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Society of Cable Telecommunications Engineers

ENGINEERING COMMITTEE
Digital Video Subcommittee

AMERICAN NATIONAL STANDARD

ANSI/SCTE 104 2015

Automation System to Compression System Communications Applications Program Interface (API)

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1. Introduction

1.1. Scope

This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

2. Normative References

The following documents contain provisions, which, through reference in this text, constitute provisions of this document. At the time of Subcommittee approval, the editions indicated were valid. All documents are subject to revision; and while parties to any agreement based on this document are encouraged to investigate the possibility of applying the most recent editions of the documents listed below, they are reminded that newer editions of those documents might not be compatible with the referenced version.

2.1. SCTE References

[1] SCTE 35 2014, Digital Program Insertion Cueing Message for Cable, Society of Cable Telecommunications Engineers (SCTE), 2014. (Also standardized as ITU-T Recommendation J.181).
[2] ANSI/SCTE 30 2009, Digital Program Insertion Splicing API, Society of Cable Telecommunications Engineers (SCTE), 2009.

2.2. Standards from Other Organizations

[3] ISO/IEC 13818-1; Information Technology ---- Generic Coding of Moving Pictures and Associated Audio Information: Systems, International Organization for Standardization/International Electrotechnical Commission, 2013. (Also standardized as ITU-T Recommendation H.222.0).
[4] ITU-R BT.653-3, Teletext Systems, International Telecommunications Union (ITU), Radiocommunication Assembly, 1998.
[5] ANSI/EIA-516, North American Basic Teletext Specification (NABTS), Electronic Industries Association (EIA), 1988. (Defined in BT.653-3 [[4]] as “System C”). (For the purposes of this document, only Chapters 1, 2, 3, and 4 are normative. Chapters 5 through 8 are informative).
[6] ETSI ETS 300 706, Enhanced Teletext specification, European Telecommunications Standards Institute (ETSI), 2003. (Defined in BT.653-3 [[4]] as “System B”).
[7] ETSI ETS 300 708, Data transmission within Teletext, European Telecommunications Standards Institute (ETSI), 2003.
[8] SMPTE 334-1, Vertical Ancillary Data Mapping of Caption Data and Other Related Data, Society of Motion Picture and Television Engineers, 2007.
[9] SMPTE 291, Ancillary Data Packet and Space Formatting, Society of Motion Picture and Television Engineers, 2010.
[10] SMPTE 2010, Vertical Ancillary Data Mapping of ANSI/SCTE 104 Messages, Society of Motion Picture and Television Engineers, 2008.

2.3. Published Materials

- No normative published material references are applicable.