NEWS

Editor's Note: *The letter below was sent to members of the Washington Section by its Chairman, James R. Messenger, Penguin Productions Ltd. It was thought that the message contained in the letter would be of interest to all SMPTE members.*

June 15, 1982

Dear SMPTE Members:

As the 1981-82 year draws to a close the Board of Managers would like to take a moment to thank our members, speakers, and the companies who have made it possible for their personnel to be involved in our Section's programs and activities. The interest you have demonstrated in our monthly effort confirms our belief in the worthwhile purpose of the Society of Motion Picture and Television Engineers. The exchange of information and ideas that takes place at our meetings and the opportunity for fellowship and enlarged contacts in the industry through our activities surely benefits us all.

And it is in that vein that we express a hearty welcome to those listed in this mailing. A large and growing member body is without a doubt the lifeblood of our Society. We hope that each and every one of you, new member and continuing member, will actively participate in SMPTE by attending our regular meetings — which are open to members and non-members alike — and to participate in other ways by speaking, helping us arrange interesting and worthwhile programs, serving on committees such as our All-Day Technical Seminar and pursuing your interests with our national organization as well.

We are a service organization run by members for members. Never hesitate to get in contact with any member of the Executive Board whenever you have a question or want to make a suggestion to aid or improve our programs. We are looking forward to another excellent year of programs starting this fall and hope to meet you then! All good wishes to you.

Sincerely,
James R. Messenger,
Chairman, Washington, D.C. Section,
The Board of Managers

Robert M. Smith (R) receives the Certificate of Fellowship in the BKSTS from John Aldred, BKSTS President.

Robert M. Smith Honored by BKSTS

Robert M. Smith, Past President of the SMPTE, has been elected a Fellow of the British Kinematograph Sound & Television Society in recognition of "his many contributions to film laboratory engineering and processing techniques."

Smith, who is Executive Vice-President of Du Art Film Laboratories and President of its Video Division, has been with Du Art for more than 30 years and, during that time, he has been instrumental in the development of techniques representing significant advances in laboratory practice. Among other developments noted in the Fellowship Citation, he was largely responsible for the design of an automatic timing corrector which, combined with the (then) new computer technology, was the first step leading to the use of frame count cueing by Du Art.

In addition to his technological attainments, Smith has achieved the goal he outlines when he was elected SMPTE President — that of making the Society "truly an international society of world importance . . ."

In accepting the Fellowship Award, Smith noted informally that the BKSTS is the sister Society of the SMPTE, and that these two great organizations, so closely aligned, have been in the forefront of the impressive advances that have been and are being made in the areas of their mutual interests.

The BBC's Engineering Training Department has developed a new method for training students in the fundamentals of television engineering. Based on the "packaged learning" concept, the students work at their own pace using demonstration equipment supported by specially written learning texts. The overall package, which consists of two main racks of equipment plus four supporting books and a VHS tape, covers the fundamentals of television engineering. Scanning is covered first, together with synchronization and interlace. Picture signal processing is covered next, including clamping and gamma correction. It takes the average student about two days to master the basic fundamentals before moving on to the colorimetry section.

Engineers at BBC's Training Department teach themselves the fundamentals of television engineering using the packaged learning concept.

The colorimetry section deals with the principles of color vision and the simulation of spectral colors using additive mixing techniques. This section concludes with an investigation into the signals required to convey the color television information. The students take about a day to cover the section. The color fundamentals demonstration equipment provides for the generation of RGB components, allowing the student to build up a conventional color bar waveform from its constituent parts. Facilities are provided to allow students to matrix, code, and decode PAL, PAL-D, and NTSC signals. The original RGB signal is displayed on an oscilloscope and split-screen color monitor.

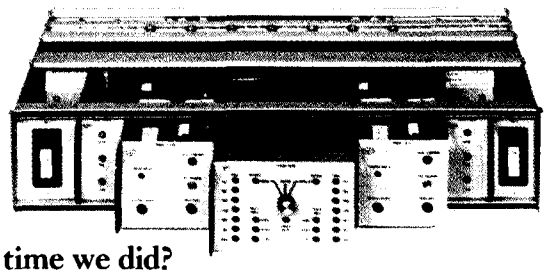
The third and final section of the package, which includes support literature and a videocassette tape, describes the coding

Who's Pulsing the Editors?

Convergence, CMX, Datatron, and Videomedia know something about RS-170A Sync Generators that you should know.

