

cans, reel packs, and shipping cases; Video Vault storage and shipping cases; and the Modu-Line film/tape storage system.

Continental Resources, Inc., 175 Middlesex Turnpike, Bedford, MA 01730, has released its 1982 Electronic Instrument Rental Catalog. The 64-page catalog contains over 1500 items including analyzers, generators, meters, oscilloscopes, recorders, and telecommunications equipment.

ABSTRACTS FROM OTHER JOURNALS

Evaluation of the EBU's Position in Respect of the Digital Coding of Television, Y. Guinet, *EBU Review-Technical*, 187: 111-117, June 1981.

The article is an historical account of the study of the digital coding of television within the EBU, starting with the creation of Working Party C in September 1972 and coding with the adoption of a component coding system, common to both the 525- and 625-line systems, in March 1981.

In retracing the various phases of this study, the author shows how the concept of digital television has evolved in the minds of broadcasters: seen first as a means of facilitating international program transmissions, digital coding has progressively come to be considered as a means of making programs of a high technical quality through its easing of the post-production processes. However, since the very beginning, the broadcasters have sought, through this technique, to overcome the limitations imposed by the existence of many different television systems.

OBITUARIES

Harry F. Olson

Harry F. Olson, a pioneer in acoustics and electronic sound recording and a Life Fellow of the SMPTE, died April 1, 1982, at the Princeton Medical Center at the age of 81.

He had been associated with RCA for almost 40 years, joining the Research Department in 1928. He retired in 1967 as Staff Vice-President, Acoustical and Electromechanical Research for RCA Laboratories. He held more than a hundred U.S. patents on devices and systems in the acoustical field. During his career with RCA, Dr. Olson developed several types of microphones for broadcasting and recording, underwater sound equipment, and sound motion picture systems. He also guided and contributed substantially to the development of the RCA magnetic tape recorder for television and the RCA music synthesizer. Other developments included the phonetic typewriter and a speech processing system.

Dr. Olson was born in Mt. Pleasant, Iowa, and attended the University of Iowa, where he received the B.S. degree in 1924, the Ph.D. degree in 1928, and the degree of Electrical Engineer in 1932.

He joined the SMPTE in 1948 and was made a Fellow in 1954. He was the author of *Elements of Acoustical Engineering* (published by D. Van Nostrand in 1940 and in 1947), *Applied Acoustics*, and *Musical Engineering*. He was also the author of more than 130 articles and professional papers, many of which were published in the *SMPTE Journal*.

He was a member of a number of professional organizations including the National Academy of Science, to which he was elected in 1959. He was also a Fellow of the American Physical Society, the Institute of Electrical and Electronic Engineers, the Audio Engineering Society, and the Acoustical Society of America.

Dr. Olson received numerous awards for



Harry F. Olson

his configurations to the field of audio engineering, among the John H. Potts Medal of the Audio Engineering Society (1949), and the John Ericsson Medal of the American Society of Swedish Engineers (1964). He was awarded the first Silver Medal in Engineering Acoustics of the Acoustical Society of America in 1974, and the Gold Medal in 1981.

He is survived by his wife, Lorene, and a sister.

Edward R. Farber

Edward R. Farber, 67, a pioneer in electronic lighting and the inventor of portable strobe flash units for still cameras, died suddenly on January 22, 1982, in Delafield, Wis. He began his career as a press photographer with the *Milwaukee Journal* after his graduation in 1936 from the U. of Wisconsin with a B.S. degree. During World War II he was stationed at the Ballistic Research Laboratory of Aberdeen Proving Grounds, where he worked as an electrical engineer.

In 1945 he formed his own company, Strobe Research, where he developed the relay type of electronic flash unit. Later, he provided flashing light instrumentation for early tests of intercontinental missiles at the White Sands, N.M., and Redstone, Ala., testing grounds.

Farber joined the SMPTE in 1949. He was also a member of other professional organizations including the Society of Photographic Scientists and Engineers, and the IEEE.

E. David Rosen

E. David Rosen, President and Chief Executive Officer of TVC Image Technology and Chairman and Chief Executive Officer of its subsidiary, TVC Laboratories, Inc., died of a heart attack on February 28, 1982 while on vacation in the Caribbean. He was 46 years old and lived in New York City.

He was graduated from Yale University in 1957. While at Yale he was President of the Ivy Network, a network of Ivy League radio stations. Prior to joining TVC in 1974, he held executive positions at Fabian Theaters, and was general manager of WAST in Albany, N.Y.

Mr. Rosen was a member of the SMPTE. Active in a number of social and religious organizations, he was a member of the Board of Trustees and of the Executive Committee of Congregation Kehilath Jeshurun in New York City.

Karl Struss

Karl Struss, a well-known portrait photographer and cinematographer, died December 16, 1981, at the age of 95. He was a Life Fellow of the SMPTE. In World War I he joined the Army Air Force and became an instructor in aerial photography. After the war he became a motion picture cameraman with Cecil B. DeMille in Hollywood, filming such classics as *The Sign of the Cross* (1932) and *Dr. Jekyll and Mr. Hyde* (1931).

In the 1950's he became an expert in 3-D photography and was Director of Photography at RKO-Pathe Studios, using Stereo-Cine Corp. camera equipment. A major photographic exhibition, *Karl Struss: Man With a Camera*, was shown first at Ann Arbor, Michigan, in 1976. Karl Struss, at the age of 90, addressed film history classes, spoke to film audiences, and gave lecture/workshops in both still photography and cinematography.