

# Errata

R. G. Neuhauser, "Black Level — The Lost Ingredient in Television Picture Fidelity," *Jour. SMPTE*, 66: 597-601, Oct. 1957.

In the production procedures of photoengraving and making up the proofs, the illustrations for Figs. 1 and 2 and the keys to their parts were transposed. To provide a clear and corrected record, the third paragraph of the third column on p. 597 should read as shown at the right, and the titles for Figs. 1 and 2 should read as shown below. The changes from the October *Journal* are: read C for A, D for B, A for C and B for D, throughout.

Figures 1 and 2 show the effects of improper black-level setting on different types of TV pictures. Figures 1C and 1D are low-key scenes displayed on a picture tube having proper black-level setup, and in Figs. 1A and 1B is shown the lack of contrast and the loss of the desired artistic effect which results when black-level control is omitted. Figures 2A and 2B show the effect of black-level clipping when the overall scene is predominantly white. In Figs. 2C and 2D black level is set at the proper point; in Figs. 2A and 2B, proper black level is not maintained on the picture tube.

**Fig. 1. C and D are illustrative of proper black-level setting. A and B show loss of contrast on low-key scenes resulting from improper black-level setting.**

**Fig. 2. C and D are pictures with proper black-level setting. A and B show the clipping of black level on bright pictures, due to improper black-level setting.**

## **motion-picture standards**

### **International Standardization**

The International Organization for Standardization (ISO), whose activities in the field of cinematography were described in some detail by Deane R. White in the September 1957 *Journal*, pp. 525-527, has thus far adopted the seven Recommendations published here.

Ten other recommendations have reached the second draft stage and there are five draft proposals in process. The machinery by which these are considered and may eventually be adopted is described in Dr. White's paper.

These are the Second Draft Recommendations now under consideration:

- D/ISO/R 69 Cutting and Perforating Dimensions for 16-Millimeter Silent Motion-Picture Negative and Positive Raw Stock
- D/ISO/R 70 Cutting and Perforating Dimensions for 16-Millimeter Sound Motion-Picture Negative and Positive Raw Stock
- D/ISO/R 72 Sound Records and Scanning Area of 35-Millimeter Sound Motion-Picture Prints
- D/ISO/R 73 Sound Records and Scanning Area of 16-Millimeter Sound Motion-Picture Prints
- D/ISO/R 74 Sound Records and Scanning Area of Double Width Push-Pull Sound Prints, Normal Centerline Type
- D/ISO/R 75 Sound Records and Scanning Area of Double Width Push-Pull Sound Prints, Offset Centerline Type
- D/ISO/R 77 Film, 35-Millimeter, Projected Image Area
- D/ISO/R 78 Film, 35-Millimeter, Image Produced by Camera Aperture

D/ISO/R 81 Film, 8-Millimeter, Image Produced by Camera Aperture

D/ISO/R 82 Film, 8-Millimeter. Projected Image Area

The status of the five Draft Proposals is as follows:

D/ISO/P (20) Luminance of White Matte Screens for 35mm Projection

*A modified first draft proposal which includes editorial suggestions has been circulated for comment to France, Russia and the United Kingdom with copies to all other member bodies.*

D/ISO/P (53) Three Magnetic Sound Records on 35mm Motion-Picture Film; One Magnetic Sound Record on 17½mm Motion-Picture Film

D/ISO/P (57) Magnetic Striping of 16mm Film Perforated Along Both Edges

*Action has been completed on these proposals and the drafts have been submitted by the Secretariat to the General Secretariat for submission to all ISO member bodies as Draft ISO Recommendations.*

D/ISO/P (56) Four Magnetic Sound Records on 35mm Motion-Picture Film

*The comments on this proposal are presently under consideration of the SMPTE.*

D/ISO/P (59) Maximum Aspect Ratio for 35mm Wide-Screen Motion Pictures

*A second draft proposal will be prepared based on the British editorial modifications.*

The next meeting of ISO Technical Committee 36 on Cinematography is scheduled for June 1958, in Harrogate, England. Many of the comments that have been circulated since the last meeting will be considered at that time. In addition, several new items have been suggested by the SMPTE engineering committees for possible inclusion in the agenda.



