

# Engineering News

## Revision of ANSI/SMPTE 109-1986 and ANSI/SMPTE 110-1986

The SMPTE Committee on Film Technology, F2, under the guidance of Chairman Henri Olbrechts, Agfa-Gevaert N.V., Belgium, is revising and consolidating the American National Standard for Motion-Picture Film (16mm), Perforated 1R, ANSI/SMPTE 109-1986, and the American National Standard for Motion-Picture Film (16mm) — Perforated 2R, ANSI/SMPTE 110-1986, into a single document, Proposed SMPTE Standard for Motion-Picture Film (16-mm) — Perforated 1R and 2R, SMPTE 109. This document will include not only both perforation schemes, but also new and tighter tolerances adapted from the International Standard ISO 69:1990(E) for a class of professional camera films. For additional information contact the SMPTE Engineering Dept. at (914) 761-1100.

## Committee Information

### Committee on New Technology (N15)

The SMPTE Committee on New Technology (N15), under the guidance of Chairman William Nicholls, CBS Broadcast Group, is charged with the task of developing and maintaining all of the Society's documents pertaining to new or advanced technology relating to professional production of television programs.

Working Groups currently active under the committee include High Definition Electronic Production (N15.04), which developed SMPTE 240M, Signal Parameters for 1125/60 High Definition Production System, and is currently working on a proposed standard for studio digital video representation and bit-parallel digital interface for 240M.

An Ad Hoc Group on High Definition Audio Systems (N15.04/15) is defining audio system requirements for high definition and program interchange. An Ad Hoc Group on High Definition Test Materials (N15.049) has been discussing test material requirements for registration and HDTV/film gray scale charts.

The Ad Hoc Group on Digital Pictures (N15.04/16) is examining information on digital representation of pictures and is developing tutorial material pertaining to film and electronic production, utilizing computer-based tools and

keeping maximum commonality of parameters to facilitate the exchange of images between diverse equipment and distribution systems.

The Ad Hoc Group on High Definition Production Colorimetry (N15.04/17) is developing all parameters related to HDEP colorimetry with special emphasis on Phase II, including camera reference primaries, camera reference white, and dynamic range of linear RGB camera signals.

The Study Group on Applications for Optical Disc Technology for Production Use in Motion Pictures and Television (N15.10) has been examining existing optical disc formats and their use in motion pictures and television.

## SMPTE Monthly Engineering Meeting Schedule

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.

The calendar below shows the dates and times of upcoming meetings and the cities where they will be held. Specific locations may not yet be determined.

### May

20	2:00 p.m.	Studio Video Standards	Alliance MP Prod.
Mon.	6:00 p.m.	T14.22 (P. Symes)	Sherman Oaks, Calif.
21	9:00 a.m.	Studio Video Standards	Alliance MP Prod.
Tues.	5:00 p.m.	T14.22 (P. Symes)	Sherman Oaks, Calif.
22	9:00 a.m.	Advanced TV Production	Alliance MP Prod.
Wed.	12:30 p.m.	T14.39 (F. Remley)	Sherman Oaks, Calif.
22	1:30 p.m.	High Def. Electronic Prod.	Alliance MP Prod.
Wed.	5:30 p.m.	N15.04 (D. Stumpf)	Sherman Oaks, Calif.
22	9:00 a.m.	Time and Control Codes	Los Angeles, Calif.
Wed.	5:00 p.m.	V16.25 (J. Hamalainen)	
23	2:00 p.m.	D-1 and D-2 Applications	Los Angeles, Calif.
Thurs.	6:00 p.m.	V16.03 (B. Weber)	
23	9:00 a.m.	Television Technology	Alliance MP Prod.
Thurs.	2:00 p.m.	T14 (M. Weiss)	Sherman Oaks, Calif.
23	9:00 a.m.	Half-inch Composite Digital	Los Angeles, Calif.
Thurs.	1:00 p.m.	V16.05 (K. Sadashige)	
24	9:00 a.m.	Television Recording	Los Angeles, Calif.
Fri.	2:00 p.m.	and Reproduction Tech. V16 (T. Cavanagh)	

### August

19	10:00 a.m.	Studio Video Standards	Chicago O'Hare
Mon.	5:00 p.m.	T14.22 (P. Symes)	
20	9:00 a.m.	Studio Video Standards	Chicago O'Hare
Tues.	3:00 p.m.	T14.22 (P. Symes)	
21	9:00 a.m.	Time and Control Code	Chicago, Ill.
Wed.	5:00 p.m.	V16.25 (J. Hamalainen)	
22	9:00 a.m.	D-1 and D-2 Applications	Chicago, Ill.
Thurs.	5:00 p.m.	V16.03 (B. Weber)	
23	9:00 a.m.	Television Recording	Chicago, Ill.
Fri.	2:00 p.m.	and Reproduction Tech. V16 (T. Cavanagh)	