
SMPTE STABLE DOCUMENT



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The SMPTE Operations Manual for Standards states:

A document should be stabilized if it is believed to be substantially correct, does not contain harmful or misleading recommendations, may still be relevant to equipment or practices in use, is stable, but does not represent current technology, and need not be subject to future reviews.

A Stable document shall still be made available and offered for sale by the Society, but it shall be prefaced by a cover page explaining its current status.

At any time, a Technology Committee may revise, amend, or otherwise initiate a new Project on a Stable document.

A Stable document is “In Force”, and not deprecated or withdrawn.

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Note:

SMPTE “Stable” documents were previously described as “Archived” and the attached document may be marked as “Archived”. The status of a SMPTE document described as “Archived” is exactly as described above for a “Stable” document.

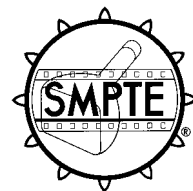
Stable documents may not adhere to the latest style and format of SMPTE documents, or to current usage of normative language. Suitable care should be taken in interpretation.

SMPTE RECOMMENDED PRACTICE

RP 83-1996

Revision of RP 83-1992

Specifications of Tracking-Control Record for 1-in Type B Helical-Scan Television Analog Recording



Page 1 of 2 pages

1 Scope

This practice specifies the recorded relationships among the tracking control signal, the edit pulse signal, and the video signal for 1-in type B helical-scan video tape recordings.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility

of applying the most recent edition of the standards indicated below:

ANSI/SMPTE 16M-1992, Television Analog Recording — 1-in Type B Helical Scan — Records

EIA Industrial Electronics Tentative Standard No. 1, Color Television Studio Picture Line Amplifier Output Drawing

ITU-R BT.470-4, Television Systems

3 Dimensions

3.1 The recorded relationships among the tracking control signal, the edit pulse signal, and the video signal shall be as specified in figure 1.

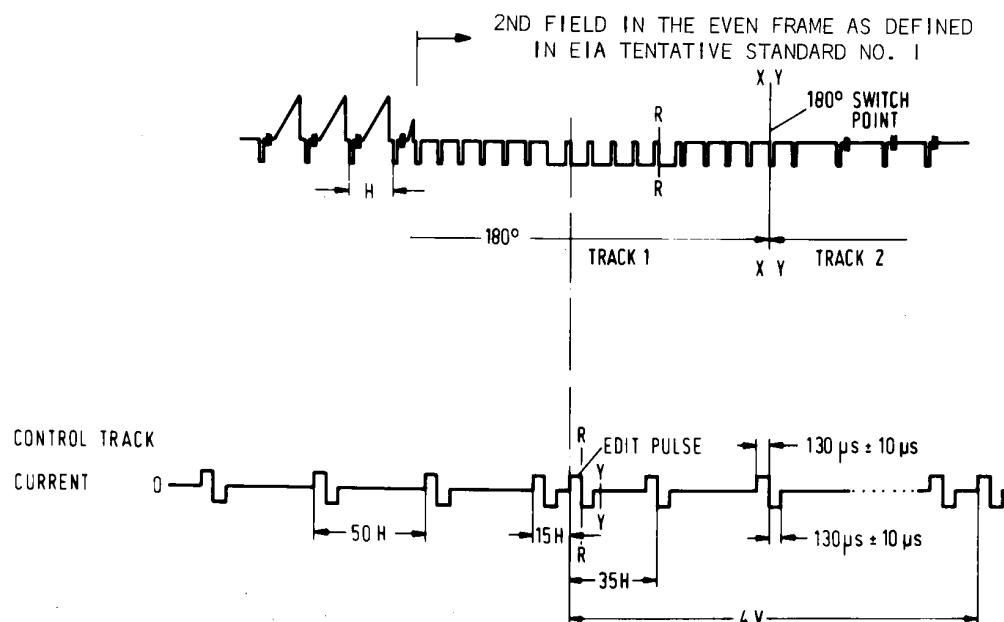


**Figure 1 – Position and waveform of control track and edit pulse
525 line-60 field systems (NTSC)**