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ENGINEERING GUIDELINES AND REGISTERED DISCLOSURE DOCUMENTS
(Revised July 29, 2015)

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PLEASE NOTE: This document replaced RP 2008:2008.

ST 382:2007 Material Exchange Format – Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container

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- ST 389:2005** Television – Material Exchange Format (MXF) – MXF Generic Container Reverse Play System Element (R2013)
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- ST 393:2004 (Archived 2010)** Television – Material Exchange Format (MXF) – Operational Pattern 2b (Play-List Items, Ganged Packages)
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- ST 399:2004 (Archived 2010)** Digital Television Recording – 1/2-in Type D-15 High-Definition Compressed Video Data Format
- ST 400:2012** SMPTE Labels Structure
- ST 401:2005** Television – Extended Content Control Information (ExCCI) Data Packet
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- ST 405:2006** Television – Material Exchange Format (MXF) – Elements and Individual Data Items for the MXF Generic Container System Scheme 1 (R2013)
- ST 407:2006** Television – Material Exchange Format (MXF) – Operational Patterns 3a and 3b (R2013)
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- ST 409:2005** Digital Television Tape Recording – 12.65-mm Type D-16 Format
- ST 410:2008** Material Exchange Format – Generic Stream Partition (R2013)
- ST 411:2006 (Stabilized 2015)** Motion-Picture Film – Cinematography – Spectral Response of Photographic Audio Reproducers for Analog Dye Sound Tracks on 35-mm Film
- ST 417:2005 (Stabilized 2015)** Motion-Picture Film (65-mm) – Camera Aperture Image and Usage, 15/70 Format (R2010)
- ST 418:2005 (Stabilized 2015)** Motion-Picture Film (65-mm) – Camera Aperture Image and Usage, 8/70 Format
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- ST 421:2013** VC-1 Compressed Video Bitstream Format and Decoding Process

ST 422:2014 Material Exchange Format – Mapping JPEG 2000 Codestreams into the MXF Generic Container

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ST 425-2:2012 Source Image Format and Ancillary Data Mapping for Stereoscopic Image Formats on a Single-Link 3 Gb/s Serial Interface

ST 425-3:2015 Image Format and Ancillary Data Mapping for the Dual Link 3 Gb/s Serial Interface

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ST 425-5:2015 Image Format and Ancillary Data Mapping for the Quad Link 3 Gb/s Serial Interface

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ST 428-7:2014 D-Cinema Distribution Master – Subtitle

ST 428-9:2008 D-Cinema Distribution Master – Image Pixel Structure Level 3 – Serial Digital Interface Signal Formatting

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ST 2016-4:2014 Vertical Ancillary Data Mapping of Pan-Scan Information

ST 2016-5:2009 KLV Coding for Active Format Description, Bar Data and Pan-Scan Information
PLEASE NOTE: WITHDRAWN 2012. This document is available for historical purposes only.

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ST 2019-3:2008 VC-3 Type Data Stream Mapping over SDTI

ST 2019-4:2014 Mapping VC-3 Coding Units into the MXF Generic Container

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ST 2021-2:2012 Broadcast Exchange Format (BXF) - Protocol

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ST 2034-1:2014 Archive eXchange Format (AXF) – Part 1: Structure & Semantics

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ST 2041-1:2010 Format for Non-PCM Audio in AES3 – MPEG Layer I, II and II Audio

ST 2041-2:2010 Format for Non-PCM Audio in AES3 – MPEG-2 AAC and HE AAC Audio in ADTS

ST 2041-3:2010 Format for Non-PCM Audio and Data in AES3 – MPEG-4 AAC and HE AAC Compressed Digital Audio in ADTS and LATM/LOAS Wrappers

ST 2042-1:2012 VC-2 Video Compression

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ST 2045:2010 Register Interchange Format

ST 2046-1:2009 Specifications for Safe Action and Safe Title Areas for Television

ST 2047-2:2010 Carriage of VC-2 Compressed Video Over HD-SDI

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ST 2048-2:2011 2048 x 1080 Digital Cinematography Production Image FS/709 Formatting for Serial Digital Interface

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ST 2052-0:2013 SMPTE-TT and Format Translation – Roadmap for the 2052 Document Suite

ST 2052-1:2013 Timed Text Format (SMPTE-TT)

ST 2053:2011 Media Package for Storage, Distribution and Playback of Multimedia File Sets and Internet Resources

