

SMPTE President M. Carlos Kennedy at Broadcast Symposium and IEC Standards Meeting in Beijing

By Joseph Roizen

The People's Republic of China hosted both a Broadcast Technology Symposium and this year's IEC/TC60 Standards Meeting in Beijing between September 23 and October 4, 1987. In both cases the SMPTE played a major role in supporting these events through participation by various SMPTE officials and members, and by the presence of M. Carlos Kennedy, the President of the Society.

In addition to his presidential duties on behalf of SMPTE, which included various speeches and attendance at official functions, Kennedy also chaired one of the ISBT '87 Symposium sessions on Program Production in addition to presenting a technical paper entitled "Digital TV Recording in Composite Form" in the session on Video Recording and Digital TV.

Kennedy expressed his great satisfaction at being able to represent the SMPTE at such an auspicious event as the First International Symposium on Broadcasting Technology ever held in China, and he also felt that his presence at the Plenary Session of IEC/TC60 further promoted the cooperative relationship that already exists between the SMPTE and the IEC on the matter of setting useful international standards in the audio and television fields. TC60's scope covers all forms of magnetic and optical recording of sound and video signals.

The closing banquet for ISBT '87 served as an opportunity for Kennedy to address the prestigious audience of top officials in the Chinese television and electronics industry, as well as distinguished guests from around the world. Kennedy reiterated the Socie-



President M. Carlos Kennedy, (center) joins Symposium Chairman He Daz-Hong (right) from the Ministry of Radio, Film, and Television, and Xue Yong-Shou (left), the ISBT Vice-Chairman from the Ministry of Electronic Industry, at the closing banquet.



Kennedy chairing the Symposium session on program production, with his co-chair Ma Chang-Hua, Director of Broadcasting Science Research Institute, Ministry of Radio, Film, and Television.

Joseph Roizen, Telegen, Palo Alto, Calif., attended the Beijing meeting as part of the U.S. delegation.

There and Back With My Ikegami HL-79

By Ken Jobson, WTN Cameraman

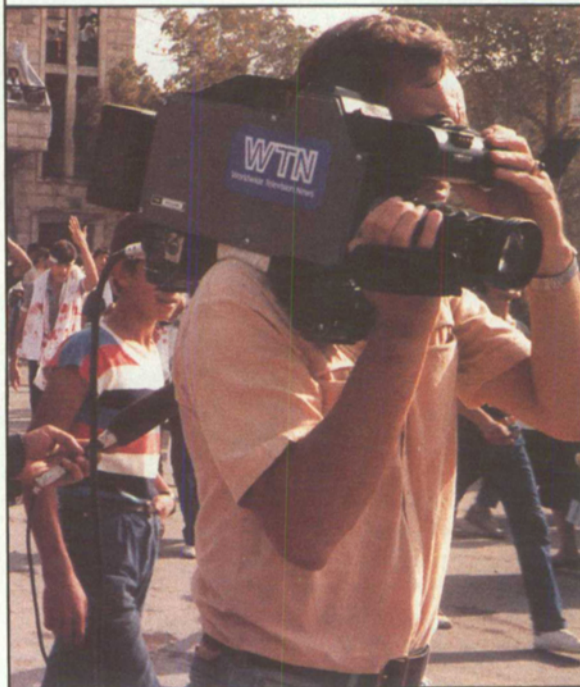
As a hardened cameraman of many years, I consider myself fortunate that UPITN/WTN has provided for my professional use, an Ikegami HL-79 video camera which produces quality images often under the most adverse conditions, is electronically reliable, robustly constructed and designed in such a way that it relates to the operator's body. The camera after all, is only a device which facilitates the recording of images seen by the human eye and therefore becomes an (electronic) extension of the human body.

I have very strong emotional feelings about all of 'my' electronic cameras — all Ikegami's.

Using Ikegami cameras has given me tremendous professional satisfaction and, I hope, established my reputation as a cameraman who will go to extreme lengths in order to capture 'the shot'. My Iky's have been taken from me at gunpoint, survived several car crashes, travelled in helicopters, tanks, armored cars, innumerable jeeps, fire engines, on camels, rowing boats to battleships, have been stolen, have boiled in midday sun in the Sudanese desert and chilled on the ski slopes of Lebanon, have witnessed the most appalling degrees of human inspired destruction, a fighter falling to the ground one meter in front of the camera as he was hit in the stomach by a sniper's bullet, glamorous fashion models on the catwalk, the Prince who loves playing polo, a famous parrot now alas no longer with us reknowned for his voluntary impressions of incoming shelling, hundreds of correspondent standuppers, the happiness at weddings and the sorrow of bereaved relatives, the innocent child at play and another innocent child staring into infinity from his hospital bed wondering why that phosphorous bomb exploded in his house. My Iky's have never let me down on any of these shoots. But one incident, which demonstrates the remarkable characteristics of Ikegami cameras, will remain firmly in my mind forever.

Location: Main street in Bhamdoun (pronounced without the 'B') an attractive mountain town in central Lebanon on a sunny afternoon. We had just finished taping the totally deserted street (or so we thought) and locked up shop fronts, when the distinct crackle of automatic gunfire could be heard breaking the eery silence. It took perhaps five to ten seconds for us to realize those bullets were coming at us. As my soundman and I both took independent evasive action, the Ikegami HL-79 and video recorder

both fell from our shoulders onto the pavement. The Iky laying on its side (and as I realized minutes later, my finger had touched the roll button as it fell out of my hand) was now happily recording the sound of incoming bullets hitting the surrounding shop fronts. Our cries in Arabic that we were press and the gunmans order in English "Get out, get out," were followed by another burst of gunfire. Carefully, I crawled across the pavement and uprighted the still rolling Iky, pointing it in the direction of its crew who were to be seen crouching behind a sand heap for shelter. Minutes later, thinking our ordeal was over, I bent down to press the stop button, when an M-16 bullet tore through my right neck muscle. It was only the sudden feeling of wetness down my back that made me aware that something was seriously wrong. I was hit. Once again I flung myself down behind the gravel pile, as the gunman fired at least another twenty bullets at us. The firing then ceased, and I was put into the back of a car and taken to an Israeli medical unit, who treated the wound, gave me a pain killer injection and hot coffee. Later at the American University Hospital in Beirut, doctors gave me a local anesthetic, cleaned the wound internally (very painful), x-rayed, took blood pressure, etc.



