NEWS

Barry C. Detwiler named SMPTE Television Engineer

Barry C. Detwiler has joined the Engineering Department at SMPTE Headquarters as the Television Engineer. He has had extensive experience in various aspects of television engineering, motion pictures, and data communications.

An alumnus of Fairleigh Dickinson University (M.S. degree in 1974), his professional career actually began some years ago when he programmed and generated computer status reports for Naval Headquarters. Following that, he was with Philips Broadcast Equipment. Computer display systems design evaluation was his responsibility during a subsequent stint at NCR in Ithaca, N.Y., where he had previously attended Cornell University.

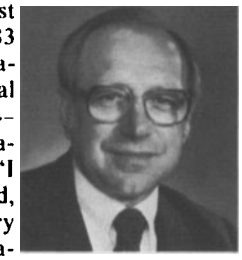
Immediately prior to his appointment to the SMPTE Engineering Department, he was with JVC, New Jersey, as Manager of Technical Services, a post he had held since 1975. Among other responsibilities, he was in charge of training programs and publications for technical personnel in the operation and maintenance of equipment such as U-format and VHS videocassette recorders as well as color TV cameras.

A member of the SMPTE since 1968, Barry has served on the TV Colorimetry and the Helical Video Recording Subcommittees.

One of his hobbies is photography, which makes him one of the many SMPTE members (and others) who use cameras to enhance their lives and expand their awareness of the world about them. He also has a deep appreciation of music, ranging from classical to authentic folk music, and publishes a bimonthly newspaper called the *Arts Magazette*. In his few leisure moments he plays the harmonica, getting from it a surprising variety of melodious tunes.

Barry's wife, Marie, is an officer at a well-known bank in New York City. The Detwilers reside in Pompton Lakes, N.J.

William A. Koch, Vice-President and General Manager, Motion Picture & Audiovisual Markets Div., Eastman Kodak Co., was a guest speaker at the 1983 Manila International Film Festival held January 24–February 4 in Manila, Philippines. "I am proud," he said, "that our industry is truly international in scope. I know of no other industry that has done more and can do more to enlighten, inform, and, hopefully, improve understanding between people of all nations."



He told the audience that film has universal appeal because the creative aspects of visual communications can be understood by anyone, regardless of language or background, and also because of the standardization of motion pictures — 35-mm or 16-mm films can be projected anywhere in the world.

"But the best is yet to come," Koch said, "as we are now learning to combine the best of the classic motion-picture sensitized goods with the exciting possibilities electronic technology offers."

As an example, he described a new product from Kodak, Datakode™ magnetic control surface. He explained that Kodak had developed a method of applying an

INVITATION TO EXHIBIT PRODUCTS RELEVANT TO FILM AND VIDEO ARCHIVING

STOCKHOLM, JUNE 2-3, 1983

Invited to participate are all manufacturers of products useful in various aspects of film and video handling e.g.

1. The Physical Handling of Film and Video Material: equipment for winding, measuring, cleaning, splicing, inspection, damage repair etc.
2. The Technical Documentation of Film and Video Material: mechanical and for electronic systems collecting and reading physical data.
3. Storage Control Storage Short and Long Time STGGJ: shelving vehicles, climate control systems, refrigeration systems and modules.
4. The Restauration Processes: film to film to video and back to film: printing and laboratory equipment for all gauges, including non-standard transfer between image carriers with attention to material stability and visual quality control definition, color retrievance, etc.

Your audience will be Chief Technicians and Archive Directors from 72 different countries around the world assembled in Stockholm, June 1-4, 1983 at the International Symposium.

Archiving of the Moving Image in the 21st Century, the symposium and exhibition will be organized as a part of the 39th yearly congress of FIAF (Federation Internationale Des Archives Du Film) in collaboration with FIAT (Federation Internationale Des Archives De Television). The entire event will take place in the Filmhouse in Central Stockholm. Host and responsible organizer is the Swedish Film Institute. Please fill the order form below (cut or copy) and mail it to us before May 15, 1983.

Our company hereby orders booth space of _____ square meters.

A. With Screenflex screens (steel framed canvas, 0,98 x 2,4 meters) at SW Crown 450 per square meter.
B. With white studio screens (1,0 x 2,5 square meters) at 400 SW Crown per square meter.
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Our company hereby orders screen space of _____ square meters for printed information only.

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Please note that minimum booking is 6 square meters.
Vat 23,65 is not included in above mentioned prices.

Special requests, location, electric power, water, etc._____

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Please return to SWEDISH FILM INSTITUTE/CINEMATEKET
P.O. Box 27126, 10252 Stockholm, Sweden

More informatiom and order forms available from Secretariat of Symposium,
Anna-Lena Wibom, Swedish Film Institute

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extremely thin layer of magnetic response material to the entire back surface of film during the manufacturing process. Although optically transparent, the Datakode surface is capable of recording at least 100 binary bits of information in a single track for each picture frame — more than enough space to record the standard 80-bit SMPTE time code.

