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## News

The Mini-Conference of the SMPTE Ottawa, Montreal/Quebec, Rochester, and Toronto Sections will be held at the Skyline Hotel in Ottawa from May 12 through May 14, 1989. Papers will be presented on the theme of challenge and choice: the challenges of competing formats and media and the choices of technology and distribution of systems. Papers will be presented in three sessions, morning and afternoon sessions on Saturday and a morning session on Sunday. Conference highlights include the Welcome Reception on Friday and a luncheon and banquet on Saturday. The deadline for advance registration is April 12. Early hotel reservations are encouraged since the mini-conference coincides with the Ottawa Festival of Spring. For more information contact: Stephen Romain, SMPTE Mini-Conference, 7 Exeter Dr., Nepean, Ont. K2J 1Z9, Canada.

The SMPTE Working Group on Studio Video Standards is revising Recommended Practice 125, Bit-Parallel Digital Interface for Component Video Signals, which defines 4:2:2 component digital video systems. The revision will specify the use of 4-40 mounting screws instead of a slide latch on the 25-pin connector.

Operational experience with 4:2:2 digital video interconnects using the subminiature D-connector has demonstrated mechanical reliability problems with the slide latch, which is easily damaged and allows excessive connector movement. To correct these problems, the SMPTE and the EBU have jointly agreed to the use of 4-40 mounting screws. This change applies to 4:2:2 component digital interfaces as specified by RP125 and will also apply to composite digital interfaces that are not yet standardized. Manufacturers of digital video equipment are advised that these changes will be incorporated in a revision of RP125 expected later this year.

A new SMPTE Study Group, (L6.39), has been formed to determine the need for a tutorial, Recommended Practice, or Standard for optimizing blowups and reductions for film formats. If a document is to be written, the Study Group will recommend which formats should be included and will specify information on origination aspect ratios, optimum steps for conversion, cropping, and other parameters the committee deems necessary. Persons wishing to participate should contact: Joan Aiello, Eastman Kodak Co., 343 State St., Rochester, NY 14650, or the Engineering Department at SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607.

The ISO plans to issue a Call for Algorithms suitable to store and retrieve moving image and sound information on digital storage media. All registered algorithms will be subjected to tests, with the target of reaching a Draft Proposal of Standard by September 1990. Most digital storage media are characterized by a throughput that is two orders of magnitude less than required by digital television and sound. This implies a need to identify data reduction algorithms yielding high image and sound quality under the constraints imposed by interactivity. Organizations must notify the ISO of their intention to contribute by June 3, 1989. Contact: Dr. N. S. Jayant, AT&T Bell Labs, 600 Mountain Ave., Murray Hill, NJ 07974-2070.

The Chicago Section will hold an All-Day Meeting on Saturday, March 18, at Eastman Kodak Co., Oakbrook, Ill. The theme of the meeting is "Advancing Imaging Applications." Discussions will focus on taking ideas and methods from technology and applying them to the Chicago marketplace. Papers will be presented on such topics as "HDTV: The Politics, Engineering, and Uses for Chicago," "Test Signal Measurement with Tektronix," and "End User Panel Discussions on CD and SVHS." Michael Fayette, Post Effects, will deliver the keynote address on "Desktop Video Workstations of the 90s." For further information, contact Section Chairman Joseph Kresnicka, Capital Cities/ABC, Inc., (312) 750-7777.

Centro Corp. has introduced two electronic news gathering vehicles (ENGs). One vehicle is built around a Ford E-350 Econoline Super Van and the other is built around a GMC Suburban. They provide the means for microwave transmission, live local origination, and efficient news gathering. The interior of the Econoline news gathering vehicle contains a three-bay rack to accommodate typical equipment, a 6.5-kW generator, a 42-ft Will-Burt mast, pan-and-tilt head with remote control, interior and exterior work lights, alarm system, mast warning light, a DC-to-AC converter, and roll-around seating.

Lowel-Light Manufacturing, Inc., has moved its headquarters to 140 58th St., Brooklyn, NY 11220-2516, where office and factory space will be doubled to 30,000 sq. ft. Lowel is among the first occupants of the recently renovated Brooklyn Army Terminal. The new phone number is (718) 921-0600.

