Media Standards Registry

Advanced Authoring Format	AMWA	Specification	[Active]	**Advanced Authoring Format (AAF) Edit Protocol**
				Current Status: *Active*
				Publication Date: 2005-04-08T07:00:00.000Z
Applied Cryptography (2nd Ed)	Wiley	Book	[Active]	**Applied Cryptography, Second Edition: Protocols, Algorthms, and Source Code in C, 20th Anniversary Edition**
				Current Status: *Active*
				Publication Date: 2015-10-06T07:00:00.000Z
AES11-2003	AES	Standard	[Superseded] **Superseding Document(s):** AES11-2009 (r2019) *[Amended]*	**AES recommended practice for digital audio engineering - Synchronization of digital audio equipment in studio operations.**
				Current Status: *Superseded*
AES11-2009 (r2019)	AES	Standard	[Active] [Amended] **Amending Document(s):** AES11-2009 (r2019) Addendum 2010-02-19 *[Active]*	**AES recommended practice for digital audio engineering - Synchronization of digital audio equipment in studio operations. (Revision of AES11-2003)**
				Current Status: *Amended*
AES11-2009 (r2019) Addendum 2010-02-19	AES	Standard	[Active]	**Addendum 2010-02-19 - AES recommended practice for digital audio engineering - Synchronization of digital audio equipment in studio operations. (Revision of AES11-2003)**
				Current Status: *Active*
				Publication Date: 2019-07-05T07:00:00.000Z
AES3-2003	AES	Standard	[Superseded] **Superseding Document(s):** AES3-2009 (r2019) *[Active]*	**AES standard for digital audio engineering - Serial transmission format for two-channel linearly represented digital audio data**
				Current Status: *Superseded*
AES3-2009 (r2019)	AES	Standard	[Active]	**AES standard for digital audio engineering - Serial transmission format for two-channel linearly represented digital audio data**
				Current Status: *Active*
				Publication Date: 2015-01-09T07:00:00.000Z

Media Standards Registry

AES5-2003	AES	Standard	**[Superseded]** **Superseding Document(s):** [AES5-2008](#) *[Superseded]*	[AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code modulation](#) **Current Status:** *Superseded*
AES5-2008	AES	Standard	**[Superseded]** **Superseding Document(s):** [AES5-2018](#) *[Active]*	[AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code modulation (revision of AES5-2003)](#) **Current Status:** *Superseded*
AES5-2018	AES	Standard	**[Active]**	[AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code modulation (revision of AES5-2003)](#) **Current Status:** *Active* Publication Date: 2018-12-02T07:00:00.000Z
AES-R2-2004 (s2012)	AES	Report	**[Active]** **[Stablized]**	[AES project report for articles on professional audio and for equipment specifications — Notations for expressing levels (Revision of AES-R2-1998)](#) **Current Status:** *Active* Publication Date: 2004-02-04T07:00:00.000Z
AG-01:2014	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Technology Committees List](#) **Current Status:** *Active* Publication Date: 2014-05-05T07:00:00.000Z
AG-02:2014	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Document Naming and Packaging](#) **Current Status:** *Active* Publication Date: 2015-08-17T07:00:00.000Z
AG-03:2014	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Permitted Normative References](#) **Current Status:** *Active* Publication Date: 2014-06-04T07:00:00.000Z

Media Standards Registry

AG-04:2016	SMPTE	Policy	**[Superseded]** **Superseding Document(s):** AG-04:2020 *[Active]*	[Standards Administrative Guideline - Standards Template](#) **Current Status:** *Superseded* Publication Date: 2016-08-29T07:00:00.000Z
AG-04:2020	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Standards Template](#) **Current Status:** *Active* Publication Date: 2020-01-01T08:00:00.000Z
AG-05:2018	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - XML in Engineering Documents](#) **Current Status:** *Active* Publication Date: 2016-03-14T07:00:00.000Z
AG-06:2016	SMPTE	Policy	**[Superseded]** **Superseding Document(s):** AG-06:2020 *[Active]*	[Standards Administrative Guideline - Starting a Project](#) **Current Status:** *Superseded* Publication Date: 2016-06-20T07:00:00.000Z
AG-06:2020	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Starting a Project](#) **Current Status:** *Active* Publication Date: 2020-05-26T07:00:00.000Z
AG-07:2016	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Document Flowcharts](#) **Current Status:** *Active* Publication Date: 2016-08-29T07:00:00.000Z
AG-08:2014	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Patent Statement](#) **Current Status:** *Active* Publication Date: 2014-12-22T08:00:00.000Z
AG-10a:2020	SMPTE	Policy	**[Active]**	[Standards Administrative Guideline - Liaisons Delegates Rapporteurs](#) **Current Status:** *Active* Publication Date: 2020-01-21T08:00:00.000Z

Media Standards Registry

AG-10b:2020   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Liaisons Agreements](#)

> **Current Status:** *Active*
>
> Publication Date: 2020-01-21T08:00:00.000Z

AG-12:2017   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Meeting Policy Announcement](#)

> **Current Status:** *Active*
>
> Publication Date: 2017-09-23T07:00:00.000Z

AG-14:2014   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Standard Community Participation Agreement](#)

> **Current Status:** *Active*
>
> Publication Date: 2014-12-20T08:00:00.000Z

AG-15:2015   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Guest Participation Agreement](#)

> **Current Status:** *Active*
>
> Publication Date: 2015-01-19T08:00:00.000Z

AG-16:2020   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Standards Style Guide](#)

> **Current Status:** *Active*
>
> Publication Date: 2020-03-17T07:00:00.000Z

AG-18:2017   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Metadata Registers Procedures](#)

> **Current Status:** *Active*
>
> Publication Date: 2017-07-17T07:00:00.000Z

AG-19:2019   SMPTE   Policy   [Active]   [Standards Administrative Guideline - Project Status Values](#)

> **Current Status:** *Active*
>
> Publication Date: 2019-08-27T07:00:00.000Z

AG-20:2019	SMPTE	Policy	[Active]	Standards Administrative Guideline - Overview Documents (OV)

Current Status: *Active*

Publication Date: 2019-03-26T07:00:00.000Z

AG-22:2018	SMPTE	Policy	[Active]	Standards Administrative Guideline - Technical Specifications

Current Status: *Active*

Publication Date: 2018-09-11T07:00:00.000Z

AG-24:2019	SMPTE	Policy	[Active]	Standards Administrative Guideline - MXF UL Style Guidelines

Current Status: *Active*

Publication Date: 2019-07-02T07:00:00.000Z

ASA PH22.55-1966	ASA/SMPTE	Standard	[Unknown]	(SMPTE Universal Leader) Leaders and Cue Marks for 35-mm and 16-mm Sound Motion-Picture Release Prints, 1966.

Current Status: *Unknown*

Details: *Cannot locate*

ASN.1	ITU-T	Notation	[Active]	Abstract Syntax Notation 1

Current Status: *Active*

ASN.1, BER DER 11-1993	RSA	TechnicalNote	[Active]	A Layman's Guide to a Subset of ASN.1, BER, and DER

Current Status: *Active*

Publication Date: 1993-11-01T07:00:00.000Z

ATSC A/52 Annex A	ATSC	Standard	[Superseded]	DIGITAL AUDIO COMPRESSION (AC-3) (E-AC-3) STANDARD, Annex A, 'AC-3 Elementary Streams in an MPEG-2 Multiplex'

Superseding Document(s):
ATSC A/52:2015
[Superseded]

Current Status: *Superseded*

Publication Date: 1995-04-12T07:00:00.000Z

ATSC A/52:2015	ATSC	Standard	[Superseded]	DIGITAL AUDIO COMPRESSION (AC-3) (E-AC-3) STANDARD

Superseding Document(s):
ATSC A/52:2018
[Active]

Current Status: *Superseded*

Publication Date: 2015-11-24T07:00:00.000Z

Media Standards Registry

`ATSC A/52:2018`	ATSC	Standard	[Active]	**DIGITAL AUDIO COMPRESSION (AC-3) (E-AC-3) STANDARD**

Current Status: *Active*

Publication Date: 2018-01-25T07:00:00.000Z

`CIE 015:2004`	CIE	Technical Report	[Superseded]	**COLORIMETRY, 3RD EDITION**

Superseding Document(s):
CIE 015:2018
[Active]

Current Status: *Superseded*

Publication Date: 2004-01-01T07:00:00.000Z

`CIE 015:2018`	CIE	Technical Report	[Active]	**COLORIMETRY, 4TH EDITION**

Current Status: *Active*

Publication Date: 2018-01-01T07:00:00.000Z

`CIE 15.2:1986`	CIE	Technical Report	[Superseded]	Colorimetry (Second Edition)

Superseding Document(s):
CIE 015:2004
[Superseded]

Current Status: *Superseded*

`CMR - Movielabs`	Movielabs	Specification	[Active]	**COMMON METADATA RATINGS**

Current Status: *Active*

`DCSS v1.2 2012-1010`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]* **[Amended]** **Amending Document(s):** DCSS v1.2 Errata 1-2 2013-0821 *[Superseded]* DCSS v1.2 Errata-3-9 2014-0904 *[Superseded]* DCSS v1.2 Replacement Chapter 9 20140904 *[Superseded]* DCSS v1.2 Errata 10-13 08-30-2012 *[Superseded]* DCSS v1.2 Errata 14 Sept-25-2015 *[Superseded]* DCSS v1.2 Errata 15-23 March-31-2016 *[Superseded]* DCSS v1.2 Errata 24 APRIL-28-2016 *[Superseded]* DCSS v1.2 Errata 25-38 2017-0302 *[Superseded]* DCSS v1.2 Erratum 39 2017-0802 *[Superseded]* DCSS v1.2 Errata 40-42 2017-0829 *[Superseded]* DCSS v1.2 Erratum 43 2017-1005 *[Superseded]* DCSS v1.2 Errata 44-45 2018-0124 *[Superseded]*	**Digital Cinema System Specification Version 1.2** **Current Status:** *Superseded* Publication Date: 2012-08-30T07:00:00.000Z
`DCSS v1.2 Errata 10-13 08-30-2012`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 10-13** **Current Status:** *Superseded* Publication Date: 2015-08-26T07:00:00.000Z
`DCSS v1.2 Errata 14 Sept-25-2015`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 14** **Current Status:** *Superseded* Publication Date: 2015-09-25T07:00:00.000Z

Media Standards Registry

`DCSS v1.2 Errata 15-23 March-31-2016`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 15-23** **Current Status:** *Superseded* Publication Date: 2016-03-31T07:00:00.000Z
`DCSS v1.2 Errata 1-2 2013-0821`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 1-2** **Current Status:** *Superseded* Publication Date: 2013-08-21T07:00:00.000Z
`DCSS v1.2 Errata 24 APRIL-28-2016`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 24** **Current Status:** *Superseded* Publication Date: 2016-04-28T07:00:00.000Z
`DCSS v1.2 Errata 25-38 2017-0302`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 25-38** **Current Status:** *Superseded* Publication Date: 2017-03-02T08:00:00.000Z
`DCSS v1.2 Erratum 39 2017-0802`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 39** **Current Status:** *Superseded* Publication Date: 2017-08-02T07:00:00.000Z
`DCSS v1.2 Errata-3-9 2014-0904`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 3-9** **Current Status:** *Superseded* Publication Date: 2014-09-04T07:00:00.000Z
`DCSS v1.2 Errata 40-42 2017-0829`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 40-42** **Current Status:** *Superseded* Publication Date: 2017-08-29T07:00:00.000Z
`DCSS v1.2 Erratum 43 2017-1005`	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 43** **Current Status:** *Superseded* Publication Date: 2017-10-05T07:00:00.000Z

Media Standards Registry

DCSS v1.2 Errata 44-45 2018-0124	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 44-45** **Current Status: *Superseded*** Publication Date: 2018-01-24T08:00:00.000Z
DCSS v1.2 Replacement Chapter 9 20140904	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Replacement Chapter 9** **Current Status: *Superseded*** Publication Date: 2014-09-04T07:00:00.000Z
DCSS v1.3 2018-0627	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]* **[Amended]** **Amending Document(s):** DCSS v1.3 Errata 1-9 2018-1001 *[Superseded]* DCSS v1.3 Errata 10-12 2018-1207 *[Superseded]* DCSS v1.3 Errata 13-17 2019-0809 *[Superseded]* DCSS v1.3 Errata 18-20 2019-1219 *[Superseded]* DCSS v1.3 Erratum 21 2020-0206 *[Superseded]* DCSS v1.3 Errata 22-28 2020-0506 *[Superseded]* DCSS v1.3 Errata 29 2020-0714 *[Superseded]*	**Digital Cinema System Specification Version 1.3** **Current Status: *Superseded*** Publication Date: 2018-06-27T07:00:00.000Z
DCSS v1.3 Errata 10-12 2018-1207	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	**DCSS Errata 10-12** **Current Status: *Superseded*** Publication Date: 2018-12-07T08:00:00.000Z
DCSS v1.3 Errata 13-17 2019-0809	DCI	Specification	**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	**DCSS Errata 13-17** **Current Status: *Superseded*** Publication Date: 2019-08-09T07:00:00.000Z

Media Standards Registry

DCSS v1.3 Errata 18-20 2019-1219	DCI	Specification		**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 18-20 **Current Status: *Superseded*** Publication Date: 2019-12-19T08:00:00.000Z
DCSS v1.3 Errata 1-9 2018-1001	DCI	Specification		**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 1-9 **Current Status: *Superseded*** Publication Date: 2018-10-01T07:00:00.000Z
DCSS v1.3 Erratum 21 2020-0206	DCI	Specification		**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 21 **Current Status: *Superseded*** Publication Date: 2020-02-06T08:00:00.000Z
DCSS v1.3 Errata 22-28 2020-0506	DCI	Specification		**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 22-28 **Current Status: *Superseded*** Publication Date: 2020-05-06T07:00:00.000Z
DCSS v1.3 Errata 29 2020-0714	DCI	Specification		**[Superseded]** **Superseding Document(s):** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 29 **Current Status: *Superseded*** Publication Date: 2020-07-14T07:00:00.000Z
DCSS v1.4 2020-0720	DCI	Specification	[DCinema] [Packaging] [DCP Core] [Distribution] [Operations] [Security] [KDM]	[Active] [Amended] **Amending Document(s):** DCSS v1.4 Errata 1-2 2020-0902 *[Active]*	Digital Cinema System Specification Version 1.4 **Current Status: *Amended*** Publication Date: 2020-07-20T07:00:00.000Z
DCSS v1.4 Errata 1-2 2020-0902	DCI	Specification	[DCinema] [Packaging] [DCP Core] [Distribution] [Operations] [Security] [KDM]	[Active]	DCSS Errata 1-2 **Current Status: *Active*** Publication Date: 2020-09-02T07:00:00.000Z
Memo NIST ST 20200701	DCI	Memo	[DCinema] [Security]	[Active]	DCI Memorandum on NIST Standards Transitions and 'Non-FIPS Mode' **Current Status: *Active*** Publication Date: 2010-07-01T07:00:00.000Z

Media Standards Registry

`HFR RP`	DCI	Recommended Practice		[Active]	[DCI High Frame Rates Digital Cinema Recommended Practice](#)

Current Status: *Active*

Publication Date: 2012-09-28T07:00:00.000Z

`Object-Based Audio Addendum 2013-0909`	DCI	Specification	[DCinema] [Immersive Audio]	[Superseded]	[Digital Cinema Object-Based Audio Addendum](#)

Superseding Document(s): [Object-Based Audio Addendum 2018-1001](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2013-09-09T07:00:00.000Z

`DRAFT Direct View Display D-Cinema Addendum v09 2018-1116`	DCI	Specification		[Draft]	[DRAFT Direct View Display D-Cinema Addendum DRAFT Version 0.9](#)

Current Status: *Draft*

Details: *DRAFT*

Publication Date: 2018-11-16T08:00:00.000Z

`DRAFT HDR D-Cinema Addendum v09 2018-1116`	DCI	Specification		[Draft]	[DRAFT High Dynamic Range D-Cinema Addendum DRAFT Version 0.9](#)

Current Status: *Draft*

Details: *DRAFT*

Publication Date: 2018-11-16T08:00:00.000Z

`Object-Based Audio Addendum 2018-1001`	DCI	Specification	[DCinema] [Immersive Audio]	[Active]	[Digital Cinema Object-Based Audio Addendum](#)

Current Status: *Active*

Publication Date: 2018-10-01T07:00:00.000Z

`Stereoscopic DC Addendum v1.0`	DCI	Specification		[Active]	[Stereoscopic Digital Cinema Addendum](#)

Current Status: *Active*

Publication Date: 2007-07-11T07:00:00.000Z

`Memo On Direct View Displays 20180627`	DCI	Memo		[Active]	[DCI Memorandum Regarding Direct View Displays](#)

Current Status: *Active*

Publication Date: 2018-06-27T07:00:00.000Z

Media Standards Registry

`Memo on RNG Revocation 20180511`	DCI	Memo		[Active]	**[DCI Memorandum on RNG Revocation and Related NIST and FIPS Developments](#)** **Current Status:** *Active* Publication Date: 2018-05-11T07:00:00.000Z
`Technology Evolution Statement 20190329`	DCI	Statement		[Active]	**[DCI STATEMENT ON TECHNOLOGY EVOLUTION IN DIGITAL CINEMA](#)** **Current Status:** *Active* Publication Date: 2019-03-29T07:00:00.000Z

`ISDCF Doc 01`	ISDCF	Registry	`[DCinema]`
			`[DCP Core]`
			`[Packaging]`
			`[Distribution]`
				[Active]	**[Digital Cinema Content Naming Convention](#)**
					
					Current Status: *Active*
					
					Details: *ISDCF maintains the recommendation for naming DCP files.*
					
					GitHub:
					https://github.com/ISDCF/registries

`DLP Cinema CineCanvas 1.1-Rev-C`	IOP	Specification	`[DCinema]`
			`[Packaging]`
			`[DCP Core]`
			`[Interop]`
			`[Subtitles]`
			`[Captions]`
				[Active]	**[Subtitle Specification (XML File Format) for DLP CinemaTM Projection Technology](#)**
					
					Current Status: *Active*
					
					Publication Date: 2005-03-31T08:00:00.000Z

`EBU / SMPTE HSEPMBS — 1998`	EBU/SMPTE	Technical Report		[Active]	**[EBU / SMPTE Task Force for Harmonized Standards for the Exchange of Programme Material as Bitstreams](#)** **Current Status:** *Active* Publication Date: 1998-08-30T07:00:00.000Z
`EG 17:2002`	SMPTE [20F]	Engineering Guideline		[Active]	**[B-Chain Electroacoustical Response for Preparing Magnetic Masters for Transfer to 16-mm or 35/32-mm Monaural Photographic Film](#)** **Current Status:** *Active* Publication Date: 2002-07-26T07:00:00.000Z

| EG 41:2004 | SMPTE [31FS] | Engineering Guideline | | [Withdrawn] | For Television — Material Exchange Format (MXF) — Engineering Guideline (Informative) |

Current Status: *Withdrawn*

Publication Date: 2004-01-01T07:00:00.000Z
Withdrawn Date: 2010-03-01T07:00:00.000Z

| EG 42:2004 | SMPTE [31FS] | Engineering Guideline | | [Superseded] | For Television — Material Exchange Format (MXF) — MXF Descriptive Metadata |

Superseding Document(s):
EG 42:2015 *[Active]*

Current Status: *Superseded*

Publication Date: 2004-01-01T07:00:00.000Z

| EG 42:2015 | SMPTE [31FS] | Engineering Guideline | | [Active] | Material Exchange Format (MXF) — MXF Descriptive Metadata |

Current Status: *Active*

Publication Date: 2015-11-18T07:00:00.000Z

| EG 432-1:2010 | SMPTE [21DC] | Engineering Guideline | [DCinema] [Digital Source] [Processing] [Image] | [Active] [Reaffirmed] | Digital Source Processing - Color Processing for D-Cinema |

Current Status: *Active*

Publication Date: 2010-11-10T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
GitHub: https://github.com/SMPTE/eg432-1/issues

| EG 432-2:2006 | SMPTE [21DC] | Engineering Guideline | [DCinema] [Digital Source] [Processing] [Sound] | [Active] [Reaffirmed] | Digital Source Processing - D-Cinema Low Frequency Effects (LFE) Channel Audio Characteristics |

Current Status: *Active*

Publication Date: 2006-12-29T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
ISO 26432-2:2008 *[Active]*

Bibliographic References:
ST 202:1998(m) *[Superseded]*
RP 200:2002 *[Superseded]*

Media Standards Registry

`ISO 26432-2:2008`	ISO [TC36]	Standard	`[DCinema]`
			`[Digital Source]`
			`[Processing]`
			`[Sound]`
				[Active]
				[Reaffirmed]
					Digital source processing — Part 2: Digital cinema (D-cinema) low frequency effects (LFE) channel audio characteristics
					
					Current Status: *Active*
					
					Publication Date: 2008-07-01T07:00:00.000Z
					Reaffirmed Date: 2017-01-01T07:00:00.000Z
					
					Work Info
					Group: TC36 WG3
					Review Period: Systematic
					Review Date: 2019-10-29T07:00:00.000Z
					Recommendation: Stabilize
					
					Related Documents:
					EG 432-2:2006 *[Active]*

`EIDR Technology`	EIDR	Best Practice		[Active]	**EIDR Best Practices, Technical Documentation, Standards and Interoperability** **Current Status:** *Active*
`ETR 154 Edition 3`	ETSI	Specification		[Superseded] **Superseding Document(s):** ETR 154 V1.4.1 *[Superseded]*	Digital Video Broadcasting (DVB); Implementation guidelines for the use of MPEG-2 Systems, Video and Audio in satellite, cable and terrestrial broadcasting applications **Current Status:** *Superseded* Publication Date: 1997-09-01T07:00:00.000Z
`ETR 154 V1.4.1`	ETSI	Specification		[Superseded]	**Digital Video Broadcasting (DVB); Implementation guidelines for the use of MPEG-2 Systems, Video and Audio in satellite, cable and terrestrial broadcasting applications** **Current Status:** *Superseded* Publication Date: 2000-07-01T07:00:00.000Z
`ETSI TS 101 154 V1.9.1`	EBU/ETSI	Specification		[Superseded]	**Digital Video Broadcasting (DVB); Specification for the use of Video and Audio Coding in Broadcasting Applications based on the MPEG-2 Transport Stream** **Current Status:** *Superseded* Publication Date: 2009-09-01T07:00:00.000Z
`IANA LSR`	IANA	Registry		[Active]	**Language Subtag Registry** **Current Status:** *Active* Publication Date: 2020-06-10T07:00:00.000Z

Media Standards Registry

IANA MT	IANA	Registry	[Active]	**Media Types**

Current Status: *Active*

Publication Date: 2020-07-07T07:00:00.000Z

IANA PN	IANA	Registry	[Active]	**Service Name and Transport Protocol Port Number Registry**

Current Status: *Active*

Publication Date: 2020-07-07T07:00:00.000Z

IANA Sources TZ-DST, 1987	IANA	Registry	[Active]	**Sources for time zone and daylight saving time data**

Current Status: *Active*

ICC.1:2004-10	ICC	Specification	[Superseded]	**Image technology colour management — Architecture, profile format, and data structure**

Superseding Document(s):
ICC.1:2010
[Amended]

Current Status: *Superseded*

Publication Date: 2004-10-01T07:00:00.000Z

ICC.1:2010	ICC	Specification	[Active] [Amended]	**Image technology colour management — Architecture, profile format, and data structure**

Amending Document(s):
ICC.1:2010 Errata
[Active]

Current Status: *Amended*

Publication Date: 2010-12-01T07:00:00.000Z

ICC.1:2010 Errata	ICC	Specification	[Active]	**Cumulative Errata List - Image technology colour management — Architecture, profile format, and data structure**

Current Status: *Active*

Publication Date: 2019-05-29T07:00:00.000Z

IEC 61966-2-1:1999	IEC	Standard	[Active] [Amended]	**Multimedia systems and equipment - Colour measurement and management - Part 2-1: Colour management - Default RGB colour space - sRGB**

Amending Document(s):
IEC 61966-2-1:1999/Amd1:2003
[Active]
IEC 61966-2-1:1999/Cor1:2014
[Active]

Current Status: *Amended*

Publication Date: 1999-10-18T07:00:00.000Z

Media Standards Registry

IEC 61966-2-1:1999/Amd1:2003	IEC	Standard	[Active]	[Amendment 1 - Multimedia systems and equipment - Colour measurement and management - Part 2-1: Colour management - Default RGB colour space - sRGB](#)
				Current Status: *Active*
				Publication Date: 2003-01-23T07:00:00.000Z

IEC 61966-2-1:1999/Cor1:2014	IEC	Standard	[Active]	[Corrigendum 1 - Multimedia systems and equipment - Colour measurement and management - Part 2-1: Colour management - Default RGB colour space - sRGB](#)
				Current Status: *Active*
				Publication Date: 2014-01-24T07:00:00.000Z

IEEE 754:1985	IEEE	Standard	[Superseded] Superseding Document(s): [IEEE 754:2008](#) *[Superseded]*	[Binary Floating-Point Arithmetic](#)
				Current Status: *Superseded*
				Publication Date: 1985-03-21T07:00:00.000Z

IEEE 754:2008	IEEE	Standard	[Superseded] Superseding Document(s): [IEEE 754:2019](#) *[Active]*	[Binary Floating-Point Arithmetic](#)
				Current Status: *Superseded*
				Publication Date: 2008-06-12T07:00:00.000Z

IEEE 754:2019	IEEE	Standard	[Active]	[Binary Floating-Point Arithmetic](#)
				Current Status: *Active*
				Publication Date: 2019-06-13T07:00:00.000Z

