

Wireless Solution

LightPointe has introduced the FlightStrata HD, a high-bandwidth, wireless solution for meeting high-definition television (HDTV) requirements, including the delivery of realtime, remote HDTV-quality broadcast video and audio feeds. The FlightStrata HD transmits uncompressed HDTV signals wirelessly at full-duplex throughput of 1.485 Gbits/sec. An optical wireless product based on free space optics (FSO) technology, the FlightStrata HD uses beams of light for sending high-quality, realtime HDTV video streams at recommended distances up to 750 m between a remote HDTV camera and production studio facility or remote satellite truck. It is fully

compatible with the HDTV serial digital interface (HD-SDI) transmission industry standard (SMPTE-292M). The system also incorporates multibeam transmission, auto tracking, optical beam shaping (OBS) and automatic power control (APC).

Harris Corp., www.harris.com

LightPointe, www.lightpointe.com

NVision, www.nvision.tv

Panasonic, www.panasonic.com/projectors

Sony, www.sony.com

Tektronix, www.tektronix.com

Obituaries

J. Creighton Douglas, a Life Member, passed away on February 6, 2006. He was 81 years old.

Sigmund J. Jacobs, 93, a SMPTE Life Fellow and an internationally recognized authority on explosives with the Naval Surface Warfare Center, died Feb. 25 of pneumonia at the Sunrise assisted living facility in Silver Spring, MD.

Jacobs joined the White Oak laboratory of the warfare center, then located in Silver Spring, in the late 1940s. He held a number of positions at the weapons research facility, including technical coordinator of the program that developed the Trident missile. His expertise was in explosives and propellants, and he helped develop an important equation that is still used to predict the results of detonations. He was one of the founders of the International Detonation Symposium, which has been held every four years since 1966.

When he retired in the late 1980s, Jacobs was senior research scientist at the White Oak facility. In 1998, the detonation science facility at the Naval Surface Warfare Center in Indian Head was named in his honor.

Jacobs was born in Minneapolis and received a bachelor's degree in chemical engineering in 1933 and a master's degree in physical chemistry in 1952, both from the University of Minnesota. He received a doctorate in physics from the Van der Waals-Zeeman Institute for Experimental Physics in Amsterdam in 1953.

SMPTE has recently learned of the passing of **Yet Fai Lee**, a Life Member. A member of the Hong Kong Section since 1993, Lee passed away in Clifford, China, on June 5, 2005.



Richard J. Stumpf

SMPTE Life Fellow and motion picture and television veteran, Richard J. Stumpf, passed away on February 2. He was 79.

In 1998, Stumpf retired after 29 years with Universal Studios, where he was senior vice-president of engineering and development. Prior to that he was director of sound and electronics, managing the sound department for 14 years. He was co-inventor on two patents while at Universal.

Early in his career Stumpf worked at NBC for 10 years and for 7 years with RCA, specializing in television engineering. Between these assignments he was in aerospace for 3 years working on the first man in space program, Project Mercury. Stumpf had been a member of the Academy of Motion Picture Arts and Sciences since 1970. He served on the Scientific and Technical Awards Committee for 23 years, its Science and Technology Council since its founding, and chaired the Council's Technology History Subcommittee. He was recognized with two Academy Awards for technical contributions and the Academy Medal of Commendation in 1992.

Stumpf served the Society in many capacities, including five terms on the Board of Governors. From 1984 to 1991 he co-chaired the high-definition SMPTE Working Group that wrote the 1125/60 production standard. He was also an active member on the SMPTE Board of Editors. Stumpf received the Samuel L. Warner Memorial Medal Award in 1986 and the SMPTE Presidential Proclamation award in 1997. In 1998 he received the NATO Lifetime Achievement Award. He also served as CTO Emeritus of the Entertainment Technology Center at USC.

Stumpf is survived by his wife of 48 years, Paula, sons Derrick and Andrew, daughters Elisabeth and Barbara, and their families including six grandchildren.



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- SMPTE 417M-2005 Motion-Picture Film (65-mm)—Camera Aperture Image and Usage, 15/70 Format
- SMPTE 418M-2005 Motion-Picture Film (65-mm)—Camera Aperture Image and Usage, 8/70 Format
- SMPTE 419M-2005 Motion-Picture Film (70-mm)—Projectable Image Area, 15/70 Format
- SMPTE 420M-2005 Motion-Picture Film (70-mm)—Projectable Image Area, 8/70 Format
- SMPTE 421M-2006 Television – VC-1 Compressed Video Bitstream Format and Decoding Process
- SMPTE 424M Television – 3 Gb/s Signal/Data Serial Interface
- SMPTE 425M Television – 3 Gb/s Signal/Data Serial Interface—Source Image Format Mapping
- SMPTE 428.2 Television – D-Cinema Distribution Master—Audio Characteristics
- SMPTE 428.3 D-Cinema Distribution Master Audio Channel Mapping and Channel Labeling
- SMPTE 431.1 D-Cinema – Screen Luminance Level, Chromaticity and Uniformity
- RP 224.7-2005 SMPTE Labels Registry
- RP 225-2005 Registered Private Information in KLV
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