In conclusion, Koch pointed out that "The marriage of film and electronics offers a range of possibilities for tomorrow's imaging; the synergistic relationship between the two presents exciting opportunities for the motion-picture industry."

Digital television signals to the recently approved CCIR Standard have, for the first time, been successfully transmitted by optical fiber link between two television studio centers, according to an announcement from the British Broadcasting Corp. The experimental transmission used equipment developed and built by the BBC Research Department at Kingswood Warren. The optical fiber cable contains eight graded-index multimode fibers and was installed by British Telecom in the existing ducts between the BBC studios at Lime Grove and Television Centre, a path length of about 800 meters. The signals were carried on a single fiber, the basic bit rate of 216 Mbit/sec being increased to 270 Mbit/sec by channel coding. A direct modulated 820 nm laser transmitter was used, the power launched into the fiber being 600 W. As the television signal was carried in separate component form, pictures of original RGB quality were obtained at the receiving terminal.

1983 should be the best year for the audiovisual industry since 1979 in terms of overall dollar gain, according to information from Hope Reports, Inc., 1600 Lyell Ave., Rochester, NY 14606. A noteworthy aspect of the slide medium in 1982 was the number of computer systems coming on the market to generate slides. An estimated two percent of all original slides made in 1982 (470 million) came from computer-generated systems.

The second largest audiovisual medium, video, was more prone to recession pressures, although sales of videocassette recorders in the home entertainment market were strong; however, corporations have been cutting back on capital expenditures and large video system installations were victims of the economy. Videodisk equipment sales were weak.

A number of small, portable units combining videorecorders with a receiver were introduced, among them three units introduced by projector manufacturers, Eiki International, Dumont (formerly Fairchild), and MPO Videotronics. These units all use ½-in. VHS tape. Hitachi introduced a ½-in. VHS system and Technicolor developed a ¼-in. system.

Film continues to be widely used; for example, sales of educational films increased in 1982.

Court Actions: Hope Reports noted two major court actions affecting copyright and piracy which took place in 1982. In one action, three educational distributors (Learning Corp. of America, Encyclopaedia Britannica Education Corp., and Time-Life Films) sued the New York regional education unit in Buffalo (BOCES — Board of Cooperative Educational Services). The suit was finally settled — after a year and a half — in favor of the plaintiffs. BOCES was found guilty of illegally copying films and other copyrighted materials sold by the distributors.

The second suit was brought by Walt Disney and MCA against Sony, and several others, for encouraging videotaping of TV programs in the home. The trial court found in favor of Sony, et al.; the Court of Appeals reversed the decision; the suit reached the Supreme Court which has agreed to hear the case.

A significant aspect of these and similar cases, according to Hope Reports, is that modern technology and the rights of creators are in direct conflict. How and when this conflict will be resolved and by what means and by what compromises is still in the field of speculation.

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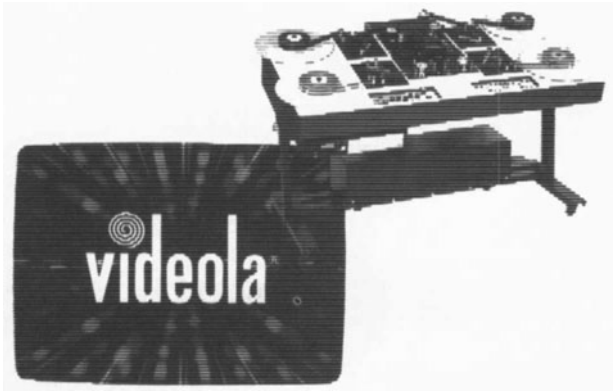


John J. Burlinson, Jr., has been appointed Director of Marketing for Strong International with headquarters at Strong Electric Corp., 87 City Park Ave., Toledo, OH 43697.

Burlinson entered the film industry in 1964 with *Motion Picture Herald* and *Motion Picture Daily*. In 1970 he joined National Screen Service Corp. in a public relations capacity, and in 1972 he was named General Manager of the Simplex Manufacturing Plant in Paramus, N.J. He returned to National Theatre Supply's New York Headquarters in 1975 as General Operations Manager, a post he held until 1977 when he became associated with EPRAD, Inc., in Toledo. There he served initially as Vice-President and General Manager, and in 1980 he was elected President.

From 1967 to 1971, Burlinson was Executive Director and Treasurer of the Theatre Equipment and Supply Manufacturers' Association, a predecessor organization to Theatre Equipment Association (TEA). He is currently Secretary of the TEA and has served also as Vice-President and Board Member.