IEEE Std 1003.1:2004	IEEE	Standard	[Withdrawn] [Superseded] Superseding Document(s): [IEEE Std 1003.1:2008](#) *[Superseded]*	[Portable Operating System Interface (POSIX(R)) - Base Definitions](#)
				Current Status: *Withdrawn*
				Publication Date: 2004-04-30T07:00:00.000Z

IEEE Std 1003.1:2008	IEEE	Standard	[Superseded] Superseding Document(s): [IEEE Std 9945:2009](#) *[Active]*	[Portable Operating System Interface (POSIX(R)) - Base Definitions](#)
				Current Status: *Superseded*
				Publication Date: 2008-12-01T07:00:00.000Z

Media Standards Registry

IEEE Std 9945:2009	IEEE	Standard	[Active]	[Portable Operating System Interface (POSIX(R)) - Base Definitions](#)

Current Status: *Active*

Publication Date: 2009-09-15T07:00:00.000Z

RFC 1521	IETF	Standard	[Superseded]	[MIME (Multipurpose Internet Mail Extensions) Part One: Mechanisms for Specifying and Describing the Format of Internet Message Bodies](#)

Superseding Document(s):
[RFC 2045](#) *[Active]*
[RFC 2046](#)
[Amended]

[Amended]

Amending Document(s):
[RFC 1590](#)
[Superseded]

Current Status: *Superseded*

Publication Date: 1993-09-01T07:00:00.000Z

RFC 1590	IETF	Informational	[Superseded]	[Media Type Registration Procedure](#)

Superseding Document(s):
[RFC 2045](#) *[Active]*
[RFC 2046](#)
[Amended]

Current Status: *Superseded*

Publication Date: 1994-03-01T07:00:00.000Z

RFC 1738	IETF	Standard	[Superseded]	[Uniform Resource Locators (URL)](#)

Superseding Document(s):
[RFC 2396](#)
[Superseded]

Current Status: *Superseded*

Publication Date: 20xx-xx-xxT07:00:00.000Z

RFC 2045	IETF	Standard	[Active]	[Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies](#)

Current Status: *Active*

Publication Date: 1996-11-01T07:00:00.000Z

RFC 2046	IETF	Standard	[Active]	[Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types](#)

[Amended]

Amending Document(s):
[RFC 2646](#)
[Superseded]
[RFC 3798](#)
[Superseded]
[RFC 5147](#) *[Active]*
[RFC 6657](#) *[Active]*
[RFC 8098](#) *[Active]*

Current Status: *Amended*

Publication Date: 1996-11-01T07:00:00.000Z

Media Standards Registry

RFC 2646	IETF	Standard	[Superseded]	The Text/Plain Format Parameter
			Superseding Document(s): RFC 3676 *[Active]*	**Current Status:** *Superseded* Publication Date: 1999-08-01T07:00:00.000Z

RFC 3676	IETF	Standard	[Active]	The Text/Plain Format and DelSp Parameters
				Current Status: *Active* Publication Date: 2004-02-01T07:00:00.000Z

RFC 3798	IETF	Standard	[Superseded]	Message Disposition Notification
			Superseding Document(s): RFC 8098 *[Active]*	**Current Status:** *Superseded* Publication Date: 2004-05-01T07:00:00.000Z

RFC 5147	IETF	Standard	[Active]	URI Fragment Identifiers for the text/plain Media Type
				Current Status: *Active* Publication Date: 2008-04-01T07:00:00.000Z

RFC 6657	IETF	Standard	[Active]	Update to MIME regarding 'charset' Parameter Handling in Textual Media Types
				Current Status: *Active* Publication Date: 2012-07-01T07:00:00.000Z

RFC 8098	IETF	Standard	[Active]	Message Disposition Notification
				Current Status: *Active* Publication Date: 2017-02-01T07:00:00.000Z

IETF 2104	IETF	Informational	[Active] [Amended]	HMAC: Keyed-Hashing for Message Authentication
			Amending Document(s): IETF 6151 *[Active]*	**Current Status:** *Amended* Publication Date: 1997-02-01T07:00:00.000Z

RFC 2141	IETF	Standard	[Superseded]	URN Syntax
			Superseding Document(s): RFC 8141 *[Active]*	**Current Status:** *Superseded* Publication Date: 1997-05-01T07:00:00.000Z

Media Standards Registry

RFC 2234	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 4234 *[Superseded]*	[Augmented BNF for Syntax Specifications: ABNF](#) **Current Status:** *Superseded* Publication Date: 1997-11-01T07:00:00.000Z	
RFC 2246	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 4346 *[Superseded]*	[The TLS Protocol Version 1.0](#) **Current Status:** *Superseded* Publication Date: 1999-01-01T07:00:00.000Z	
RFC 2253	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 4510 *[Active]* RFC 4514 *[Active]*	[Lightweight Directory Access Protocol (v3): UTF-8 String Representation of Distinguished Names](#) **Current Status:** *Superseded* Publication Date: 1997-12-01T07:00:00.000Z	
RFC 2396	IETF	Draft Standard	**[Superseded]** **Superseding Document(s):** RFC 3986 *[Amended]*	[Uniform Resource Identifiers (URI): Generic Syntax](#) **Current Status:** *Superseded*	
RFC 2396	IETF	Internet Standard	**[Active]**	[Uniform Resource Identifiers (URI): Generic Syntax](#) **Current Status:** *Active* Publication Date: 2005-01-01T07:00:00.000Z	
RFC 2401	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 4301 *[Amended]*	[Security Architecture for the Internet Protocol](#) **Current Status:** *Superseded* Publication Date: 1998-11-01T07:00:00.000Z	
RFC 2437	IETF	Informational	**[Superseded]** **Superseding Document(s):** RFC 3447 *[Superseded]*	[PKCS #1: RSA Cryptography Specifications Version 2.0](#) **Current Status:** *Superseded* Publication Date: 1998-10-01T07:00:00.000Z	
RFC 2459	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 3280 *[Superseded]*	[Internet X.509 Public Key Infrastructure Certificate and CRL Profile](#) **Current Status:** *Superseded* Publication Date: 1999-01-01T07:00:00.000Z	

RFC 2616	IETF	Standard	**[Superseded]**	[Hypertext Transfer Protocol -- HTTP/1.1](#)

Superseding Document(s):
[RFC 7230](#)
[Amended]
[RFC 7231](#) *[Active]*
[RFC 7232](#) *[Active]*
[RFC 7233](#) *[Active]*
[RFC 7234](#) *[Active]*
[RFC 7235](#) *[Active]*

Current Status: *Superseded*

Publication Date: 1999-06-01T07:00:00.000Z

RFC 2617	IETF	Standard	**[Superseded]**	[HTTP Authentication: Basic and Digest Access Authentication](#)

Superseding Document(s):
[RFC 7235](#) *[Active]*
[RFC 7615](#) *[Active]*
[RFC 7616](#) *[Active]*
[RFC 7617](#) *[Active]*

Current Status: *Superseded*

Publication Date: 1999-06-0107:00:00.000Z

RFC 2693	IETF	Experimental	[Active]	[SPKI Certificate Theory](#)

Current Status: *Active*

Publication Date: 1999-09-01T07:00:00.000Z

RFC 2818	IETF	Informational	[Active] [Amended]	[HTTP Over TLS](#)

Amending Document(s):
[RFC 5785](#)
[Superseded]
[RFC 7230](#)
[Amended]

Current Status: *Amended*

Publication Date: 2000-05-01T07:00:00.000Z

RFC 5785	IETF	Standard	**[Superseded]**	[Defining Well-Known Uniform Resource Identifiers (URIs)](#)

Superseding Document(s):
[RFC 8615](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2010-04-01T07:00:00.000Z

IETF 2898	IETF	Specification	[Active]	[PKCS #5: Password-Based Cryptography Specification Version 2.0](#)

Current Status: *Active*

Publication Date: 2000-09-01T07:00:00.000Z

RFC 3066	IETF	Best Practice	**[Superseded]**	[Tags for the Identification of Languages](#)

Superseding Document(s):
[RFC 4646](#)
[Superseded]
[RFC 4647](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2001-01-01T07:00:00.000Z

RFC 3174	IETF	Informational	[Active] [Amended] **Amending Document(s):** RFC 4634 *[Superseded]* RFC 6234 *[Active]*	**US Secure Hash Algorithm 1 (SHA1)** **Current Status:** *Amended* Publication Date: 2001-09-01T07:00:00.000Z
RFC 3268	IETF	Standard	[Superseded] **Superseding Document(s):** RFC 5246 *[Superseded]*	**Advanced Encryption Standard (AES) Ciphersuites for Transport Layer Security (TLS)** **Current Status:** *Superseded* Publication Date: 2002-06-01T07:00:00.000Z
RFC 3275	IETF	Standard	[Active]	**(Extensible Markup Language) XML-Signature Syntax and Processing** **Current Status:** *Active* Publication Date: 2002-03-01T07:00:00.000Z
RFC 3280	IETF	Standard	[Superseded] **Superseding Document(s):** RFC 5280 *[Amended]*	**Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile** **Current Status:** *Superseded* Publication Date: 2002-04-01T07:00:00.000Z
RFC 3339	IETF	Standard	[Active]	**Date and Time on the Internet: Timestamps** **Current Status:** *Active* Publication Date: 2002-07-01T07:00:00.000Z
RFC 3447	IETF	Informational	[Superseded] **Superseding Document(s):** RFC 8017 *[Active]*	**Public-Key Cryptography Standards (PKCS) #1: RSA Cryptography Specifications Version 2.1** **Current Status:** *Superseded* Publication Date: 2013-02-01T07:00:00.000Z
RFC 3629	IETF	Standard	[Active]	**UTF-8, a transformation format of ISO 10646** **Current Status:** *Active* Publication Date: 2003-11-01T07:00:00.000Z

Media Standards Registry

RFC 3986	IETF	Standard	[Active] [Amended] **Amending Document(s):** RFC 6874 *[Active]* RFC 7320 *[Active]*	**Uniform Resource Identifier (URI): Generic Syntax** **Current Status:** *Amended* Publication Date: 2005-01-01T08:00:00.000Z
RFC 4051	IETF	Standard	[Superseded] **Superseding Document(s):** RFC 6931 *[Active]*	**Additional XML Security Uniform Resource Identifiers (URIs)** **Current Status:** *Superseded* Publication Date: 2005-04-01T07:00:00.000Z
RFC 4055	IETF	Standard	[Active] [Amended] **Amending Document(s):** RFC 5756 *[Active]*	**Additional Algorithms and Identifiers for RSA Cryptography for use in the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile** **Current Status:** *Amended* Publication Date: 2005-06-01T07:00:00.000Z
RFC 4122	IETF	Standard	[Active]	**A Universally Unique IDentifier (UUID) URN Namespace** **Current Status:** *Active* Publication Date: 2005-07-01T07:00:00.000Z
RFC 4234	IETF	Standard	[Superseded] **Superseding Document(s):** RFC 5234 (2008, January) *[Amended]*	**Augmented BNF for Syntax Specifications: ABNF** **Current Status:** *Superseded* Publication Date: 2005-10-0107:00:00.000Z
RFC 4246	IETF	Informational	[Active]	**International Standard Audiovisual Number (ISAN) URN Definition** **Current Status:** *Active* Publication Date: 2006-02-01T07:00:00.000Z
RFC 4288	IETF	Best Practice	[Superseded] **Superseding Document(s):** RFC 6838 *[Active]*	**Media Type Specifications and Registration Procedures** **Current Status:** *Superseded* Publication Date: 2005-12-01T08:00:00.000Z

Media Standards Registry

RFC 4301	IETF	Standard	**[Active]** [Amended] **Amending Document(s):** RFC 6040 *[Active]* RFC 7619 *[Active]*	[Security Architecture for the Internet Protocol](#) **Current Status: *Amended*** Publication Date: 2005-12-01T07:00:00.000Z
RFC 4346	IETF	Standard	**[Superseded]** **Superseding Document(s):** RFC 5246 *[Superseded]*	[The Transport Layer Security (TLS) Protocol Version 1.1](#) **Current Status: *Superseded*** Publication Date: 2006-04-01T07:00:00.000Z
RFC 4510	IETF	Standard	**[Active]**	[Lightweight Directory Access Protocol (LDAP): Technical Specification Road Map](#) **Current Status: *Active*** Publication Date: 2006-06-01T07:00:00.000Z
RFC 4514	IETF	Standard	**[Active]**	[Lightweight Directory Access Protocol (LDAP): String Representation of Distinguished Names](#) **Current Status: *Active*** Publication Date: 2006-06-01T07:00:00.000Z
RFC 4539	IETF	Informational	**[Active]**	[Media Type Registration for the Society of Motion Picture and Television Engineers (SMPTE) Material Exchange Format (MXF)](#) **Current Status: *Active*** Publication Date: 2006-05-01T07:00:00.000Z
RFC 4634	IETF	Informational	**[Superseded]** **Superseding Document(s):** RFC 6234 *[Active]*	[US Secure Hash Algorithms (SHA and HMAC-SHA)](#) **Current Status: *Superseded*** Publication Date: 2007-06-01T07:00:00.000Z
RFC 4646	IETF	Best Practice	**[Superseded]** **Superseding Document(s):** RFC 5646 *[Active]*	[Tags for Identifying Languages](#) **Current Status: *Superseded*** Publication Date: 2006-12-01T07:00:00.000Z
RFC 4647	IETF	Best Practice	**[Active]**	[Matching of Language Tags](#) **Current Status: *Active*** Publication Date: 2006-09-01T07:00:00.000Z

Media Standards Registry

RFC 5234 (2008, January)	IETF	Standard	**[Active]** **[Amended]** Amending Document(s): RFC 7405 *[Active]*	[Augmented BNF for Syntax Specifications: ABNF](#) **Current Status:** *Amended* Publication Date: 2008-01-01T07:00:00.000Z
RFC 5246	IETF	Standard	**[Superseded]** Superseding Document(s): RFC 8446 *[Active]*	[The Transport Layer Security (TLS) Protocol Version 1.2](#) **Current Status:** *Superseded* Publication Date: 2008-08-01T07:00:00.000Z
RFC 5280	IETF	Standard	**[Active]** **[Amended]** Amending Document(s): RFC 6818 *[Active]* RFC 8398 *[Active]* RFC 8399 *[Active]*	[Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile](#) **Current Status:** *Amended* Publication Date: 2008-05-01T07:00:00.000Z
RFC 5322	IETF	Standard	**[Active]** **[Amended]** Amending Document(s): RFC 6854 *[Active]*	[Internet Message Format](#) **Current Status:** *Amended* Publication Date: 2008-10-01T07:00:00.000Z
RFC 5646	IETF	Best Practice	**[Active]**	[Tags for Identifying Languages](#) **Current Status:** *Active* Publication Date: 2009-09-01T07:00:00.000Z
RFC 5756	IETF	Standard	**[Active]**	[Updates for RSAES-OAEP and RSASSA-PSS Algorithm Parameters](#) **Current Status:** *Active* Publication Date: 2010-01-01T07:00:00.000Z
RFC 6040	IETF	Standard	**[Active]**	[Tunnelling of Explicit Congestion Notification](#) **Current Status:** *Active* Publication Date: 2010-11-01T07:00:00.000Z
IETF 6151	IETF	Informational	**[Active]**	[Updated Security Considerations for the MD5 Message-Digest and the HMAC-MD5 Algorithms](#) **Current Status:** *Active* Publication Date: 2011-03-01T07:00:00.000Z

Media Standards Registry

RFC	Body	Type	Status	Title
RFC 6234	IETF	Informational	[Active]	US Secure Hash Algorithms (SHA and SHA-based HMAC and HKDF)

Current Status: *Active*

Publication Date: 2011-05-01T07:00:00.000Z

| RFC 6597 | IETF | Standard | [Active] | RTP Payload Format for Society of Motion Picture and Television Engineers (SMPTE) ST 336 Encoded Data |

Current Status: *Active*

Publication Date: 2012-04-01T07:00:00.000Z

| RFC 6818 | IETF | Standard | [Active] | Updates to the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile |

Current Status: *Active*

Publication Date: 2013-01-01T07:00:00.000Z

| RFC 6838 | IETF | Best Practice | [Active] | Media Type Specifications and Registration Procedures |

Current Status: *Active*

Publication Date: 2013-01-01T08:00:00.000Z

| RFC 6854 | IETF | Standard | [Active] | Update to Internet Message Format to Allow Group Syntax in the 'From:' and 'Sender:' Header Fields |

Current Status: *Active*

Publication Date: 2013-03-01T07:00:00.000Z

| RFC 6874 | IETF | Standard | [Active] | Representing IPv6 Zone Identifiers in Address Literals and Uniform Resource Identifiers |

Current Status: *Active*

Publication Date: 2013-02-01T08:00:00.000Z

| RFC 6931 | IETF | Standard | [Active] | Additional XML Security Uniform Resource Identifiers (URIs) |

Current Status: *Active*

Publication Date: 2013-04-01T07:00:00.000Z

Media Standards Registry

RFC 7230	IETF	Standard	**[Active]** **[Amended]** **Amending Document(s):** [RFC 8615](#) *[Active]*	[Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing](#) **Current Status:** *Amended* Publication Date: 2014-06-01T07:00:00.000Z
RFC 7231	IETF	Standard	**[Active]**	[Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content](#) **Current Status:** *Active* Publication Date: 2014-06-01T07:00:00.000Z
RFC 7232	IETF	Standard	**[Active]**	[Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests](#) **Current Status:** *Active* Publication Date: 2014-06-01T07:00:00.000Z
RFC 7233	IETF	Standard	**[Active]**	[Hypertext Transfer Protocol (HTTP/1.1): Range Requests](#) **Current Status:** *Active* Publication Date: 2014-06T07:00:00.000Z
RFC 7234	IETF	Standard	**[Active]**	[Hypertext Transfer Protocol (HTTP/1.1): Caching](#) **Current Status:** *Active* Publication Date: 2014-06-01T07:00:00.000Z
RFC 7235	IETF	Standard	**[Active]**	[Hypertext Transfer Protocol (HTTP/1.1): Authentication](#) **Current Status:** *Active* Publication Date: 2014-06-01T07:00:00.000Z
RFC 7972	IETF	Informational	**[Active]**	[Entertainment Identifier Registry (EIDR) URN Namespace Definition](#) **Current Status:** *Active* Publication Date: 2016-09-01T07:00:00.000Z

RFC 7302	IETF	Informational	**[Superseded]** **Superseding Document(s):** RFC 7972 *[Active]*	**Entertainment Identifier Registry (EIDR) URN Namespace Definition** **Current Status:** *Superseded* Publication Date: 2014-07-01T07:00:00.000Z
RFC 7320	IETF	Best Practice	**[Active]**	**URI Design and Ownership** **Current Status:** *Active* Publication Date: 2014-07-01T08:00:00.000Z
RFC 7405	IETF	Standard	**[Active]**	**Case-Sensitive String Support in ABNF** **Current Status:** *Active* Publication Date: 2014-12-01T07:00:00.000Z
RFC 7615	IETF	Standard	**[Active]**	**HTTP Authentication-Info and Proxy-Authentication-Info Response Header Fields** **Current Status:** *Active* Publication Date: 2015-09-01T07:00:00.000Z
RFC 7616	IETF	Standard	**[Active]**	**HTTP Digest Access Authentication** **Current Status:** *Active* Publication Date: 2015-09-01T07:00:00.000Z
RFC 7617	IETF	Standard	**[Active]**	**The 'Basic' HTTP Authentication Scheme** **Current Status:** *Active* Publication Date: 2015-09-01T07:00:00.000Z
RFC 7619	IETF	Standard	**[Active]**	**The NULL Authentication Method in the Internet Key Exchange Protocol Version 2 (IKEv2)** **Current Status:** *Active* Publication Date: 2015-08-01T07:00:00.000Z
RFC 8017	IETF	Informational	**[Active]**	**PKCS #1: RSA Cryptography Specifications Version 2.2** **Current Status:** *Active* Publication Date: 2016-11-01T07:00:00.000Z

Media Standards Registry

RFC 8141	IETF	Standard	[Active]	Uniform Resource Names (URNs)	

Current Status: *Active*

Publication Date: 2017-04-01T07:00:00.000Z

| RFC 8398 | IETF | Standard | [Active] | Internationalized Email Addresses in X.509 Certificates |

Current Status: *Active*

Publication Date: 2018-05-01T07:00:00.000Z

| RFC 8399 | IETF | Standard | [Active] | Internationalization Updates to RFC 5280 |

Current Status: *Active*

Publication Date: 2018-05-01T07:00:00.000Z

| RFC 8615 | IETF | Standard | [Active] | Well-Known Uniform Resource Identifiers (URIs) |

Current Status: *Active*

Publication Date: 2019-05-01T07:00:00.000Z

| RFC 8446 | IETF | Standard | [Active] | The Transport Layer Security (TLS) Protocol Version 1.3 |

Current Status: *Active*

Publication Date: 2018-08-01T07:00:00.000Z

| IMFUG DS | IMFUG | Best Practice | [Active] | IMF Delivery Schema 1.0.0 |

Current Status: *Active*

Publication Date: 2020-02-24T08:00:00.000Z
GitHub:
https://github.com/imfug/delivery-schema/issues

| IMFUG TC IMF | IMFUG | Best Practice | [Active] | Timecode in IMF |

Current Status: *Active*

Publication Date: 2020-04-22T08:00:00.000Z
GitHub:
https://github.com/imfug/delivery-schema/issues

| ISBN 0201615983 | Addison-Wesley | Book | | [Active] | SSL and TLS: Designing and Building Secure Systems |

Current Status: *Active*

Publication Date: 2000-10-00T07:00:00.000Z

| ISDCF Doc 02 | ISDCF | Informational | [DCinema] [Interop] | [Active] | SMPTE-DCP compared to Interop-DCP Informational only |

Current Status: *Active*

Details: *The Digital Cinema industry is moving from Interop-DCP to SMPTE-DCP, hopefully starting in April 2012. Posted here is the comparison between these two delivery packages.*

Publication Date: 2011-11-02T07:00:00.000Z

| ISDCF Doc 03 | ISDCF | Technical Doc | [DCinema] [Distribution] [Packaging] [Interop] | [Active] | Hard Disc Drive formats |

Current Status: *Active*

Details: *Distribution Device File System Recommendations*

Publication Date: 2017-06-29T07:00:00.000Z

ISDCF Doc 04	ISDCF	Technical Doc	[DCinema] [Audio] [Distribution] [Packaging] [Interop]	[Active]

Audio Channel Assignments

Current Status: *Active*

Details: *16-Channel Audio Packaging Guide for both Interop-DCP and SMPTE-DCP. Interop DCP does not have a standardized way of sending multichannel packages. The attached documents describe a common way of transporting multi-channel and the labeling to be consistent with SMPTE-DCP packages. Note: (As of 2020-08-18) The information contained within this document has been incorporated in whole into SMPTE RDD52. This document remains here for historical purposes and as the original base information contained with RDD52. If ISDCF decides that any changes must occur within this document, a new revision will be posted, and said changes will be submitted to SMPTE for an updated revision of RDD52, to keep the documents' information in sync. If for some reason, there may be future revisions to either SMPTE RDD52 or subsequent documents where this document becomes obsolete, and at that time this document will be marked as "superseded".*

Publication Date: 2017-06-29T07:00:00.000Z

Related Documents:
RDD 52:2020 *[Active]*

ISDCF Doc 05	ISDCF	Technical Doc	[DCinema] [KDM]	[Active]

Guideline formulations for SMPTE-KDMs

Current Status: *Active*

Details: *Actual DCI-compliant systems are now starting to appear in the field. Some KDM providers have been sending KDMs containing ContentAuthenticator to be used with Interop content. This will not work on a DCI-compliant system. This document describes formulations for successful KDMs.*

Publication Date: 2017-06-29T07:00:00.000Z

ISDCF Doc 04	ISDCF	Technical Doc	[DCinema] [Audio] [Distribution] [Packaging] [Interop]	[Active]

Audio Channel Assignments

| ISDCF Doc 06 | ISDCF | Informational | | [Withdrawn]
[Superseded]

Superseding Document(s):
ST 429-16:2014
[Active] | Composition Metadata Guidelines

Current Status: *Withdrawn*

Details: *This document was pushed over to SMPTE, see SMPTE ST429-16*

Related Documents:
ST 429-16:2014 *[Active]* |

| ISDCF Doc 07 | ISDCF | Technical Doc | [DCinema]
[XML] | [Active] | Language Codes

Current Status: *Active*

Publication Date: 2017-10-19T07:00:00.000Z |

| ISDCF Doc 08 | ISDCF | Informational | | [Withdrawn] | Theater Key Retrieval

Current Status: *Withdrawn*

Details: *Tired of using Email to send KDMs to theaters? Here is a very rough proposal for a TKR that uses open standards to deliver Keys. This is a WORKING DRAFT.*

Publication Date: 2012-02-27T08:00:00.000Z |

| ISDCF Doc 09 | ISDCF | Informational | [DCinema]
[Captions]
[Accessibility] | [Active] | Closed Caption Authoring Best Practices

Current Status: *Active*

Details: *Closed caption devices have some strange and unusual behavior – from limited number of display characters to limited number of lines to unique fonts. Captured here are some suggestions to maximize the quality of closed captions.*

Publication Date: 2016-02-11T08:00:00.000Z |

| ISDCF Doc 10 | ISDCF | Informational | [DCinema]
[Subtitles]
[Captions]
[Accessibility] | [Active] | Subtitles and Captions in Digital Cinema

Current Status: *Active*

Details: *Subtitles and Captions in Digital Cinema. Digital cinema provides for subtitles and captions, both on the main screen and off. This paper provides a brief description of these capabilities.*

