
INDUSTRY NEWS AND EDUCATIONAL ACTIVITIES

Pablo Weinschenk-Tabernero

Pablo Weinschenk-Tabernero, a Life Fellow of the Society, serves both the Engineering and Editorial Departments at SMPTE Headquarters in his double capacity as Test Film Quality Control Engineer and in the newly established post of Technical Adviser to the *SMPTE Journal*.

He was born in Berlin, Germany, and was educated at the Altes Gymnasium in Mainz. Upon graduation he entered the Professional School of Photography of the Letteverein in Berlin and completed his studies there, receiving his Diploma of Photography in 1929. He then started his motion picture career as an assistant to the famous German documentary filmmaker, Kurt Oertel. He left Germany in 1933 for Spain, where he acquired a knowledge of the Spanish language by reading Cervantes' *Don Quixote*. Within nine weeks, he had learned to speak the language fluently. His career as a photographer was interrupted when the Spanish Civil War caught up with him. From Spain he went to Holland to continue his work as a photographer, but he felt Holland was "too close to Germany," so he went to Argentina, where he lived for 30 years before coming to the United States in 1967.

In Argentina, he worked as Director of Photography and made about 40 full-length motion pictures, many of which received the highest critical acclaim. In 1947 he was awarded the Argentinian equivalent of an Oscar — the silver Condor. In 1957 he became Engineering Manager of Alex Laboratories Cinematograficos, S.A., in Buenos Aires, where he remained until he left to come to the United States in 1967. He also served as Professor of Motion Picture Photography at the School of Fine Arts at the University of La Plata, Argentina, from 1960 to 1967.

Upon coming to the United States, he was employed by Moviab, Inc., first as Training Director of Technical Personnel, and then as a member of the engineering staff in charge of optical printing equipment design and maintenance. He is the joint owner with Moviab of a patent on a liquid gate circulating system.

In 1970, he joined the SMPTE Headquarters staff, where he held various posts in the Engineering and Editorial Departments.

Pablo Weinschenk-Tabernero is an accomplished linguist, speaking fluent English, French, German and Spanish. He is a member of the American Translators



Association, and is also a member of FKTG, the German sister society of the SMPTE.

His hyphenated name came about because the German name of Weinschenk was difficult to pronounce in Spanish. Tabernero is the exact translation of Weinschenk, and in Spanish-speaking countries he is known as Sr. Tabernero. The English translation of Weinschenk (and of Tabernero) is Innkeeper.

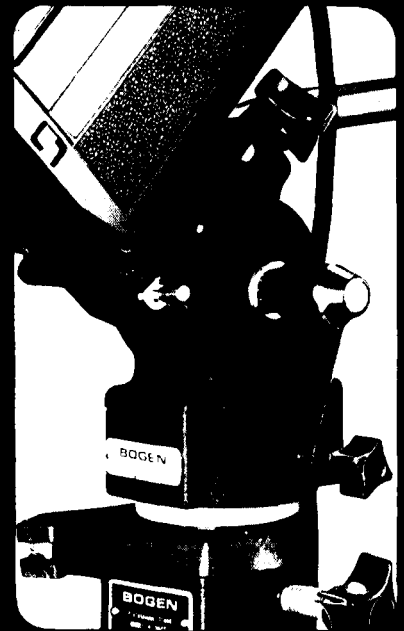
Weinschenk-Tabernero joined the SMPTE in 1939. He was made a Fellow in 1976.

The Texas Broadcast Museum recently opened in Dallas covers 100 years of broadcast-related history, including antique cylinder phonographs and Victrolas and early television sets. It contains a replica of a 1957 television station that includes four black-and-white cameras and one of the first videotape recorders.

The Federal Communications Commission, in a landmark ruling, has given conditional approval to a petition filed by Visions, Anchorage Alaska's multi-point distribution service company, requesting direct access to international satellites. The decision will enable Visions and its affiliated cable operation, MultiVisions, to streamline the satellite delivery-reception process and obtain special programming on a more cost-effective basis. By obtaining authorized user status, MultiVisions, Inc., will become the only independent pay-TV system in the United States with direct access to the international satellites.