Quad/Eight Electronics, a firm that manufactures professional audio systems, has been acquired by Kenneth C. Davis, Jr., who will become President of the company. Robert L. Bennett, who founded Quad/Eight in 1962, will remain with the firm as Chairman of the Board.

Quad/Eight manufactures custom audio consoles which are in use throughout the world. In 1975, the firm received a Technical Achievement Academy Award with the citation, "for the engineering and construction of new audio control consoles designed by Burbank Studios Sound Department and the Samuel Goldwyn Studio Department." Currently, the firm is nearing completion of a film console said to be the largest ever produced. The 24-ft, 108-input stereo dubbing 5 console for the Burbank Studios embodies the latest technologies developed by Quad/Eight.

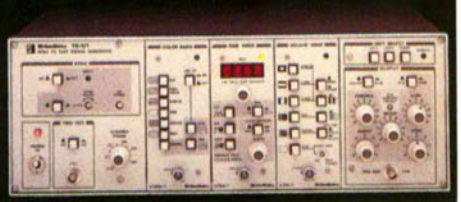
The firm is headquartered at 11929 Vose St., North Hollywood, CA 91605.

Kenneth C. Davis, Jr. (L) Robert L. Bennett.

Fuji Photo Film U.S.A., Inc., has opened a new office and distribution center in the Atlanta suburb of Norcross, Ga., bringing to six the number of Fuji distribution centers throughout the U.S. Fuji's headquarters are in the Empire State Building in New York City.

The new facility contains 5,000 ft^2 of office space and 25,000 ft^2 of warehouse space. Some of the Fuji products stocked in the new warehouse will be imported directly through the port of Savannah in order to gain faster and more cost-efficient distribution. Fuji Photo Film U.S.A., Inc., is the American subsidiary of Fuji Photo Film Co., Ltd., Tokyo, a leading supplier of a wide variety of photographic products, including motion-picture film and audio, video, and computer magnetic recording materials.

The Videographic Systems of America (VSA) is a new firm created by combining leading French telecommunications, electronics, and software organizations to bring teletext and videotex to America. VSA announced full support of the North American Broadcast Teletext Specification (NABTS) standard. The organizations that formed VSA have had a longstanding relationship with CBS and NBC in support of the NABTS standard. VSA further



TG-7 TEST SIGNAL GENERATOR

The TG-7 TEST SIGNAL GENERATOR is a unique system which contains a total of 48 different signals and functions and may also be completely automated with the optional IEEE-488 interface bus. Because of its modular design, you may select the perfect configuration for your facility and then expand at any time. Its special features are . . .

- A main frame with sync generator, color lock, gen lock with the VBS or sync with color burst.
- Chroma phase may be varied 360°
- Signals may be remote controlled by using the optional IEEE-488 interface bus.
- Seven modules are available: LINEARITY, SIN², COLOR BAR (10 signals), SINE WAVE, SQUARE WAVE, NOISE TEST, and a VITS Generator.
- Complete drives system (VBS), Sync, Black Burst, Sub Carrier, Burst Flag, and Blanking - Stability of ± 5Hz.
- Output amplifier with R-Y, B-Y modulator is built into the main frame and allows variations of the Brust, Luminance, Chroma, Sync, and pedestal level, available in NTS C and PAL.

226 COLOR BAR GENERATOR

The 226 is a COLOR BAR GENERATOR designed for use as a testing and adjustment device for ENG applications. The unit contains split field color bars and a programmable prom to generate station identification as well as a 1 KHz oscillator and a odBm output signal at 600 ohms. The 226 may be operated on both AC or DC power and it is available in NTSC only.

CB53A1 COLOR BAR GENERATOR CHARACTER GENERATOR

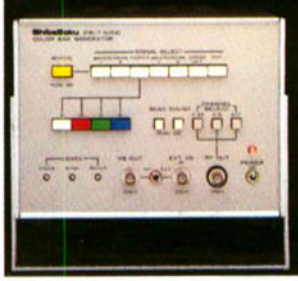
The CB5 3A1 combines a COLOR BAR GENERATOR and CHARACTER GENERATOR in one versatile instrument you can take right into the field for remotes and on-location shooting. It generates SMPTE and Y/REF color bars, plus red bar, black burst, multiburst, cross-hatch and dot signals. Standard NTSC sync signals and the gen-lock function are built in.

You can insert character information into each signal using a special keyboard with Random Access Memory that retains the signals even if your power is lost. The CB53A1 gives you a total of 31 character spaces on 2 lines.

- Black burst output.
- Selectable black or white background, four characters.
- External or internal switching for video and audio signals.
- Output range of +8 dBm ∼-50 dBm for 400 Hz and 1 kHz audio signals.
- RF signal on USA channels 3,4 and 6.
- AC-DC operation.
- Available in NTSC.