These and other leading manufacturers are committed to producing the ultimate in quality videotape editing equipment. How? By using the PMG-312 Master Sync Generator system to test and pulse their editing systems.

The complete dual sync system consists of a dual power supply frame, two RS-170A Generators, and an Automatic Changeover. The Automatic Changeover meters each generator pulse and DC voltage for fault indication. The PMG-312 offers chrominance subcarrier with an accuracy of .35Hz stability over a one year period. Subcarrier to horizontal phase relationship is maintained in reference to line 10, RS-170A. Black burst is optional. Professional broadcast quality at very attractive prices. Two year parts and labor warranty.



These manufacturers of editing systems know who's pulsing the system and now so do you. Is Lenco pulsing your editing equipment? Don't you think it is time we did?

Lenco, Inc., Electronics Division 300 N. Maryland St. Jackson, Missouri 63755.
Telephone: (314) 243-3147

Engineered and manufactured in the United States LENCO *The Professionals' Choice*

"OUR NEW SONY ALL KNOWN

"Finally there's a ¾-inch recorder that doesn't just inch along," says Fred Rheinstein, president of The Post Group.

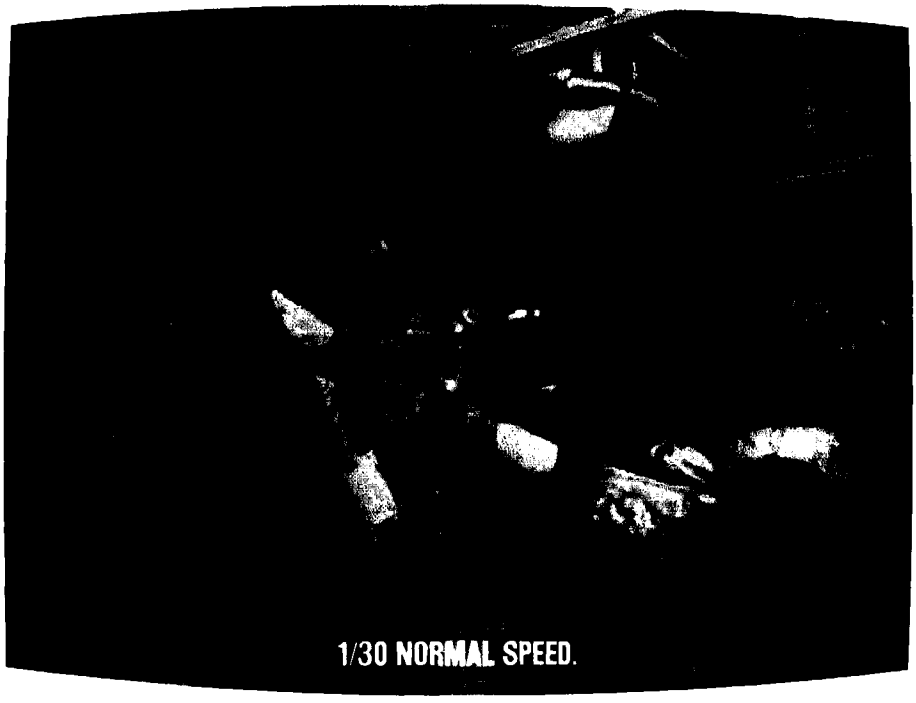
A major post-production facility in Hollywood, The Post Group counts among its clients all three networks, PBS, and major cable TV and syndicated production companies. It will edit the new syndicated children's show "We're Moving" entirely on the BVU-800.