Publication Date: 2016-02-11T08:00:00.000Z |

Media Standards Registry

ISDCF RP for 430-10	ISDCF	Informational	[DCinema] [Captions] [Accessibility]	[Active]

SMPTE ST 430-10 Implementation Notes

Current Status: *Active*

Details: *Harold Hallikainen created a document for recommended practices for SMPTE ST430-10. For convenience is it provided here. This is not an official ISDCF document, but may help authoring services in understanding how to prepare content.*

Publication Date: 2018-03-08T08:00:00.000Z

ISDCF Doc 11	ISDCF	Informational	[DCinema] [Audio] [Measurement] [Cinema Sound]	[Active]

How Loud is a Movie? – a New Measurement Procedure

Current Status: *Active*

Details: *Leq(m10)2.0 A procedure is introduced to measure the subjective loudness of an entire movie and to develop a suitable metric. Leq(m) has been used for over 15 years to measure and then control the level of trailers and commercials, both in the US and overseas. The method to be described takes a ten-minute rolling average of Leq(m) throughout an entire movie, and then integrates the values above a given threshold. The procedure is not intended to constrain the levels of movies, simply to come up with a metric to describe the subjective loudness. A suggested descriptive is Leq(m10). Reposted Accepted for publication and copyright SMPTE – reproduced by permission. Ioan Allen Author.*

Publication Date: 2016-03-15T07:00:00.000Z

ISDCF Doc 12	ISDCF	Technical Doc	[DCinema] [Operations]	[Draft]

Ingest Behavior (a document under development)

Current Status: *Draft*

Details: *DRAFT - NOT YET APPROVED*

Publication Date: 2017-03-22T07:00:00.000Z

| ISDCF Doc 13 | ISDCF | Technical Doc | [DCinema]
[Sign Language]
[Accessibility] | [Active] | Sign Language Video Encoding for Digital Cinema |

Current Status: *Active*

Details: *To submit comments and corrections, go to GH. Note: (As of 2020-08-18) The information contained within this document has been incorporated in whole into SMPTE RDD52. This document remains here for historical purposes and as the original base information contained with RDD52. If ISDCF decides that any changes must occur within this document, a new revision will be posted, and said changes will be submitted to SMPTE for an updated revision of RDD52, to keep the documents' information in sync. If for some reason, there may be future revisions to either SMPTE RDD52 or subsequent documents where this document becomes obsolete, and at that time this document will be marked as "superseded".*

Publication Date: 2018-07-18T07:00:00.000Z
GitHub:
https://github.com/ISDCF/Sign-Language-Video-Encoding

Related Documents:
RDD 52:2020 *[Active]*

| ISDCF Doc 14 | ISDCF | Technical Doc | [DCinema]
[Distribution] | [Active] | Digital Delivery of DCPs – Informational |

Current Status: *Active*

Details: *This is an informational document on the safe transfer and delivery of DCPs between facilities. Due to the security built into the DCP structure the basic transfer can be based on cost and efficiency.*

Publication Date: 2019-01-03T08:00:00.000Z

| ISDCF Doc 15 | ISDCF | Technical Doc | [DCinema]
[DCP Application]
[Packaging]
[Immersive Audio]
[Sound] | [Active] | SMPTE ST 2098-2 Immersive Audio Bitstream Constraints – IAB Application Profile 1 |

Current Status: *Active*

Publication Date: 2020-06-12T07:00:00.000Z

ISDCF HighFrameRate DCP	ISDCF	Informational	[Withdrawn]	P-HFR -- Prototype DCP for High Frame Rate Projection

Current Status: *Withdrawn*

Details: *A high frame rate movie was distributed in SMPTE-DCP at the end of 2012. To facilitate the interoperability of the release, here is a very drafty specifications for 48 FPS per eye distribution.*

Publication Date: 2012-06-20T07:00:00.000Z

ISO/CIE 10527:1991	ISO/CIE	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 10527:2007 *[Withdrawn]*	CIE standard colorimetric observers

Current Status: *Withdrawn*

Publication Date: 1991-12-01T07:00:00.000Z

ISO/CIE 11664-1:2019	ISO/CIE	Standard	[Active]	Colorimetry — Part 1: CIE standard colorimetric observers

Current Status: *Active*

Publication Date: 2019-06-01T07:00:00.000Z

ISO 10646-1:2000	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 10646:2003 *[Withdrawn]*	Information technology — Universal Multiple-Octet Coded Character Set (UCS) — Part 1: Architecture and Basic Multilingual Plane

Current Status: *Withdrawn*

Publication Date: 2000-09-01T07:00:00.000Z

ISO 10646:2003	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 10646:2011 *[Withdrawn]*	Information technology — Universal Multiple-Octet Coded Character Set (UCS)

Current Status: *Withdrawn*

Publication Date: 2003-12-01T07:00:00.000Z

ISO 10646:2011	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 10646:2012 *[Withdrawn]*	Information technology — Universal Coded Character Set (UCS)

Current Status: *Withdrawn*

Publication Date: 2011-03-01T07:00:00.000Z

ISO 10646:2012	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 10646:2014 *[Withdrawn]*	Information technology — Universal Coded Character Set (UCS)

Current Status: *Withdrawn*

Publication Date: 2012-06-01T07:00:00.000Z

Media Standards Registry

`ISO 10646:2014`	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseding Document(s):** ISO 10646:2017 *[Amended]*	Information technology — Universal Coded Character Set (UCS) **Current Status:** *Withdrawn* Publication Date: 2014-09-01T07:00:00.000Z
`ISO 10646:2017`	ISO/IEC	Standard	[Active] [Amended] **Amending Document(s):** ISO 10646:2017/AMD 1:2019 *[Active]* ISO 10646:2017/AMD 2:2019 *[Active]*	Information technology — Universal Coded Character Set (UCS) **Current Status:** *Amended* Publication Date: 2017-12-01T07:00:00.000Z
`ISO 10646:2017/AMD 1:2019`	ISO/IEC	Standard	[Active]	Information technology — Universal Coded Character Set (UCS) — Amendment 1: Dogra, Gunjala Gondi, Makasar, Medefaidrin, Indic Siyaq Numbers and other characters **Current Status:** *Active* Publication Date: 2019-01-01T07:00:00.000Z
`ISO 10646:2017/AMD 2:2019`	ISO/IEC	Standard	[Active]	Information technology — Universal Coded Character Set (UCS) — Amendment 2: Nandinagari, Georgian extension, and other characters **Current Status:** *Active* Publication Date: 2019-06-01T07:00:00.000Z
`ISO 11578-1:1998`	ISO/IEC	Standard	[Active]	Information technology — Open Systems Interconnection — Remote Procedure Call (RPC) **Current Status:** *Active* Publication Date: 1996-12-01T07:00:00.000Z
`ISO 13818-2:2000`	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseding Document(s):** ISO 13818-2:2013 *[Active]*	Information technology — Generic coding of moving pictures and associated audio information: Video — Part 2 **Current Status:** *Withdrawn* Publication Date: 2012-01-01T07:00:00.000Z
`ISO 13818-2:2013`	ISO/IEC	Standard	[Active]	Information technology — Generic coding of moving pictures and associated audio information — Part 2: Video **Current Status:** *Active* Publication Date: 2013-10-01T07:00:00.000Z

Media Standards Registry

ISO 14496-10:2005	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseding Document(s):** ISO 14496-10:2014 *[Amended]*	Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding **Current Status:** *Withdrawn* Publication Date: 2005-12-01T07:00:00.000Z
ISO 14496-10:2014	ISO/IEC	Standard	[Active] [Amended] **Amending Document(s):** ISO 14496-10:2014/AMD 1:2015 *[Active]* ISO 14496-10:2014/AMD 3:2016 *[Active]*	Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding **Current Status:** *Amended* Publication Date: 2014-09-01T07:00:00.000Z
ISO 14496-10:2014/AMD 1:2015	ISO/IEC	Standard	[Active]	Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding — Amendment 1: Multi-Resolution frame compatible stereoscopic video with depth maps, additional supplemental enhancement information and video usability information **Current Status:** *Active* Publication Date: 2015-11-01T07:00:00.000Z
ISO 14496-10:2014/AMD 3:2016	ISO/IEC	Standard	[Active]	Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding — Amendment 3: Additional supplemental enhancement information **Current Status:** *Active* Publication Date: 2016-12-01T07:00:00.000Z
ISO 14496-22:2019	ISO/IEC	Standard	[Active]	Information technology — Coding of audio-visual objects — Part 22: Open Font Format **Current Status:** *Active* Publication Date: 2019-01-01T07:00:00.000Z
ISO 14496-22:2009	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseding Document(s):** ISO 14496-22:2019 *[Active]*	Information technology — Coding of audio-visual objects — Part 22: Open Font Format **Current Status:** *Withdrawn* Publication Date: 2009-08-01T07:00:00.000Z

ISO 15444-1:2004(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]* [Amended] **Amending Document(s):** ISO 15444-1:2004 Amd 1:2006(en) *[Superseded]* ISO 15444-1:2004 Cor 1:2007(en) *[Superseded]* ISO 15444-1:2004 Cor 2:2008(en) *[Superseded]* ISO 15444-1:2004 Amd 2:2009(en) *[Superseded]* ISO 15444-1:2004 Amd 4:2013(en) *[Superseded]* ISO 15444-1:2004 Amd 8:2015(en) *[Superseded]*	Information technology — JPEG 2000 image coding system: Core coding system **Current Status: *Superseded*** **Details:** *Amended, Superseded* Publication Date: 2004-09-15T07:00:00.000Z
ISO 15444-1:2004 Amd 1:2006(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	Information technology — JPEG 2000 image coding system: Core coding system AMENDMENT 1: Profiles for digital cinema applications **Current Status: *Superseded*** Publication Date: 2006-01-01T08:00:00.000Z
ISO 15444-1:2004 Amd 2:2009(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	Information technology — JPEG 2000 image coding system: Core coding system AMENDMENT 2: Extended profiles for cinema and video production and archival applications **Current Status: *Superseded*** Publication Date: 2009-12-15T08:00:00.000Z
ISO 15444-1:2004 Amd 4:2013(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	Information technology — JPEG 2000 image coding system: Core coding system AMENDMENT 4: Guidelines for digital cinema applications **Current Status: *Superseded*** Publication Date: 2013-04-15T07:00:00.000Z

Media Standards Registry

ISO 15444-1:2004 Amd 8:2015(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	**[Superseded]** **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	[Information technology — JPEG 2000 image coding system — Part 1: Core coding system AMENDMENT 8: Profiles for an interoperable master format IMF](#) **Current Status:** *Superseded* Publication Date: 2015-02-15T08:00:00.000Z
ISO 15444-1:2004 Cor 1:2007(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	**[Superseded]** **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	[Information technology — JPEG 2000 image coding system: Core coding system TECHNICAL CORRIGENDUM 1](#) **Current Status:** *Superseded* Publication Date: 2007-07-15T07:00:00.000Z
ISO 15444-1:2004 Cor 2:2008(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	**[Superseded]** **Superseding Document(s):** ISO 15444-1:2016(en) *[Superseded]*	[Information technology — JPEG 2000 image coding system: Core coding system TECHNICAL CORRIGENDUM 2: Clarification on determination of maximum file size](#) **Current Status:** *Superseded* Publication Date: 2008-04-15T07:00:00.000Z
ISO 15444-1:2016(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	**[Superseded]** **Superseding Document(s):** ISO 15444-1:2019(en) *[Active]*	[Information technology — JPEG 2000 image coding system: Core coding system](#) **Current Status:** *Superseded* Publication Date: 2016-10-15T07:00:00.000Z
ISO 15444-1:2019(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Active]	[Information technology — JPEG 2000 image coding system —Part 1: Core coding system](#) **Current Status:** *Active* Publication Date: 2019-10-01T07:00:00.000Z
ISO 15948:2004	ISO/IEC	Standard		[Active]	[Information technology — Computer graphics and image processing — Portable Network Graphics (PNG): Functional specification](#) **Current Status:** *Active* Publication Date: 2004-03-01T07:00:00.000Z
ISO 646:1991	ISO/IEC	Standard		[Active]	[Information technology — ISO 7-bit coded character set for information interchange](#) **Current Status:** *Active* Publication Date: 1991-12-01T07:00:00.000Z

Media Standards Registry

ISO 8824-1:2002 (ITU-T X.680)	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 8824-1:2008 *[Withdrawn]*	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1 **Current Status: *Withdrawn*** Publication Date: 2002-12-01T07:00:00.000Z
ISO 8824-1:2008	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 8824-1:2015 *[Amended]*	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: **Current Status: *Withdrawn*** Publication Date: 2012-08-01T07:00:00.000Z
ISO 8824-1:2015	ISO/IEC	Standard	[Active] [Amended] **Amending Document(s):** ISO 8824-1:2015/AMD 1:2019 *[Active]* ISO 8824-1:2015/COR 1:2017 *[Active]* ISO 8824-1:2015/COR 2:2018 *[Active]* ISO 8824-1:2015/COR 3:2018 *[Active]*	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1 **Current Status: *Amended*** Publication Date: 2015-11-01T07:00:00.000Z
ISO 8824-1:2015/AMD 1:2019	ISO/IEC	Standard	[Active]	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Amendment 1: Relaxing imports clause to allow importation of definitions from new versions of a given module **Current Status: *Active*** Publication Date: 2019-03-01T07:00:00.000Z
ISO 8824-1:2015/COR 1:2017	ISO/IEC	Standard	[Active]	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Technical Corrigendum 1 **Current Status: *Active*** Publication Date: 2017-09-01T07:00:00.000Z

Media Standards Registry

`ISO 8824-1:2015/COR 2:2018`	ISO/IEC	Standard	[Active]	[Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Technical Corrigendum 2](#)

Current Status: *Active*

Publication Date: 2018-09-01T07:00:00.000Z

`ISO 8824-1:2015/COR 3:2018`	ISO/IEC	Standard	[Active]	[Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Technical Corrigendum 3](#)

Current Status: *Active*

Publication Date: 2018-10-01T07:00:00.000Z

`ISO 8825-1:1998`	ISO/IEC	Standard	[Withdrawn] [Superseded]	[Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) — Part 1](#)

Superseding Document(s):
[ISO 8825-1:2002](#)
[Withdrawn]

Current Status: *Withdrawn*

Publication Date: 1998-12-01T07:00:00.000Z

`ISO 8825-1:2015`	ISO/IEC	Standard	[Active]	[Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) — Part 1](#)

Current Status: *Active*

Publication Date: 2015-11-01T07:00:00.000Z

`ISO 8825-1:2002`	ISO/IEC	Standard	[Withdrawn] [Superseded]	[Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) — Part 1](#)

Superseding Document(s):
[ISO 8825-1:2008](#)
[Withdrawn]

Current Status: *Withdrawn*

Publication Date: 2002-12-01T07:00:00.000Z

`ISO 8825-1:2008`	ISO/IEC	Standard	[Withdrawn] [Superseded]	[Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) — Part 1](#)

Superseding Document(s):
[ISO 8825-1:2015](#)
[Active]

Current Status: *Withdrawn*

Publication Date: 2008-12-01T07:00:00.000Z

ISO 10527:2007	ISO	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 11664-1:2007 *[Withdrawn]* [Amended] **Amending Document(s):** ISO 10527:2007/COR 1:2008 *[Withdrawn]*	[CIE standard colorimetric observers](#) **Current Status:** *Withdrawn* Publication Date: 2007-10-01T07:00:00.000Z
ISO 10527:2007/COR 1:2008	ISO	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 11664-1:2007 *[Withdrawn]*	[CIE standard colorimetric observers — Technical Corrigendum 1](#) **Current Status:** *Withdrawn* Publication Date: 2011-08-01T07:00:00.000Z
ISO 11664-1:2007	ISO	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO/CIE 11664-1:2019 *[Active]*	[Colorimetry — Part 1: CIE standard colorimetric observers](#) **Current Status:** *Withdrawn* Publication Date: 2010-07-01T07:00:00.000Z
ISO 12639:2004/AMD 1:2007	ISO	Standard	[Active]	[Graphic technology — Prepress digital data exchange — Tag image file format for image technology (TIFF/IT) — Amendment 1: Use of JBIG2-Amd2 compression in TIFF/IT](#) **Current Status:** *Active* Publication Date: 2007-03-01T07:00:00.000Z
ISO 12639:2004(E)	ISO	Standard	[Active] [Amended] **Amending Document(s):** ISO 12639:2004/AMD 1:2007 *[Active]*	[Graphic technology — Prepress digital data exchange — Tag image file format for image technology (TIFF/IT)](#) **Current Status:** *Amended* Publication Date: 2004-05-01T07:00:00.000Z
ISO 15076-1:2005	ISO	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** ISO 15076-1:2010 *[Active]*	[Image technology colour management — Architecture, profile format and data structure — Part 1: Based on ICC.1:2004-10](#) **Current Status:** *Withdrawn* Publication Date: 2005-12-01T07:00:00.000Z

Media Standards Registry

`ISO 15076-1:2010`	ISO	Standard	[Active]	[Image technology colour management — Architecture, profile format and data structure — Part 1: Based on ICC.1:2010](#)

Current Status: *Active*

Publication Date: 2010-12-01T07:00:00.000Z

`ISO 15924:2004`	ISO	Standard	[Active]	[Information and documentation — Codes for the representation of names of scripts](#)

Current Status: *Active*

Publication Date: 2004-02-01T07:00:00.000Z

`ISO 3166:1993(E)`	ISO	Standard	[Withdrawn] [Superseded]	[Codes for the representation of names of countries](#)

Superseding Document(s):
[ISO 3166-1:1997](#)
[Withdrawn]

Current Status: *Withdrawn*

Publication Date: 1993-12-01T07:00:00.000Z

`ISO 3166-1:1997`	ISO	Standard	[Withdrawn] [Superseded]	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes](#)

Superseding Document(s):
[ISO 3166-1:2006](#)
[Withdrawn]

Current Status: *Withdrawn*

Publication Date: 1997-09-01T07:00:00.000Z

`ISO 3166-1:2006`	ISO	Standard	[Withdrawn] [Superseded]	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes](#)

Superseding Document(s):
[ISO 3166-1:2013](#)
[Active]

Current Status: *Withdrawn*

Publication Date: 2006-11-01T07:00:00.000Z

`ISO 3166-1:2006/COR 1:2007`	ISO	Standard	[Withdrawn] [Superseded]	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes — Technical Corrigendum 1](#)

Superseding Document(s):
[ISO 3166-1:2013](#)
[Active]

Current Status: *Withdrawn*

Publication Date: 2007-07-01T07:00:00.000Z

`ISO 3166-1:2013`	ISO	Standard	[Active]	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes](#)

Current Status: *Active*

Publication Date: 2013-11-01T07:00:00.000Z

Media Standards Registry

`ISO 639-1:2002`	ISO	Standard	[Active]	[Codes for the representation of names of languages — Part 1: Alpha-2 code](#)

Current Status: *Active*

Publication Date: 2002-07-20T07:00:00.000Z

`ISO 639-2:1998`	ISO	Standard	[Active]	[Codes for the representation of names of languages — Part 2: Alpha-3 code](#)

Current Status: *Active*

Publication Date: 1998-10-01T07:00:00.000Z

`BR.1352-1: (2002)`	ITU-R	Recommendation	[Superseded]	[File format for the exchange of audio programme materials with metadata on information technology media](#)

Current Status: *Superseded*

Details: *Cannot locate supersededBy doc*

Publication Date: 2001-12-01T07:00:00.000Z

`BR.1352-2:2002`	ITU-R	Recommendation	[Superseded]	[File format for the exchange of audio programme materials with metadata on information technology media](#)

Current Status: *Superseded*

Details: *Cannot locate supersededBy doc*

Publication Date: 2002-06-01T07:00:00.000Z

`BS.1196 (1995) Annex 2`	ITU-R	Recommendation	[Superseded]	[Audio coding for digital terrestrial television broadcasting](#)

Current Status: *Superseded*

Details: *Cannot locate supersededBy doc*

Publication Date: 1995-10-01T07:00:00.000Z

`BT.470-6 (11/98)`	ITU-R	Recommendation	[Superseded]	[Conventional television systems](#)

Current Status: *Superseded*

Details: *Cannot locate supersededBy doc*

Publication Date: 1998-11-01T07:00:00.000Z

Media Standards Registry

BT.601.5 (10/95)	ITU-R	Recommendation	[Superseded]	[Studio encoding parameters of digital television for standard 4:3 and wide screen 16:9 aspect ratios](#)

Current Status: *Superseded*

Details: *Cannot locate supersededBy doc*

Publication Date: 1995-10-01T07:00:00.000Z

BT.656 (02/98)	ITU-R	Standard	[Unknown]	[Interface for digital component video signals in 525-line and 625-line television systems operating at the 4:2:2 level of Recommendation ITU-R BT.601](#)

Current Status: *Unknown*

Publication Date: 1998-02-01T07:00:00.000Z

RE.802-8:2005	ITU-T	Recommendation	[Active]	[Information technology – JPEG 2000 image coding system: Motion JPEG 2000](#)

Current Status: *Active*

Publication Date: 2005-01-08T08:00:00.000Z

RE.802-8:2005 Amendment 1 (04/10)	ITU-T	Recommendation	[Active]	[Information technology – JPEG 2000 image coding system: Motion JPEG 2000](#)

Current Status: *Active*

Publication Date: 2010-04-22T08:00:00.000Z

RE.123 (02/2001)	ITU-T	Recommendation	[Active] [Amended]	[Notation for national and international telephone numbers, e-mail addresses and web addresses](#)

Amending Document(s):
[RE.123 (02/2001) Erratum 1 (05/2008)](#) *[Active]*
[RE.123 (02/2001) Amd. 1 (05/2008)](#) *[Active]*

Current Status: *Amended*

Publication Date: 2002-01-26T07:00:00.000Z

RE.123 (02/2001) Amd. 1 (05/2008)	ITU-T	Recommendation	[Active]	[Notation for national and international telephone numbers, e-mail addresses and web addresses](#)

Current Status: *Active*

Publication Date: 2002-01-26T07:00:00.000Z

Media Standards Registry

RE.123 (02/2001) Erratum 1 (05/2008)	ITU-T	Recommendation	[Active]	[Notation for national and international telephone numbers, e-mail addresses and web addresses](#)

Current Status: *Active*

Publication Date: 2002-01-26T07:00:00.000Z

REC H.265	ITU-T	Recommendation	[Superseded]	[High efficiency video coding](#)

Superseding Document(s): [REC H.265](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2016-12-01T08:00:00.000Z

REC H.265	ITU-T	Recommendation	[Active]	[High efficiency video coding](#)

Current Status: *Active*

Publication Date: 2019-11-29T08:00:00.000Z

TIFF Rev6.0:1992-06-03	ITU-T	Specification	[Active]	[TIFF Revision 6.0](#)

Current Status: *Active*

Publication Date: 1992-06-03T07:00:00.000Z

X.509, Jun 1997 E	ITU-T	Standard	[Active]	[Information technology - Open Systems Interconnection - The Directory: Authentication framework](#)

Current Status: *Active*

Publication Date: 2019-10-14T07:00:00.000Z

X.509, Jun 1997 E	ITU-T	Standard	[Superseded]	[Information technology - Open Systems Interconnection - The Directory: Authentication framework](#)

Superseding Document(s): [X.509, Jun 1997 E](#) *[Active]*

Current Status: *Superseded*

Publication Date: 1997-08-09T07:00:00.000Z

FIPS 140-2	NIST	Standard	[Superseded]	[Security Requirements for Cryptographic Modules](#)

Superseding Document(s): [FIPS 140-3](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2001-05-25T07:00:00.000Z

FIPS 140-3	NIST	Standard	[Active]	[Security Requirements for Cryptographic Modules](#)

Current Status: *Active*

Publication Date: 2019-03-22T07:00:00.000Z

FIPS 180-1	NIST	Standard	[Withdrawn] [Superseded] Superseding Document(s): FIPS 180-2 [Withdrawn]	Secure Hash Standard (SHS) - SHA1 Current Status: *Withdrawn* Publication Date: 1995-04-17T07:00:00.000Z
FIPS 180-2	NIST	Standard	[Withdrawn] [Superseded] Superseding Document(s): FIPS 180-3 [Withdrawn]	Secure Hash Standard (SHS) Current Status: *Withdrawn* Publication Date: 2002-08-01T07:00:00.000Z
FIPS 180-3	NIST	Standard	[Withdrawn] [Superseded] Superseding Document(s): FIPS 180-4 [Active]	Secure Hash Standard (SHS) Current Status: *Withdrawn* Publication Date: 2008-10-31T07:00:00.000Z
FIPS 180-4	NIST	Standard	[Active]	Secure Hash Standard (SHS) Current Status: *Active* Publication Date: 2015-08-04T07:00:00.000Z
FIPS PUB 186-2	NIST	Standard	[Withdrawn] [Superseded] Superseding Document(s): FIPS 186-3 [Withdrawn]	Digital Signature Standard (DSS) Current Status: *Withdrawn* Publication Date: 2001-10-05T07:00:00.000Z
FIPS 186-3	NIST	Standard	[Withdrawn] [Superseded] Superseding Document(s): FIPS 186-4 [Active]	Digital Signature Standard (DSS) Current Status: *Withdrawn* Publication Date: 2009-06-25T07:00:00.000Z
FIPS 186-4	NIST	Standard	[Active]	Digital Signature Standard (DSS) Current Status: *Active* Publication Date: 2013-07-19T07:00:00.000Z
FIPS 197	NIST	Standard	[Active]	Advanced Encryption Standard (AES) Current Status: *Active* Publication Date: 2001-11-26T07:00:00.000Z

