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## SMPTE Sustaining Members Win Emmy Awards

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The night of September 21, 1981 (Emmy Awards Night), had special significance for the SMPTE. Five Scientific and Technical Awards were presented, and the recipients are all Sustaining Members of the SMPTE. The award winners are Ampex Corp.; CBS, Inc.; Ikegami Electronics; RCA; and Marconi Electronics.

Ampex and CBS shared an Emmy Award for their joint development of the ESS Electronic Still Store System. The ESS is an advanced digital recording system that stores thousands of images and provides complete control in varying the video playback speed from still frame to normal play.

CBS was cited for the original concept of the ESS system, and Ampex for the engineering development. The award was accepted for CBS by William Connolly, Managing Director, Development Department, CBS Engineering, and for Ampex by Jock Diermann, General Manager of the Audio-Video Systems Division. This Emmy is the fifth won by Ampex for technical achievements.

RCA's Emmy, accepted by Joseph B. Howe, Division Vice-President and General Manager of the Commercial Communications Systems Division, was in recognition of a major advance in automating color TV cameras through the use of micropro-



The Emmy Award-winning TK-47 camera is discussed by Joseph B. Howe (left), Division Vice-President and General Manager of RCA Commercial Systems Division, and Anthony H. Lind, Principal Scientist for the Division.



Ampex executives display the Emmy Award won by the ESS Still Store System. At the left is Charles Steinberg, Chief Operating Officer, Jock Diermann, General Manager, Video Systems Group, Audio-Video Systems Division, and Donald Kleffman, Vice-President and General Manager, Audio-Video Systems Division.

cessor-controlled circuitry. The TK-47 camera automatically makes adjustments in all three color channels, automating nearly 100 setup control functions at the touch of one pushbutton. This Emmy is the seventh won by RCA for outstanding technical achievements. The first such award was presented in 1956 for the tri-color picture tube that made commercial color television application practical.

Ikegami's Emmy was awarded for the development of digital computer techniques for the automatic alignment of color television studio cameras. The award was accepted by Nick Nishi, President of Ikegami.

The Citation presented to Marconi Electronics was accepted by R. T. J. Baker, Manager, Broadcasting Division, Marconi Communications Systems, Ltd. The Citation read, in part, "For engineering innovation in the design and development of a system for the automatic alignment of color television studio cameras."