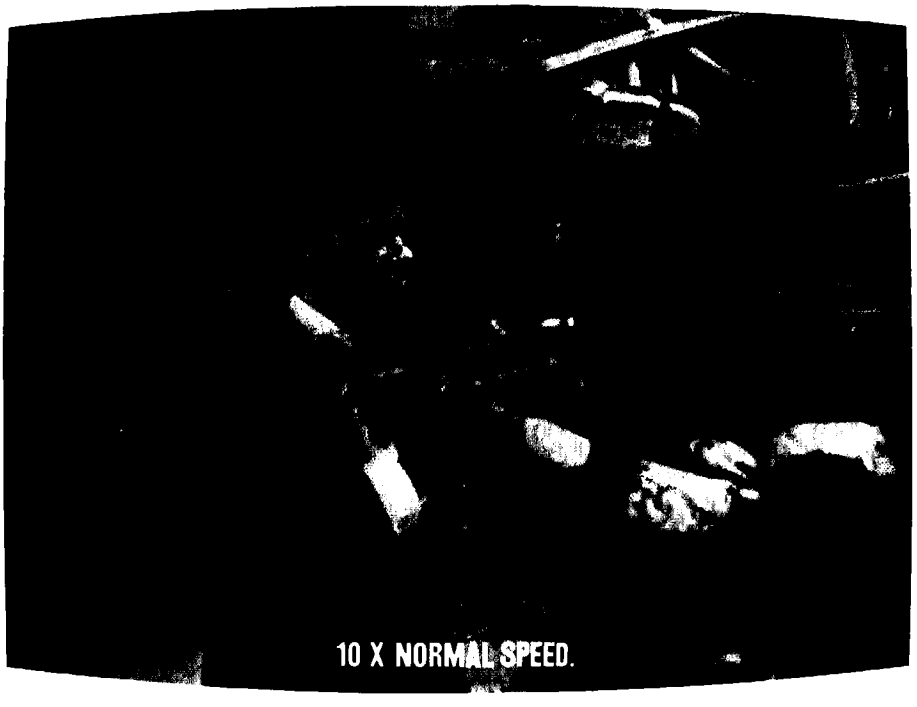
"The 800 is amazingly fast. To be able to go backward and forward at 40 times play speed means you can search for your edit points—and find them—more than twice as fast as ever before," continues Rheinstein. "And this machine goes from its highest speed to a still frame. Instantly. Without slewing or breaking up.

"It also has a direct-drive system, which promises greater reliability and accuracy.

"We have extremely critical clients," says Rheinstein. "They're used to the best performance, in terms of picture quality and in terms of flexibility. This new Sony can deliver it.

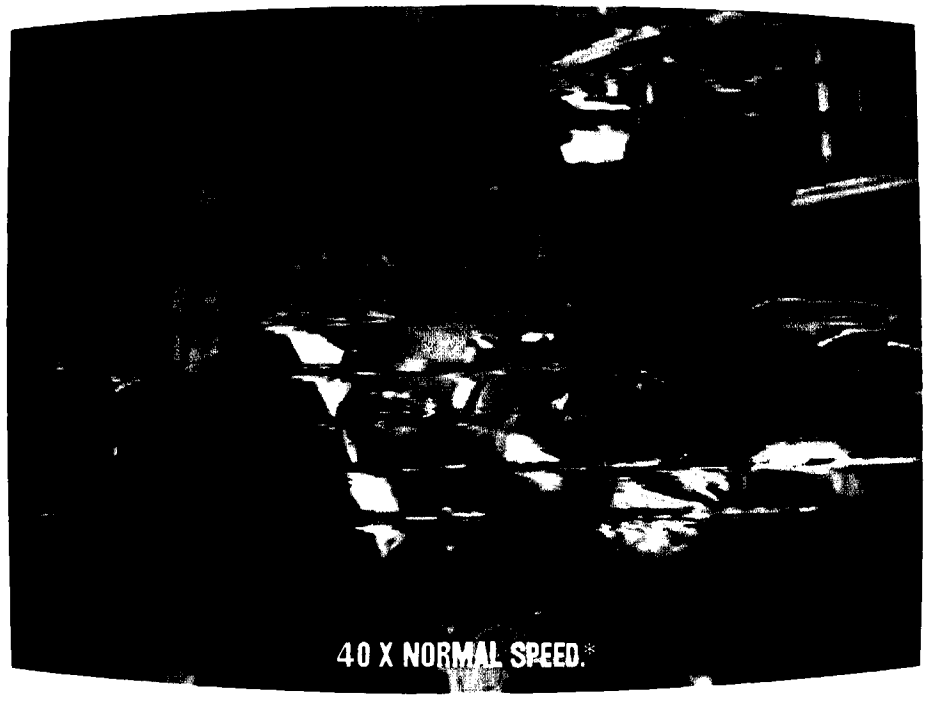
"It's the perfect combination of U-matic economy and broadcast quality. It's a true mastering process; with the BVU-800, there's no need to transfer to one-inch and lose a generation in order to edit your tape."





U-MATIC BREAKS SPEED RECORDS."

Fred Rheinstein, THE POST GROUP



Other breakthroughs incorporated in the BVU-800 include its ability to make machine-to-machine cuts without a separate controller; its adjustable, removable edit control panel; and its narrow, front-loading design, which makes rack mounting possible.