"It's a victory for the little guy, said MultiVisions President Bob Gould, "during the long legal battle over this issue we encountered considerable opposition from several large common carrier companies who didn't want to relinquish certain rights

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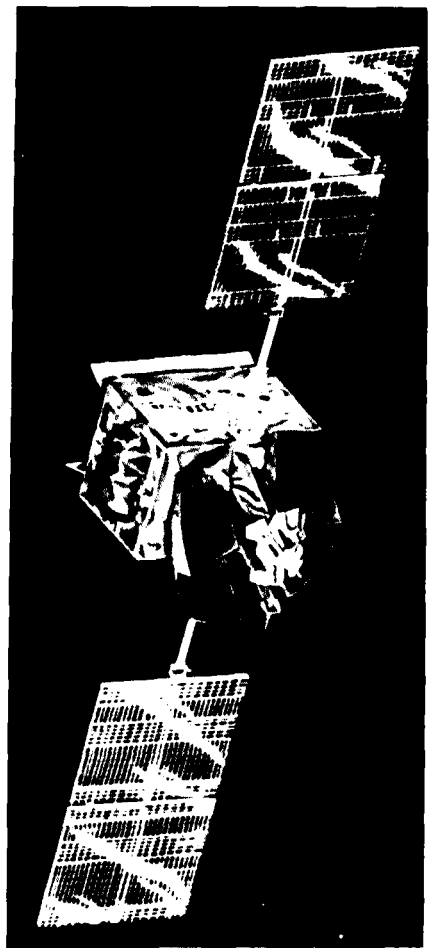
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they enjoyed regarding foreign satellite transmission. We have always felt, however, that since we have the technological capability to receive these signals, our subscribers should have the opportunity to see them." MultiVision maintains its headquarters at 4792 Business Park Blvd., Anchorage, Alaska 99503.

The RCA Satcom III-R, the third in RCA's series of domestic communications satellites, was launched on November 19, 1981. From an altitude of about 23,000 miles it

will provide high quality reception for millions of cable TV subscribers and give them a wider choice of cable and pay TV programming. Developed and built by RCA Astro-Electronics in Princeton, N.J., for RCA American Communications, also of Princeton, the spacecraft has 24 channels, each capable of carrying an FM/color TV transmission. The 2,385 lb satellite went aloft on a Delta 3910/PAM-D launch vehicle and was placed in a 132° west longitude orbital position over the equator.

The first RCA Satcom was launched in 1975 and the second in 1976. The space-



craft are controlled from tracking, telemetry and control earth stations at Vernon Valley, N.J., and South Mountain, Calif. An antenna at Astro-Electronics monitors spacecraft performance. The RCA Satcoms are basically repeater stations, receiving signals from various earth locations and beaming the signals back to down to about 1,400 receiver antennas. Without the spacecraft, thousands of miles of ground cables and microwave links would be required to perform the same task. Satellite channels not used for TV can carry 1,000 voice circuits or 64 million bits-per-second of computer data.

The space vehicles are self-contained and have attitude control trusters, thermal control, propulsion, ranging and telemetry equipment. The satellites cover all 50 states and Puerto Rico. Presently there are more than 4,000 earth stations with direct access to the satellites.

Shown above is an artist's rendering of RCA Satcom III-R as it looks when it is in orbit.

A stainless steel sculpture entitled *Filmstrip U.S.A.*, an imposing tribute to the film industry, was unveiled recently in Culver City, Calif. The sculpture, shaped like giant film strips, is 18 feet high, 32 feet long, and weighs seven tons. The sculpture was commissioned by Culver City to commemorate its contributions to American cinema. Shown above is *Filmstrip*