Media Standards Registry

FIPS 198	NIST	Standard	[Withdrawn] [Superseded] **Superseding Document(s):** FIPS 198-1 *[Active]*	The Keyed-Hash Message Authentication Code (HMAC) **Current Status:** *Withdrawn* Publication Date: 2002-03-06T07:00:00.000Z
FIPS 198-1	NIST	Standard	[Active]	The Keyed-Hash Message Authentication Code (HMAC) **Current Status:** *Active* Publication Date: 2008-07-16T07:00:00.000Z
NIST KMGD	NIST	Guideline	[Unknown]	Key Management Guideline Draft, June 3, 2002 **Current Status:** *Unknown* **Details:** *Cannot locate* Publication Date: 2002-06-03T07:00:00.000Z
NIST SP 800-38A	NIST	Recommendation	[Active] [Amended] **Amending Document(s):** NIST SP 800-38A Addendum *[Active]*	Recommendation for Block Cipher Modes of Operation: Methods and Techniques **Current Status:** *Amended* Publication Date: 2001-12-01T07:00:00.000Z
NIST SP 800-38A Addendum	NIST	Recommendation	[Active]	Recommendation for Block Cipher Modes of Operation: Three Variants of Ciphertext Stealing for CBC Mode **Current Status:** *Active* Publication Date: 2010-10-21T07:00:00.000Z
NIST SP 800-57 Part 1 Revised	NIST	Recommendation	[Withdrawn] [Superseded] **Superseding Document(s):** NIST SP 800-57 Part 1 Rev. 5 *[Active]*	Recommendation for Key Management, Part 1: General (Revised) **Current Status:** *Withdrawn* Publication Date: 2007-03-01T07:00:00.000Z
NIST SP 800-57 Part 1 Rev. 5	NIST	Recommendation	[Active]	Recommendation for Key Management: Part 1 – General **Current Status:** *Active* Publication Date: 2020-05-01T07:00:00.000Z

SP 800-57 Part 2	NIST	Recommendation	[Withdrawn] [Superseded] **Superseding Document(s):** [SP 800-57 Part 2 Rev. 1](#) *[Active]*	[Recommendation for Key Management, Part 2: Best Practices for Key Management Organization](#) **Current Status:** *Withdrawn* Publication Date: 2005-08-01T07:00:00.000Z
SP 800-57 Part 2 Rev. 1	NIST	Recommendation	[Active]	[Recommendation for Key Management: Part 2 – Best Practices for Key Management Organizations](#) **Current Status:** *Active* Publication Date: 2019-05-01T07:00:00.000Z
SP 800-57 Part 3	NIST	Recommendation	[Withdrawn] [Superseded] **Superseding Document(s):** [SP 800-57 Part 3 Rev. 1](#) *[Active]*	[Recommendation for Key Management, Part 3: Application-Specific Key Management Guidance](#) **Current Status:** *Withdrawn* Publication Date: 2000-12-01T07:00:00.000Z
SP 800-57 Part 3 Rev. 1	NIST	Recommendation	[Active]	[Recommendation for Key Management, Part 3: Application-Specific Key Management Guidance](#) **Current Status:** *Active* Publication Date: 2015-01-01T07:00:00.000Z
OM Membership v3.4	SMPTE	Policy	[Active]	[SMPTE Membership Operations Manual Version 3.4](#) **Current Status:** *Active* Publication Date: 2018-10-21T07:00:00.000Z
OM Standards v3.1	SMPTE	Policy	[Active]	[SMPTE Standards Operations Manual v.3.1](#) **Current Status:** *Active* Publication Date: 2015-04-04T07:00:00.000Z
OV 2067-0:2017	SMPTE [35PM]	Overview	[Superseded] **Superseding Document(s):** [OV 2067-0:2018](#) *[Active]*	[Interoperable Master Format — Overview for the SMPTE 2067 Document Suite](#) **Current Status:** *Superseded* Publication Date: 2017-02-03T08:00:00.000Z

Media Standards Registry

OV 2067-0:2018	SMPTE [35PM]	Overview		[Active]	[Interoperable Master Format — Overview for the SMPTE 2067 Document Suite](#)

Current Status: *Active*

Publication Date: 2018-06-25T07:00:00.000Z

OV 2094-0:2017	SMPTE [10E]	Overview		[Active]	[Dynamic Metadata for Color Volume Transformation — Overview for the SMPTE ST 2094 Document Suite](#)

Current Status: *Active*

Publication Date: 2017-01-25T08:00:00.000Z

OV 379-0:2015	SMPTE [31FS]	Overview		[Active]	[Material Exchange Format (MXF) — MXF Generic Container — Overview for the SMPTE ST 379 Document Suite](#)

Current Status: *Active*

Publication Date: 2017-01-11T08:00:00.000Z

PC 2003	Wiley	Book		[Active]	[Practical Cryptography](#)

Current Status: *Active*

Publication Date: 2003-04-01T07:00:00.000Z

Patent #5,848,159	USPO	Patent		[Active]	[Public key cryptographic apparatus and method](#)

Current Status: *Active*

Publication Date: 1998-12-08T07:00:00.000Z

RDD 20:2010	SMPTE [21DC]	Registered Disclosure Document	[DCinema] [Security] [Operations]	[Active]	[Cinelink 2 Specification](#)

Current Status: *Active*

Publication Date: 2010-04-12T07:00:00.000Z

Normative References:
[ST 291:2006(m)](#)
[Superseded]
[ST 292:2008](#)
[Superseded]
[ST 372:2009](#)
[Superseded]
[FIPS 197](#)
[Active]

Bibliographic References:
[ST 430-6:2008](#)
[Superseded]

Media Standards Registry

RDD 28:2014	SMPTE [21DC]	Registered Disclosure Document	[DCinema] [Immersive Audio] [Sound]	[Active]	Dolby Atmos® Print Master File Specification

Current Status: *Active*

Publication Date: 2014-08-01T07:00:00.000Z

Normative References:

NS XML *[Active]*

XML XSD 11 P1 *[Active]*

XML XSD 11 P2 *[Active]*

XML *[Active]*

BR.1352-2:2002

[Superseded]

RDD 29:2014	SMPTE [21DC]	Registered Disclosure Document	[DCinema] [Immersive Audio] [Sound]	[Superseded]	Dolby Atmos® Bitstream Specification

Superseding Document(s):

RDD 29:2019

[Active]

Current Status: *Superseded*

Publication Date: 2014-08-01T07:00:00.000Z
Superseded Date: 2019-01-25T08:00:00.000Z

RDD 29:2019	SMPTE [21DC]	Registered Disclosure Document	[DCinema] [Immersive Audio] [Sound]	[Active]	Dolby Atmos® Bitstream Specification

Current Status: *Active*

Publication Date: 2019-01-24T08:00:00.000Z

RDD 45:2017	SMPTE [35PM]	Registered Disclosure Document		[Active]	Interoperable Master Format — Application ProRes

Current Status: *Active*

Publication Date: 2017-12-18T08:00:00.000Z

RDD 52:2020	SMPTE [21DC]	Registered Disclosure Document	[DCinema] [DCP Application] [Packaging] [DCP Core] [Distribution] [Metadata]	[Active]

SMPTE DCP Bv2.1 Application Profile

Current Status: *Active*

Publication Date: 2020-07-23T08:00:00.000Z

Work Info
Group: 21DC DG_RDD_52
TC Approved: Yes
Project Link

Normative References:

ST 428-7:2014 *[Active]*

ST 428-12:2013 *[Active]*

ST 429-2:2019 *[Active]*

ST 429-18:2019 *[Active]*

ST 429-19:2019 *[Active]*

ST 429-8:2007 *[Active]*

ST 429-7:2006 *[Active]*

ST 429-16:2014 *[Active]*

ST 2001-1:2015 *[Active]*

ST 429-6:2006 Am1:2018 *[Active]*

ST 377:2004(m) *[Superseded *]*

ISO 15444-1:2016(en) *[Superseded]*

DCSS v1.3 2018-0627 *[Superseded]*

IANA LSR *[Active]*

RFC 5646 *[Active]*

RFC 4122 *[Active]*

ISDCF Doc 01 *[Active]*

RDD 53:20XX	SMPTE [21DC]	Registered Disclosure Document		[Draft]

Hybrid Tone Mapping of digital cinema content for distribution of multiple dynamic range

Current Status: *Draft*

Details: *DG Formed*

Work Info
Group: 21DC DG_RDD_53
TC Approved: Yes
Project Link

RP 120:2005	SMPTE [20F]	Recommended Practice		[Active]

Measurement of Intermodulation Distortion in Audio Systems

Current Status: *Active*

Publication Date: 2005-04-06T07:00:00.000Z

Media Standards Registry

RP 141:2005	SMPTE [20F]	Recommended Practice	[Measurement] [Operations] [Audio] [Cinema Sound]	[Active]	[Background Acoustic Noise Levels in Theaters and Review Rooms](#)

Current Status: *Active*

Publication Date: 2005-01-01T08:00:00.000Z

RP 155:2004	SMPTE [20F]	Recommended Practice		[Superseded]	[Reference Levels for Analog and Digital Audio Systems](#)

Superseding Document(s):
[RP 155:2014](#)
[Active]

Current Status: *Superseded*

Publication Date: 2004-01-01T08:00:00.000Z

RP 155:2014	SMPTE [20F]	Recommended Practice		[Active]	[Reference Levels for Analog and Digital Audio Systems](#)

Current Status: *Active*

Publication Date: 2014-12-29T07:00:00.000Z

RP 173:2002	SMPTE [20F]	Recommended Practice		[Withdrawn]	[Loudspeaker Placements for Audio Monitoring in High-Definition Electronic Production](#)

Current Status: *Withdrawn*

Publication Date: 2002-01-01T08:00:00.000Z

RP 187:1995	SMPTE	Recommended Practice		[Active] [Stablized]	[Center, Aspect Ratio and Blanking of Video Images](#)

Current Status: *Active*

Publication Date: 1995-12-06T07:00:00.000Z

RP 200:2002	SMPTE [20F]	Recommended Practice		[Superseded]	[Relative and Absolute Sound Pressure Levels for Motion-Picture Multichannel Sound Systems — Applicable for Analog Photographic Film Audio, Digital Photographic Film Audio and D-Cinema](#)

Superseding Document(s):
[RP 200:2012](#)
[Active]

Current Status: *Superseded*

Publication Date: 2002-11-07T08:00:00.000Z

RP 200:2012	SMPTE [20F]	Recommended Practice		[Active]	[Relative and Absolute Sound Pressure Levels for Motion-Picture Multichannel Sound Systems — Applicable for Analog Photographic Film Audio, Digital Photographic Film Audio and D-Cinema](#)

Current Status: *Active*

Publication Date: 2012-05-07T07:00:00.000Z

Media Standards Registry

RP 202:2010   SMPTE [10E]   Recommended Practice   [Active]   [Video Alignment for Compression Coding](#)

> **Current Status:** *Active*
>
> Publication Date: 2008-04-18T07:00:00.000Z

RP 205:2000   SMPTE [30MR]   Recommended Practice   **[Superseded]**

Superseding Document(s):
[RP 205:2009](#)
[Superseded]

Application of Unique Material Identifiers in Production and Broadcast Environments

> **Current Status:** *Superseded*

RP 205:2009   SMPTE [30MR]   Recommended Practice   **[Superseded]**

Superseding Document(s):
[RP 205:2014](#)
[Active]

[Application of Unique Material Identifiers in Production and Broadcast Environments](#)

> **Current Status:** *Superseded*
>
> Publication Date: 2009-11-09T07:00:00.000Z

RP 205:2014   SMPTE [30MR]   Recommended Practice   [Active]   [Application of Unique Material Identifiers in Production and Broadcast Environments](#)

> **Current Status:** *Active*
>
> Publication Date: 2014-12-29T07:00:00.000Z

RP 2079:2018   SMPTE [30MR]   Recommended Practice   [Active]   [Digital Object Identifier (DOI) Name and Entertainment ID Registry (EIDR) Identifier Representations`](#)

> **Current Status:** *Active*
>
> Publication Date: 2018-08-31T07:00:00.000Z

RP 2089:2014   SMPTE [31FS]   Recommended Practice   [Active]   [Carriage of EIDR Identifiers in MXF Files](#)

> **Current Status:** *Active*
>
> Publication Date: 2014-10-30T07:00:00.000Z

RP 210v13:2012   SMPTE [30MR]   Recommended Practice   [Active]   [SMPTE Recommended Practice - Metadata Element Dictionary](#)

> **Current Status:** *Active*
>
> **Details:** *Registers of all published SMPTE metadata values are now available at http://smpte-ra.org/smpte-metadata-registry*
>
> **Related Documents:**
> [Published Registers](#) *[Active]*

RP 224v12:2012   SMPTE [30MR]   Recommended Practice   [Active]

SMPTE Labels Register

Current Status: *Active*

Details: *Registers of all published SMPTE metadata values are now available at http://smpte-ra.org/smpte-metadata-registry*

Related Documents:
Published Registers *[Active]*

RP 25:1995   SMPTE [20F]   Recommended Practice   [Superseded]

Superseding Document(s):
RP 25:2011 *[Active]*

Audio and Picture Synchronization on Motion-Picture Film Relative to the Universal Leader for Magnetic and Photographic Records

Current Status: *Superseded*

Publication Date: 1995-01-01T07:00:00.000Z

RP 25:2011   SMPTE [20F]   Recommended Practice   [Active] [Reaffirmed] [Stablized]

Audio and Picture Synchronization in Motion-Picture Film Relative to Leaders for Television and Theatrical Presentation for Analog Magnetic and Photographic Records

Current Status: *Active*

Publication Date: 2011-12-05T07:00:00.000Z
Reaffirmed Date: 2015-12-01T07:00:00.000Z

RP 428-4:2010   SMPTE [21DC]   Recommended Practice   [DCinema] [DCDM] [Distribution] [Sound]   [Active]

D-Cinema Distribution Master —Audio File Format and Delivery Constraints

Current Status: *Active*

Publication Date: 2010-03-31T07:00:00.000Z
GitHub: https://github.com/SMPTE/rp428-4/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Work being done
Project Link
Dependent on updates to:
st377-4-2012 *[Active]*

Notes: *Project in OLC, 377-4 removed ref, Brian thinks we still need to revise*

Normative References:
ST 428-2:2006 *[Active]*
ST 428-3:2006 *[Withdrawn]*
ST 429-2:2009 *[Superseded]*
ST 429-7:2006 *[Active]*
BR.1352-1: (2002) *[Superseded]*
ISO 639-2:1998 *[Active]*

| RP 428-5:2010 | SMPTE [21DC] | Recommended Practice | [DCinema]
[DCDM]
[Distribution]
[Image] | [Active]
[Reaffirmed] |

[D-Cinema Distribution Master — Mapping of Images into Constrained Tag Image File](#)

Current Status: *Active*

Publication Date: 2010-06-24T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Normative References:
[ST 428-1:2006](#)
[Superseded]
[RP 428-6:2009](#)
[Active]
[ISO 12639:2004(E)](#)
[Amended]
[ISO 646:1991](#)
[Active]

Bibliographic References:
[ST 429-7:2006](#)
[Active]
[TIFF Rev6.0:1992-06-03](#) *[Active]*
[ICC.1:2004-10](#)
[Superseded]
[ISO 15076-1:2005](#)
[Withdrawn]

| RP 428-6:2009 | SMPTE [21DC] | Recommended Practice | [DCinema]
[DCDM]
[Distribution] | [Active]
[Reaffirmed] |

[D-Cinema Distribution Master —Digital Leader](#)

Current Status: *Active*

Publication Date: 2009-06-03T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Normative References:
[ST 428-1:2006](#)
[Superseded]
[ST 428-3:2006](#)
[Withdrawn]
[RP 155:2004](#)
[Superseded]

Bibliographic References:
[ASA PH22.55-1966](#) *[Unknown]*
[ST 55:2000](#)
[Superseded]
[ST 428-2:2006](#)
[Active]
[RP 25:1995](#)
[Superseded]
[RP 431-2:2007](#)
[Superseded]

| RP 428-5:2010 | SMPTE [21DC] | Recommended Practice | [DCinema]
[DCDM]
[Distribution]
[Image] | [Active]
[Reaffirmed] |

Media Standards Registry

RP 430-18	SMPTE [21DC]	Recommended Practice		[Withdrawn]	SMS OMB Comm. Reference RP

Current Status: *Withdrawn*

Details: *No longer needed*

> **Work Info**
> Group: [21DC SMS OMB](#)
> TC Approved: Yes
> [Project Link](#)
>
> **Notes:** *Closed project, deemed no longer needed by DG*

RP 431-2:2007	SMPTE [21DC]	Recommended Practice	[DCinema] [Quality] [Projection] [Measurement] [Image]	[Superseded]	D-Cinema Quality — Reference Projector and Environment

Superseding Document(s):
[RP 431-2:2011](#)
[Active]

Current Status: *Superseded*

RP 431-2:2011	SMPTE [21DC]	Recommended Practice	[DCinema] [Quality] [Projection] [Measurement] [Image]	[Active] [Reaffirmed]	[D-Cinema Quality — Reference Projector and Environment](#)

Current Status: *Active*

Publication Date: 2011-04-06T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Normative References:
[ST 428-1:2006](#)
[Superseded]
[ST 431-1:2006](#)
[Active]
[CIE 15.2:1986](#)
[Superseded]

RP 98:1995	SMPTE [20F]	Recommended Practice	[Quality] [Projection] [Measurement] [Image]	[Active]	[Measurement of Screen Luminance in Theaters](#)

Current Status: *Active*

Publication Date: 1995-01-01T07:00:00.000Z

RTF ASD NBSA 2000	UCI	Dissertation		[Active]	[Architectural Styles and the Design of Network-based Software Architectures](#)

Current Status: *Active*

Publication Date: 2000-01-18:00:00.000Z

SGR 21DC HFR 112011	SMPTE [21DC]	Study Group Report		[Unknown]	Second Interim Study Group Report on High Frame Rates, November 2011

Current Status: *Unknown*

Details: *Cannot locate*

SGR DC28 AFR 072007	SMPTE [21DC]	Study Group Report		[Unknown]	DC28 Study Group Report on Additional Frame Rates, July 2007

Current Status: *Unknown*

Details: *Cannot locate*

Media Standards Registry

SGR DC28 Stereography 2005	SMPTE [21DC]	Study Group Report	[Unknown]	DC28.0 Stereoscopic D-Cinema Study Group Report, 2005 **Current Status:** *Unknown* **Details:** *Cannot locate*
SMPTE DCPD JW	SMPTE	Engineering Report	[Active]	[The SMPTE Data Coding Protocol and Dictionaries, Jim Wilkinson, SMPTE Journal, July 2000 Vol. 109, No. 7, Page(s): 579 - 586 - Engineering Report](#) **Current Status:** *Active* Publication Date: 2000-07-01T07:00:00.000Z
Published Registers	SMPTE [30MR]	Registry	[Active]	[SMPTE Labels Register](#) **Current Status:** *Active* Publication Date: 2018-07-01T07:00:00.000Z
ST 125:2013	SMPTE [10E]	Standard	[Active]	[SDTV Component Video Signal Coding 4:4:4 and 4:2:2 for 13.5 MHz and 18 MHz Systems](#) **Current Status:** *Active* Publication Date: 2013-12-30T07:00:00.000Z
ST 125:1995(m)	SMPTE [10E]	Standard	[Superseded] **Superseding Document(s):** [ST 125:2013](#) *[Active]*	[For Television — Component Video Signal 4:2:2 — Bit-Parallel Digital Interface](#) **Current Status:** *Superseded* Publication Date: 1995-09-12T07:00:00.000Z
ST 12M:2008	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** [ST 12:2014](#) *[Active]*	[For Television — Time and Control Code](#) **Current Status:** *Superseded* Publication Date: 2008-02-0707:00:00.000Z
ST 12:2014	SMPTE [32NF]	Standard	[Active]	[Time and Control Code](#) **Current Status:** *Active* Publication Date: 2014-02-20:00:00.000Z
ST 12:1999(m)	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** [ST 12M:2008](#) *[Superseded]*	For Television — Time and Control Code **Current Status:** *Superseded* **Details:** *Cannot locate*

| ST 196:2003(m) | SMPTE [20F] | Standard | [Active] | For Motion-Picture Film — Indoor Theater and Review Room Projection — Screen Luminance and Viewing Conditions |

Current Status: *Active*

Publication Date: 2003-10-20T07:00:00.000Z

| ST 2001-1:2015 | SMPTE [31FS] | Standard | [Active] | XML Representation of SMPTE Registered Data (Reg-XML) — Mapping Rules |

Current Status: *Active*

Publication Date: 2016-03-10T08:00:00.000Z

| ST 2029:2009 | SMPTE [30MR] | Standard | [Active] | Uniform Resource Names for SMPTE Resources |

Current Status: *Active*

Publication Date: 2011-03-10T08:00:00.000Z

| ST 202:2010 | SMPTE [20F] | Standard | [Active] | Motion-Pictures — Dubbing Theaters, Review Rooms and Indoor Theaters — B-Chain Electroacoustic Response |

Current Status: *Active*

Publication Date: 2010-10-20T07:00:00.000Z

| ST 202:1998(m) | SMPTE [20F] | Standard | [Superseded] | Motion-Pictures — Dubbing Theaters, Review Rooms and Indoor Theaters — B-Chain Electroacoustic Response |

Superseding Document(s):
ST 202:2010
[Active]

Current Status: *Superseded*

Details: *Cannot locate*

| ST 2034-1:2014 | SMPTE [31FS] | Standard | [Superseded] | Archive eXchange Format (AXF) — Part 1: Structure & Semantics |

Superseding Document(s):
ST 2034-1:2017
[Active]

Current Status: *Superseded*

Publication Date: 2014-08-29T07:00:00.000Z

| ST 2034-1:2017 | SMPTE [31FS] | Standard | [Active] | Archive eXchange Format (AXF) — Part 1: Structure & Semantics |

Current Status: *Active*

Publication Date: 2017-03-06T08:00:00.000Z

ST 2052-1:2013   SMPTE [24TB]   Standard   [Active]

[Timed Text Format (SMPTE-TT)](#)

Current Status: *Active*

Publication Date: 2013-06-05T07:00:00.000Z

ST 2067-100:2014   SMPTE [35PM]   Standard   [Active]

[Interoperable Master Format — Output Profile List](#)

Current Status: *Active*

Publication Date: 2015-01-30T08:00:00.000Z

ST 2067-101:2014   SMPTE [35PM]   Standard

[Superseded]

Superseding Document(s):
[ST 2067-101:2018](#)
[Active]

[Interoperable Master Format — Output Profile List — Common Image Definitions and Macros](#)

Current Status: *Superseded*

Publication Date: 2015-01-30T08:00:00.000Z

ST 2067-101:2018   SMPTE [35PM]   Standard   [Active]

[Interoperable Master Format — Output Profile List — Common Image Definitions and Macros](#)

Current Status: *Active*

Publication Date: 2018-03-14T07:00:00.000Z

ST 2067-102:2014   SMPTE [35PM]   Standard

[Superseded]

Superseding Document(s):
[ST 2067-102:2017](#)
[Active]

[Interoperable Master Format — Common Image Pixel Color Schemes](#)

Current Status: *Superseded*

Publication Date: 2015-01-30T08:00:00.000Z

ST 2067-102:2017   SMPTE [35PM]   Standard   [Active]

[Interoperable Master Format — Common Image Pixel Color Schemes](#)

Current Status: *Active*

Publication Date: 2017-09-21T07:00:00.000Z

ST 2067-103:2014   SMPTE [35PM]   Standard   [Active]

[Interoperable Master Format — Output Profile List — Common Audio Definition and Macros](#)

Current Status: *Active*

Publication Date: 2015-01-03T08:00:00.000Z

ST 2067-200:2018	SMPTE [35PM]	Standard		[Active]	Interoperable Master Format — Dynamic Metadata for Color Volume Transform (DMCVT) Plug-in

Current Status: *Active*

Publication Date: 2018-07-31T07:00:00.000Z

ST 2067-201:2019	SMPTE [35PM]	Standard	[IMF] [Packaging] [Immersive Audio] [Audio]	[Active]	Immersive Audio Bitstream Level 0 Plug-in

Current Status: *Active*

Publication Date: 2019-07-23T07:00:00.000Z

ST 2067-20:2013	SMPTE [35PM]	Standard		[Superseded]	Interoperable Master Format — Application #2

Superseding Document(s):
ST 2067-20:2016
[Withdrawn]

Current Status: *Superseded*

Publication Date: 2016-08-29T07:00:00.000Z

ST 2067-20:2016	SMPTE [35PM]	Standard		[Withdrawn]	Interoperable Master Format — Application #2

Current Status: *Withdrawn*

Publication Date: 2016-07-11T07:00:00.000Z

ST 2067-21:2014	SMPTE [35PM]	Standard		[Superseded]	Interoperable Master Format — Application #2 Extended

Superseding Document(s):
ST 2067-21:2016
[Superseded]

Current Status: *Superseded*

Publication Date: 2014-08-01T07:00:00.000Z

ST 2067-21:2016	SMPTE [35PM]	Standard		[Superseded]	Interoperable Master Format — Application #2E

Superseding Document(s):
ST 2067-21:2020
[Active]

Current Status: *Superseded*

Publication Date: 2016-07-11T07:00:00.000Z

ST 2067-21:2020	SMPTE [35PM]	Standard	[IMF] [IMF Application]	[Active]	Interoperable Master Format — Application #2E

Current Status: *Active*

Publication Date: 2020-05-12T07:00:00.000Z

ST 2067-2:2013	SMPTE [35PM]	Standard		[Superseded]	Interoperable Master Format — Core Constraints

Superseding Document(s):
ST 2067-2:2016
[Superseded]