"We've always bought a lot of Sony, because we can depend on the company for reliability and innovation," says Rheinstein. "Now, with the BVU-800, Sony makes its competitors look like they're operating in reverse."

Sony makes a full line of 1-inch and ¾-inch broadcast equipment, including cameras, recorders, editors and digital time-base correctors.

For more information, write Sony Broadcast, 9 West 57th St., New York, N.Y. 10019. Or call us in New York/New Jersey at (201) 368-5085; in Chicago at (312) 860-7800; in Los Angeles at (213) 537-4300; or in Atlanta at (404) 451-7671.

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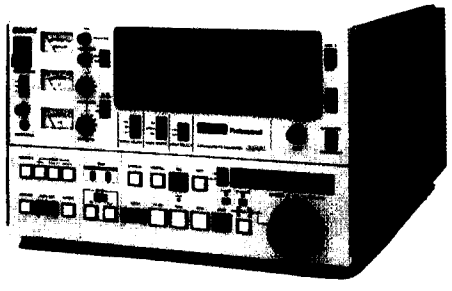


*When used in conjunction with the BVT-2000 digital time-base corrector.

Paul Yang Named Assistant to Sections Vice-President

Harold J. Eady, Sections Vice-President, has announced the appointment of Paul Yang as Assistant to the Sections Vice-President. Yang, of Paul Yang & Associates, Inc., a Fellow of the Society, will represent and assist the Sections Vice-President in his duties to SMPTE Members in the Far East.

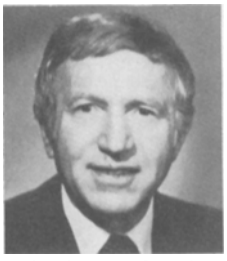
In 1980, Yang was awarded a Citation for Outstanding Service for his efforts and success in increasing SMPTE membership in Southeast Asia. He was also instrumental in arranging two exchange visits for officers of the Society; the first to the People's Republic of China, and the second to Japan, Australia, and the Southeast Asian countries.

and decoding of the color television signal with specific reference to PAL system 1.

Toni Roth has been appointed Manager of Marketing and Sales for Image Transform Inc., 4142 Lankershim Blvd., North Hollywood, CA 91602, succeeding Steve Schifrin, who has been appointed Vice - President, Marketing, for the parent company, Compact Video, Inc. Ms. Roth, a Governor of the SMPTE, and the Society's first woman governor, was formerly Image Transform's Midwest Sales Director.

Judith A. Schwan, Assistant Director of the Research Laboratories of Eastman Kodak Co., has been elected a member of the National Academy of Engineering, in honor of her "distinguished contributions to the broad fields of engineering, engineering science, and technology ..." Specifically, Ms. Schwan provided ideas which led to the improvement of color photographic films in terms of recording color by special use of sensitizing dyes, a technology which has had a broad impact in color photography. She began her career with Eastman Kodak as a research chemist in the emulsion research division of the Research Laboratories in 1950. She was appointed to her present post in 1975. There are 15 patents in her name assigned to Kodak. Ms. Schwan is a Fellow of the SMPTE.

John D. Silva has been named Vice-President of Broadcast Sales for Hoffman Video Systems, 800 West Pico Blvd., Los Angeles, CA 90015. Silva was graduated from Stanford University in 1942 with a B.S. degree in Electrical Engineering. Following graduation he joined the U.S. Navy with the rank of Lieutenant. He was in charge of setting up radar installations on Tinian Island in the South Pacific after landing with the U.S. Marines. He concluded his career in the Navy with the Chief of Naval Operations in Washington, D.C. where he initiated all directives for research, design, and development of electronic equipment for the Bureau of Ships and the Bureau of Air.



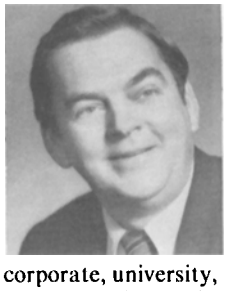
Following his discharge he joined the (then) experimental TV station W6XYZ, which later became Los Angeles' independent station KTLA, where he remained for almost 30 years. Among other accomplishments were his design of the first electronic frame-to-frame videotape editor and invention of the telecopter, a remote studio mounted in and on a helicopter for live telecasts from the air. His most recent post before being appointed to his present position was that of Director of Engineering for Video Systems Network, Inc.

