

# standards and recommended practices

## Approved SMPTE Recommended Practices

On October 4, 1970, The Society's Board of Governors approved two SMPTE Recommended Practices. SMPTE Recommended Practice RP 41-1970, Color and Luminance of Review Room Screens Used for 16mm Color Television Prints, specifies the color quality of the projection illumination of 16mm review rooms used for color films for television in order to promote greater uniformity and a more desirable color balance among these films, and a more compatible balance between 16mm and 35mm films for television.

SMPTE Recommended Practice RP 42-1970, Emulsion Orientation of Super 8 Release Prints, recommends that the emulsion position on all commercial super-8 release prints be oriented towards the projection lens. This recommendation is feasible since an intermediate optical or contact step, which would be necessary for quality reproduction, can be arranged to produce prints with this orientation which would match and could be intercut with the original super-8 material.

Copies of these and other SMPTE Recommended Practices may be obtained from Society Headquarters upon request. - A.E.A.

## SMPTE RECOMMENDED PRACTICE

RP 42-1970

### Emulsion Orientation of Super 8 Release Prints

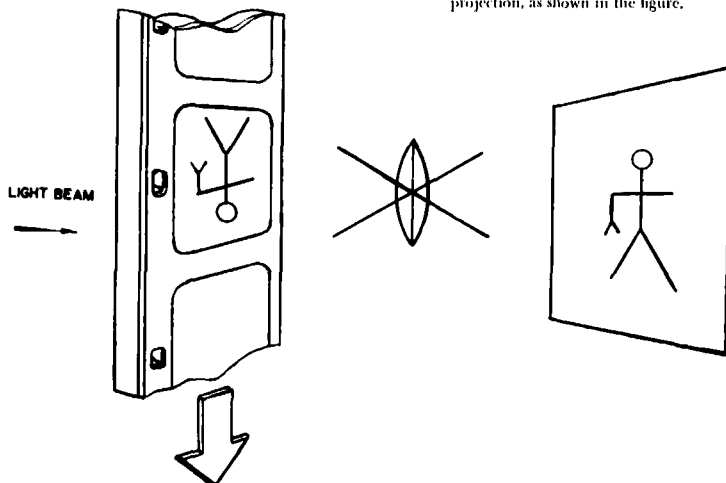


#### 1. Scope

- 1.1 This recommended practice specifies the emulsion position on all super 8 commercial release prints.

#### 2. Emulsion Orientation

- 2.1 The emulsion orientation of sound or silent commercial release prints shall be toward the projection lens when the film is threaded for direct front projection, as shown in the figure.



NOTE 1: This recommendation is feasible since an intermediate optical or contact step, necessary for quantity reproduction, can be arranged to produce prints with the recommended orientation. A common emulsion orientation facilitates intercutting among super 8 release prints and reversal original super 8 material.

NOTE 2: A major consideration in the development of this recommended practice is the use of super 8 sound prints, both magnetic and photographic. Magnetic prestripped print film is commonly supplied with the stripe on the base side. Currently, magnetic sound projectors have their sound heads oriented to contact the light source side of the film (usually the base side).

In the case of photographic sound tracks, focus is extremely critical. Variation in emulsion orientation would require projector manufacturers to have a focus control (as some 16mm projectors now have) to obtain optimum results. This requirement would be an added cost to the manufacturer and confusing to the user.

NOTE 3: It is recognized that some users will require contact reversal prints from original super 8, particularly in the amateur field, but since these would not be intercut with commercial prints, picture focus should not be a problem. Reversal reduction prints can be made easily to comply with the recommended practice.