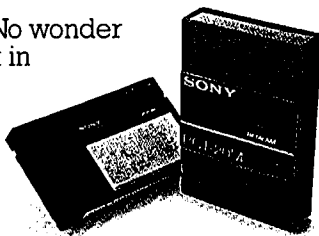


# No jamming in Inner Mongolia.

Cassette jamming is one of the biggest problems production crews face. Unless they're shooting with Sony Videocassettes. No wonder the producers of a recent documentary shot in Inner Mongolia chose to tape with Sony BCT Series Betacam® cassettes.

The Sony cassettes didn't jam during the entire three weeks of taping, even when covering the nomadic people of Mongolia's grasslands, where temperatures vary from extremely hot to extremely cold.

Not that this surprises those of us at Sony Professional Videotape. After all, we've designed all our products around one basic premise: durability. To be frank, the demanding shooting conditions of Mongolia aren't as tough on our tape as we are.



BCT Betacam cassettes, for instance, combine a high-impact ABS anti-static cassette shell with a base film that's been given Sony's ultrafine carbon-black back coating. All of which ensures more uniform tape transport and superior winding characteristics. Among other things, this kind of runability helps keep Mongolians out of a jam.

No matter which Sony Professional Videotape you're working with, there's one thing you know for sure. Its greatest ability is durability.

Whether it's Betacam, U-matic®, I" or Digital tape. So take on the world. With Sony Videotape. In Inner Mongolia or in your own studio you need a tape that's tough as Sony. After all, there's no better way to prevent unwanted jam sessions.

**SONY**  
THE ONE AND ONLY.

Ikegami's remarkable broadcast CCD, the HL-55, features three newly developed  $\frac{2}{3}$ " FIT (frame interline transfer) chips, each delivering an industry-first 400,000 plus individual pixels. This insures low FPN (fixed pattern noise), a reduced vertical smear, and enhanced resolution at over 700 TVL and high S/N ratio of 62 dB.

Compact and lightweight (6.81lb with viewfinder), the HL-55 features a six speed electronic shutter for improved dynamic resolution,

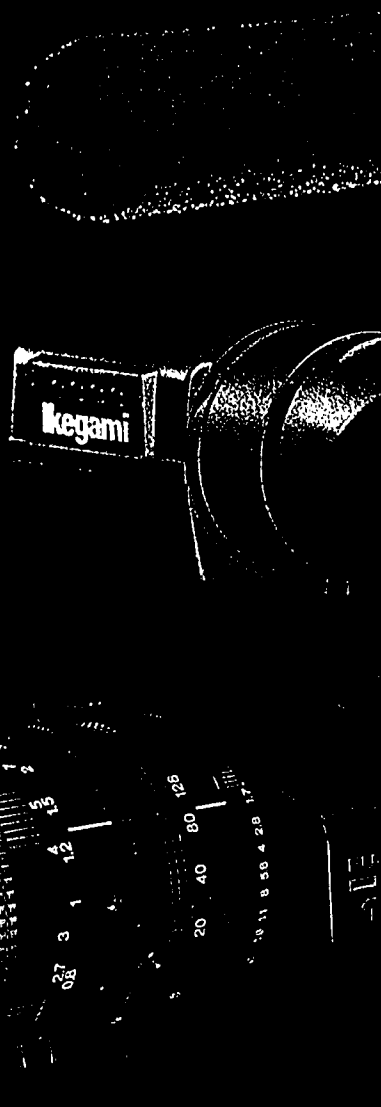
high sensitivity (+24dB), a newly developed optical low pass filter for reduction of noise and much more.

Our exclusively designed viewfinder provides complete setting data, a clearer picture than conventional viewfinders, and can add or delete a safe title area box, cross hairs and audio bar graph.

