

# Engineering News

## Society Adopts New Digital Control Network Standards

The SMPTE Working Group on Digital Control (P18.10) has completed the first stage in a two-stage development of "ESlan" — a mechanism enabling high-speed/high-volume communication of control commands and status information for use in the production of television programs, motion pictures, and accompanying audio material. It employs computer industry standard techniques, hardware, and software.

A new standard for "ESlan-1," designated SMPTE 275M, has been developed to accommodate the needs of small and moderate size systems. It uses the widely implemented ANSI/IEEE 802.3 (Ethernet-type) network structure operating at 10 Mbits/sec, together with User Datagram Protocol, an Internet Protocol (UDP/IP), and the established SMPTE/EBU virtual machine dialects. The complete range of IEEE 802.3 network media and connectors is permitted.

The Working Group is now proceeding to the second stage of the development "ESlan-2," which will define a hierarchical enhancement of services and data traffic volumes, in order to accommodate the needs of the largest size systems.

The full text of SMPTE 275M will be published in the November issue of the *SMPTE Journal*, together with a new Engineering Guideline (EG-30) that describes the design parameters of both "ESlan-1," and "ESlan-2."

## 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 Engineering Dept. at SMPTE Headquarters, (914) 761-1100.

## Engineering Meeting Schedule

The adjacent calendar shows the dates of upcoming meetings and the cities where they will be held. Specific locations may not yet be determined. Additional information on participation in these meetings is available from the Engineering Dept.

## October

10 Mon.	WG on Generic Telecine H19.19	(G. Schutz)	Hyatt Hotel Los Angeles, Calif.
10 Mon.	WG on Telecine Practice H19.18	(P. Chapman)	Hyatt Hotel
11 Tues.	WG on Colorimetry H19.17	(L. DeMarsh)	Hyatt Hotel
11 Tues.	Committee on Hybrid Technology H19	(R. Stumpf)	Hyatt Hotel
12 Wed.	WG on Digital Pictures H19.16	(G. Kennel)	Hyatt Hotel
13 Thurs.	Committee on Projection Technology P3	(G. Berggren)	L. A. Convention Center
13 Thurs.	Committee on Film Technology F2	(S. Champagne)	L. A. Convention Center
13 Thurs.	Committee on Laboratory Practice L6	(P. Bourque)	L. A. Convention Center
14 Fri.	Committee on Audio Rec. & Reprod. Tech. A12	(T. Holman)	L. A. Convention Center

## November

9 Wed.	AHG on Audio Prod/Post Ent. Prgm. A12.68	(M. Strong)	Disney Studios Burbank, Calif.
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## December

5-7 Mon.-Wed.	Committee and Subgroups on TV Recording and Reprod. Technology V16	(T. Cavanagh)	BTS Salt Lake City, Utah
12-16 Mon.-Fri.	Committee on Production Technology Committee on Signal Technology P18/S17 and Aubgroups		Silicon Graphics Mountain View, Calif.
21 Wed.	AHG on Audio Prod/Post Ent. Prgm. A12.68	(M. Strong)	Disney Studios Burbank, Calif.