

## Call for Papers

### 1981 SMPTE Television Conference

6-7 February 1981, St. Francis Hotel, San Francisco, California

Planning for the 1981 Television Conference is proceeding and **Louis (Dee) Pourciau** has been appointed program chairman. The theme for the 15th Annual Television Conference will be "Production and Post-Production in the Eighties" and will include the following planned topics:

New Camera Technology, **L. L. Pourciau**, Session Chairman;  
Digital Video Recording, **D. Fibush**, Ampex Corp., Session Chairman;  
The All Digital Studio, **Steve Kerman**, Tektronix, Session Chairman; and  
Two Channel and Stereo Sound for Television, **Ray Swenson**, KTVU, Session Chairman.

Anyone interested in submitting a paper for consideration on this program should contact any of the above (addresses follow) or **Lynne Robinson**, Manager, Conference Programming, SMPTE Headquarters.

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**David Fibush**  
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**Steve Kerman**  
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# Standards & Recommended Practices

## Proposed SMPTE Recommended Practices

Proposed revisions of two SMPTE Recommended Practices are published here for a trial period and public review: RP 18, Specifications for Test Films for Subjective Checking of 16-mm and 8-mm Type S Motion-Picture Sound Projectors; and RP 22, Specifications for Graph Paper Used in Inter-Laboratory Exchange of Plotted Sensitometric Data.

RP 18 has been expanded to include five versions of the film; a photographic and a magnetic 16-mm type, a magnetic super 8 at 24 and at 18 frames per second, and a photographic super 8 at 24 frames per second. The standard graph paper specified in RP 22 has been revised to facilitate more accurate comparisons of sensitometric results.

Comments should be addressed to Alex E. Alden, Manager of Engineering Services, at Society Headquarters prior to 1 November 1980. If no adverse criticism is received, the proposals will be submitted to the Executive Committee for Standards Approval.

## Approved International Standard

The International Organization for Standardization (ISO) recently approved an International Standard, the technical content of

which is published here for your information. ISO 4242-1980, Cinematography — Recording Head Gaps for Two Sound Records on 16-mm Magnetic Film — Positions and Width Dimensions, is in agreement with a Proposed American National Standard on the same subject.

This material is reproduced with permission from the ISO and is copyrighted by the American National Standards Institute, 1430 Broadway, New York, NY 10018, from which complete copies are available.

## Approved Withdrawal of American National Standards

A recommendation for withdrawal of two American National Standards was approved by the American National Standards Institute on 6 June 1980. PH22.52-1960 (R1975), Cross-Modulation Tests for 16-mm Variable-Area Photographic Sound Prints; and PH22.178-1971, Dimensions for 35-mm Motion-Picture Film Splices, were withdrawn because the subject matter does not warrant national standardization. The specifications in both standards are being written as SMPTE Recommended Practices.