THE HL-55 BROADCAST CHIP CAMERA:

TAKE YOUR  
BEST SHOT

**Ikegami**



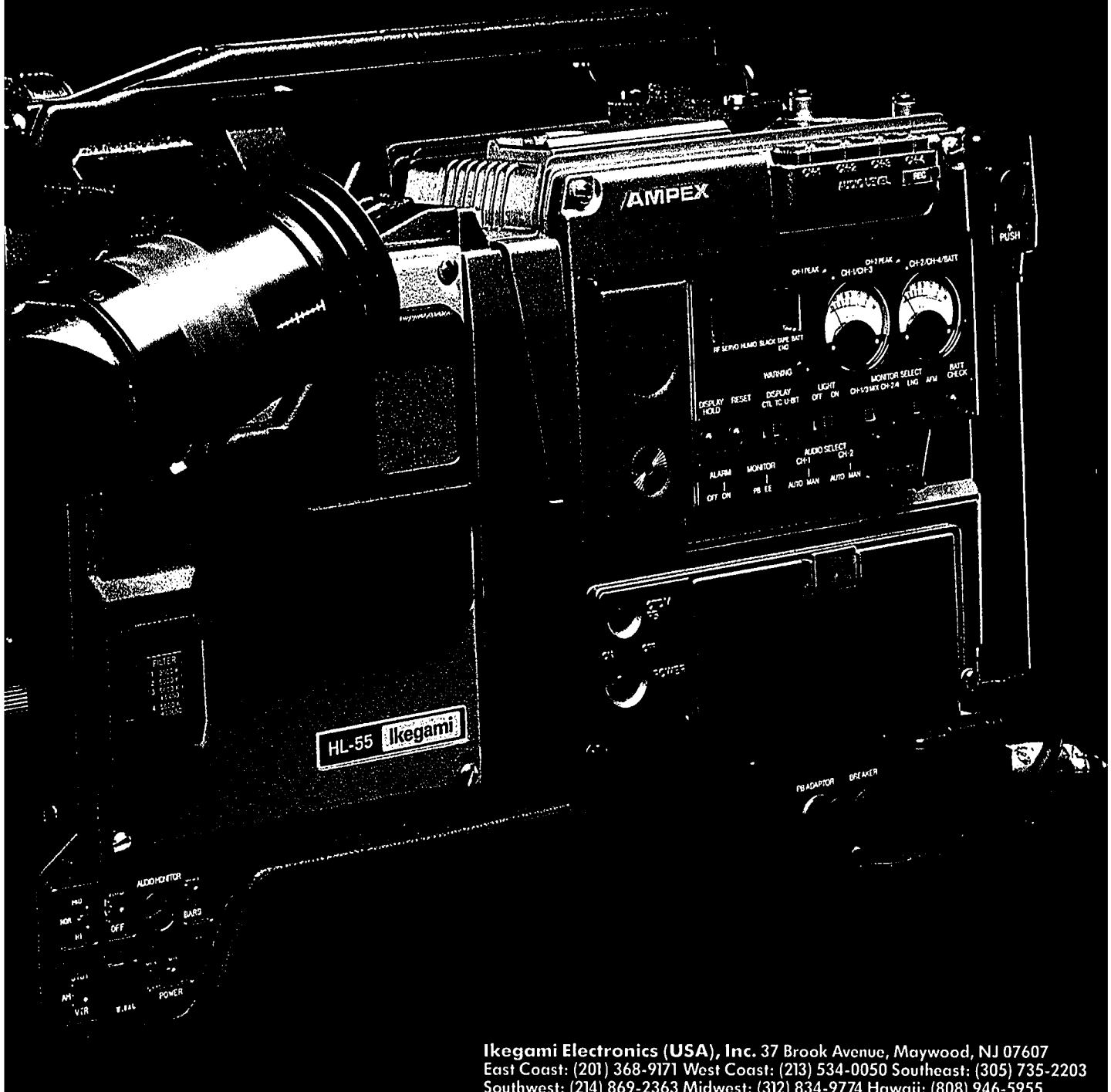
Look into an HL-55 and you'll see Ikegami's commitment to quality engineering extends beyond performance, right down to the construction of the camera body and boards.