Current Status: *Superseded*

Publication Date: 2013-08-29T07:00:00.000Z

Media Standards Registry

ST 2067-2:2016	SMPTE [35PM]	Standard	**[Superseded]** **Superseding Document(s):** [ST 2067-2:2020](#) *[Active]*	[Interoperable Master Format — Core Constraints](#) **Current Status: *Superseded*** Publication Date: 2016-07-11T07:00:00.000Z
ST 2067-2:2020	SMPTE [35PM]	Standard	**[Active]**	[Interoperable Master Format — Core Constraints](#) **Current Status: *Active*** Publication Date: 2020-05-12T07:00:00.000Z
ST 2067-30:2013	SMPTE [35PM]	Standard	**[Active]**	[Interoperable Master Format — Application #3](#) **Current Status: *Active*** Publication Date: 2013-08-29T07:00:00.000Z
ST 2067-3:2013	SMPTE [35PM]	Standard	**[Superseded]** **Superseding Document(s):** [ST 2067-3:2016](#) *[Superseded]*	[Interoperable Master Format — Composition Playlist](#) **Current Status: *Superseded*** Publication Date: 2013-02-21T08:00:00.000Z
ST 2067-3:2016	SMPTE [35PM]	Standard	**[Superseded]** **Superseding Document(s):** [ST 2067-3:2020](#) *[Active]*	[Interoperable Master Format — Composition Playlist](#) **Current Status: *Superseded*** Publication Date: 2016-07-11T07:00:00.000Z
ST 2067-3:2020	SMPTE [35PM]	Standard	**[Active]**	[Interoperable Master Format — Composition Playlist](#) **Current Status: *Active*** Publication Date: 2020-05-12T07:00:00.000Z
ST 2067-40:2016	SMPTE [35PM]	Standard	**[Active]** **[Amended]** **Amending Document(s):** [ST 2067-40:2016 Am1:2017](#) *[Active]*	[Interoperable Master Format — Application #4 Cinema Mezzanine](#) **Current Status: *Amended*** Publication Date: 2016-09-07T07:00:00.000Z
ST 2067-40:2016 Am1:2017	SMPTE [35PM]	Standard	**[Active]**	[Interoperable Master Format — Application #4 Cinema Mezzanine Amendment 1](#) **Current Status: *Active*** Publication Date: 2017-12-27T08:00:00.000Z

Media Standards Registry

ST 2067-50:2018	SMPTE [35PM]	Standard	[Active]	[Interoperable Master Format — Application #5 ACES](#)

Current Status: *Active*

Publication Date: 2018-02-16T08:00:00.000Z

ST 2067-5:2013	SMPTE [35PM]	Standard	[Superseded]	[Interoperable Master Format — Essence Component](#)

Superseding Document(s):
[ST 2067-5:2020](#)
[Active]

[Amended]

Amending Document(s):
[ST 2067-5:2013 Am1:2016](#)
[Superseded]

Current Status: *Superseded*

Details: *Amended, Superseded*

Publication Date: 2013-02-21T08:00:00.000Z

ST 2067-5:2013 Am1:2016	SMPTE [35PM]	Standard	[Superseded]	[Interoperable Master Format — Essence Component](#)

Superseding Document(s):
[ST 2067-5:2020](#)
[Active]

Current Status: *Superseded*

Publication Date: 2016-07-11T07:00:00.000Z

ST 2067-5:2020	SMPTE [35PM]	Standard	[Active]	[Interoperable Master Format — Essence Component](#)

Current Status: *Active*

Publication Date: 2020-05-12T07:00:00.000Z

ST 2067-8:2013	SMPTE [35PM]	Standard	[Active]	[Interoperable Master Format — Common Audio Labels](#)

Current Status: *Active*

Publication Date: 2013-08-29T07:00:00.000Z

ST 2067-9:2018	SMPTE [35PM]	Standard	[Active]	[Interoperable Master Format - Sidecar Composition Map](#)

Current Status: *Active*

Publication Date: 2018-06-12T07:00:00.000Z

ST 2084:2014	SMPTE [10E]	Standard	[Active]	[High Dynamic Range Electro-Optical Transfer Function of Mastering Reference Displays](#)

Current Status: *Active*

Publication Date: 2014-08-19T07:00:00.000Z

Media Standards Registry

ST 2085:2015 | SMPTE [10E] | Standard | [Active] | [Y′D′ - D′ - Color-Difference Computations for High Dynamic Range X′Y′Z′ Signals](#)

Current Status: *Active*

Publication Date: 2015-06-21T07:00:00.000Z

ST 2094-10:2016 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — Application #1](#)

Current Status: *Active*

Publication Date: 2016-06-13T07:00:00.000Z

ST 2094-1:2016 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — Core Components](#)

Current Status: *Active*

Publication Date: 2016-06-13T07:00:00.000Z

ST 2094-20:2016 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — Application #2](#)

Current Status: *Active*

Publication Date: 2016-07-21T07:00:00.000Z

ST 2094-2:2017 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — KLV Encoding and MXF Mapping](#)

Current Status: *Active*

Publication Date: 2017-01-25T08:00:00.000Z

ST 2094-30:2016 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — Application #3](#)

Current Status: *Active*

Publication Date: 2016-07-21T07:00:00.000Z

ST 2094-40:2016 | SMPTE [10E] | Standard | [Active] | [Dynamic Metadata for Color Volume Transform — Application #4](#)

Current Status: *Active*

Publication Date: 2016-09-07T07:00:00.000Z

ST 2098-1:2018	SMPTE [25CSS]	Standard	[DCinema] [Metadata] [IMF] [Immersive Audio] [Cinema Sound] [Audio]	[Active]	**Immersive Audio Metadata**

Current Status: *Active*

Publication Date: 2018-08-10T07:00:00.000Z

ST 2098-2:2018	SMPTE [25CSS]	Standard	[DCinema] [Immersive Audio] [Cinema Sound] [Audio]	[Superseded]	**Immersive Audio Bitstream Specification**

Superseding Document(s):
ST 2098-2:2019
[Active]

Current Status: *Superseded*

Publication Date: 2018-08-10T07:00:00.000Z

ST 2098-2:2019	SMPTE [25CSS]	Standard	[DCinema] [Immersive Audio] [Cinema Sound] [Audio]	[Active]	**Immersive Audio Bitstream Specification**

Current Status: *Active*

Publication Date: 2019-06-24T07:00:00.000Z

ST 2098-5:2018	SMPTE [25CSS]	Standard	[DCinema] [IMF] [Packaging] [Immersive Audio] [Cinema Sound] [Audio]	[Active]	**D-Cinema Immersive Audio Channels and Soundfield Groups**

Current Status: *Active*

Publication Date: 2018-02-16T08:00:00.000Z

ST 2114:2017	SMPTE [30MR]	Standard		[Active]	**Unique Digital Media Identifier (C4 ID)**

Current Status: *Active*

Publication Date: 2017-08-16T07:00:00.000Z

ST 268-1:2014	SMPTE [31FS]	Standard		[Active]	**File Format for Digital Moving-Picture Exchange (DPX)**

Current Status: *Active*

Details: *Same doc as st268-2014, re-labeled as '-1'*

Publication Date: 2017-05-23T07:00:00.000Z

ST 268:2014	SMPTE [31FS]	Standard		[Superseded]	**File Format for Digital Moving-Picture Exchange (DPX)**

Superseding Document(s):
ST 268-1:2014
[Active]

Current Status: *Superseded*

Publication Date: 2014-12-29T07:00:00.000Z

Media Standards Registry

| ST 268-2:2018 | SMPTE [31FS] | Standard | [Active] | [Digital Moving-Picture Exchange (DPX) – Format Extensions for High Dynamic Range and Wide Color Gamut](#) |

Current Status: *Active*

Publication Date: 2019-01-09T07:00:00.000Z

| ST 268:2003(m) | SMPTE [31FS] | Standard | [Superseded] | [File Format for Digital Moving-Picture Exchange (DPX), Version 2.0](#) |

Superseding Document(s):
[ST 268:2014](#)
[Superseded]

[Amended]

Amending Document(s):
[ST 268:2003 Am1:2012](#)
[Superseded]

Current Status: *Superseded*

Publication Date: 2003-05-05T07:00:00.000Z

| ST 268:2003 Am1:2012 | SMPTE [31FS] | Standard | [Superseded] | [File Format for Digital Moving-Picture Exchange (DPX) — Amendment 1](#) |

Superseding Document(s):
[ST 268:2014](#)
[Superseded]

Current Status: *Superseded*

Publication Date: 2012-07-03T07:00:00.000Z

| ST 274:2003(m) | SMPTE [10E] | Standard | [Superseded] | Television — 1920 × 1080 Image Sample Structure, Digital Representation and Digital Timing Reference Sequences for Multiple Picture Rates |

Superseding Document(s):
[ST 274:2005(m)](#)
[Superseded]

Current Status: *Superseded*

Details: *Cannot locate*

| ST 274:2005(m) | SMPTE [10E] | Standard | [Superseded] | Television — 1920 × 1080 Image Sample Structure, Digital Representation and Digital Timing Reference Sequences for Multiple Picture Rates |

Superseding Document(s):
[ST 274:2008(m)](#)
[Active]

Current Status: *Superseded*

Details: *Cannot locate*

| ST 274:2008(m) | SMPTE [10E] | Standard | [Active] [Reaffirmed] [Stablized] | [Television — 1920 × 1080 Image Sample Structure, Digital Representation and Digital Timing Reference Sequences for Multiple Picture Rates](#) |

Current Status: *Active*

Publication Date: 2008-01-29T07:00:00.000Z
Reaffirmed Date: 2013-07-08T07:00:00.000Z

| ST 291-1:2010 | SMPTE [32NF] | Standard | [Active] [Reaffirmed] | **Ancillary Data Packet and Space Formatting** |

Current Status: *Active*

Details: *Same doc as st291-2011, re-labeled as '-1'*

Publication Date: 2011-09-23T07:00:00.000Z
Reaffirmed Date: 2016-09-19T07:00:00.000Z

| ST 291:2010 | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 291:2011 *[Superseded]* | Ancillary Data Packet and Space Formatting |

Current Status: *Superseded*

Details: *Cannot locate*

| ST 291:2011 | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 291-1:2010 *[Active]* | Ancillary Data Packet and Space Formatting |

Current Status: *Superseded*

Details: *Cannot locate*

| ST 291:2006(m) | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 291:2010 *[Superseded]* | **Ancillary Data Packet and Space Formatting** |

Current Status: *Superseded*

Publication Date: 2006-09-20T07:00:00.000Z

| ST 292-1:2011 | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 292-1:2012 *[Superseded]* | 1.5 Gb/s Signal/Data Serial Interface |

Current Status: *Superseded*

Publication Date: 2011-03-30T07:00:00.000Z

| ST 292-1:2012 | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 292-1:2018 *[Active]* | 1.5 Gb/s Signal/Data Serial Interface |

Current Status: *Superseded*

Publication Date: 2012-01-03T07:00:00.000Z

| ST 292-1:2018 | SMPTE [32NF] | Standard | [Active] | 1.5 Gb/s Signal/Data Serial Interface |

Current Status: *Active*

Publication Date: 2018-04-25T07:00:00.000Z

| ST 292:2008 | SMPTE [32NF] | Standard | [Superseded] Superseding Document(s): ST 292-1:2011 *[Superseded]* | 1.5 Gb/s Signal/Data Serial Interface |

Current Status: *Superseded*

Details: *Cannot locate*

Media Standards Registry

ST 293:2003(m)	SMPTE [10E]	Standard	[Active] [Stablized]	Television — 720 × 483 Active Line at 59.94-Hz Progressive Scan Production — Digital Representation
				Current Status: *Active* Publication Date: 2003-02-27T07:00:00.000Z

ST 296:2011	SMPTE [10E]	Standard	[Superseded] **Superseding Document(s):** ST 296:2012 *[Active]*	1280 × 720 Progressive Image Sample Structure — Analog and Digital Representation and Analog Interface
				Current Status: *Superseded* Publication Date: 2011-10-25T07:00:00.000Z

ST 296:2012	SMPTE [10E]	Standard	[Active]	1280 × 720 Progressive Image 4:2:2 and 4:4:4 Sample Structure — Analog and Digital Representation and Analog Interface
				Current Status: *Active* Publication Date: 2012-05-17T07:00:00.000Z

ST 296:2001(m)	SMPTE [10E]	Standard	[Superseded] **Superseding Document(s):** ST 296:2011 *[Superseded]*	Television — 1280 × 720 Progressive Image Sample Structure — Analog and Digital Representation and Analog Interface
				Current Status: *Superseded* Publication Date: 2001-01-04T07:00:00.000Z

ST 298:2009	SMPTE [30MR]	Standard	[Active]	Universal Labels for Unique Identification of Digital Data
				Current Status: *Active* Publication Date: 2009-06-05T07:00:00.000Z

ST 298:2009	SMPTE [30MR]	Standard	[Active]	Universal Labels for Unique Identification of Digital Data
				Current Status: *Active* Publication Date: 2009-06-05T07:00:00.000Z

ST 298:1997(m)	SMPTE [30MR]	Standard	[Superseded] **Superseding Document(s):** ST 298:2009 *[Active]*	Universal Labels for Unique Identification of Digital Data
				Current Status: *Superseded* **Details:** *Cannot locate*

ST 330:2004(m)	SMPTE [30MR]	Standard		[Active]	Unique Material Identifier (UMID)

Current Status: *Active*

Publication Date: 2011_08-23T07:00:00.000Z

ST 330:2004(m)	SMPTE [30MR]	Standard		[Superseded]	Unique Material Identifier (UMID)

Superseding Document(s):
ST 330:2004(m)
[Active]

Current Status: *Superseded*

Publication Date: 2004-02-03T07:00:00.000Z

ST 335:2001	SMPTE [30MR]	Standard		[Superseded]	Television — Metadata Dictionary Structure

Superseding Document(s):
ST 335:2012
[Amended]

Current Status: *Superseded*

Publication Date: 2001-09-18T07:00:00.000Z

ST 335:2012	SMPTE [30MR]	Standard		[Active] [Amended]	Metadata Element Dictionary Structure

Amending Document(s):
ST 335:2012 Am1 2019 *[Active]*

Current Status: *Amended*

Details: *See http://smpte-ra.org/smpte-metadata-registry*

Publication Date: 2012-01-13T07:00:00.000Z

ST 335:2012 Am1 2019	SMPTE [30MR]	Standard		[Active]	Metadata Element Dictionary Structure — Amendment 1

Current Status: *Active*

Publication Date: 2019-01-11T07:00:00.000Z

ST 336:2007	SMPTE [30MR]	Standard	[DCinema] [MXF Core]	[Superseded]	Data Encoding Protocol using Key-Length-Value

Superseding Document(s):
ST 336:2017
[Active]

Current Status: *Superseded*

Publication Date: 2007-08-22T07:00:00.000Z

ST 336:2017	SMPTE [30MR]	Standard	[DCinema] [MXF Core]	[Active]	Data Encoding Protocol using Key-Length-Value

Current Status: *Active*

Publication Date: 2017-08-21T07:00:00.000Z

ST 336:2001(m)	SMPTE [30MR]	Standard	[DCinema] [MXF Core]	[Superseded]	Television - Data Encoding Protocol using Key-Length-Value

Superseding Document(s):
ST 336:2007
[Superseded]

Current Status: *Superseded*

Details: *Cannot locate*

Media Standards Registry

ST 352:2010	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 352:2011 *[Superseded]*	Payload Identification Codes for Serial Digital Interfaces **Current Status: *Superseded*** **Details:** *Cannot locate*
ST 352:2011	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 352:2013 *[Active]*	Payload Identification Codes for Serial Digital Interfaces **Current Status: *Superseded*** Publication Date: 2011_03-30T07:00:00.000Z
ST 352:2013	SMPTE [32NF]	Standard	[Active]	Payload Identification Codes for Serial Digital Interfaces **Current Status: *Active*** Publication Date: 2013-02-05T07:00:00.000Z
ST 352:2002(m)	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 352:2010 *[Superseded]*	Payload Identification Codes for Serial Digital Interfaces **Current Status: *Superseded*** **Details:** *Cannot locate*
ST 372:2009	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 372:2011 *[Superseded]*	Dual Link 1.5 Gb/s Digital Interface for 1920 × 1080 and 2048 × 1080 Picture Formats **Current Status: *Superseded*** **Details:** *Cannot locate*
ST 372:2011	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 372:2017 *[Active]*	Dual Link 1.5 Gb/s Digital Interface for 1920 × 1080 and 2048 × 1080 Picture Formats **Current Status: *Superseded*** Publication Date: 2011-03-10T07:00:00.000Z
ST 372:2017	SMPTE [32NF]	Standard	[Active]	Dual Link 1.5 Gb/s Digital Interface for 1920 × 1080 and 2048 × 1080 Picture Formats **Current Status: *Active*** Publication Date: 2017-11-01T07:00:00.000Z
ST 372:2002(m)	SMPTE [32NF]	Standard	[Superseded] **Superseding Document(s):** ST 372:2009 *[Superseded]*	Dual Link 1.5 Gb/s Digital Interface for 1920 × 1080 and 2048 × 1080 Picture Formats **Current Status: *Superseded*** **Details:** *Cannot locate*

ST 379-1:2011 | SMPTE [31FS] | Standard

[Superseded]

Superseding Document(s):
ST 377-1:2019
[Active]

[Amended]

Amending Document(s):
ST 377-1:2011 Am 1:2012 *[Superseded]*
ST 377-1:2011 Am 2:2012 *[Superseded]*

[Material Exchange Format (MXF) — File Format Specification](#)

Current Status: *Superseded*

Details: *Amended, Superseded*

Publication Date: 2011-07-07T07:00:00.000Z

ST 377-1:2011 Am 1:2012 | SMPTE [31FS] | Standard

[Superseded]

Superseding Document(s):
ST 377-1:2019
[Active]

[Material Exchange Format (MXF) — File Format Specification, Amendment 1](#)

Current Status: *Superseded*

Publication Date: 2012-06-28T07:00:00.000Z

ST 377-1:2011 Am 2:2012 | SMPTE [31FS] | Standard

[Superseded]

Superseding Document(s):
ST 377-1:2019
[Active]

[Material Exchange Format (MXF) — File Format Specification, Amendment 2](#)

Current Status: *Superseded*

Publication Date: 2012-10-07T07:00:00.000Z

ST 377-1:2019 | SMPTE [31FS] | Standard

[Active]

[Material Exchange Format (MXF) — File Format Specification](#)

Current Status: *Active*

Publication Date: 2020-01-28T08:00:00.000Z

ST 377:2004(m) | SMPTE [31FS] | Standard | [DCinema] [MXF Core]

[Superseded]

Superseding Document(s):
ST 377-1:2009
[Superseded]

[Material Exchange Format (MXF) — File Format Specification](#)

Current Status: *Superseded* * *(Future versions are not appropriate for use in D-Cinema)*

Publication Date: 2004-09-22T07:00:00.000Z

Normative References:
ST 298:1997(m)
[Superseded]
ST 336:2001(m)
[Superseded]
RP 210v13:2012
[Active]
RP 224v12:2012
[Active]
IEEE 754:1985
[Superseded]
BS.1196 (1995) Annex 2
[Superseded]
ISO 11578-1:1998 *[Active]*

Bibliographic References:

[ST 125:1995(m)](#)

[Superseded]

[ST 12:1999(m)](#)

[Superseded]

[ST 268:2003(m)](#)

[Superseded]

[ST 274:2003(m)](#)

[Superseded]

[ST 293:2003(m)](#)

[Active]

[ST 296:2001(m)](#)

[Superseded]

[ST 330:2004(m)](#)

[Superseded]

[ST 352:2002(m)](#)

[Superseded]

[RP 187:1995](#)

[Active]

[EG 41:2004](#)

[Withdrawn]

[EG 42:2004](#)

[Superseded]

[AES3-2003](#)

[Superseded]

[ATSC A/52 Annex A](#)

[Superseded]

[ETSI TS 101 154 V1.9.1](#)

[Superseded]

[ISO 8825-1:1998](#)

[Withdrawn]

[ISO 13818-2:2000](#)

[Withdrawn]

[BT.470-6 (11/98)](#)

[Superseded]

[BT.601.5 (10/95)](#)

[Superseded]

[BT.656 (02/98)](#)

[Unknown]

[Advanced Authoring Format](#) *[Active]*

[EBU / SMPTE HSEPMBS — 1998](#) *[Active]*

[SMPTE DCPD JW](#) *[Active]*

| ST 377-1:2009 | SMPTE [31FS] | Standard | | [Superseded] | Material Exchange Format (MXF) — File Format Specification |

Superseding Document(s):
[ST 379-1:2011](#)
[Superseded]

Current Status: *Superseded*

Publication Date: 2010-03-02T07:00:00.000Z

| ST 377-2:2019 | SMPTE [31FS] | Standard | | [Active] | MXF KLV-Encoded Extension Syntax (KXS) |

Current Status: *Active*

Publication Date: 2019-08-16T07:00:00.000Z

| ST 377-4:2012 | SMPTE [31FS] | Standard | [DCinema] [Audio] [MXF Application] | [Active] | MXF Multichannel Audio Labeling Framework |

Current Status: *Active*

Publication Date: 2012-06-28T07:00:00.000Z

Normative References:

[ST 335:2001](#)
[Superseded]

[ST 395:2003](#)
[Superseded]

[ST 336:2007](#)
[Superseded]

[ST 379-1:2011](#)
[Superseded]

[ST 377-1:2011 Am 1:2012](#)
[Superseded]

[]

[ST 382:2007 AM1:2012](#)
[Active]

[ST 400:2004](#)
[Superseded]

[RP 428-4:2010](#)
[Active]

[RFC 5646](#)
[Active]

[RFC 5234 (2008, January)](#)
[Amended]

| ST 379-1:2009 | SMPTE [31FS] | Standard | | [Active] | Material Exchange Format (MXF) — MXF Generic Container |

Current Status: *Active*

Publication Date: 2009-07-21T07:00:00.000Z

| ST 379:2004 | SMPTE [31FS] | Standard | [DCinema] [MXF Core] | [Superseded] | Material Exchange Format (MXF) — MXF Generic Container |

Superseding Document(s):
[ST 379-1:2009](#)
[Active]

Current Status: *Superseded * (Future versions are not appropriate for use in D-Cinema)*

Publication Date: 2004-09-22T07:00:00.000Z

Media Standards Registry

ST 379-2:2010	SMPTE [31FS]	Standard	[DCinema] [MXF Core]	[Active]	Material Exchange Format (MXF) — MXF Constrained Generic Container

Current Status: *Active*

Publication Date: 2010-02-23T08:00:00.000Z

ST 381-2:2018	SMPTE [31FS]	Standard		[Active]	Material Exchange Format (MXF) — Mapping MPEG Streams into the MXF Constrained Generic Container

Current Status: *Active*

Publication Date: 2018-02-16T08:00:00.000Z

ST 382:2007	SMPTE [31FS]	Standard	[DCinema] [Packaging] [Audio] [MXF Application]	[Active] [Amended]	Material Exchange Format — Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container

Amending Document(s):
ST 382:2007 AM1:2012 *[Active]*
ST 382:2007 AM2:2013 *[Active]*

Current Status: *Active*

Publication Date: 2007-07-11T07:00:00.000Z

ST 382:2007 AM1:2012	SMPTE [31FS]	Standard	[DCinema] [Packaging] [Audio] [MXF Application]	[Active]	Material Exchange Format — Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container — Amendment 1

Current Status: *Active*

Publication Date: 2012-06-28T07:00:00.000Z

ST 382:2007 AM2:2013	SMPTE [31FS]	Standard	[DCinema] [Packaging] [Audio] [MXF Application]	[Active]	Material Exchange Format — Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container — Amendment 2

Current Status: *Active*

Publication Date: 2013-06-20T07:00:00.000Z

ST 390:2011	SMPTE [31FS]	Standard	[DCinema] [MXF Core]	[Active] [Reaffirmed]	Material Exchange Format (MXF) — Specialized Operational Pattern "OP-Atom" (Simplified Representation of a Single Item)

Current Status: *Active*

Publication Date: 2011-03-31T07:00:00.000Z
Reaffirmed Date: 2016-09-13T07:00:00.000Z

ST 390:2004(m)	SMPTE [31FS]	Standard	[DCinema] [MXF Core]	[Superseded] Superseding Document(s): ST 390:2011 [Active]	Material Exchange Format (MXF) — Specialized Operational Pattern "OP-Atom" (Simplified Representation of a Single Item) **Current Status: *Superseded*** **Details:** *Cannot locate*
ST 395:2003	SMPTE [30MR]	Standard		[Superseded] Superseding Document(s): ST 395:2014 [Active]	Television — Metadata Groups Registry Structure **Current Status: *Superseded*** Publication Date: 2003-08-28T07:00:00.000Z
ST 395:2014	SMPTE [30MR]	Standard		[Active]	Metadata Groups Register **Current Status: *Active*** Publication Date: 2012-08-01T07:00:00.000Z
ST 400:2004	SMPTE [30MR]	Standard	[DCinema] [MXF Core]	[Superseded] Superseding Document(s): ST 400:2012 [Active]	Television — SMPTE Labels Structure **Current Status: *Superseded*** Publication Date: 2004-02-03T07:00:00.000Z
ST 400:2012	SMPTE [30MR]	Standard	[DCinema] [MXF Core]	[Active]	SMPTE Labels Structure **Current Status: *Active*** Publication Date: 2012-08-27T07:00:00.000Z
ST 410:2008	SMPTE [30MR]	Standard	[DCinema] [MXF Application]	[Active] [Reaffirmed]	Material Exchange Format — Generic Stream Partition **Current Status: *Active*** Publication Date: 2008-07-30T07:00:00.000Z Reaffirmed Date: 2013-07-07T07:00:00.000Z
ST 422:2006(m)	SMPTE [31FS]	Standard	[DCinema] [Packaging] [Image] [MXF Application] [JPEG2000]	[Superseded] Superseding Document(s): ST 422:2013 [Superseded]	Material Exchange Format — Mapping JPEG 2000 Codestreams into the MXF Generic Container **Current Status: *Superseded* *** *(Future versions are not appropriate for use in D-Cinema)* Publication Date: 2006-08-28T07:00:00.000Z