William Buynak has been appointed Vice-President of the new Cable/Video Products Division of Chyron Corp., 265 Spagnoli Rd., Melville, NY 11747. He was largely responsible for the development of the new VP-1 video printer, which provides video character generation and graphics capabilities in a low-cost system. In his new post he will be responsible for the development and marketing of a new line of low-cost graphic generating systems to serve the needs of cable television.

Gerald Sanders has been appointed District Sales Manager for RCA Cablevision Systems, covering the southwest territory. He will be responsible for sales of RCA cable television equipment and turnkey services in the states of Texas, Louisiana, Arkansas, Oklahoma, and New Mexico. His headquarters will be in Austin, Tex. Prior to joining RCA, Sanders was Director of Engineering for Prime Cable Co. in Austin, and before that he had served as Vice-President, Engineering, for Times Mirror Cable TV.

W. Arnold Taylor has been appointed Division Vice-President, Marketing, for RCA Commercial Communications Systems Division, Camden, N.J. Taylor heads an organization marketing RCA's complete line of radio and television studio and transmitting systems to broadcasters and teleproducers throughout the world. Prior to joining RCA he was Group Vice-President for Compact Video Systems in Burbank. Earlier he had served as General Manager, Sony Broadcast Division, and in various sales and product management positions with Ampex Corp.

Paul Higginbotham has been appointed to the newly created position of Area Manager, Southeast Teleproduction Sales, RCA Commercial Communications Systems Division. His offices are in Atlanta, Ga. In his new post he is responsible for sales of RCA television studio equipment to teleproduction operators as well as to corporate, university, and government customers in the southeast. His area includes nine southeastern states. Higginbotham has been with RCA since 1965. Prior to his promotion, he was a teleproduction equipment sales representative in the southeast.



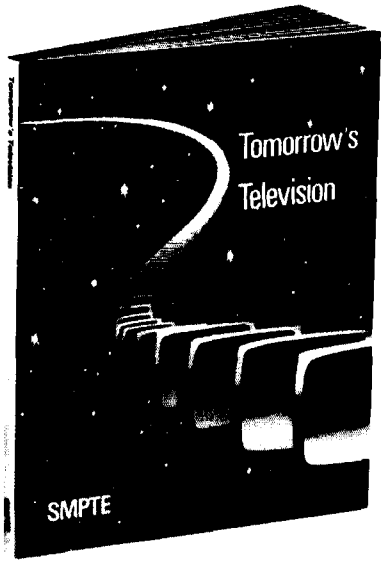
Jeffrey Stone has been named Vice-President, Sales, for Lyon Lamb Video Animation Systems, Inc., 8255 Beverly Blvd., Los Angeles, CA 90048. He was formerly Sales Engineer for Hoffman Video Systems. Earlier, he had served as Manager of Precision Film Laboratories in New York.

Bruce Henrickson has been appointed Marketing Manager for WickerWorks Video Productions, Inc., 7342 South Laton Way, Suite A, Englewood, CO 80112. For the past two years he has been Marketing Vice-President for Western Cine Film and

Just Published!

TOMORROW'S TELEVISION

Publication



The thrust of new television technological developments has branched out in many directions. Not only has technology progressed in digital television, but there has been major progress in other areas such as television audio, high-definition television, and broadcast automation.

Now SMPTE is publishing a new book that brings you the latest information on television's most significant technological developments that are bound to affect television for years to come. Because the subjects of this book will have such an impact on the future of television, the book has been aptly titled **Tomorrow's Television.**

Tomorrow's Television will focus on four specific areas:

- New Television Technologies
- Multi-Channel Television Audio
- Digital Control of Television Equipment
- High-Definition Television Systems

The material for this book comes from the 16th Annual Television Conference held in Nashville, February 5–6, 1982. It is the freshest, most up-to-date information available on where television technology is heading. It is urgent reading for everyone concerned with the future of television technology.

