

Cinematography —

Part 6: Television usage —

Section 6.1 Specification for motion-picture prints and sound records for international exchange of television programmes

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Cooperating organizations

The Cinematograph Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government department and scientific and industrial organizations:

- Association of Cinematograph, Television and Allied Technicians*
- British Broadcasting Corporation*
- British Film Institute*
- British Kinematograph, Sound and Television Society*
- British Photographic Manufacturers' Association
- Cinematograph Exhibitors' Association of Great Britain and Ireland*
- Federation of Specialized Film Associations
- Film Laboratory Association
- Film Production Association of Great Britain
- Health and Safety Executive
- Illuminating Engineering Society
- Incorporated Association of Kinematograph Manufacturers Ltd.
- Independent Television Companies' Association*
- Kinematograph Renters' Society Ltd.
- Royal Photographic Society

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- Association of Independent Cinemas
- Institute of Amateur Cinematographers
- National Association of Theatrical, Television & Kine Employees

This British Standard, having been prepared under the direction of the Cinematograph Standards Committee, was published under the authority of the Executive Board on 31 March 1978

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard is identical with ISO 3640 “*Cinematography — Motion-picture prints and sound records for international exchange of television programmes — Specifications*”.

At present there are many current British Standards and ISO standards on cinematography and others are at various stages of completion within BSI and Technical Committee 36, Cinematography, of the International Organization for Standardization (ISO).

An ISO standard that has received a positive United Kingdom vote will be adopted without deviation and published bearing a dual BS/ISO number as a Subsection of BS 5550 superseding any related British Standard. However, an existing British Standard that is technically equivalent to an ISO standard but contains other useful data may be retained and would not bear a dual BS/ISO number.

It is intended to republish current British Standards on cinematography as Sections and Subsections of BS 5550, and that BS 5550 will eventually encompass all cinematograph standards arranged within this one comprehensive work.

BSI Sectional List 1, obtainable free from the BSI Sales Department, catalogues the British Standards on cinematography. The latest edition of SL 1 should be referred to particularly in this developing situation.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication, without deviation, as a British Standard. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following.

The comma has been used in some places as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Where the words “International Standard” appear, referring to this standard, they should be interpreted as “British Standard”.

Cross-references. The following International Standards are referred to in the text and for each there is a corresponding British Standard; these are as listed below:

International Standard	Corresponding British Standard
ISO 5:1974	BS 1384:1947 <i>Measurement of photographic transmission density</i> (technically equivalent)
ISO 69:1972 ^b	BS 5550-2.1.1 ^a (currently BS 4526-2:1969 corresponds)
ISO 70:1976	BS 5550 <i>Cinematography</i> Subsection 3.4.1:1978 <i>Specification for position and width dimensions of 35 mm negative photographic sound record on 35 mm motion-picture film</i> (identical)
ISO 71:1977	BS 5550 <i>Cinematography</i> Subsection 2.4.1:1978 <i>Specification for positions and dimensions of 16 mm negative photographic sound record on 16 mm, 35/16 mm and 35/32 mm motion-picture film</i> (identical)
ISO 162:1975	BS 2981:1975 <i>Dimensional features of magnetic sound recording on perforated film</i> (technically equivalent)

^a In course of preparation.

^b Under revision.

International Standard	Corresponding British Standard
ISO 466:1976	BS 5550 <i>Cinematography</i> Subsection 2.2.1:1978 <i>Specification for positions and dimensions of the image produced by 16 mm motion-picture camera aperture</i> (identical)
ISO 490 ^a	BS 2981:1975 <i>Dimensional features of magnetic sound recording on perforated film</i>
ISO 491:1974 ^b	BS 4526 <i>Dimensions of motion-picture film</i> Part 1:1969 <i>35 mm film</i>
ISO 543:1974	BS 5550 <i>Cinematography</i> Subsection 5.1.1:1978 <i>Definition, testing and marking of motion-picture safety film</i> (identical)
ISO/R 890:1968	BS 2981:1975 (technically equivalent)
ISO/R 891:1968	BS 5550 <i>Cinematography</i> Subsection 2.4.2:1978 <i>Specification for the location and width of the recording head for edge sound records on 16 mm perforated magnetic film</i> (identical)
ISO 1039:1975	BS 5550 <i>Cinematography</i> Subsection 5.12.1:1978 <i>Specification for the dimensions of cores for motion-picture and magnetic film rolls</i> (identical)
ISO 1189:1975	BS 5550 <i>Cinematography</i> Subsection 3.4.2:1978 <i>Specification for record characteristic for magnetic sound records on 35 mm motion-picture film</i> (identical)
ISO/R 1223:1971 ^b	BS 5115:1974 <i>Dimensions of picture areas of motion-picture films, slides and opaques for television</i>
ISO 1700:1972	BS 5550 <i>Cinematography</i> Subsection 1.1.1:1978 <i>Specification for cutting and perforating dimensions for 8 mm Type S motion-picture raw stock film</i> (identical)
ISO 1793:1975	BS 5550: Subsection . . . ^a (currently BS 2014:1960 corresponds)
ISO 2895:1974	BS 5550 <i>Cinematography</i> Subsection 7.2.1:1978 <i>Specification for screen luminance in cinematograph laboratory and studio review rooms</i> (technically equivalent)
ISO 2907:1972	BS 5550 <i>Cinematography</i> Subsection 3.2.2:1978 <i>Specification for the projectable image area of 35 mm motion-picture film</i> (identical)
ISO 2939:1975 (ISO/R 24 is superseded by ISO 2939)	BS 5550 <i>Cinematography</i> Subsection 3.2.3:1978 <i>Specification for positions and dimensions of picture image area and photographic sound record on 35 mm motion-picture release prints</i> (identical)

^a In course of preparation.^b Under revision.