— Alex E. Alden, Manager of Engineering Services

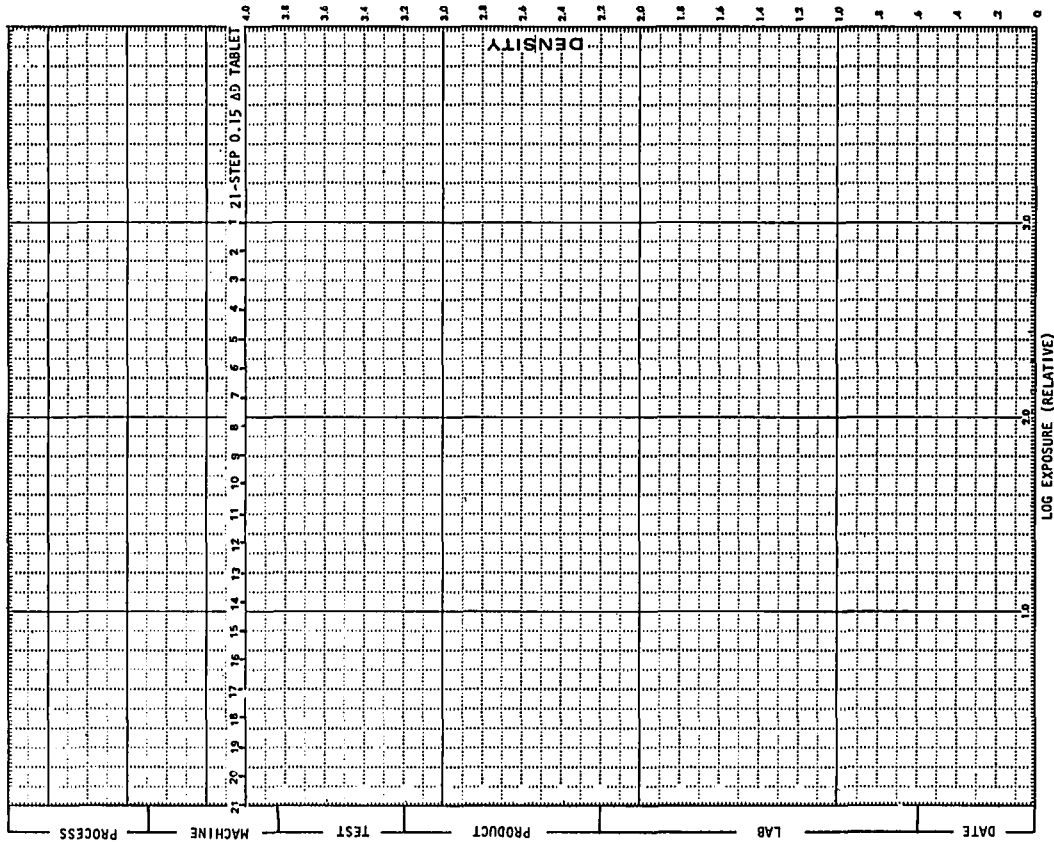


**SMPTE RECOMMENDED PRACTICE**

*Specifications for Graph Paper Used in Inter-Laboratory Exchange of Plotted Sensitometric Data*

**RP 22**  
Revision of  
RP 22-1966

**Curve Plotting Graph Paper**



Page 1 of 2 pages

**1. Scope**

This practice specifies a graph paper for inter-laboratory exchange of sensitometric data. It does not suggest that use of other graph papers be discontinued but specifies one general kind where the size of the sheet, quality of paper, the color of ink, the density and log exposure scale sizes, and the length and rulings are appropriate for quick, easy, and accurate comparison among laboratories.

**2. Paper**

- 2.1 The overall size of the graph paper shall be 216 mm (8.50 in) nominal horizontally by 273 mm (10.75 in) nominal vertically.
- 2.2 The paper shall be sufficiently thin with black reference lines for ease of comparison by overlay.

**3. Density Scale**

- 3.1 The density scale shall run vertically from 0.0 to 5.2. Density figures shall be printed in the right margin of the sheet starting at density 0.2 and thereafter at intervals of 0.2 up to 4.0.
- 3.2 Heavy horizontal lines shall be printed at density 0.0, 1.0, 2.0, 3.0, 4.0, 4.2, 4.6, 5.0, and 5.2.
- 3.3 Dotted horizontal lines with a dot spacing of 1.0 mm (0.039 in) shall be printed from edge to edge at intervals of 0.1 on the density scale.

**4. Log Relative Exposure Increment Scale**

- 4.1 The log relative exposure increment scale shall run horizontally from 0.0 to 4.0. Log relative exposure figures shall be printed at the bottom of the sheet at intervals of 1.0.
- 4.2 Heavy vertical lines shall be printed at a log exposure of 0.0, 1.0, 2.0, 3.0, and 4.0.
- 4.3 Dotted vertical lines with a dot spacing of 1.0 mm (0.039 in) shall be printed from top to bottom at intervals of 0.1 log exposure.
- 4.4 The 21-step printer density scale, corresponding to the log relative exposure scale, shall be positioned at the horizontal 4.0 line.

**5. Dotted Lines**

The horizontal and vertical dotted lines shall be printed so that the even-numbered lines are heavier than the odd-numbered lines.

**6. Short Lines**

Short lines, 1.0 mm (0.039 in) in length, shall be printed inside the border of the sheet at intervals of 1.0 mm.

**7. Information**

Technical information, such as emulsion, processing time, date, etc., may be surprinted across the top of the sheet at the discretion of the user. The name and address of the user may also be surprinted.