

ENGINEERING NEWS

Annual Report on ISO/TC 36—Cinematography

A report on the work and a year-end report of ISO/TC 36, International Organization for Standardization Technical Committee 36 on Cinematography, may be obtained from A. E. Alden, Manager of Engineering, at SMPTE Headquarters.

The committee is comprised of five working groups which usually meet during the plenary meeting every three years, and occasionally more often.

The 12th plenary meeting of the committee is tentatively scheduled to be held prior to the meeting of the BKSTS (British Kinematograph Sound and Television Society) in London, England, in June 1985.

ANSI

The American National Standards Institute (ANSI) has approved the following:

ANSI/SMPTE 207M-1984 Digital Control Interface-Electrical Mechanical Editing Characteristics

ANSI PH22.210M-1984 Two-Track 16mm Magnetic Sound

ANSI PH22.211M-1984 Signal-to-Noise Measurement

ANSI PH22.40-1984 35mm Photographic Sound Record (Revision)

ANSI PH22.95-1984 35mm TV Film Area

The Board of Governors has approved the following SMPTE Recommended Practices and Engineering Guidelines:

RP-119 1/2-in. Type G, Carrier Frequency, Pre-Emphasis, Audio & Control Signals

RP-120 Intermodulation Test

RP-121 Dropout on 1-in. Video Tape

RP-122 8mm (Type S) Cemented Splices

RP-123 8mm (Type S) Tape Splices

RP-124 Insertion Pivot for Studio Lighting Units and Mating Holders

EG-3 Conference Projection

EG-7 8mm (Type S) Sound Synchronization

International Standards

The following International Standards are currently available from American National Standards Institute (ANSI), 1430 Broadway, New York, NY 10018

ISO 491-1983 — 35mm motion-picture film and magnetic film-cutting and perforating dimensions

ISO 1781-1983 — Projector usage of 8mm types for direct front projection

ISO 1785-1983 — Printed 8mm, Type S, image area on 16mm perforated 8mm, Type S (1-4) Position and dimensions

ISO 3067-1983 — Motion-picture camera cartridge, 8mm Type S, Model 1 — Notches for film speed, identification and color balancing filter — Dimension and positions

ISO 36423-1983 — Cemented or welded splices on 8mm Type S motion-picture film for projector use — Dimensions

ISO 3654-1983 — Motion-picture camera cartridge, 8mm Type S, Model 1 — Interface and Drive — Dimensions and specifications

ISO 3773-1983 — Tape Splices for 8mm Type S motion-picture film for projector use — Dimensions

ISO 6033-1983 — Projection reel size 7 for 8mm Type S motion-picture film — Dimensions and specifications

ISO 6035-1983 — Viewing conditions for the evaluation of films and slides for television — Colors, luminances and dimensions

Electrical and Mechanical Standards Established for Beta Home Video

IEC *Publication 767* (now available) takes into account aspects concerning high quality of both image and sound for this widespread 12.65mm (1/2-in.) system and gives dimensional and other characteristics necessary to permit interchangeability of recorded cassettes. The technical requirements depending on PAL, SECAM, and NTSC television standards have been followed.