ESbus**, at the price of \$65 each (**\$55 for SMPTE members**) plus postage and handling.\*

Enclosed is my check for \$ \_\_\_\_\_. Charge to my (check one) \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard \_\_\_\_\_ AmEx

Card No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

\*Shipping (each book) UPS/US Mail: US: \$6.00; Canada and Mexico: \$7.00; Overseas (Air ship): \$12.00.