ST 2056:2011 MPEG TS Packets Carried in VANC

ST 2058-1:2010 VC-4 Layered Video Extension Bitstream Format and Decoding Process

ST 2059-1:2015 Generation and Alignment of Interface Signals to the SMPTE Epoch

ST 2059-2:2015 SMPTE Profile for Use of IEEE-1588 Precision Time Protocol in Professional Broadcast Applications

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ST 2080-1:2014 Reference White Luminance Level and Chromaticity for HDTV

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SMPTE ST 2081-1:2015 6 Gb/s Signal/Data Serial Interface – Electrical

SMPTE ST 2081-10:2015 2160-Line and 1080-Line Source Image and Ancillary Data Mapping for Single-Link 6G-SDI

SMPTE 2082-0:2015 12G-SDI Bit-Serial Interfaces – Overview for the SMPTE ST 2082 Document Suite

SMPTE ST 2082-1:2015 12 Gb/s Signal/Data Serial Interface – Electrical

SMPTE ST 2082-10:2015 2160-Line Source Image and Ancillary Data Mapping for 12G-SDI

ST 2084:2014 High Dynamic Range Electro-Optical Transfer Function of Mastering Reference Displays

ST 2085:2015 $Y'D'_zD'_x$ Color-Difference Computations for High Dynamic Range X'Y'Z' Signals

ST 2086:2014 Mastering Display Color Volume Metadata Supporting High Luminance and Wide Color Gamut Images

RECOMMENDED PRACTICES

RP 6:1994 (Archived 2004) Recorded Carrier Frequencies and Preemphasis Characteristics for 2-in Quadruplex Video Magnetic Tape Recording for 525-Line/60-Field Television Systems

RP 9:1995 (Archived 2004) Dimensions of Double-Frame 35-mm 2x2 Slides for Precise Applications in Television

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RP 12:1997 (Stabilized 2012) Screen Luminance for Drive-In Theaters

RP 14:1997 (Stabilized 2015) Plotting Data from Sensitometric Strips Exposed on Type Ib (Intensity Scale) Sensitometers (R2004)

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RP 24:1997 (Stabilized 2015) Dimensions for 16-mm Motion-Picture Camera (R2007)

RP 25:2011 Audio and Picture Synchronization in Motion-Picture Film Relative to Leaders for Television and Theatrical Presentation for Magnetic and Photographic Records

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RP 27.5:1989 (Archived 2004) Specifications for Mid-Frequency Response Test Pattern for Television

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RP 47:1999 (Archived 2004) Electronic Method of Dropout Detection and Counting

RP 48:1999 (Archived 2009) Lubrication of 16- and 8-mm Motion-Picture Prints

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RP 51:1995 (Archived 2004) Screen Luminance and Viewing Conditions for 8-mm Review Rooms

RP 53:1993 (Archived 2008) Scene-Change Methods for Printing 35-mm, 16-mm and 8-mm Type S Motion-Picture Film (R2003)

RP 54:1999 (Archived 2004) Edge Numbering on 16-mm Release Prints

RP 55:1997 (Stabilized 2015) 8-mm Type S Sprocket Design (R2003)

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RP 58:1995 (Archived 2004) Nomenclature for Devices Enclosing 8-mm Motion-Picture Film for Projection

RP 59:1999 (Archived 2004) Color and Luminance of Review Room Screens for Viewing Motion-Picture Materials Intended for Slides or Film Strips

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RP 64:1999 (Archived 2004) Specifications for Audio-Focusing Test Film for 35-mm Audio Reproducers, Photographic Type

RP 65:2000 (Stabilized 2015) Motion-Picture Enlargement/Reduction Ratios (R2007)

RP 67:2002 (Stabilized 2015) Specifications for Buzz-Track Test Film for 16-mm Motion-Picture Audio Reproducers, Photographic Type (R2009)

RP 68:2002 (Stabilized 2015) Specifications for Buzz-Track Test Film for 35-mm Motion-Picture Photographic Audio Reproducers (R2008)

RP 69:2002 (Stabilized 2015) Specifications for Scanning-Beam Uniformity Test Film for 35-mm Motion-Picture Audio Reproducers (R2007)

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RP 86:1991 (Archived 2010) Video Record Parameters for 1-in Type C Helical-Scan Television Tape Recording (R1995)

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RP 128:2002 (Stabilized 2015) Specifications for Audio Level and Multifrequency Test Film for 70-mm Striped Six-Track Release Print Audio Reproducers, Magnetic Type

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