



Washington, D.C., Section Chair Karl Kuhn (c) and Secretary/Treasurer James Snyder (l) with Walt Banfield of Broadwing Media Services.

Washington, D.C. June 2005

The Section meeting on June 16 was held at the Television Operations Center of Broadwing Media Services in Columbia, Maryland, where 22 SMPTE members and guests received an interesting presentation by Walt Banfield, director of media architecture for Broadwing. Banfield was introduced by newly-elected Section Chair Karl Kuhn, Tektronix, who also introduced the Section's new Secretary/Treasurer James Snyder, Intelsat, and the newly elected managers Thomas Hackett, CEI; David Weinberg, Tobias Audio; and Eric Wenocur, Lab Tech Systems.

Banfield described the arrangements for feeding video, audio, and data over fiber circuits owned by Broadwing, between 19 cities in the U.S., with a link to Intelsat in Washington, D.C., for international destinations. He explained the arrangements for Dynamic Synchronous Transfer Mode (DTM) communications technology, with various advantages compared to ATM, including the ability to handle both SDI, uncompressed and ASI compressed, standard-definition and high-definition signals at data rates up to 270 Mbits/sec over a fully digital transmission network, either point-to-point or point-to-multipoint. Layer 2 TDM-based architecture provides 100% quality-of-service with no cells, packets, or jitter and provides service interfaces for video and Ethernet, up to 1 Gbit/sec, and T1 on the same local access equipment. Banfield also covered some of the background on the development of the Broadwing network and plans for the future.

The presentation was followed by a tour of the technical operations center, which was conducted by Dan Hogan, who was responsible for much of the center's implementation. Many thanks are extended to Broadwing for their hospitality and refreshments.

—Graham Jones, Section Manager/Program Chair

SMPTE Australia 2005 Conference & Exhibition July 19-21, 2005

The SMPTE Australia Section's Conference & Exhibition was once again a great success. The event was held again at the Sydney Convention & Exhibition Centre in Darling Harbour—a world-class venue situated on the water's edge and in close proximity to the city.

The title of this year's conference was "Working Smarter—Better Technology, Better Business," referring to the broadcast industry's focus on the economics of making informed buying decisions in a highly-competitive global market. This three-day event not only included many sessions geared to a better understanding of the symbiosis between technology and business, but an exhibit hall with well over a hundred exhibitors, with products reflecting the latest in motion imaging technologies and services.



Australia Section Chair John Maizels (l) with SMPTE President Edward Hobson at the Australia Section's Conference & Exhibition in Sydney.



John Maizels (far left) and Ed Hobson (far right) greet students of the media degree courses at Charles Sturt University, located in Wagga Wagga, Australia.