Media Standards Registry

ST 422:2013	SMPTE [31FS]	Standard	**[Superseded]** **Superseding Document(s):** ST 422:2014 *[Superseded]*	[Material Exchange Format — Mapping JPEG 2000 Codestreams into the MXF Generic Container](#) **Current Status:** *Superseded* Publication Date: 2013-12-30T08:00:00.000Z
ST 422:2014	SMPTE [31FS]	Standard	**[Superseded]** **Superseding Document(s):** ST 422:2019 *[Active]*	[Material Exchange Format — Mapping JPEG 2000 Codestreams into the MXF Generic Container](#) **Current Status:** *Superseded* Publication Date: 2014-05-13T07:00:00.000Z
ST 422:2019	SMPTE [31FS]	Standard	**[Active]**	[Material Exchange Format — Mapping JPEG 2000 Codestreams into the MXF Generic Container](#) **Current Status:** *Active* Publication Date: 2020-01-28T08:00:00.000Z
ST 424:2012	SMPTE [32NF]	Standard	**[Active]**	[3 Gb/s Signal/Data Serial Interface](#) **Current Status:** *Active* Publication Date: 2012-10-08T07:00:00.000Z
ST 424:2006(m)	SMPTE [32NF]	Standard	**[Superseded]** **Superseding Document(s):** ST 424:2012 *[Active]*	[Television — 3 Gb/s Signal/Data Serial Interface](#) **Current Status:** *Superseded* Publication Date: 2006-04-05T07:00:00.000Z
ST 425:2008	SMPTE [32NF]	Standard	**[Superseded]** **Superseding Document(s):** ST 425:2011 *[Superseded]*	Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 425:2011	SMPTE [32NF]	Standard	**[Superseded]** **Superseding Document(s):** ST 425:2017 *[Active]* **[Amended]** **Amending Document(s):** ST 425:2011: Am1 2014 *[Superseded]*	[Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface](#) **Current Status:** *Superseded* Publication Date: 2011-03-30T07:00:00.000Z

ST 425:2011: Am1 2014	SMPTE [32NF]	Standard		**[Superseded]** **Superseding Document(s):** ST 425:2017 *[Active]*	[Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface — Amendment 1](#) **Current Status:** *Superseded* Publication Date: 2014-05-13T07:00:00.000Z
ST 425:2014	SMPTE [32NF]	Standard		**[Superseded]** **Superseding Document(s):** ST 425:2017 *[Active]*	[Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface](#) **Current Status:** *Superseded* Publication Date: 2014-05-13T07:00:00.000Z
ST 425:2017	SMPTE [32NF]	Standard		**[Active]**	[Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface](#) **Current Status:** *Active* Publication Date: 2017-11-01T07:00:00.000Z
ST 425:2006(m)	SMPTE [32NF]	Standard		**[Superseded]** **Superseding Document(s):** ST 425:2008 *[Superseded]*	Source Image Format and Ancillary Data Mapping for the 3 Gb/s Serial Interface **Current Status:** *Superseded* **Details:** *Cannot locate*

ST 427:2009	SMPTE [21DC]	Standard	[DCinema] [Operations] [Security] [SDI]	**[Active]** **[Reaffirmed]**	[Link Encryption for 1.5 Gb/s Serial Digital Interface](#)

Current Status: *Active*

Publication Date: 2009-03-11T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Normative References:
ST 291:2006(m)
[Superseded]
ST 292:2008
[Superseded]
ST 372:2009
[Superseded]
ST 425:2008
[Superseded]
FIPS 197
[Active]
FIPS 180-1
[Withdrawn]
RFC 2437
[Superseded]
RFC 3339
[Active]

ST 428-10:2008	SMPTE [21DC]	Standard	[DCinema] [DCDM] [DCP Core] [Distribution] [Captions] [Accessibility] [Subtitles]	[Active]

D-Cinema Distribution Master —Closed Caption and Closed Subtitle

Current Status: *Active*

Publication Date: 2008-12-03T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st428-10/issues

Normative References:

ST 429-8:2007
[Active]

XML
[Superseded]

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

RFC 2396
[Superseded]

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts
Action Items
Dependent on updates to:
st428-7-20XX *[Draft]*

Notes: *References*

ST 428-11:2009	SMPTE [21DC]	Standard	[DCinema] [DCDM] [Distribution]	[Superseded]

Superseding Document(s):
ST 428-11:2013
[Active]

Additional Frame Ratesfor D-Cinema

Current Status: *Superseded*

Publication Date: 2009-07-01T07:00:00.000Z
Superseded Date: 2013-08-27T07:00:00.000Z

Related Documents:
ISO 26428-11:2011 *[Active]*

ISO 26428-11:2011	ISO [TC36]	Standard	[DCinema] [DCDM] [Distribution]	[Active] [Reaffirmed]

Digital cinema (D-cinema) distribution master — Part 11: Additional frame rates

Current Status: *Active*

Publication Date: 2011-12-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 428-11:2009 *[Superseded]*

ST 428-11:2013   SMPTE [21DC]   Standard   [DCinema] [DCDM] [Distribution]   [Active] [Reaffirmed]

Additional Frame Rates for D-Cinema

Current Status: *Active*

Publication Date: 2013-08-27T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st428-11/issues

Work Info
Group: 21DC DG_Doc_Mx

Notes: *Should be updated as per GH issue*

Normative References:
ST 428-1:2006
[Superseded]
ST 428-2:2006
[Active]

Bibliographic References:
ST 428-9:2008
[Active]
ST 428-10:2008 *[Active]*
ST 428-19:2010 *[Active]*
ST 429-2:2011
[Superseded]
ST 429-2:2011 Am1:2013
[Superseded]
ST 429-4:2006
[Superseded]
ST 429-10:2008 *[Active]*
ST 429-13:2009 *[Active]*
SGR DC28 Stereography 2005 *[Unknown]*
SGR DC28 AFR 072007
[Unknown]
SGR 21DC HFR 112011
[Unknown]

ST 428-12:2013   SMPTE [21DC]   Standard   [DCinema] [DCDM] [DCP Core] [Distribution] [Sound]   [Active] [Reaffirmed]

D-Cinema Distribution Master Common Audio Channels and Soundfield Groups

Current Status: *Active*

Publication Date: 2013-02-26T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st428-12/issues

Normative References:
ST 400:2012
[Active]

| ST 428-19:2010 | SMPTE [21DC] | Standard | [DCinema] [DCDM] [Distribution] [SDI] | [Active] [Reaffirmed] | [D-Cinema Distribution Master —Additional Frame RatesLevel AFR2 and Level AFR4 —Serial Digital Interface Signal Formatting](#) |

Current Status: *Active*

Publication Date: 2010-08-09T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
[ISO 26428-19:2011](#) *[Active]*

Normative References:
[ST 428-1:2006](#)
[Superseded]
[ST 428-11:2009](#)
[Superseded]

Bibliographic References:
[ST 292:2008](#)
[Superseded]
[ST 372:2009](#)
[Superseded]
[ST 424:2006(m)](#)
[Superseded]
[ST 425:2008](#)
[Superseded]

| ISO 26428-19:2011 | ISO [TC36] | Standard | [DCinema] [DCDM] [Distribution] [SDI] | [Active] [Reaffirmed] | [Digital cinema (D-cinema) distribution master — Part 19: Serial digital interface signal formatting for additional frame rates level AFR2 and level AFR4](#) |

Current Status: *Active*

Publication Date: 2011-12-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
[ST 428-19:2010](#) *[Active]*

Normative References:
[ST 428-1:2006](#)
[Superseded]
[ST 428-11:2009](#)
[Superseded]

| ST 428-1:2006 | SMPTE [21DC] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Image] | [Superseded] | [D-Cinema Distribution Master (DCDM) - Image Characteristics](#) |

[Superseded]
Superseding Document(s):
[ST 428-1:2019](#)
[Active]

[Reaffirmed]

Current Status: *Superseded*

Publication Date: 2006-09-29T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
Superseded Date: 2019-02-12T08:00:00.000Z

Related Documents:
[ISO 26431-1:2008](#) *[Active]*

Normative References:
[CIE 015:2004](#)
[Superseded]
[ST 431-1:2006](#)
[Active]

Media Standards Registry

ISO 26428-1:2008   ISO [TC36]   Standard

[DCinema]
[DCDM]
[DCP Core]
[Distribution]
[Image]

[Active]

[Digital cinema (D-cinema) distribution master — Part 1: Image characteristics](#)

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
[ST 428-1:2006](#) *[Superseded]*

Normative References:
[CIE 015:2004](#)
[Superseded]
[ST 431-1:2006](#)
[Active]

ST 428-1:2019   SMPTE [21DC]   Standard

[DCinema]
[DCDM]
[DCP Core]
[Distribution]
[Image]

[Active]

[D-Cinema Distribution Master — Image Characteristics](#)

Current Status: *Active*

Publication Date: 2019-03-07T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st428-1/issues

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 1 Year
Review Date: 2019-11-15T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Harold Hallikainen

Notes: *See GitHub for comment responses*
Other Requested Work: *ISO TC 36 comments - https://kws.smpte.org/higherlogic/ws/groups/db60330e-84de-4faf-a59d-f8a29e10ce07/documents/201912xx8335/document?document_id=51993; ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Related Documents:
[ISO CD 26428-1](#) *[Draft]*

Normative References:
[CIE 015:2004](#)
[Superseded]
[ST 431-1:2006](#)
[Active]

Bibliographic References:
[RP 431-2:2011](#)
[Active]
[EG 432-1:2010](#)
[Active]

ISO CD 26428-1   ISO [TC36]   Standard

[DCinema]
[DCDM]
[DCP Core]
[Distribution]
[Image]

[Draft]

[Digital cinema (D-cinema) distribution master — Part 1: Image characteristics](#)

Current Status: *Draft*

Work Info
Group: TC36 WG2

Related Documents:
[ST 428-1:2019](#) *[Active]*

ST 428-21:2011   SMPTE [21DC]   Standard

[DCinema]
[DCDM]
[Distribution]
[Archive]

[Active]
[Reaffirmed]

[Archive Frame Rates for D-Cinema](#)

Current Status: *Active*

Publication Date: 2011-02-22T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Normative References:
[ST 428-1:2006](#)
[Superseded]
[ST 428-2:2006](#)
[Active]

Bibliographic References:
[ST 428-11:2009](#)
[Superseded]
[ST 429-2:2009](#)
[Superseded]
[ST 429-4:2006](#)
[Superseded]
[ST 429-13:2009](#) *[Active]*
[SGR DC28 AFR 072007](#)
[Unknown]

ST 428-2:2006   SMPTE [21DC]   Standard

[DCinema]
[DCDM]
[DCP Core]
[Distribution]
[Sound]

[Active]
[Reaffirmed]

[D-Cinema Distribution Master - Audio Characteristics](#)

Current Status: *Active*

Publication Date: 2006-08-16T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
GitHub:
[https://github.com/SMPTE/st428-2/issues](#)

Work Info
Group: [21DC DG_Doc_Mx](#)

Notes: *Revise at next review (2023) - See GitHub for comment responses*
Other Requested Work: *ISO TC 36 comments - https://kws.smpte.org/higherlogic/ws/groups/db60330e-84de-4faf-a59d-f8a29e10ce07/documents/201912xx8335/document?document_id=51993*

Related Documents:
[ISO 26428-2:2008](#) *[Active]*

Normative References:
[AES3-2003](#)
[Superseded]

Bibliographic References:
[AES5-2003](#)
[Superseded]
[AES11-2003](#)
[Superseded]
[AES-R2-2004 (s2012)](#) *[Active]*

ST 428-21:2011   SMPTE [21DC]   Standard

[DCinema]
[DCDM]
[Distribution]
[Archive]

[Active]
[Reaffirmed]

| ISO 26428-2:2008 | ISO [TC36] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Sound] | [Active] [Reaffirmed] | Digital cinema (D-cinema) distribution master — Part 3: Audio channel mapping and channel labeling |

Current Status: *Active*

Publication Date: 2008-07-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Normative References:
AES3-2003
[Superseded]

Work Info
Group: TC36 WG3
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 428-2:2006 *[Active]*

| ST 428-3:2006 | SMPTE [21DC] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Sound] | [Withdrawn] | D-Cinema Distribution Master Audio Channel Mapping and Channel Labeling |

Current Status: *Withdrawn*

Publication Date: 2006-09-29T07:00:00.000Z
Withdrawn Date: 2017-09-28T07:00:00.000Z

Related Documents:
ISO 26428-3:2008 *[Active]*

| ISO 26428-3:2008 | ISO [TC36] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Sound] | [Active] [Reaffirmed] | Digital cinema (D-cinema) distribution master — Part 3: Audio channel mapping and channel labeling |

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Normative References:
AES3-2003
[Superseded]

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Withdraw

Related Documents:
ST 428-3:2006 *[Withdrawn]*

| ST 428-7:2007 | SMPTE [21DC] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Subtitles] | [Superseded] | Digital CinemaDistribution Master —Subtitle |

Superseding Document(s):
ST 428-7:2010
[Superseded]

Current Status: *Superseded*

Publication Date: 2007-04-12T07:00:00.000Z
Superseded Date: 2010-12-15T08:00:00.000Z

ST 428-7:2010	SMPTE [21DC]	Standard	[DCinema] [DCDM] [DCP Core] [Distribution] [Subtitles]	[Superseded] Superseding Document(s): ST 428-7:2014 *[Active]*	Digital Cinema Distribution Master — Subtitle

Current Status: *Superseded*

Publication Date: 2010-12-15T08:00:00.000Z
Superseded Date: 2014-02-11T08:00:00.000Z

ST 428-7:2014	SMPTE [21DC]	Standard	[DCinema] [DCDM] [DCP Core] [Distribution] [Subtitles]	[Active]	Digital Cinema Distribution Master – Subtitle

Current Status: *Active*

Publication Date: 2014-02-11T08:00:00.000Z

Normative References:
XML *[Superseded]*
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2396 *[Superseded]*
RFC 4122 *[Active]*
ISO 15948:2004 *[Active]*
ISO 14496-22:2009 *[Withdrawn]*
ISO 10646-1:2000 *[Withdrawn]*
Unicode 6.1.0 Annex #9 *[Superseded]*

ST 428-7:20XX	SMPTE [21DC]	Standard	[DCinema] [DCDM] [DCP Core] [Distribution] [Subtitles]	[Draft]	Digital Cinema Distribution Master – Subtitle

Current Status: *Draft*

Details: *Drafting WD*

Work Info
Group: 21DC DG_Sub_AdHoc
TC Approved: Yes
Project Link

Normative References:
XML *[Superseded]*
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2396 *[Superseded]*
RFC 4122 *[Active]*
ISO 15948:2004 *[Active]*
ISO 14496-22:2009 *[Withdrawn]*
ISO 10646-1:2000 *[Withdrawn]*
Unicode 6.1.0 Annex #9 *[Superseded]*

ST 428-9:2008   SMPTE [21DC]   Standard   [DCinema]   [Active]   [D-Cinema Distribution Master - Image Pixel Structure Level 3 - Serial Digital Interface Signal Formatting](#)

[DCDM]   [Reaffirmed]

[Distribution]

[Image]

[SDI]

Current Status: *Active*

Publication Date: 2008-02-14T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
[ISO 26428-9:2009](#) *[Active]*

Normative References:
[ST 291:2006(m)](#)
[Superseded]
[ST 428-1:2006](#)
[Superseded]

Bibliographic References:
[ST 292:2008](#)
[Superseded]
[ST 372:2002(m)](#)
[Superseded]
[ST 424:2006(m)](#)
[Superseded]
[ST 425:2006(m)](#)
[Superseded]

ISO 26428-9:2009   ISO [TC36]   Standard   [DCinema]   [Active]   [Digital cinema (D-cinema) distribution master — Part 9: Image pixel structure level 3 — Serial digital interface signal formatting](#)

[DCDM]   [Reaffirmed]

[Distribution]

[Image]

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG4
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
[ST 428-9:2008](#) *[Active]*

Normative References:
[ST 291:2006(m)](#)
[Superseded]
[ST 428-1:2006](#)
[Superseded]

ST 429-10:2008   SMPTE [21DC]   Standard

[DCinema]
[DCP Core]
[Distribution]
[Image]
[Packaging]

[Active]

[D-Cinema Packaging - Stereoscopic Picture Track File](#)

Current Status: *Active*

Publication Date: 2008-02-15T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-10/issues

<u>Work Info</u>
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts
Action Items
Dependent on updates to:
st429-7-2006 *[Active]*

Notes: *References*

Related Documents:
ISO 26429-10:2009 *[Active]*

Normative References:

ST 298:1997(m)
[Superseded]

ST 377:2004(m)
*[Superseded *]*

ST 429-3:2006
[Superseded]

ST 429-7:2006
[Active]

RP 210v13:2012
[Active]

XML
[Superseded]

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

RFC 2396
[Superseded]

RFC 4122
[Active]

Bibliographic References:

ST 336:2007
[Superseded]

ST 422:2006(m)
*[Superseded *]*

ST 429-4:2006
[Superseded]

EG 41:2004
[Withdrawn]

EG 42:2004
[Superseded]

ISO 26429-10:2009   ISO [TC36]   Standard

[DCinema]
[DCP Core]
[Distribution]
[Image]
[Packaging]

[Active]

Digital cinema (D-cinema) packaging — Part 10: Stereoscopic picture track file

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
TC Approved: Yes

Related Documents:
ST 429-10:2008 *[Active]*

Normative References:
ST 298:1997(m)
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 429-3:2006
[Superseded]
ST 429-7:2006
[Active]
RP 210v13:2012
[Active]
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2396
[Superseded]
RFC 4122
[Active]

ST 429-12:2008   SMPTE [21DC]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Subtitles]
[Captions]
[Accessibility]
[MXF Application]

[Active]

D-Cinema Packaging — Caption and Closed Subtitle

Current Status: *Active*

Publication Date: 2008-12-03T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-12/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts
Action Items
Dependent on updates to:
st429-7-2006 *[Active]*

Notes: *References*

Normative References:
ST 429-8:2007
[Active]
ST 428-10:2008 *[Active]*
ST 429-7:2006
[Active]
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2396
[Superseded]

ISO 26429-10:2009   ISO [TC36]   Standard

[DCinema]
[DCP Core]
[Distribution]
[Image]
[Packaging]

ST 429-13:2009 SMPTE [21DC] Standard [DCinema] [Packaging] [Distribution] `[ Active ]` `[ Reaffirmed ]` [D-Cinema Packaging —DCP Operational Constraints for Additional Frame Rates](#)

Current Status: *Active*

Publication Date: 2009-11-19T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Work Info
Group: [21DC DG_Doc_Mx](#)

Notes: *Need to update based on any updates made to 428-11*

Normative References:
[ST 428-11:2009](#)
[Superseded]
[ST 429-2:2009](#)
[Superseded]

ST 429-14:2014 SMPTE [21DC] Standard [DCinema] [Packaging] [DCP Core] [Aux Data] [MXF Application] `[ Active ]` [D-Cinema Packaging — Aux Data Track File](#)

Current Status: *Active*

Publication Date: 2014-05-13T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-14/issues

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: ?
[Action Items](#)

Notes: *Schema, discussion started in GitHub*

Normative References:
[ST 377:2004(m)](#)
*[Superseded *]*
[ST 379:2004](#)
*[Superseded *]*
[ST 400:2012](#)
[Active]
[ST 429-3:2007](#)
[Active]
[ST 429-7:2006](#)
[Active]
[ST 2029:2009](#)
[Active]
[XML](#)
[Superseded]
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[RFC 2396](#)
[Superseded]

Bibliographic References:
[ST 298:2009](#)
[Active]
[ST 336:2007](#)
[Superseded]

ST 429-16:2014   SMPTE [21DC]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Distribution]
[Metadata]

[Active]

[Additional Composition Metadata and Guidelines](#)

Current Status: *Active*

Publication Date: 2014-09-26T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-16/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts / Steve LLamb
Action Items

Notes: *References, and additional work requests*

Normative References:
ST 428-12:2013 *[Active]*
ST 429-7:2006 *[Active]*
ST 429-10:2008 *[Active]*
ST 429-12:2008 *[Active]*
RFC 5234 (2008, January) *[Amended]*
RFC 5646 *[Active]*
XML XPL *[Superseded]*
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*

Bibliographic References:
ISO 3166-1:2006 *[Withdrawn]*
UN SCAC R4 *[Active]*
ISDCF Doc 01 *[Active]*
IANA LSR *[Active]*
RFC 4647 *[Active]*
CMR - Movielabs *[Active]*

ST 429-17:2017   SMPTE [21DC]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Distribution]
[XML]

[Active]

[XML Constraints](#)

Current Status: *Active*

Publication Date: 2017-12-27T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-17/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby
Action Items

Notes: *Norm Ref*

Normative References:
XML *[Superseded]*
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
ISO 10646-1:2000 *[Withdrawn]*

ST 429-18:2019 SMPTE [21DC] Standard

[DCinema]
[Packaging]
[Immersive Audio]
[Sound]
[MXF Application]

[Active]
[Reaffirmed]

[D-Cinema Packaging - Immersive Audio Track File](#)

Current Status: *Active*

Publication Date: 2019-06-25T07:00:00.000Z
Reaffirmed Date: 2020-06-03T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-18/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2020-03-12T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes

Normative References:
ST 377:2004(m)
*[Superseded *]*
ST 379:2004
*[Superseded *]*
ST 400:2012
[Active]
ST 429-3:2007
[Active]
ST 429-7:2006
[Active]
ST 2029:2009
[Active]
ST 2098-2:2019 *[Active]*
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2396
[Superseded]

ST 429-19:2019 SMPTE [21DC] Standard

[DCinema]
[Packaging]
[Distribution]
[Immersive Audio]
[Metadata]

[Active]

[D-Cinema Packaging — DCP Operational Constraints for Immersive Audio](#)

Current Status: *Active*

Publication Date: 2019-06-25T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-19/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2020-03-12T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes

Notes: *References*

Normative References:
ST 429-2:2019
[Active]
ST 429-7:2006
[Active]
ST 429-18:2019 *[Active]*
ST 2098-2:2019 *[Active]*
ST 429-16:2014 *[Active]*
ST 430-12:2014 Am1:2019
[Active]

ST 429-2:2009 SMPTE [21DC] Standard

[DCinema]
[Packaging]
[DCP Core]
[Distribution]

[Superseded]

Superseding Document(s):
ST 429-2:2011
[Superseded]

[D-Cinema Packaging — DCP Operational Constraints](#)

Current Status: *Superseded*

Publication Date: 2009-03-11T07:00:00.000Z
Superseded Date: 2011-09-23T07:00:00.000Z

| ST 429-2:2011 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | **[Superseded]**
Superseding Document(s):
ST 429-2:2013
[Superseded]

[Amended]
Amending Document(s):
ST 429-2:2011 Am1:2013
[Superseded] | **D-Cinema Packaging — DCP Operational Constraints**

Current Status: *Superseded*
Details: *Amended, Superseded*
Publication Date: 2011-09-23T07:00:00.000Z
Superseded Date: 2013-09-28T07:00:00.000Z |

| ST 429-2:2011 Am1:2013 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | **[Superseded]**
Superseding Document(s):
ST 429-2:2013
[Superseded] | **D-Cinema Packaging — DCP Operational Constraints — Amendment 1**

Current Status: *Superseded*
Details: *Rolled up*
Publication Date: 2013-01-16T08:00:00.000Z
Superseded Date: 2013-09-28T07:00:00.000Z |

| ST 429-2:2013 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | **[Superseded]**
Superseding Document(s):
ST 429-2:2019
[Active]

[Amended]
Amending Document(s):
ST 429-2:2013 Am 1:2018 *[Superseded]* | **D-Cinema Packaging — DCP Operational Constraints**

Current Status: *Superseded*
Publication Date: 2013-09-28T07:00:00.000Z
GitHub: https://github.com/SMPTE/st429-2/issues | **Normative References:**
ST 379-1:2011 *[Superseded]*
ST 377-4:2012 *[Active]*
ST 382:2007 *[Active]*
ST 400:2012 *[Active]*
ST 422:2006(m) *[Superseded *]*
ST 428-1:2006 *[Superseded]*
ST 428-2:2006 *[Active]*
ST 428-7:2010 *[Superseded]*
ST 428-10:2008 *[Active]*
ST 428-12:2013 *[Active]*
ST 429-3:2007 *[Active]*
ST 429-4:2006 *[Superseded]*
ST 429-5:2009 *[Superseded]*
ST 429-6:2006 *[Amended]*
ST 429-7:2006 *[Active]*
ST 429-8:2007 *[Active]*
ST 429-10:2008 *[Active]*
ST 429- |

12:2008 *[Active]*

ST 430-2:2006

[Superseded]

ST 2029:2009

[Active]

ISO 10646:2003

[Withdrawn]

ISO 15444-1:2004(en)

[Superseded]

ISO 15444-1:2004 Amd 1:2006(en)

[Superseded]

ISO 15948:2004

[Active]

IEC 61966-2-1:1999

[Amended]

RFC 4246

[Active]

RFC 4122

[Active]

Bibliographic References:

