

## SMPTE Recommended Practice RP 8\*

This Recommended Practice originated in the Television Committee. The proposal, approved by the initiating committee and the Standards Committee, was published for trial and comment in the January 1961 Journal. The recommendation received final approval by the Society's Board of Governors on May 7, 1961.

# Safe Title Area for TV Transmission

### 1. Scope

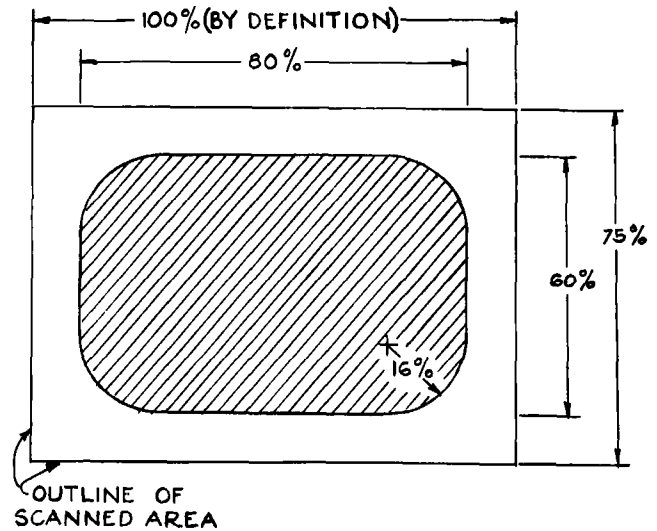
- 1.1 Existing standards define the camera aperture, projector aperture and scanned area for each of the media commonly used as sources of photographic material for television transmission.
- 1.2 This Recommended Practice suggests restrictions on the location of essential information (e.g., titles, station call letters and sponsor identification) with the intent of insuring visibility of that information on the great majority of home receivers as typically operated.

### 2. Recommended Practice

- 2.1 For any form of motion picture or slide material, titles and other essential information should be kept within the shaded portion of the drawing.
- 2.2 The dimensions of the drawing are stated in terms of percent of the nominal scanned area transmitted by the television system. 100% is, by definition, equal to the width of the scanned area and 75% is then the height of the scanned area.
- 2.3 For operating convenience, it is suggested the outline of the shaded area be indicated in all camera viewfinders.

### 3. Related Concepts of Image Area

- 3.1 The safe title area should not be confused with either the safe action area or the scanned area.
- 3.2 As a matter of terminology, it should be noted that this SMPTE Recommended Practice defines an area almost equal to the "safe title" area defined by the Motion Picture Research Council. The Research Council further defined a "safe action" area which is larger than the "safe title" area or the area defined by this SMPTE Recommended Practice. The "safe action" area is that area outlined on the viewfinder of action cameras operating in accordance with Research Council Practices.



- 3.3 Scanned Area is defined quantitatively by the American Standards in Section 4.

### 4. Reference Standards

- 4.1 The dimensions of the various scanned areas will be found in the following American Standards:
  - Television Picture Area — 16mm Motion-Picture Film, PH22.96-1954*
  - Television Picture Area — 35mm Motion-Picture Film, PH22.95-1954*
  - Slides and Opaques for Television Film Camera Chains, PH22.94-1954*

\* A copy of this Recommended Practice may be obtained without charge upon request directed to Alex E. Alden, Staff Engineer, at SMPTE headquarters.

## 90th SMPTE Convention, Lake Placid Club, New York

Detailed announcements in the May and June *Journals* may be referred to for the topics and Topic Chairmen for the Lake Placid Convention, October 1-6. Author forms and abstracts are due by July 17 and should be now in the mail or already in the hands of the Topic Chairmen or Program Chairman. Anyone still intending to contribute should wire immediately to the Program Chairman, C. Loren Graham, Kodak Park, Bldg. 65, Rochester 15, N.Y.

The Program Chairman reports that plans are coming along nicely for the presentation of several new and very

interesting concepts. In keeping with the theme of the convention, papers are being planned on photography and transmission of images from satellites, on lunar mapping and on telescopic photography from stratosphere balloons. The impact of new concepts of education has brought about a systems analysis of methods of presentation which will be reported in a series of papers. This study has brought changes in the basic approach to projection techniques, for example, which will stimulate much interest and thinking on the part of all

who are concerned with the presentation of ideas by means of images, in business and industry as well as in education.

The rapidly developing business in 8mm professional film, which was explored at the Toronto Convention, will be brought up to date. Among the topics to be discussed will be studies of film dimension requirements and of the picture quality resulting from various reproduction techniques.

A very lively panel discussion of the engineering features of several systems of subscription TV is expected.