The HL-55 belongs to Ikegami's UNICAM<sup>TM</sup> family of cameras, and is compatible with all HL-95 accessories providing maximum oper-

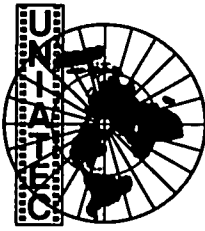
ational flexibility and versatility in the ENG/EFP or studio configuration.

The HL-55 is your guarantee that chip technology won't let you down, unless of course you don't own an Ikegami.

For further information contact your Regional Sales Office or the Ikegami Dealer near you.



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**17TH UNIA TEC CONGRESS  
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MORE THAN 30 COUNTRIES RERESENTED  
CALL FOR PAPERS**

**Theme:  
The 1990's — The Challenge of Change**

at  
**International Civil Aviation Organization  
Assembly Hall  
Montreal, Quebec, Canada  
October 14-18, 1989**

Plan now to submit an original paper. This congress will identify key technology trends and applications for the 1990's. Subjects include:

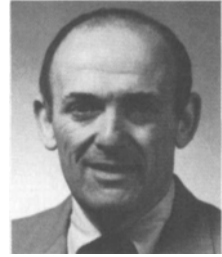
- **Large format Cinema:** The optimum experience
- **Three-D Cinema:** Without screen or glasses?
- **Cinema Sound — Breaking the Sound Barrier:** Advancing the creative and technological art
- **Improved Presentation Quality:** Steady, bright, sharp and durable
- **High Quality Video Home Theater**
- **Creative Opportunities from Technology Changes**
- **Computers in All Aspects of Film, Video and Sound Production:**
  - Creating images and sound
  - Speeding up manipulation
  - Reducing human interface
  - Skill training
- **Production tools of the 1990's**
- **Increasing Access to the Film Experience:** Inexpensive subtitling and dubbing techniques; self-powered projectors; video vending machines; database systems; videotext at home.
- **New Packaging and Uses for Film:** Digitization; data compression; compact discs; high speed transfer; interactive video in training and commerce.
- **Motion Picture Handling Efficiency:** Transports, quality assurance; simulation of tasks.
- **Trends, Tools and Techniques to Generate, Animate and Create:** Special effects, backgrounds; colored and modified images and sound.
- **Duplicating and Archiving Imaging Media:** Life expectancy and suitability of technologies; physical storage conditions interchangeability; formats.
- **Health and Safety:** Improving the quality of work life in motion picture and television industries.

Official languages of the Congress are: English, French, German and Russian. Please send a double-spaced 250-500 word summary by April 16, 1989, to:

**Ed H. Zwaneveld  
Program Chairman  
UNIA TEC-MONTREAL 89  
National Film Board of Canada  
P.O. Box 6100, Station A Telephone: (514) 283-9143  
Montreal, Quebec, Canada H3C 3H5 Fax: (514) 496-1895**

Notification of Acceptance, together with an author's kit, will be sent by May 3, 1989, and camera-ready manuscripts must be received by July 31, 1989.

**Stephen D. Kerman** has been named the managing director of all international sales for Tektronix in the Americas' Pacific area. He is now responsible for sales and service activities in the Pacific rim, Central and South America, South Africa, India, Israel, and Canada. He is also in charge of international sales and marketing operations in the U.S. Kerman has been involved with the company's television product customers for the last 29 years. He is a Fellow of the SMPTE and a graduate of Rensselaer Polytechnic Institute.



**Carlos V. Girod Jr.** has joined the Public Broadcasting Service as vice-president of satellite technology. He will be responsible for the engineering elements involved in the replacement of the PBS satellite system. He was previously with CBS, where he was responsible for the network's ground and space-based television distribution systems. Girod was the network's representative to the NAB, the EBU, the Asia-Pacific Broadcasting Union, the Advanced Television Systems Committee, and the FCC Advisory Committee on Advanced Television Systems.



**Jeff Meadows** has been appointed managing director of Quantel Ltd. He will be responsible for the immediate operational aspects of the company and will establish the framework to accommodate future development. Meadows was most recently with Sony Broadcast, where for the past five years he was responsible for European operations.



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