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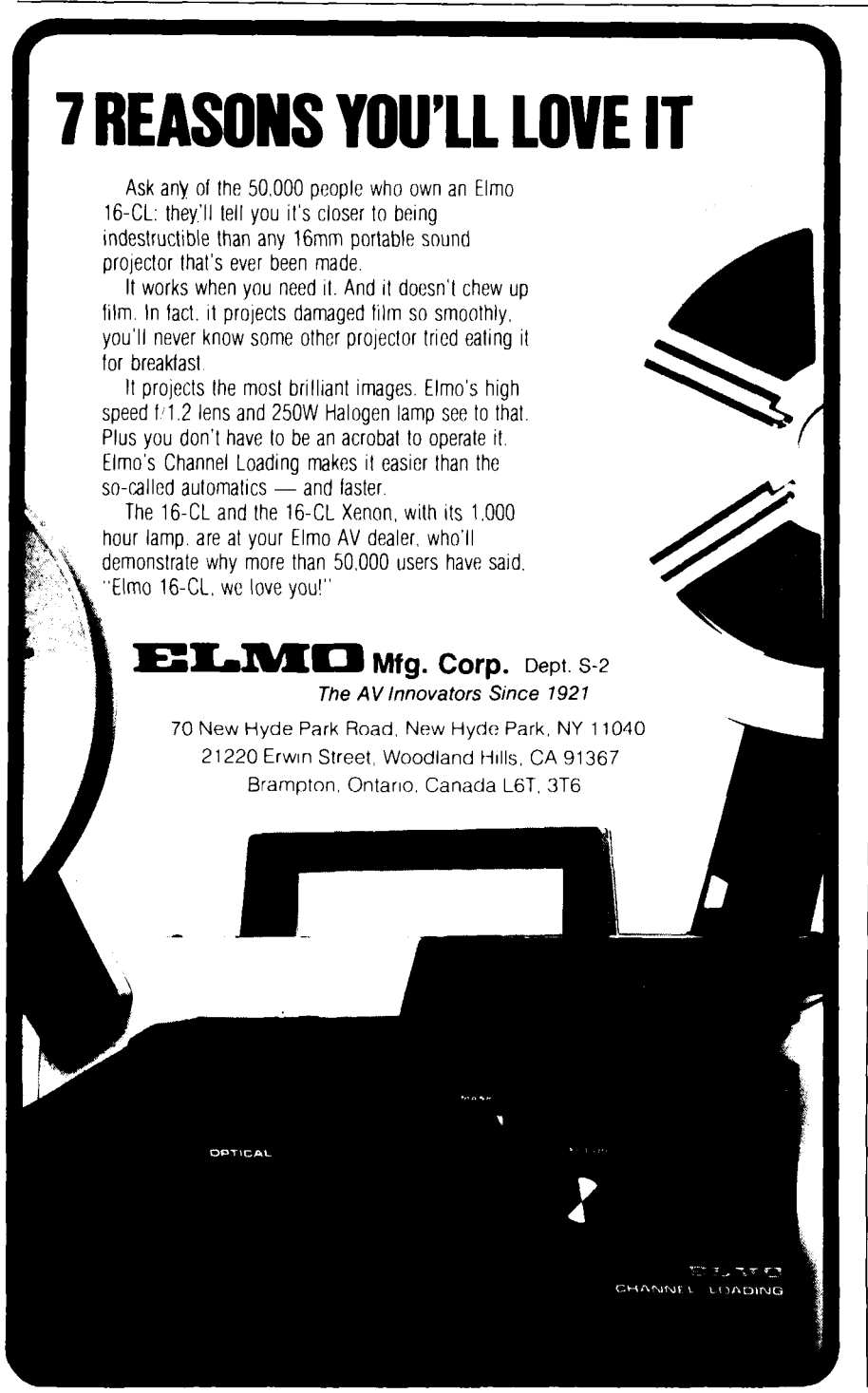
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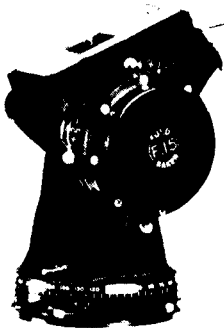
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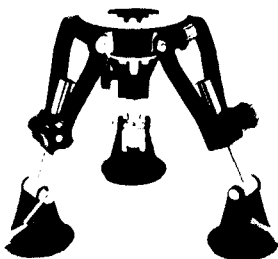


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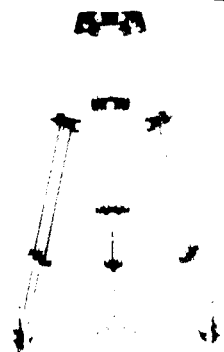


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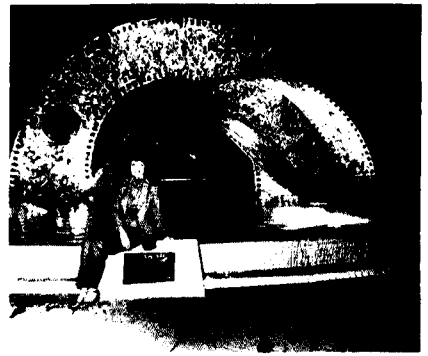
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U.S.A. with sculptor Natalie Krol, who created the massive work of art, one of the largest stainless steel sculptures in the world.

The British Broadcasting Corp.'s new television transmitters, called **Silver Streak**, have been installed at the Braemar relay station, which serves more than 500 homes in upper Deeside. The Silver Streak transmitters, designed by BBC engineers, are reported to be cheaper and simpler to maintain than their predecessors but that they perform even better. Unlike previous transmitters, the central module of each unit is the same, regardless of which channel the unit broadcasts, thus fewer spares are needed, maintenance costs are less and in the event of breakdown, repair time is reduced.

Charles P. Ginsburg, Vice-President Advanced Technology Planning, Ampex Corporation, delivered the 1981 Shoenberg Memorial lecture on November 5 for the Royal Television Society at the Royal Institution in London. Ginsburg was head of the Ampex team that in 1956 completed the development of a practical videotape recorder and thereby revolutionized the television industry. In recognition of the 25th anniversary of the invention of videotape, Ginsburg discussed the early days of its development.

