Engineering News

Serial Digital Testing

The SMPTE Working Group on Studio Video Standards conducted tests in 1991 on a serial digital interface for component and composite video signals. Ten manufacturers of serial digital equipment and a number of potential users of the interface participated, along with a representative of the European Broadcasting Union.

The tests simulated, as closely as possible, practical applications of the interface in television facilities. Tests were conducted with the composite NTSC implementation of the interface (at 143 Mbits/sec) and with the component implementation (at 270 Mbits/sec).

As a result of these tests, the WGSVS and the Committee on Television Technology have concluded that the serial digital interface will provide an effective and robust interface for digital equipment in practical television environments. A Proposed SMPTE Standard, SMPTE 259M, which describes the interface, has been approved by the SMPTE and will be published for comment in the *SMPTE Journal* along with other related documents.

Proposed SMPTE Standard: SMPTE 253M

SMPTE 253M, a proposed standard on three-channel parallel component analog video interface, was published in the *SMPTE Journal* for comment, prior to adoption as a standard. As a result of comments received, the Working Group on Studio Video Standards has determined that the proposal does not adequately reflect modern practice and should not be adopted in this form.

Work is continuing to draft a new proposal which better describes accepted practice and which is more consistent with international standards. New proposals will be published for comment when the work is completed.

Committee Information

SMPTE Engineering Committees meet to develop standards, practices, and engineering guidelines and to review existing documents to ensure that they are current with established engineering practices and are compatible with international standards.

Membership is open to those who have affirmed in writing that they are directly and/or materially affected and are willing and able to participate actively in the work.

Individuals interested in contributing to committee work should contact the SMPTE Engineering Dept. at SMPTE Headquarters, (914) 761-1100.

SMPTE Monthly Engineering Meeting Schedule

The calendar below shows the dates and times of upcoming meetings and the cities where they will be held. Those requesting additional information on participation in these meetings should contact the Engineering Dept. at SMPTE Headquarters, (914) 761-1100.

March			
2 Mon.	9:00 a.m. 12:30 p.m.	WG on DTTR Format Applications V16.03 (H. Mahler)	Sony Products Montvale, N. J.
2 Mon.	1:30 p.m. 5:00 p.m.	Television Rec. and Repro. Tech. V16 (T. Cavanagh)	Sony Products Montvale, N. J.
3 Tues.	9:00 a.m. 5:00 p.m.	WG on ½-in. Digital Format V16.05 (K. Sadashige)	Sony Products Montvale, N. J.
3 Tues.	9:00 a.m. 12:30 p.m.	SG High Quality Image Comparison S17.11 (G. Demos)	Sony Products Montvale, N. J.
3 Tues.	1:30 p.m. 5:00 p.m.	WG Serial HDTV Interfaces S17.13 (H. Gaggioni)	Sony Products Montvale, N. J.
4 Wed.	9:00 a.m. 12:30 p.m.	WG on Time and Control Codes P18.25 (S. Vigneaux)	Sony Products Montvale, N. J.
4 Wed.	1:30 p.m. 5:00 p.m.	WG on Digital Control P18.10	Sony Products Montvale, N. J.
4 Wed.	9:00 a.m. 12:30 p.m.	WG Advanced Television Prod. S17.39 (F. Remley)	Sony Products Montvale, N. J.
5 Thurs.	9:00 a.m. 5:00 p.m.	Television Production Tech. P18 (M. Weiss)	Sony Products Montvale, N. J.
5 Thurs.	9:00 a.m. 12:30 p.m.	WG Monitoring and Diagnostics S17.36 (R. Wilson)	Sony Products Montvale, N. J.
5 Thurs.	1:30 p.m. 5:00 p.m.	WG on Ancillary Data S17.10 (J. Safar)	Sony Products Montvale, N. J.
6 Fri.	9:00 a.m. 5:00 p.m.	Television Signal Technology S17 (W. Nicholls)	Sony Products Montvale, N. J.
August			
5 Wed.	7:00 a.m.	AHG on Audio Production A12.68 (M. Strong)	Disney Garden Burbank, CA
September			
16 Wed.	7:00 a.m.	AHG on Audio Production A12.68 (M. Strong)	Disney Garden Burbank, CA
October			
28 Wed.	7:00 a.m.	AHG on Audio Production A12.68 (M. Strong)	Disney Garden Burbank, CA
December			
9 Wed.	7:00 a.m.	AHG on Audio Production A12.68 (M. Strong)	Disney Garden Burbank, CA