ST 336:2007

[Superseded]

RP 224v12:2012

[Active]

ST 428-11:2013 *[Active]*

ST 429-13:2009 *[Active]*

XML

[Superseded]

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

RFC 2046

[Amended]

| ST 429-2:2013 Am 1:2018 | SMPTE [21DC] | Standard | `[DCinema]` `[Packaging]` `[DCP Core]` `[Distribution]` | **[Superseded]**

Superseding Document(s):
ST 429-2:2019
[Active] | [D-Cinema Packaging – DCP Operational Constraints](#)

Current Status: *Superseded*
Publication Date: 2019-01-25T08:00:00.000Z

Work Info
Group: 21DC AFR Project Link

Notes: *Pushed back to FCD - as ST 429-2:2019 Am 1:2020 - fix references and merge into 2020* | **Normative References:**
ST 379-1:2011
[Superseded]
ST 377-4:2012
[Active]
ST 382:2007
[Active]
ST 400:2012
[Active]
ST 422:2006(m)
*[Superseded *]*
[]
ST 428-2:2006
[Active]
ST 428-7:2010
[Superseded] |

ST 428-10:2008 *[Active]*

ST 428-12:2013 *[Active]*

ST 429-3:2007 *[Active]*

[]

ST 429-5:2009 *[Superseded]*

ST 429-6:2006 *[Amended]*

ST 429-7:2006 *[Active]*

ST 429-8:2007 *[Active]*

ST 429-10:2008 *[Active]*

ST 429-12:2008 *[Active]*

ST 430-2:2006 *[Superseded]*

ST 2029:2009 *[Active]*

ISO 10646:2003 *[Withdrawn]*

ISO 15444-1:2016(en) *[Superseded]*

ISO 15948:2004 *[Active]*

IEC 61966-2-1:1999 *[Amended]*

RFC 4246 *[Active]*

RFC 4122 *[Active]*

Bibliographic References:

ST 336:2007 *[Superseded]*

RP 224v12:2012 *[Active]*

XML *[Superseded]*

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

RFC 2046 *[Amended]*

ST 429-2:2019 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | [Active]

D-Cinema Packaging — DCP Operational Constraints

Current Status: *Active*

Details: *To be updated, incorporating 2018 Amendment for new 2020 version*

Publication Date: 2020-05-12T07:00:00.000Z

Normative References:

ST 377:2004(m) *[Superseded *]*

ST 377-4:2012 *[Active]*

ST 382:2007

Work Info

Group: [21DC DG_Doc_Mx Project Link](#)

[Active]

[ST 400:2012](#)

[Active]

[ST 422:2006(m)](#)

[Superseded *]

[ST 428-1:2006](#)

[Superseded]

[ST 428-2:2006](#)

[Active]

[ST 428-7:2014](#)

[Active]

[ST 428-10:2008](#) [Active]

[ST 428-12:2013](#) [Active]

[ST 429-3:2007](#)

[Active]

[ST 429-4:2006](#)

[Superseded]

[ST 429-5:2017](#)

[Active]

[ST 429-6:2006](#)

[Amended]

[ST 429-7:2006](#)

[Active]

[ST 429-8:2007](#)

[Active]

[ST 429-10:2008](#) [Active]

[ST 429-12:2008](#) [Active]

[ST 429-16:2014](#) [Active]

[ST 430-2:2006](#)

[Superseded]

[ST 2029:2009](#)

[Active]

[ST 429-17:2017](#) [Active]

[ISO 10646:2003](#)

[Withdrawn]

[ISO 15444-1:2004(en)](#)

[Superseded]

[ISO 15444-1:2004 Amd 1:2006(en)](#)

[Superseded]

[ISO 15948:2004](#)

[Active]

[IEC 61966-2-1:1999](#)

[Amended]

[RFC 7302](#)

[Superseded]

[RFC 4246](#)

[Active]

[RFC 4122](#)

[Active]

Bibliographic References:

[ST 336:2007](#)

[Superseded]

RP 224v12:2012 [Active]

ST 428-11:2013 [Active]

ST 429-13:2009 [Active]

XML

[Superseded]

XML SCHEMA 1 [Active]

XML SCHEMA 2 [Active]

RFC 2046

[Amended]

| ST 429-2:2019 Am 1:2020 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | [Draft] | D-Cinema Packaging – DCP Operational Constraints |

Current Status: *Draft*

Work Info
Group: 21DC DG_Doc_Mx
Assigned to: TC Chairs
Action Items
Project Link

Notes: *429-2:2013 Am1:2018 back to FCD - as this doc - fix references and will be rolled into 2019 before publication to create 2020 version*

Normative References:

ST 377:2004(m) [Superseded *]

ST 377-4:2012 [Active]

ST 382:2007 [Active]

ST 400:2012 [Active]

ST 422:2006(m) [Superseded *]

ST 428-1:2019 [Active]

ST 428-2:2006 [Active]

ST 428-7:2014 [Active]

ST 428-10:2008 [Active]

ST 428-12:2013 [Active]

ST 429-3:2007 [Active]

ST 429-4:2020 [Active]

ST 429-5:2017 [Active]

ST 429-6:2006 [Amended]

ST 429-6:2006 Am1:2018 [Active]

ST 429-7:2006 [Active]

ST 429-8:2007 [Active]

ST 429-10:2008 [Active]

ST 429-12:2008 [Active]

ST 429-16:2014 [Active]

ST 430-2:2017 [Active]

ST 2029:2009

[Active]
ST 429-17:2017 *[Active]*
ISO 10646:2017
[Amended]
ISO 15444-1:2019(en)
[Active]
ISO 15948:2004
[Active]
IEC 61966-2-1:1999
[Amended]
RFC 7972
[Active]
RFC 4246
[Active]
RFC 4122
[Active]

Bibliographic References:
RP 224v12:2012
[Active]

ST 429-2:2020	SMPTE [21DC]	Standard	[DCinema] [Packaging] [DCP Core] [Distribution]	[Draft]

D-Cinema Packaging — DCP Operational Constraints

Current Status: *Draft*

Details: *AI in Progress*

> **Work Info**
> Group: 21DC DG_Doc_Mx
> Assigned to: TC Chairs
> Action Items

Normative References:
ST 377:2004(m)
*[Superseded *]*
ST 377-4:2012
[Active]
ST 382:2007
[Active]
ST 400:2012
[Active]
ST 422:2006(m)
*[Superseded *]*
ST 428-1:2019
[Active]
ST 428-2:2006
[Active]
ST 428-7:2014
[Active]
ST 428-10:2008 *[Active]*
ST 428-12:2013 *[Active]*
ST 429-3:2007
[Active]
ST 429-4:2020
[Active]
ST 429-5:2017
[Active]
ST 429-6:2006
[Amended]
ST 429-6:2006 Am1:2018
[Active]
ST 429-7:2006

[Active]

[ST 429-8:2007](#)

[Active]

[ST 429-10:2008](#) *[Active]*

[ST 429-12:2008](#) *[Active]*

[ST 429-16:2014](#) *[Active]*

[ST 430-2:2017](#)

[Active]

[ST 2029:2009](#)

[Active]

[ST 429-17:2017](#) *[Active]*

[ISO 10646:2017](#)

[Amended]

[ISO 15444-1:2019(en)](#)

[Active]

[ISO 15948:2004](#)

[Active]

[IEC 61966-2-1:1999](#)

[Amended]

[RFC 7972](#)

[Active]

[RFC 4246](#)

[Active]

[RFC 4122](#)

[Active]

Bibliographic References:

[RP 224v12:2012](#)

[Active]

ST 429-3:2006	SMPTE [21DC]	Standard	[DCinema] [Packaging] [DCP Core] [Image] [Sound] [MXF Application] [JPEG2000]	**[Superseded]** **Superseding Document(s):** [ST 429-3:2007](#) *[Active]*	D-Cinema Packaging - Sound and Picture Track File

Current Status: *Superseded*

Details: *Unable to find*

Publication Date: 2006-08-03T07:00:00.000Z

ST 429-3:2007   SMPTE [21DC]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Image]
[Sound]
[MXF Application]
[JPEG2000]

[Active]
[Reaffirmed]

D-Cinema Packaging - Sound and Picture Track File

Current Status: *Active*

Publication Date: 2007-08-14T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
ISO 26429-3:2008 *[Active]*

Normative References:
ST 330:2004(m)
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 390:2004(m)
[Superseded]
RP 224v12:2012
[Active]
RFC 2046
[Amended]

Bibliographic References:
ST 336:2007
[Superseded]
EG 41:2004
[Withdrawn]
EG 42:2004
[Superseded]
RFC 4539
[Active]

ISO 26429-3:2008   ISO [TC36]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Image]
[Sound]
[MXF Application]
[JPEG2000]

[Active]
[Reaffirmed]

Digital cinema (D-cinema) packaging — Part 3: Sound and picture track file

Current Status: *Active*

Publication Date: 2008-07-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 429-3:2007 *[Active]*

Normative References:
ST 330:2004(m)
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 390:2004(m)
[Superseded]
RP 224v12:2012
[Active]
RFC 2046
[Amended]

Media Standards Registry

| ST 429-4:2006 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Image] [MXF Application] [JPEG2000] | [Superseded] | D-Cinema Packaging - MXF JPEG 2000 Application | |

[Superseded]

Superseding Document(s):
ST 429-4:2020
[Active]

[Reaffirmed]

D-Cinema Packaging - MXF JPEG 2000 Application

Current Status: *Superseded*

Publication Date: 2006-10-03T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
ISO 26429-4:2008 *[Active]*

Normative References:
ST 377:2004(m)
*[Superseded *]*
ST 422:2006(m)
*[Superseded *]*
ST 428-1:2006
[Superseded]
ST 429-3:2006
[Superseded]
ISO 15444-1:2004(en)
[Superseded]
ISO 15444-1:2004 Amd 1:2006(en)
[Superseded]

| ISO 26429-4:2008 | ISO [TC36] | Standard | [DCinema] [Packaging] [DCP Core] [Image] [MXF Application] [JPEG2000] | [Active] [Reaffirmed] | Digital cinema (D-cinema) packaging — Part 4: MXF JPEG 2000 application | |

Digital cinema (D-cinema) packaging — Part 4: MXF JPEG 2000 application

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2018-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 429-4:2006 *[Superseded]*

Normative References:
ST 377:2004(m)
*[Superseded *]*
ST 422:2006(m)
*[Superseded *]*
ST 428-1:2006
[Superseded]
ST 429-3:2006
[Superseded]
ISO 15444-1:2004(en)
[Superseded]
ISO 15444-1:2004 Amd 1:2006(en)
[Superseded]

ST 429-4:2020   SMPTE [21DC]   Standard   [DCinema]
[Packaging]
[DCP Core]
[Image]
[MXF Application]
[JPEG2000]   [Active]   [D-Cinema Packaging - MXF JPEG 2000 Application](#)

Current Status: *Active*

Publication Date: 2020-03-23T07:00:00.000Z

Work Info
Group: [21DC DG_AFR](#)
TC Approved: Yes
[Project Link](#)

Notes: *AFR DG*

Normative References:
[ST 377:2004(m)](#)
*[Superseded *]*
[ST 422:2006(m)](#)
*[Superseded *]*
[ST 428-1:2019](#)
[Active]
[ST 429-3:2007](#)
[Active]
[ISO 15444-1:2016(en)](#)
[Superseded]

Bibliographic References:
[ST 298:2009](#)
[Active]
[ST 422:2006(m)](#)
*[Superseded *]*
[ST 429-7:2006](#)
[Active]
[ST 429-8:2007](#)
[Active]
[RP 224v12:2012](#)
[Active]
[ISO 646:1991](#)
[Active]

ST 429-5:2009   SMPTE [21DC]   Standard   [DCinema]
[Packaging]
[DCP Core]
[Subtitles]
[Captions]
[Accessibility]
[MXF Application]   [Superseded]

Superseding Document(s):
[ST 429-5:2017](#)
[Active]   [D-Cinema Packaging — Timed Text Track File](#)

Current Status: *Superseded*

Publication Date: 2009-03-09T07:00:00.000Z
Superseded Date: 2017-12-27T08:00:00.000Z

ST 429-5:2017   SMPTE   Standard   [DCinema]   [Active]   [D-Cinema Packaging — Timed Text Track File](#)
                 [21DC]   [Packaging]   [Reaffirmed]

Current Status: *Active*

Publication Date: 2017-12-27T08:00:00.000Z
Reaffirmed Date: 2019-11-13T08:00:00.000Z

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 1 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes

Notes: *update at 5 year*

Normative References:

[ST 377:2004(m)](#)
*[Superseded *]*

[ST 377-1:2011 Am 1:2012](#)
[Superseded]

[ST 379:2004](#)
*[Superseded *]*

[ST 379-1:2009](#)
[Active]

[ST 379-2:2010](#)
[Active]

[ST 410:2008](#)
[Active]

[ST 429-3:2007](#)
[Active]

[ST 429-6:2006](#)
[Amended]

[RFC 2045](#)
[Active]

[RFC 2396](#)
[Superseded]

[RFC 4122](#)
[Active]

[ISO 10646:2014](#)
[Withdrawn]

Bibliographic References:

[ST 336:2007](#)
[Superseded]

[ST 428-7:2014](#)
[Active]

[RP 210v13:2012](#)
[Active]

[RP 224v12:2012](#)
[Active]

ST 429-6:2006   SMPTE [21DC]   Standard

[DCinema]
[Packaging]
[DCP Core]
[Security]
[MXF Application]

[Active]
[Amended]

Amending Document(s):
ST 429-6:2006 Am1:2018 *[Active]*

Related Documents:
ISO 26429-6:2008 *[Active]*

D-Cinema Packaging - MXF Track File Essence Encryption

Current Status: *Amended*

Publication Date: 2006-10-03T07:00:00.000Z

Normative References:
ST 336:2001(m)
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 429-3:2006
[Superseded]
IETF 2898
[Active]
IETF 2104
[Amended]
NIST SP 800-38A *[Amended]*
FIPS 197
[Active]
FIPS PUB 186-2 *[Withdrawn]*

Bibliographic References:
ST 298:1997(m)
[Superseded]
ST 390:2004(m)
[Superseded]
RP 205:2000
[Superseded]
RP 210v13:2012
[Active]
RP 224v12:2012
[Active]
EG 41:2004
[Withdrawn]
EG 42:2004
[Superseded]
ISO 14496-10:2005
[Withdrawn]
Applied Cryptography (2nd Ed) *[Active]*

ISO 26429-6:2008   ISO [TC36]   Standard

[DCinema]

[Packaging]

[DCP Core]

[Security]

[MXF

Application]

[Active]

[Reaffirmed]

Digital cinema (D-cinema) packaging — Part 6: MXF track file essence encryption

Current Status: *Active*

Details: *Forward incorrectly references wrong SMPTE doc year '(as SMPTE 429-6-2007)'. This version doesn't exist - should be '2006'*

Publication Date: 2008-07-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
Assigned to: Steve LLamb

Notes: *ISO TC36 - Resolution 8 (Los Angeles, CA): 2019, Request for the Initiation of an Amendment to ISO 26429-6:2008, Digital cinema (D-cinema) operations – Part 6: MXF track file essence encryption*

Related Documents:
ST 429-6:2006 *[Amended]*

Normative References:

ST 336:2001(m)

[Superseded]

ST 377:2004(m)

*[Superseded *]*

ST 429-3:2006

[Superseded]

IETF 2898

[Active]

IETF 2104

[Amended]

NIST SP 800-38A *[Amended]*

FIPS 197

[Active]

FIPS PUB 186-2 *[Withdrawn]*

ST 429-6:2006
Am1:2018

SMPTE
[21DC]

Standard

[DCinema]

[Packaging]

[DCP Core]

[Security]

[MXF
Application]

[Active]

[Reaffirmed]

D-Cinema Packaging – MXF Track File Essence Encryption

Current Status: *Active*

Publication Date: 2018-02-16T08:00:00.000Z
Reaffirmed Date: 2019-11-13T08:00:00.000Z

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes

Notes: *Update at 5 year*

Normative References:
ST 336:2001(m)
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 377-1:2011 Am 1:2012
[Superseded]
IETF 2898
[Active]
IETF 2104
[Amended]
NIST SP 800-38A *[Amended]*
FIPS 197
[Active]
FIPS PUB 186-2 *[Withdrawn]*

Bibliographic References:
ST 298:1997(m)
[Superseded]
ST 390:2004(m)
[Superseded]
RP 205:2000
[Superseded]
RP 210v13:2012
[Active]
RP 224v12:2012
[Active]
EG 41:2004
[Withdrawn]
EG 42:2004
[Superseded]
ISO 14496-10:2005
[Withdrawn]
Applied Cryptography (2nd Ed) *[Active]*
ST 2067-5:2013
[Superseded]
ST 379:2004
*[Superseded *]*
ST 379-1:2009
[Active]

ST 429-7:2006   SMPTE [21DC]   Standard   [DCinema]   [Active]   D-Cinema Packaging - Composition Playlist

[Packaging]   [Reaffirmed]

[DCP Core]

Current Status: *Active*

Publication Date: 2006-10-03T07:00:00.000Z
Reaffirmed Date: 2012-02-24T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-7/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: John H, Julian Pinn
Action Items

Notes: *Schema, wrap all docs that reference this*

Related Documents:
ISO 26429-7:2008 *[Active]*

Normative References:

XML
[Superseded]

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

XML DSIG Core
[Superseded]

RFC 2045
[Active]

RFC 2046
[Amended]

RFC 2396
[Superseded]

RFC 3174
[Amended]

RFC 2141
[Superseded]

RFC 4051
[Superseded]

RFC 4122
[Active]

Bibliographic References:

RFC 1738
[Superseded]

RDDL
[Superseded]

NS XML
[Superseded]

QAFrame
[Superseded]

XML SP *[Active]*

ISO 26429-7:2008   ISO [TC36]   Standard

[DCinema]

[Packaging]

[DCP Core]

[Active]

[Reaffirmed]

Digital cinema (D-cinema) packaging — Part 7: Composition playlist

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 429-7:2006 *[Active]*

Normative References:

XML
[Superseded]

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

XML DSIG Core
[Superseded]

RFC 2045
[Active]

RFC 2046
[Amended]

RFC 2396
[Superseded]

RFC 3174
[Amended]

RFC 2141
[Superseded]

RFC 4051
[Superseded]

RFC 4122
[Active]

ST 429-8:2007   SMPTE [21DC]   Standard   [DCinema]   [Active]   [Packaging]   [DCP Core]

[D-Cinema Packaging —Packing List](#)

Current Status: *Active*

Publication Date: 2007-06-25T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-8/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: ?
Action Items

Notes: *35PM liaison, check refs*

Related Documents:
ISO 26429-8:2009 *[Active]*

Normative References:
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
XML DSIG Core
[Superseded]
RFC 3174
[Amended]
RFC 2045
[Active]
RFC 2046
[Amended]
RFC 2396
[Superseded]
RFC 4122
[Active]
RFC 4051
[Superseded]

Bibliographic References:
RDDL
[Superseded]
NS XML
[Superseded]
QAFrame
[Superseded]
XML SP *[Active]*
IANA MT *[Active]*
ST 429-3:2006
[Superseded]
ST 429-7:2006
[Active]

| ISO 26429-8:2009 | ISO [TC36] | Standard | [DCinema] [Packaging] [DCP Core] | [Active] [Reaffirmed] | **Digital cinema (D-cinema) packaging — Part 8: Packing list** |

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 429-8:2007 *[Active]*

Normative References:
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
XML DSIG Core
[Superseded]
RFC 3174
[Amended]
RFC 2045
[Active]
RFC 2046
[Amended]
RFC 2396
[Superseded]
RFC 4122
[Active]
RFC 4051
[Superseded]

| ST 429-9:2007 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | [Superseded] | **D-Cinema Packaging — Asset Mapping and File Segmentation** |

Superseding Document(s):
ST 429-9:2014
[Active]

[Amended]

Amending Document(s):
ST 429-9:2007 Am1:2010
[Superseded]

Current Status: *Superseded*

Details: *Amended, Superseded*

Publication Date: 2007-06-25T07:00:00.000Z
Superseded Date: 2014-11-24T08:00:00.000Z

Related Documents:
ISO 26429-9:2009 *[Active]*

| ISO 26429-9:2009 | ISO [TC36] | Standard | [DCinema] [Packaging] [DCP Core] [Distribution] | [Active] | **Digital cinema (D-cinema) packaging — Part 9: Asset mapping and file segmentation** |

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
TC Approved: Yes

Related Documents:
ST 429-9:2007 *[Superseded]*

Normative References:
ST 429-8:2007
[Active]
RFC 1738
[Superseded]
RFC 2396
[Superseded]
RFC 4122
[Active]
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*

Media Standards Registry

ST 429-9:2007 Am1:2010	SMPTE [21DC]	Standard	[DCinema] [Packaging] [DCP Core] [Distribution]	**[Superseded]** **Superseding Document(s):** ST 429-9:2014 *[Active]*	**D-Cinema Packaging — Asset Mapping and File Segmentation — Amendment 1**

Current Status: *Superseded*

Publication Date: 2010-03-21T07:00:00.000Z
Superseded Date: 2014-11-24T08:00:00.000Z

ST 429-9:2014	SMPTE [21DC]	Standard	[DCinema] [Packaging] [DCP Core] [Distribution]	**[Active]**	**D-Cinema Packaging — Asset Mapping and File Segmentation**

Current Status: *Active*

Publication Date: 2014-12-29T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st429-9/issues

> **Work Info**
> Group: 21DC DG_Doc_Mx
> Review Period: 5 Year
> Review Date: 2019-10-18T07:00:00.000Z
> Recommendation: Revise
> TC Approved: Yes
> Assigned to: ?
> Action Items
> Dependent on updates to:
> st429-8-2007 *[Active]*
>
> **Notes:** *References*
> **Other Requested Work:** *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative References:
ST 429-8:2007 *[Active]*
RFC 3986 *[Amended]*
RFC 4122 *[Active]*
XML *[Superseded]*
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
NS XML *[Active]*

ST 430-10:2010	SMPTE [21DC]	Standard	[DCinema] [Operations]	**[Active]**	**D-Cinema Operations – Auxiliary Content Synchronization Protocol**

Current Status: *Active*

Publication Date: 2010-11-09T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-10/issues

> **Work Info**
> Group: 21DC DG_Doc_Mx
> Review Period: 5 Year
> Review Date: 2019-10-18T07:00:00.000Z
> Recommendation: Revise
> TC Approved: Yes
> Assigned to: Harold Hallikainen / Jack Watts
> Action Items
>
> **Notes:** *Remove master/slave terms in section section 6.1*

Normative References:
ST 336:2007 *[Superseded]*
IANA PN *[Active]*
ST 429-7:2006 *[Active]*
ST 430-11:2010 *[Active]*

Media Standards Registry

ST 430-11:2010   SMPTE [21DC]   Standard   [DCinema] [Operations]   [Active]

[D-Cinema Operations – Auxiliary Resource Presentation List](#)

Current Status: *Active*

Publication Date: 2010-11-09T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-11/issues

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts
[Action Items](#)

Notes: *References and prose update*

Normative References:
[XML](#)
[Superseded]
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[RFC 1738](#)
[Superseded]
[RFC 2396](#)
[Superseded]
[RFC 4122](#)
[Active]
[ST 429-7:2006](#)
[Active]

Bibliographic References:
[ST 430-10:2010](#) *[Active]*

ST 430-12:2014   SMPTE [21DC]   Standard   [DCinema] [Operations]   [Active] [Amended]

Amending Document(s):
[ST 430-12:2014 Am1:2019](#) *[Active]*

[Reaffirmed]

[D-Cinema Operations — FSK Synchronization Signal](#)

Current Status: *Amended*

Publication Date: 2014-05-10T07:00:00.000Z
Reaffirmed Date: 2019-11-13T08:00:00.000Z

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes
[Project Link](#)

Notes: *Amendment just published*

Normative References:
[ST 429-3:2007](#)
[Active]

ST 430-12:2014
Am1:2019

SMPTE
[21DC]

Standard

[DCinema]
[Operations]

[Active]
[Reaffirmed]

D-Cinema Operations – FSK Synchronization Signal

Current Status: *Active*

Publication Date: 2019-06-25T07:00:00.000Z
Reaffirmed Date: 2020-06-03T07:00:00.000Z

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2020-03-12T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes
Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative References:
ST 429-3:2007
[Active]
ST 400:2012
[Active]

Bibliographic References:
ST 377-4:2012
[Active]
ST 429-16:2014 *[Active]*

ST 430-14:2015

SMPTE
[21DC]

Standard

[DCinema]
[Operations]

[Active]

D-Cinema Operations - Digital Sync Signal and Aux Data Transfer Protocol

Current Status: *Active*

Publication Date: 2015-10-08T07:00:00.000Z

Normative References:
ST 298:2009
[Active]
ST 336:2007
[Superseded]
ST 377:2004(m)
*[Superseded *]*
ST 379:2004
*[Superseded *]*
ST 429-2:2013
[Superseded]
ST 429-6:2006
[Amended]
ST 429-14:2014 *[Active]*
ST 430-10:2010 *[Active]*
AES3-2009 (r2019) *[Active]*
RFC 2616
[Superseded]
RFC 2818
[Amended]
RFC 3986
[Amended]
RFC 6597
[Active]
RFC 2234
[Superseded]
RFC 4122
[Active]
RFC 2046
[Amended]

[Active]
[Reaffirmed]

ST 430-14:20XX   SMPTE   Standard   [DCinema]   [Draft]   D-Cinema Operations - Digital Sync Signal and Aux Data
                     [21DC]   Transfer Protocol
                                                [Operations]

