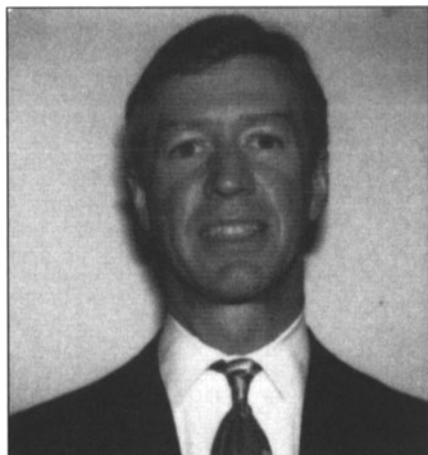


# News



Thomas J. Bentsen

## Society Names New Editorial Vice-President

Thomas J. Bentsen, NASA, has been appointed Editorial Vice-President by SMPTE's Board of Governors. Bentsen replaces Peter A. Dare, Sony Electronics, who resigned the position in May.

As Director of the Television Development Division at NASA, Bentsen is responsible for investigating and implementing advanced technologies for use in NASA space and ground-based systems. He was formerly the director of satellite systems engineering with CBS, New York City. He holds a BS degree in electrical engineering from Clarkson University.

Since joining the SMPTE in 1987, Bentsen has been deeply involved in its

activities. He stepped down as Eastern Region Governor and Editorial Director, Television, in order to take the Editorial Vice-President post. Prior to that, he served as the Washington, D.C., Section Chair; he is also a former Manager of that Section. Last September, Bentsen acted as moderator and chairman of the Washington, D.C., All-Day Meeting on Multimedia and Communications. He is currently the Chair of the Sarnoff Gold Medal Nominating Committee and a former Chair of the Fuji Gold Medal Nominating Committee. He is participating in the 137th SMPTE Technical Conference as the chair for a session entitled "Capturing the Images." Bentsen is responsible for introducing and establishing SMPTE Standards in Space Data Communications documents for Audio, Video, and Still-Image Services.

**Videotek, Inc.**, an SMPTE Sustaining Member, has announced that the company is expanding its research and development activities to Beaverton, Ore., in an effort to prepare for future technologies in the communications industry. The Pottstown, Pa., headquartered engineering group will continue to develop instruments and devices for analog and digital video users. The Beaverton engineering center, focusing on emerging markets, will be fully staffed and in operation by August 1, 1995. Bob Elkind, previously a senior design engineer with Tektronix, will organize and staff the facility. Elkind has a strong background in professional video and is active in SMPTE standards committees.

**The Illuminating Engineering Society of North America (IESNA)** has established an on-line service for IESNA members in conjunction with the Electronic Resource Network of Architecture, Engineering and Construction (AECNET). IESNA will have an established area that will run resident on the AECNET servers. The service will include communication and resource sharing tools as well as libraries and databases of IESNA technical and professional information. IESNA members will enjoy the benefits of being connected to each other, to the IESNA, to the rest of the design and construction industry, and to the Internet in general. The service is accessible via direct dialing, local calling access from across the country, or the Internet, and includes full access to all AECNET resources and Internet services. For further information, call: 800-9AECNET; Modem: 516-757-9300; Telnet: AECNET.com; WWW: <http://www.AECNET.com>; E-mail: [Info@AECNET.com](mailto:Info@AECNET.com).

**An MPEG-1 and MPEG-2 seminar** will be presented by KNK Seminars August 17-18, 1995, in Santa Clara, Calif. Topics that will be covered during the two-day presentation include an image compression overview, an introduction to compression standards, descriptions and analyses of MPEG-1 and MPEG-2 video, and an overview of video implementations. For further information, contact Kristine N. Kneib, KNK Seminars, 6333 La Jolla Blvd., Ste. 376, La Jolla, CA 92037-6622, (619) 459-8058, fax: (619) 459-3654.

## Section Meetings

### Chicago May 9, 1995

SMPTE Conference Vice-President Edward Hobson, Graham-Patten Systems, gave an informative presentation on audio for video post-production for the 30 members and guests who attended. He began with a review of the AES/EBU digital audio format, and then proceeded to discuss the criteria for digital audio mixers under automated edit control and the D/ESAM II protocol. The architecture of the Graham-Patten mixers and the use of a multiplexed digital audio bus were explained relative to the need for features such as equalization and signal delay. Hobson concluded with some thoughts on

implementing digital audio in the broadcast plant and how mixers may evolve as open architecture computers become fast enough to handle all of the required digital signal processing. A Model 400 mixer was set up for hands-on demonstration following the formal presentation. — Steve Robinson (Secretary/Treasurer), Serial Scene

### Houston May 17, 1995

The May meeting, held at Pearlman Productions, boasted an attendance of 35 members and guests, including the SMPTE International Board of Governors. Peter Owen, Quantel, provided a

retrospective on the development of SMPTE standards associated with 4:2:2 digital video, beginning with his first visit to the U.S. for the 1974 NAB Convention in Houston. It was at about that time that the seeds of digital video were sown with the advent of digital TBCs; subsequent work on a digital standard culminated in the adoption of CCIR 601 in 1985. Since then, progress in digital storage medium and software technologies have enabled remarkable advances in the control and manipulation of 4:2:2 digital video.

Owen was assisted by his colleague Jay Frazier in a demonstration of the Quantel PictureBox. The multimedia presentation was followed by a question-and-answer period as well as comments by SMPTE