8-½ × 11 256 pp. softbound
price: $30.00*

CONTENTS

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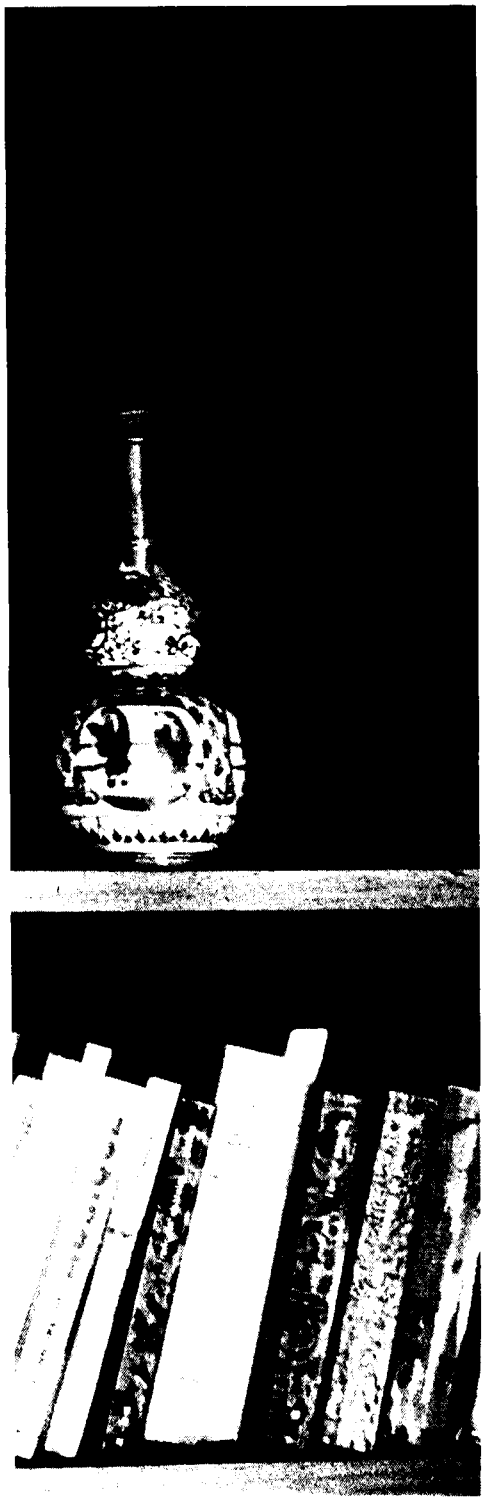

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Once you're released from the servitude of the slate (and the clap-bang it imposes in an otherwise harmonious audio atmosphere) you can concentrate on what you like doing : playing with sounds, enticing them, capturing what is hidden in the image.

Forget chalk, slate, clapper. Don't get ordered around : it disrupts the filming atmosphere. Progressively evolve from pilotone + slate to ***pilotime.***

Equipped with the compatible circuit installed by Aaton, the Nagra you have now can handle both. The time address recorded on the quarter inch pilot track will be laid onto the edge track of the full coat every second during transfer.

When it comes to editing, the time information printed right onto the fullcoat backing will be matched with ease to the clear time addresses exposed onto the film edge by Aaton 16 and 35 mm cameras.

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Video Laboratory in Denver. During those two years, Henrickson travelled more than 150,000 miles throughout the United States. In addition, he opened a branch office in Minneapolis and served as Vice-President of Marketing for Cine-Craft Laboratories in California and Florida. Before joining Western Cine, Henrickson was General Manager for International Media Systems, Inc., Colorado Springs, an independent motion-picture production company with branch offices in Portland, Oregon, and Riyadh, Saudi Arabia.

CEI (Commercial Electronics Inc.), Mountain View, Calif., has been acquired by Panavision, it was announced by Alan Jensen, CEI President. CEI manufactures professional broadcast color television cameras as well as special purpose television cameras, including low-light color cameras. One of its more recent developments is the 310 modular video camera. CEI worked closely with Panavision and its parent company, Warner Communications, to produce the Panacam reflex camera and the Foton I broadcast studio camera.

Ampex Corp. has adopted the half-inch M-format video recording format for ENG applications, according to a recent announcement. A half-inch integrated camera/VTR system is under development. The M-format, developed by Matsushita Electric Industrial Company of Japan, utilizes the half-inch VHS videotape cassette in the single camera/VTR combination. The Ampex camera/VTR is capable of recording up to 20 minutes on one VHS cassette and uses four video recording heads. The M-format recording system delivers broadcast quality video, two audio tracks, plus control track and an SMPTE time code track, all on one half-inch tape.

Two Japanese firms, Hitachi Denshi and Ikegami, have adopted the M-format system.

A Broadcasting and Related Products Department has been created as part of 3M's Memory Technologies Group, with William H. Madden as Manager. The department includes International Tapetronics Corp., a 3M subsidiary, the former Professional Audio/Video Equipment Project, and the Sound Products Project. Madden was formerly Marketing Director of the Magnetic Audio/Video Products Div.

