3.5 The inside and outside corners of the notches may have a radius of 0.3 mm (0.012 in) maximum.

3.6 Dimension B for the end-of-run notch shown in Fig. 2 is expressed as a maximum to ensure a minimum notch length. There is no functional need to specify a maximum notch length. The trailing edge of the notch, specified by Dimension B, may approach or cross Datum Line X so that the notch length could extend to the end of the film provided the notch depth, Dimension F, is maintained.

NOTE 1: A nominal pitch, based on 72 perforation pitch intervals per foot, of 4.234 mm (0.16669 in) is assumed for all comparisons of the number of perforation pitch intervals in a given film length.

NOTE 2: In addition to this standard, there are available the following documents relating to 8-mm Type S Model 1 sound motion-picture film camera cartridges:

American National Standard Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge, Cartridge-Camera Interface and Take-Up Core Drive, ANSI PH22.197-1980

American National Standard Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge Aperture, Pressure Pad and Film Position, ANSI PH22.198-1980

American National Standard Specifications for 8-mm Type S Model 1 Sound Motion-Picture Film Camera Cartridge Pressure Pad Flatness and Camera Aperture Profile, ANSI PH22.199-1980

American National Standard Specifications for 8-mm Type S (Super 8) Motion-Picture Film Camera Cartridge Notches for Exposure Control and Stock Identification, ANSI PH22.166-1977

Appendix

(The Appendix is not a part of this American National Standard, but is included for information purposes only.)

A1. The lengths of the leader and trailer are necessary to ensure that the fog produced near the aperture is removed. Removing the material also provides space for identification numbers and allows for manufacturing variability of film lengths.

A2. It is suggested that positive means of stopping the film at the end of the camera run be provided to prevent the film end from being completely wound into the cartridge. This could be accomplished by a mechanical latching arrangement which is activated by changes in the film path through the cartridge at the time that film transport through the picture aperture ceases as a result of the presence of the perforation cut-out notch. A technique to accomplish this involves the use of a projection over which a hole in the film can be made to drop during the collapse of the loop between the picture and sound recording area of the cartridge.

A3. The user is cautioned that some 8-mm Type S camera cartridge films currently available do not meet the minimum specifications of Dimension E in Fig. 2. It is anticipated, however, that manufacturers will comply with the minimum specifications as it becomes necessary to change punches and dies through attrition or new machine design.

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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