216 COLOR BAR GENERATOR

The 216 COLOR BAR GENERATOR is adaptable to all video service applications. It contains 2 color bar signals, Red, Green, Blue, & White Rasters, and 4 cross hatch & dot patterns. With this versatile instrument, you may obtain a video output as well as use the unit as a TV channel modulator with an internal or external video signal (2 VHF, 1 UHF). For audio, a one KHz signal is generated internally and modulated to form an RF signal.
The 216 is available in NTSC, PAL B, M, N, and SECAM.



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"TO RELIEVE MY CAMERAMEN'S BACKACHES AND MY

Art Biggs coordinates major engineering purchases for the six Corinthian stations. After careful evaluation of all the ½-inch camera/recorders on the market, he made a multi-million-dollar purchase of the Sony Betacam™ system.

"Betacam has several pluses. The most obvious of them are size and weight. We have one-man camera crews at all our stations. The camera/recorder that they take into the field is right at 54½ pounds. Betacam will reduce this load by more than half - a significant reduction.

"As for quality of playback, you can see the difference with the naked eye. Its superiority is most apparent in scenes of fully saturated colors, particularly reds. It's cleaner. It doesn't have quite as much of the heavy, stringy-type noise we've grown to tolerate over the years.

announced that it had signed a contract with NBC to supply a full NABTS network teletext system by which NBC will provide national distribution of teletext on the NBC Television Network. CBS, which has been working with VSA's partners for the past four years, will be continuing that relationship by installing VSA-supplied equipment to put NABTS teletext on the CBS Television Network.

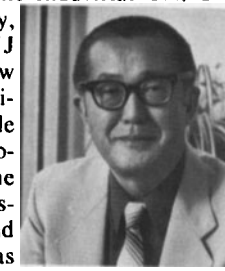
Videographic Systèmes, VSA's parent company, is owned 51 percent by Thomson CSF. Other partners are Cap Gemini Sogeti and Steria, software manufacturers; Compagnie Française des Cable Téléphoniques, and Sofratev, the engineering arm of Télédiffusion de France; the newspaper, *Les Echos;* Compagnie Continentale de Signalisation; and Unitel, a manufacturer of teletext equipment.

VSA has designed a complete NABTS teletext production system, providing head-end equipment, composition capability in full NABTS graphics, and database computer with automatic modules permitting cycle control, advertising, and acquisition of wire-copy.

The system will be connected to VSA's diffusers and multiplexers to feed the television networks. When installed, stations will be able to receive the national feed and rebroadcast it during network shows or, with special equipment, have it on the air at all times.

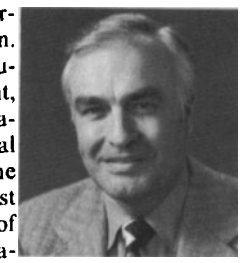
Philip Rigby & Sons Ltd. is a new firm established at 14 Creighton Ave., Muswell Hill, London, N10 1NU, England. The firm manufactures and supplies film, video, and audio equipment.

Koichi Sadashige has been appointed General Manager, Audio Video Systems Division, Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. In his new post he will be primarily responsible for the overall operation of the Audio Video Systems Division, and he will continue as Managing Director, Matsushita Avionics Systems. Sadashige joined Matsushita Electronic Corp. of America, Panasonic's parent company, in January, 1979, as Director of Engineering Development. In June, 1980, he was named Managing Director, Matsushita Avionics Systems.



Sadashige was graduated from the California Institute of Technology in 1953, having earned the M.S. degree. Following graduation he joined RCA, where he remained until 1978.

Donald V. Kleffman, Vice-President and General Manager of Ampex Corp.'s Audio-Video Systems Div., has been assigned to the International Division. He will be Executive Vice-President, Ampex International, and General Manager of the Americas, Far East (AMFE) area of Ampex International. In his new post he will have world wide responsibilities for the company's video marketing activities. Kleffman will continue as Corporate Vice-President, reporting to Charles A. Steinberg, Executive Vice-President and Chief Operating Officer.



Mark L. Sanders succeeds Kleffman as Division General Manager. Cliff Moggs, AMFE General Manager, has been appointed Area Manager of the Europe, Africa, Middle East (EAME) area, succeeding Gerhard K. Wick, who will be transferred to another position within the company.

Ampex Corp. is headquartered at 401 Broadway, Redwood City, CA 94063.

Daniel F. Masse has been appointed Vice-President, Engineering, for the ADDA Corp., 130 Knowles Dr., Los Gatos, CA 95030. He was formerly Vice-President, Engineering, Video Systems Div., Harris Corp., Sunnyvale, Calif. Earlier he had been Vice-President, Engineering, Broadcast Div. Harris Co., Quincy, Ill.