Pioneer Marketing Corp., 99 East Magnolia Blvd., Burbank, CA 91502, has been appointed West Coast Sales Representative for the Professional Motion Picture Div. of Bell & Howell. Pioneer's representation covers 16 states, including Alaska and Hawaii, and will also include Canada.

S.M.P.T.E/E.B.U. Joint Meeting on Remote Control

A joint meeting of the EBU Ad-Hoc Group on Remote Control and SMPTE Working Group T14.10 was held in London on 13th/14th July 1982 with the following Terms of Reference: —

"The SMPTE Working Group for Standardisation of Digital Remote Control of Television Equipment and the EBU Ad-Hoc Group on Remote Control have been charged with achieving compatibility in their proposals for remote control systems. Such compatibility ideally implies one single document unanimously recommended by the SMPTE and EBU.

"To this end the purpose of the meeting is to complete our understanding of the respective published proposals of the two groups; and the details of any recent changes; to identify areas of incompatibility or disagreement; to agree on means of reconciling these differences."

Discussion took place under three main headings, namely: the application of an already agreed international data communication scheme — the OSI model — to our requirements; the characteristics of the message architecture; the characteristics of the transmission system.

As regards the first, complete agreement was found.

Virtually complete agreement was reached in connection with the transmission system based on the use of the proposed ANSI electrical and mechanical characteristics and a combination of SMPTE and EBU proposals for the communication protocol.

The characteristics of the message architecture were agreed in principle and the outline of the final document agreed.

Further meetings are scheduled to continue joint work towards the preparation of a single recommended standard for submission to both bodies in Spring 1983. — *M. J. Stickler, Chairman, E.B.U. Ad-Hoc Group and R. W. McAll, Chairman, S.M.P.T.E. T14.10*

The Professional Motion Picture Equipment Association (PMPEA) has developed a computer compilation of stolen, missing, and misappropriated motion picture production equipment. This listing reflects an accurate and continually updated reference of equipment of questionable origin, including serial number, manufacturer, and product category.

These listings protect filmmakers from inadvertently purchasing lost or stolen equipment and can aid in the recovery of equipment. Lost or stolen equipment may be reported to PMPEA and will be included in the listing at no charge.

Follow Focus, a bi-annual PMPEA publication, provides missing equipment data and other pertinent news.

To receive a free copy of the missing equipment listing or to report lost equipment, contact PMPEA, 6440 North Central Expwy., Suite 806, Dallas, TX 75206, or the nearest PMPEA member.

RCA has announced that a $19 million facility capable of supplying an essential material used in the manufacture of CED videodiscs to other manufacturers on a world-wide basis is now under construction. The establishment of a separate facility at a site near Indianapolis will enable RCA to support extended disc manufacturing at the company's Rockville Road plant, which produces all RCA CED videodiscs as well as other brands of discs. In addition to the new 55,000 ft^2 compounding facility under construction, RCA has completed a new power plant expected to handle energy requirements for 60 disc presses.

The compounding facility will consist in part of special mixing equipment which blends the plastic, carbon, and other additives that are used in pressing the conductive RCA discs. The blended material takes the form of pellets which are formed into a mass and then placed between the two stampers of an automatic compression molding press to make the disc.

Barco Electronic N.V., Noordlaan 5, 8720 Kuurne, Belgium, has been restructured, with certain of its activities being transferred to the newly formed Barco Industries N.V., which is owned by ACEC N.V., Belgium, and by GIMV, the Flemish Regional Investment Co., and to four subsidiary companies — Barco Video Systems, Barco Communications, Barco Automation, and Barco Prints.

Barco Industries is mainly concerned with research and development. Barco Video is engaged in producing video equipment such as professional video broadcast monitors and decoders, computer graphics display, and modulators, demodulators, signal processors, and related products. The product range of Barco Communications includes videotex systems and accessories, industrial video systems, color data displays for computers, industrial OEM frames for high resolution applications, intelligent terminals, and similar products.

Charles Mascari has been appointed Sales Engineer for Sony Broadcast Products Co., 9 W. 57 St., New York, NY 10019. For the past 14 years he has worked in the broadcast technical operations area at CBS in New York and Television City, Hollywood. In his new post he will be responsible for coordinating sales accounts of all corporate network stations in New York City.