The bullet which miraculously missed my spinal cord by two millimeters has left two holes three inches apart in the back of my neck. Subsequent viewing of the video reveals twenty five recorded gun shots at us before I was hit. Plus approximately twenty shots as I lay bleeding. I was very happy not to be going home as a waybill number. And today while the memories linger; my work as it must, goes on.



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Since its introduction, the HL-79 series cameras have been sold to over 10,000 users worldwide making it the most popular camera of all time. The latest HL-79 (shown above) is the direct dockable version of the HL-79. Totally flexible, the camera can be used as a stand-alone, one piece with on-board VCR (Beta or MII), or a remote using multicore or triax. It is versatility at its best. Features include selectable gain, SMPTE color bar generator, high S/N ratio, and much more.

For more information call your regional Ikegami office for the dealer near you.

If you have a fascinating HL-79 story to tell, please send it to our Maywood, N.J. office. We may use it in an upcoming ad.

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M. Carlos Kennedy (center) joins a group of American broadcasters on a people-to-people China tour. In front of the Beijing Science Center, where ISBT '87 was held, are some 25 television experts from the U.S., including Joe Flaherty, Joe Colson, Jerry Plemmons, Don Lincoln, Gene Leonard, Chet Bentlema, Jim Butts, and other TV engineering executives.

ty's support for the Chinese symposium, stating that this would further cement good relations between technologists in China and SMPTE members from all over the world. He was particularly pleased that so many of the overseas delegates, speakers, chairmen, and co-chairs at ISBT '87 were in fact prominent members of the SMPTE.

On Monday, September 28, Kennedy joined the U.S. National Committee delegation at the Plenary Session of IEC/TC60, which was held at the Fragrant Hills Hotel, some 20 miles outside of Beijing. TC60 and its two subcommittees, SC60A and SC60B, deal with standards-setting activities in the audio and video recording field. Many of the members of TC60 also serve as members of SMPTE standards groups, and SMPTE standards publications often serve as guidelines for the IEC.

After the Plenary Session, Mr. Kennedy met with Mr. Habermann, the Chairman of TC60, to discuss matters of mutual interest. He also caucussed with SC60B Chairman Fred Remley and USNC members Roger Granlund, Joe Roizen, Koichi Sadashige, and Steve Smith.

This was Kennedy's second trip to China in 1987, since he had also at-



M. Carlos Kennedy, SMPTE President, addressing the banquet held on the closing day of the ISBT '87.

tended the official opening of the new CCTV building in Beijing in August. In September of 1985, he was also part of an SMPTE delegation to the People's Republic of China which vis-

ited the television and film facilities in Beijing, Shanghai, and Guangzhou, in addition to participating in a Chinese SMPTE Symposium held in Beijing.

GO FOR THE GOLD WITH FUJINON



A Clean Sweep

For every one of their new cameras, CTV Television Network, Ltd., host broadcasters for the '88 Winter Olympics, selected Fujinon — more than 78 lenses in all. In the strongest domination of the games, all the action captured by CTV cameras — from the widest panoramas to the longest, tightest close ups on the slopes — will be through Fujinon lenses.

Covering the downhill like it's never been covered before, Fujinon is providing a new secret weapon...the longest focal length lens ever used in broadcast television. Watch the races and see the difference.

Twenty-eight new CTV cameras will be equipped with the industry-proven A44X9.5ESM. From a wide 9.5mm out to 420mm and an F1.2 maximum aperture flat to 240mm (F2.1 at 420mm), the 44X takes first place for the best ramping characteristics in the long focal length competition!



Fujinon's brand new 13kg A34X10ESM will be on 10 new CTV cameras. No larger than the lens it replaces (the A30X11ESM), its coverage is wider and longer. From 10mm to 340mm with an F1.6 that's flat to 229mm. Naturally, it has a built-in 2X extender.

In the handheld competition, Fujinon wins hands down with 28 new CTV cameras equipped with the A14X9ERM, 7 cameras with the A8.5X5.5ERM ultrawide zoom, and five cameras with the A18X8.5ERM. All three compact, lightweight, weatherized lenses have built-in extenders.

Long the industry's favorite ENG lens, the A14X9ERM zooms from 9mm to 126mm while the maximum aperture is F1.7 out to 103mm. For events demanding wider and longer coverage, the 18X provides a 9mm to



126mm range with an F1.7 aperture constant from 8.5mm to 116mm (F2.3 at 153mm). And for wide angle abilities, nothing beats the A8.5X5.5ERM. It's an F1.7 that zooms from 5.5mm to 47mm. And even with its 1.7X extender in position, it provides a familiar 9.4mm wide angle.

In addition to the CTV cameras, most of the production companies supporting the coverage will be bringing Fujinon equipped cameras. And, naturally, Fujinon will be on hand to provide field support. After all, one reason Fujinon lenses are so widely used is Fujinon service — it's as good as gold, too.

To learn more about the lenses that scored a clean sweep, you'll get more information or a demonstration by calling the Fujinon location nearest you.



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