The Shoenberg Memorial Lecture is given annually to commemorate the life and work of Sir Isaac Shoenberg as a tribute to a man who became known as "the father of high definition television." He was knighted in 1962 for his services in the development of both television and sound recording.

Irwin W. Young, Du Art Film Laboratories, New York City, has been re-elected President of the Association of Cinema & Video Laboratories. Other re-elected officers are: Vice-President, J. Lampert Levy, Newsfilm Laboratory, Inc., Los Angeles; Treasurer, John Newell, Western Cine Service, Denver; Secretary, Burton Stone, Deluxe General, Inc., Hollywood; Executive Secretary, Dudley Spruill, Washington, D.C.

Raymond A. Eynard has been appointed Manager of the Technical Services Group recently formed by Albert Chemicals, Division of Nashua Corp., 3650 Market St., St. Louis, MO 63110. The new group offers technical consultation on photographic processing and quality control. Eynard was formerly Area Manager of Albert's Pacific Northwest Sales Region. He was associated with Agfa-Gevaert for 11 years, serving as Technical Manager of the Motion Picture Department.

Stephen Low and the National Film Board of Canada won the Best of Show Award in the Information Film Producers of America (IFPA) 1981 Cindy competition for *Challenger: An Industrial Romance*. The award was given to Low, who directed the film for the NFBC, at the Cindy Awards ceremony held November 1, 1981. The film also won a gold Cindy in the documentary category of competition. The hour-long documentary was more than a year and a half in production. It traces the development of the aircraft and the impact it had upon the manufacturer, Canadair, which gambled \$200 million in bringing the project to fruition. The film story traces the determined efforts of Canadair's management, marketing staff and engineers to make the project succeed. *Chal-*

lenger was mainly originated on Eastman Color Negative II film in the 16-mm format; however, some critical scenes documenting the Challenger's maiden flight were recorded on Eastman Color Negative II film in the 35-mm format.

IFPA sponsors the annual Cindy competition. The Cindy film awards are co-sponsored by the Motion Picture and Audiovisual Markets Division of Eastman Kodak Company.

Ed Clare has been appointed National Sales Manager for Cinema Products Corp., according to an announcement from Ed DiGiulio, President. Prior to the appointment to his new post, Clare was Assistant to the President. As National Sales Manager Clare will concentrate on strengthening Cinema Products' domestic dealer network to meet the requirements of marketing the expanding line of professional video and motion picture equipment.

Cinema Products Corporation, 2037 Granville Ave., Los Angeles, CA 90025, has been appointed as distributor in the Western Hemisphere for the new Moviecam 3N motion picture camera system, according to an announcement from Ed DiGiulio, President of Cinema Products.

The system, designed and manufactured by Fritz Gabriel Bauer in Austria, is an extremely versatile camera system. It can be used for all phases of 35-mm cinematography in the studio and on location. The camera is quiet (under 20 dBA) and lightweight (29 lb with 500 ft magazine and prime lens).

Cinema Products Corporation, 2037 Granville Ave., Los Angeles, CA 90025, has been appointed Western States distributor for Ikegami's new EC-35 video camera for electronic cinematography. The portable EC-35 utilizes $\frac{2}{3}$ -in low capacitance diode gun Plumbicons. It was specifically designed for using film production and lighting techniques when shooting video. The optical system accepts a variety of prime and zoom lenses designed by Canon and Fujinon especially for the EC-35, with familiar viewing angles similar to those of professional cine lenses. The EC-35 primes are fully interchangeable without affecting registration and color balance. The EC-35 optical system permits full utilization of the $T/1.5$ capability of the Canon set of five high speed prime lenses. This capability together with its S/N ratio of 57 dB minimum makes possible shooting in low light level situations.

Editing video tapes? Make frame-accurate edit decisions in still-frame and slow motion! And free-up an audio track too!

The Model 2602 vertical interval time code (VITC) system, when added to any SMPTE/EBU time code-based video tape editing system which uses popular helical scan VTRs, will record and read time code in the vertical blanking interval of the video signal so the code can be used during editing to make decisions, even when the tape is stopped or moving in slow motion.

The code readers in the 2602 can read VITC at all speeds from still-frame to full wind, subject to adequate VTR demodulator output and transport dynamics at high speeds. Therefore, in these cases, longitudinal time code need not be used at all, freeing an audio track for other use. The 2602 can also be used to free-up an audio track in editing systems which use VTRs with other formats by using VITC for editing and control track pulse updating in conjunction with VITC during cueing.

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