



OVERVIEW

The 20F technology committee is concerned with matters supporting all aspects of film application.

ORGANIZATION

The committee contains four standing working groups:

- TC-20F.10 Film Technology
- TC-20F.20 Laboratory Services
- TC-20F.30 Audio Technology
- TC-20F.40 Theatrical Projection

The first three working groups hold annual meetings at the SMPTE Fall Conference and Exhibition. 20F.40 Theatrical Projection meets at Show West and Show East. The 20F technology committee meets annually at the SMPTE fall Conference and Exhibition and will take place sometime between Oct. 27-29, 2009, at the Renaissance Hollywood Hotel in Hollywood, CA.

WORK IN PROGRESS

Film Technology – WG 20.10 (John C. Miller, Chair)

Completed

Revisions to four (Manufacturer-Printed Latent Image Identification Information) standards: SMPTE 241, 270, 271, and 313.

Motion Picture Laboratory Services – WG 20.20 (Michel Golitzinsky, Chair)

Editorial Corrections in Process

SMPTE 55-2000 for Motion-Picture Film: 35mm and 16mm Television Release Prints—Leaders and Cue Marks (an incorrect reference to a visual clock arm to be corrected).

Film Audio Technology – WG 20.30 (Ioan Allen, Chair)

Proposed Document

The Recommended Practice for method of measurement of perceived loudness of short-duration motion picture audio is currently in the approval process.

Documents Under Revision

SMPTE 185-2003 for Motion Picture-Film (70mm): Six Magnetic Records on Release Prints—Position, Dimensions, Reproducing Speed, and Identity

SMPTE 202M-1998 for Motion Pictures—Dubbing Theatres, Review Rooms, and Indoor Theatres—B-Chain Electroacoustic Response

SMPTE 203-2003 for Motion-Picture Film (35mm) Prints Two-Track Photographic Audio Records

Editorial Correction Needed

RP 25-1995: Audio and Picture Synchronization on Motion-Picture Film Relative to the Universal Leader for Magnetic and Photographic Records

Other

Formation of a study group representing the previous A12-68 user group chaired by Bill Hogan will be moved forward.

Theatrical Projection Technology – WG 20.40 (David Richards, Chair)

Documents Under Review and Evaluation for Conflicts

ANSI/SMPTE 241 for Motion-Picture Equipment: 35mm and 70mm Projection Reels; RP 21: Dimensions of 35mm and 70mm Motion-Picture Rewind Spindles (An issue with the fit of reels on spindles was brought to the attention of the committee.)

Documents Under Revision

RP 98-1995: Measurement of Screen Luminance in Theaters
A review of previous versions of the standard, as well as SMPTE *Journal* articles is being undertaken to attempt to understand the history of the standard. A *Journal* article that summarizes the history and issues is planned, in connection with revising the RP.

Proposed Document

RP for Measurement of Projected Image Contrast
Note: Working through fundamental differences within the committee to determine whether this is to be a subjective test method, objective test, or both.



John C. Miller is a technical support specialist for motion picture film products in the Entertainment Imaging business unit of Eastman Kodak Co. He has 32 years experience with the manufacture of motion picture films at Kodak. Miller's work contributed to the introduction of "Keykode" barcode print as seen on the edge of Kodak color negative, intermediate, and black-and-white films, which dramatically simplified film editing for the industry. Miller also participates on many product development teams supporting the Kodak "Vision" family of films. He has observed and participated in the film committees starting in 2003, and has chaired the Film Technology committee since 2005. Since 2008, Miller has chaired the 20F Film Applications committee, encompassing all four previous film groups. In 2008, he had the honor of becoming a SMPTE Fellow and has recently become a manager in the Rochester Section. Miller is also active in ISO TC36 Cinematography standards work.