

# Revision of PH22.15 and PH22.16

## Formerly Z22.15 and Z22.16

MINOR REVISIONS of two American Standards, Z22.15—1946 and Z22.16—1947 (“Emulsion and Sound Record Positions in Camera for 16-Mm Sound Motion Picture Film” and “Emulsion and Sound Record Positions in Projector for Direct Front Projection of 16-Mm Sound Motion Picture Film”), have been proposed by the Standards Committee. The proposed revisions of the existing Standards appear on the following pages.

Since the designation of the guided edge is not an essential nor a proper

part of these Standards, it was proposed that it be eliminated.

In addition, one editorial change has been made in the title of paragraph 2 of each Standard. “Speed of Projection” has been changed in Z22.15 to “Rate of Frame Exposure” and in Z22.16 to “Rate of Frame Projection.”

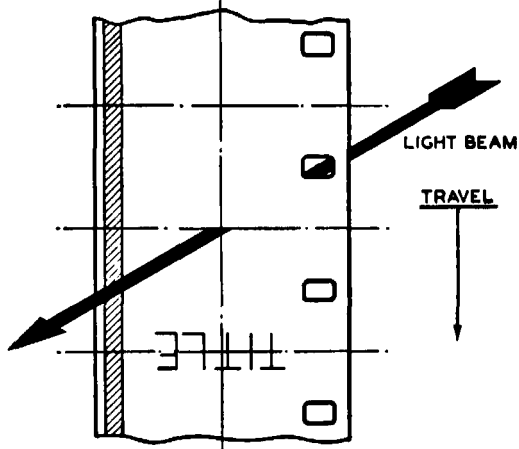
The proposed revisions are published here to invite comments and criticism, within the next ninety days, by members of the Society or others interested in these Standards. Please forward any comments to Henry Kogel, Staff Engineer, at Society Headquarters, by September 1, 1951.

Proposed American Standard  
Emulsion and Sound Record Positions in Camera  
For 16-Millimeter Sound Motion Picture Film

PH22.15

Revision of  
Z22.15-1946\*

\*UDC 778.53



*Drawing shows film as seen from inside the camera looking toward the camera lens.*

### 1. Emulsion Position

1.1 The emulsion position in the camera shall be toward the lens, except for special processes.

### 2. Rate of Frame Exposure

2.1 The speed of projection shall be 24 frames per second.

### 3. Distance Between Picture and Sound

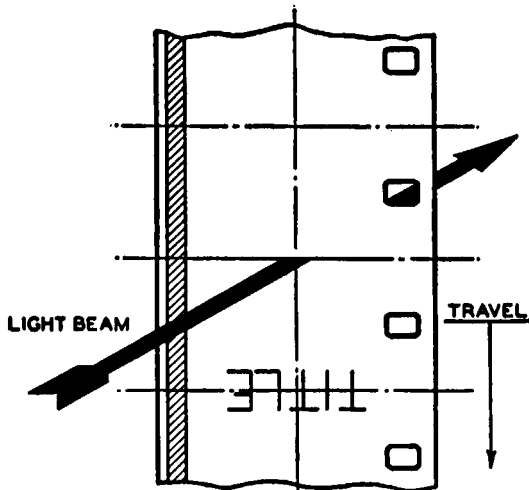
3.1 The distance between the center of the picture and the corresponding sound shall be 26 frames.

\*Elimination of "Guided Edge" is the only revision from the 1946 edition.

NOT APPROVED

Proposed American Standard  
Emulsion and Sound Record Positions  
in Projector for Direct Front Projection of  
16-Millimeter Sound Motion Picture Film

PH22.16  
Revision of  
Z22.16-1947\*



*Drawing shows film as seen from the light-source in the projector.*

### 1. Emulsion Position

1.1 The emulsion position in the projector shall be toward the lens, except for special processes.

### 2. Rate of Frame Projection

2.1 The speed of projection shall be 24 frames per second.

### 3. Distance Between Picture and Sound

3.1 The distance between the center of the picture and the corresponding sound shall be 26 frames.

\*Elimination of "Guided Edge" is the only revision from the 1947 edition.

NOT APPROVED