	Normative
Current Status: *Draft*	References:
	ST 298:2009
Details: *FCD Ballot - Comment*	*[Active]*
Resolution	ST 336:2007
	[Superseded]
GitHub:	ST
https://github.com/SMPTE/st430-14/issues	377:2004(m)
	*[Superseded *]*
	ST 379:2004
Work Info	*[Superseded *]*
Group: 21DC DG_SMS_OMB	ST 429-2:2013
TC Approved: Yes	*[Superseded]*
Project Link	ST 429-6:2006
	Am1:2018
	[Active]
	ST 429-
	14:2014 *[Active]*
	ST 429-
	18:2019 *[Active]*
	ST 430-
	10:2010 *[Active]*
	AES3-2009
	(r2019) *[Active]*
	RFC 2616
	[Superseded]
	RFC 2818
	[Amended]
	RFC 3986
	[Amended]
	RFC 6597
	[Active]
	RFC 2234
	[Superseded]
	RFC 4122
	[Active]
	RFC 2046
	[Amended]

ST 430-15:2017   SMPTE [21DC]   Standard   [DCinema]   [Active]

[Operations]

D-Cinema Operations – Facility List Message Exchange Protocol

Current Status: *Active*

Publication Date: 2017-08-23T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-15/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: ON HOLD
Dependent on updates to:
st430-16-2017 *[Active]*

Notes: *References, wait for 430-16*

Normative References:
RFC 3986
[Amended]
RFC 2617
[Superseded]
RFC 5246
[Superseded]
RFC 7230
[Amended]
RFC 7231
[Active]
RFC 7232
[Active]
RFC 7234
[Active]
ST 430-16:2017 *[Active]*
XLink *[Active]*

Bibliographic References:
RTF ASD NBSA 2000
[Active]
ST 429-2:2013
[Superseded]
ST 430-1:2017
[Amended]
tlpcs *[Active]*

| ST 430-16:2017 | SMPTE [21DC] | Standard | [DCinema] [Operations] | [Active] |

D-Cinema Operations – Extended Facility List Message

Current Status: *Active*

Publication Date: 2017-08-23T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-16/issues

Work Info
Group: 21DC DG_Doc_Mx
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby
Action Items

Notes: *Example texts / schema - to look into notes, ask Mark Walker from Cinecert*

Normative References:
IANA Sources TZ-DST, 1987 *[Active]*
ST 430-1:2006 Am1:2009 *[Superseded]*
ST 430-2:2006 *[Superseded]*
ST 428-12:2013 *[Active]*
RE.123 (02/2001) *[Amended]*
XML SCHEMA 1 *[Active]*
XML *[Superseded]*
RFC 5322 *[Amended]*
XML DSIG Core *[Superseded]*

Bibliographic References:
ISDCF Doc 08 *[Withdrawn]*
ST 430-7:2008 *[Withdrawn]*

| ST 430-17:20XX | SMPTE [21DC] | Standard | [DCinema] [Operations] | [Draft] |

21DC SMS OMB Comm. Protocol

Current Status: *Draft*

Details: *DP Ballot - Comment Resolution*

Work Info
Group: 21DC DG_SMS_OMB
TC Approved: Yes
Project Link

Normative References:
ST 429-7:2006 *[Active]*
ST 429-14:2014 *[Active]*
ST 429-18:2019 *[Active]*
ST 430-1:2017 *[Amended]*
ST 430-1:2017 Am 1:2019 *[Active]*
ST 430-2:2017 *[Active]*
ST 430-5:2011 *[Active]*
ST 336:2007 *[Superseded]*
RFC 3268 *[Superseded]*

ST 430-1:2006   SMPTE [21DC]   Standard   [DCinema] [Operations] [Security] [KDM]

[Superseded]

Superseding Document(s):
ST 430-1:2017
[Amended]

[Amended]

Amending Document(s):
ST 430-1:2006 Am1:2009
[Superseded]

D-Cinema Operations - Key Delivery Message

Current Status: *Superseded*

Details: *Amended, Superseded*

Publication Date: 2006-10-03T07:00:00.000Z
Superseded Date: 2017-01-12T08:00:00.000Z

Related Documents:
ISO 26430-1:2008 *[Active]*

ISO 26430-1:2008   ISO [TC36]   Standard   [DCinema] [Operations] [Security] [KDM]

[Active]
[Reaffirmed]

Digital cinema (D-cinema) operations — Part 1: Key delivery message

Current Status: *Active*

Publication Date: 2008-07-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2

Related Documents:
ST 430-1:2006 *[Superseded]*

Normative References:
ST 429-6:2006
[Amended]
ST 430-2:2006
[Superseded]
ST 430-3:2006
[Superseded]
RFC 2253
[Superseded]
RFC 3339
[Active]
RFC 4122
[Active]

ST 430-1:2006 Am1:2009   SMPTE [21DC]   Standard   [DCinema] [Operations] [Security] [KDM]

[Superseded]

Superseding Document(s):
ST 430-1:2017
[Amended]

D-Cinema Operations —Key Delivery Message — Amendment 1

Current Status: *Superseded*

Publication Date: 2009-01-09T08:00:00.000Z
Superseded Date: 2017-01-12T08:00:00.000Z

ST 430-1:2017   SMPTE [21DC]   Standard

[DCinema]
[Operations]
[Security]
[KDM]

[Active]
[Amended]

Amending Document(s):
[ST 430-1:2017 Am 1:2019](#) *[Active]*

[D-Cinema Operations - Key Delivery Message](#)

Current Status: *Amended*

Publication Date: 2017-02-02T08:00:00.000Z
GitHub:
[https://github.com/SMPTE/st430-1/issues](#)

Work Info
Group: [21DC DG_Doc_Mx](#)
Review Period: 1 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby
[Action Items](#)

Notes: *Merge with IA amend*
Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative References:

[ST 429-6:2006](#)
[Amended]

[ST 430-2:2017](#)
[Active]

[ST 430-3:2012](#)
[Active]

[RFC 2253](#)
[Superseded]

[RFC 3339](#)
[Active]

[RFC 4122](#)
[Active]

Bibliographic References:

[ASN.1](#) *[Active]*
[ST 429-7:2006](#)
[Active]

[RFC 1521](#)
[Superseded]

[PC 2003](#) *[Active]*

[FIPS 140-2](#)
[Superseded]

[X.509 SG](#)
[Active]

[RFC 2401](#)
[Superseded]

[NIST KMGD](#)
[Unknown]

[ISBN 0201615983](#)
[Active]

[RFC 2459](#)
[Superseded]

[RFC 2693](#)
[Active]

[Applied Cryptography (2nd Ed)](#) *[Active]*

[RFC 2246](#)
[Superseded]

[X.509, Jun 1997 E](#)
[Superseded]

[XKMS](#)
[Superseded]

[ISO 3166:1993(E)](#)
[Withdrawn]

[ST 429-14:2014](#) *[Active]*

ST 430-1:2017 Am 1:2019   SMPTE [21DC]   Standard   [DCinema]   [Active]   [D-Cinema Operations – Key Delivery Message](#)

[Operations]

[Security]

[KDM]

Current Status: *Active*

Publication Date: 2019-08-16T07:00:00.000Z

Normative References:

[ST 429-6:2006](#)

[Amended]

[ST 430-2:2017](#)

[Active]

[ST 430-3:2012](#)

[Active]

[RFC 2253](#)

[Superseded]

[RFC 3339](#)

[Active]

[RFC 4122](#)

[Active]

Bibliographic References:

[ASN.1](#) *[Active]*

[ST 429-7:2006](#)

[Active]

[RFC 1521](#)

[Superseded]

[PC 2003](#) *[Active]*

[FIPS 140-2](#)

[Superseded]

[X.509 SG](#)

[Active]

[RFC 2401](#)

[Superseded]

[NIST KMGD](#)

[Unknown]

[ISBN 0201615983](#)

[Active]

[RFC 2459](#)

[Superseded]

[RFC 2693](#)

[Active]

[Applied Cryptography (2nd Ed)](#) *[Active]*

[RFC 2246](#)

[Superseded]

[X.509, Jun 1997 E](#)

[Superseded]

[XKMS](#)

[Superseded]

[ISO 3166:1993(E)](#)

[Withdrawn]

[ST 429-14:2014](#) *[Active]*

[ST 430-12:2014](#)

[Amended]

ST 430-1:2017 Am 1:2019   SMPTE [21DC]   Standard   [DCinema]   [Active]

[Operations]

[Security]

[KDM]

Media Standards Registry

ST 430-2:2006	SMPTE [21DC]	Standard	[DCinema] [Operations] [Packaging] [DCP Core] [Security] [KDM]	**[Superseded]**

Superseding Document(s):
[ST 430-2:2017](#)
[Active]

D-Cinema Operations - Digital Certificate

Current Status: *Superseded*

Publication Date: 2006-10-03T07:00:00.000Z
Superseded Date: 2017-01-12T08:00:00.000Z

Related Documents:
[ISO 26430-2:2008](#) *[Active]*

ISO 26430-2:2008	ISO [TC36]	Standard	[DCinema] [Operations] [DCP Core] [Security] [KDM]	[Active] [Reaffirmed]

Digital cinema (D-cinema) operations — Part 2: Digital certificate

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

> **Work Info**
> Group: TC36 WG2
> Review Period: Systematic
> Review Date: 2019-10-29T07:00:00.000Z
> Recommendation: Stabilize

Related Documents:
[ST 430-2:2006](#) *[Superseded]*

Normative References:

[ISO 8824-1:2002 (ITU-T X.680)](#)
[Withdrawn]

[RFC 1521](#)
[Superseded]

[FIPS 180-2](#)
[Withdrawn]

[RFC 3447](#)
[Superseded]

[RFC 4055](#)
[Amended]

[RFC 3280](#)
[Superseded]

[RFC 3339](#)
[Active]

[X.509, Jun 1997 E](#)
[Superseded]

ST 430-2:2017   SMPTE [21DC]   Standard

[DCinema]
[Operations]
[DCP Core]
[Security]
[KDM]

[Active]

[D-Cinema Operations - Digital Certificate](#)

Current Status: *Active*

Publication Date: 2017-02-02T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-2/issues

> **Work Info**
> Group: [21DC DG_Doc_Mx](#)
> Review Period: 1 Year
> Review Date: 2019-10-18T07:00:00.000Z
> Recommendation: Revise
> TC Approved: Yes
> Assigned to: Matt Sheby
> [Action Items](#)
> **Other Requested Work:** *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative References:

[ISO 8824-1:2002 (ITU-T X.680)](#)
[Withdrawn]
[RFC 1521](#)
[Superseded]
[FIPS 180-2](#)
[Withdrawn]
[RFC 3447](#)
[Superseded]
[RFC 4055](#)
[Amended]
[RFC 3280](#)
[Superseded]
[RFC 3339](#)
[Active]
[X.509, Jun 1997 E](#)
[Superseded]

Bibliographic References:
[ASN.1](#) *[Active]*
[ST 429-7:2006](#) *[Active]*
[ST 430-3:2012](#) *[Active]*
[PC 2003](#) *[Active]*
[FIPS 140-2](#) *[Superseded]*
[X.509 SG](#) *[Active]*
[ASN.1, BER DER 11-1993](#) *[Active]*
[ST 430-1:2017](#) *[Amended]*
[Patent #5,848,159](#) *[Active]*
[NIST KMGD](#) *[Unknown]*
[ST 429-8:2007](#) *[Active]*
[ISBN 0201615983](#) *[Active]*
[RFC 2693](#) *[Active]*
[ST 429-14:2014](#) *[Active]*

ST 430-3:2006   SMPTE [21DC]   Standard

[DCinema]
[Operations]
[KDM]

[Superseded]

Superseding Document(s):
[ST 430-3:2008](#)
[Superseded]

D-Cinema Operations - Generic Extra-Theater Message Format

Current Status: *Superseded*

Details: *Cannot locate*

| ST 430-3:2008 | SMPTE [21DC] | Standard | [DCinema] [Operations] [KDM] | **[Superseded]** | **D-Cinema Operations - Generic Extra-Theater Message Format** |

[Superseded]

Superseding Document(s):

ST 430-3:2012

[Active]

[Amended]

Amending Document(s):

ST 430-3:2008 Am2:2012

[Superseded]

Current Status: *Superseded*

Details: *Amended, Superseded*

Publication Date: 2008-03-03T08:00:00.000Z
Superseded Date: 2012-08-22T07:00:00.000Z

Related Documents:

ISO 26430-3:2008 *[Active]*

| ISO 26430-3:2008 | ISO [TC36] | Standard | [DCinema] [Operations] [KDM] | **[Active]** **[Reaffirmed]** | **Digital cinema (D-cinema) operations — Part 3: Generic extra-theater message format** |

Current Status: *Active*

Publication Date: 2008-07-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:

ST 430-3:2008 *[Superseded]*

Normative References:

ST 430-2:2006
[Superseded]
FIPS 180-2
[Withdrawn]
FIPS 197
[Active]
FIPS 198
[Withdrawn]
RFC 3447
[Superseded]
RFC 2253
[Superseded]
RFC 4051
[Superseded]
RFC 3339
[Active]
RFC 4122
[Active]
XML SCHEMA 1 *[Superseded]*
XML ESP
[Superseded]
XML DSIG Core
[Superseded]

| ST 430-3:2008 Am2:2012 | SMPTE [21DC] | Standard | [DCinema] [Operations] [KDM] | **[Superseded]** | **D-Cinema Operations —Generic Extra-Theater Message Format — Amendment 2** |

[Superseded]

Superseding Document(s):

ST 430-3:2012

[Active]

Current Status: *Superseded*

Publication Date: 2012-08-22T07:00:00.000Z
Superseded Date: 2012-08-22T07:00:00.000Z

| ST 430-3:2012 | SMPTE [21DC] | Standard | [DCinema] [Operations] [KDM] | [Active] | **D-Cinema Operations — Generic Extra-Theater Message Format** |

Current Status: *Active*

Publication Date: 2012-08-22T07:00:00.000Z

GitHub: https://github.com/SMPTE/st430-3/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby
Action Items
Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative References:

ST 430-2:2006
[Superseded]

FIPS 180-2
[Withdrawn]

FIPS 197
[Active]

FIPS 198
[Withdrawn]

RFC 3447
[Superseded]

RFC 2253
[Superseded]

RFC 4051
[Superseded]

RFC 3339
[Active]

RFC 4122
[Active]

XML SCHEMA 1 *[Superseded]*

XML ESP
[Superseded]

XML DSIG Core
[Superseded]

| ST 430-4:2008 | SMPTE [21DC] | Standard | [DCinema] [Operations] | [Active] [Amended] | **D-Cinema Operations - Log Record Format Specification** |

Amending Document(s):
ST 430-4:2008 Am1:2011 *[Active]*

Current Status: *Amended*

Publication Date: 2008-03-03T08:00:00.000Z

Related Documents:
ISO 26430-4:2009 *[Active]*

Normative References:

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

RFC 2141
[Superseded]

RFC 3280
[Superseded]

CXML *[Active]*

XML DSIG Core
[Superseded]

RFC 3275
[Active]

ST 433:2008
[Amended]

ST 430-2:2006
[Superseded]

FIPS 180-1
[Withdrawn]

RFC 2253
[Superseded]

ISO 26430-4:2009	ISO [TC36]	Standard	[DCinema] [Operations]	[Active]	Digital cinema (D-cinema) operations — Part 4: Log record format specification

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z

Normative References:

XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2141 *[Superseded]*
RFC 3280 *[Superseded]*
CXML *[Active]*
XML DSIG Core *[Superseded]*
RFC 3275 *[Active]*
ST 433:2008 *[Amended]*
ST 430-2:2006 *[Superseded]*
FIPS 180-1 *[Withdrawn]*
RFC 2253 *[Superseded]*

Work Info
Group: TC36 WG4
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
TC Approved: Yes

Related Documents:
ST 430-4:2008 *[Amended]*

ST 430-4:2008 Am1:2011	SMPTE [21DC]	Standard	[DCinema] [Operations]	[Active]	D-Cinema Operations - Log Record Format Specification - Amendment 1

Current Status: *Active*

Publication Date: 2017-01-06T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-4/issues

Normative References:

XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 2141 *[Superseded]*
RFC 3280 *[Superseded]*
CXML *[Active]*
XML DSIG Core *[Superseded]*
RFC 3275 *[Active]*
ST 433:2008 *[Amended]*
ST 430-2:2006 *[Superseded]*
FIPS 180-1 *[Withdrawn]*
RFC 2253 *[Superseded]*

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2019-11-15T07:00:00.000Z
Recommendation: Revise
Assigned to: Matt Sheby

Notes: *References*

ISO 26430-4:2009   ISO [TC36]   Standard   [DCinema]

[Operations]   [Active]

ST 430-5:2008   SMPTE [21DC]   Standard   [DCinema]   [Superseded]   **D-Cinema Packaging - Security Log Event Class and Constraints**

[Security]

[Operations]

Superseding Document(s):
ST 430-5:2011
[Active]

Current Status: *Superseded*

Publication Date: 2008-03-03T08:00:00.000Z
Superseded Date: 2011-09-24T07:00:00.000Z

Related Documents:
ISO 26430-5:2009 *[Active]*

ISO 26430-5:2009   ISO [TC36]   Standard   [DCinema]   [Active]   **Digital cinema (D-cinema) operations — Part 5: Security log event class and constraints**

[Security]   [Reaffirmed]

[Operations]

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG4

Related Documents:
ST 430-5:2008 *[Superseded]*

Normative References:

RFC 3280
[Superseded]
ST 433:2008
[Amended]
ST 430-4:2008
[Amended]
ST 430-1:2006
[Superseded]
ST 430-2:2006
[Superseded]
ST 430-3:2006
[Superseded]
ST 430-6:2008
[Superseded]
ST 429-6:2006
[Amended]
ST 429-7:2006
[Active]
ST 429-8:2007
[Active]
ST 429-3:2007
[Active]
RFC 4051
[Superseded]
RFC 2253
[Superseded]

ST 430-5:2008   SMPTE [21DC]   Standard   [DCinema]   [Superseded]   **D-Cinema Packaging - Security Log Event Class and Constraints**

[Security]

[Operations]

Superseding Document(s):
ST 430-5:2011

ST 430-5:2011 SMPTE [21DC] Standard [DCinema] [Operations] [Active] [D-Cinema Operations — Security Log Event Class and Constraints](#)

Current Status: *Active*

Publication Date: 2011-12-29T08:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-5/issues

> **Work Info**
> Group: 21DC DG_Doc_Mx
> Review Period: 5 Year
> Review Date: 2019-10-18T07:00:00.000Z
> Recommendation: Revise
> TC Approved: Yes
> Assigned to: Matt Sheby
> Action Items
>
> **Notes:** *References*

Normative References:

RFC 3280
[Superseded]
ST 433:2008
[Amended]
ST 430-4:2008
[Amended]
ST 430-1:2006
[Superseded]
ST 430-1:2006 Am1:2009
[Superseded]
ST 430-2:2006
[Superseded]
ST 430-3:2008
[Superseded]
ST 430-6:2010
[Active]
ST 429-6:2006
[Amended]
ST 429-7:2006
[Active]
ST 429-8:2007
[Active]
ST 429-3:2007
[Active]
RFC 4051
[Superseded]
RFC 2253
[Superseded]

ST 430-6:2008 SMPTE [21DC] Standard [DCinema] [Security] [Operations] [Superseded]

Superseding Document(s):
ST 430-6:2010
[Active]

[D-Cinema Operations - Auditorium Security Messages for Intra-Theater Communications](#)

Current Status: *Superseded*

Superseded Date: 2010-08-18T07:00:00.000Z

Related Documents:
ISO 26430-6:2009 *[Active]*

ISO 26430-6:2009 ISO [TC36] Standard [DCinema] [Active] Digital cinema (D-cinema) operations — Part 6: Auditorium security messages for intra-theater communications

[Security] [Reaffirmed]

[Operations]

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG4
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Documents:
ST 430-6:2008 *[Superseded]*

Normative References:
ST 336:2007
[Superseded]
ST 430-2:2006
[Superseded]
IANA PN *[Active]*
ST 430-1:2006
[Superseded]
ST 430-5:2008
[Superseded]
RFC 2246
[Superseded]
RFC 3268
[Superseded]

ST 430-6:2010 SMPTE [21DC] Standard [DCinema] [Active] D-Cinema Operations - Auditorium Security Messages for Intra-Theater Communications

[Security]

[Operations]

Current Status: *Active*

Publication Date: 2010-08-18T07:00:00.000Z
GitHub:
https://github.com/SMPTE/st430-6/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby
Action Items

Notes: *References*

Normative References:
ST 336:2007
[Superseded]
ST 430-2:2006
[Superseded]
IANA PN *[Active]*
ST 430-1:2006
[Superseded]
ST 430-5:2008
[Superseded]
RFC 2246
[Superseded]
RFC 3268
[Superseded]

Bibliographic References:
FIPS 140-2
[Superseded]
RFC 3447
[Superseded]
ISBN 0201615983
[Active]
ST 429-7:2006
[Active]
ST 430-4:2008
[Amended]
ST 377-1:2009
[Superseded]

ST 430-7:2008	SMPTE [21DC]	Standard		[Withdrawn] [Amended]	**D-Cinema Operations —Facility List Message**

Amending Document(s):
ST 430-7:2008 Am1:2011
[Withdrawn]

Current Status: *Withdrawn*

Details: *Amended, Withdrawn*

Publication Date: 2008-10-28T07:00:00.000Z
Withdrawn Date: 2017-09-28T07:00:00.000Z

ST 430-7:2008 Am1:2011	SMPTE [21DC]	Standard		[Withdrawn]	**D-Cinema Operations - Facility List Message - Amendment 1**

Current Status: *Withdrawn*

Publication Date: 2017-01-06T08:00:00.000Z
Withdrawn Date: 2017-09-28T07:00:00.000Z

ST 430-9:2008	SMPTE [21DC]	Standard	[DCinema] [Operations] [Security] [KDM]	[Active] [Amended]	**D-Cinema Operations - Key Delivery Bundle**

Amending Document(s):
ST 430-9:2008 Am1:2011 *[Active]*

Current Status: *Amended*

Publication Date: 2008-02-01T08:00:00.000Z
GitHub: https://github.com/SMPTE/st430-9/issues

Work Info
Group: 21DC DG_Doc_Mx
Review Period: 5 Year
Review Date: 2019-11-15T07:00:00.000Z
Recommendation: Revise
Assigned to: Matt Sheby

Notes: *References and Schema - Prose - CatalogType - Ping DCIP*

Related Documents:
ISO 26430-9:2009 *[Active]*

Normative References:
XML
[Superseded]
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
RFC 1738
[Superseded]
RFC 2396
[Superseded]
RFC 4122
[Active]
ST 429-7:2006
[Active]
ST 429-8:2007
[Active]
ST 430-1:2006
[Superseded]
IEEE Std 1003.1:2004
[Withdrawn]

Bibliographic References:
RFC 1738
[Superseded]
RDDL
[Superseded]
NS XML
[Superseded]
QAFrame
[Superseded]
XML SP *[Active]*

ISO 26430-9:2009 ISO [TC36] Standard

[DCinema]
[Operations]
[Security]
[KDM]

[Active]
[Reaffirmed]

[Digital cinema (D-cinema) operations — Part 9: Key delivery bundle](#)

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
Assigned to: Steve LLamb
Other Requested Work: *ISO TC36 - Resolution 7 (Los Angeles, CA): 2019, Amendment to ISO 26430-9, Digital cinema (D-cinema) operations – Part 9: Key delivery bundle*

Related Documents:
[ST 430-9:2008](#) *[Amended]*

Normative References:
[XML](#)
[Superseded]
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[RFC 1738](#)
[Superseded]
[RFC 2396](#)
[Superseded]
[RFC 4122](#)
[Active]
[ST 429-7:2006](#)
[Active]
[ST 429-8:2007](#)
[Active]
[ST 430-1:2006](#)
[Superseded]
[IEEE Std 1003.1:2004](#)
[Withdrawn]

ST 430-9:2008 Am1:2011 SMPTE [21DC] Standard

[DCinema]
[Operations]
[Security]
[KDM]

[Active]

[D-Cinema Operations - Key Delivery Bundle - Amendment 1](#)

Current Status: *Active*

Publication Date: 2017-01-06T08:00:00.000Z

Related Documents:
[ISO 26430-9:2009/AWI AMD 1](#)
[Draft]

Normative References:
[XML](#)
[Superseded]
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[RFC 1738](#)
[Superseded]
[RFC 2396](#)
[Superseded]
[RFC 4122](#)
[Active]
[ST 429-7:2006](#)
[Active]
[ST 429-8:2007](#)
[Active]
[ST 430-1:2006](#)
[Superseded]
[IEEE Std 1003.1:2004](#)
[Withdrawn]

Bibliographic References:
[RFC 1738](#)
[Superseded]
[RDDL](#)
[Superseded]
[NS XML](#)
[Superseded]
[QAFrame](#)
[Superseded]
[XML SP](#) *[Active]*

Media Standards Registry

ISO 26430-9:2009/AWI AMD 1	ISO [TC36]	Standard	[DCinema] [Operations] [Security] [KDM]	[Draft]	[Digital cinema (D-cinema) operations — Part 9: Key delivery bundle — Amendment 1](#)

Current Status: *Draft*

Related Documents:
[ST 430-9:2008 Am1:2011](#) *[Active]*

ST 431-1:2006	SMPTE [21DC]	Standard	[DCinema] [Quality] [Projection] [Measurement] [Image]	[Active] [Reaffirmed]	[D-Cinema Quality - Screen Luminance Level, Chromaticity and Uniformity](#)

Current Status: *Active*

Publication Date: 2006-04-18T07:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z
GitHub:
[https://github.com/SMPTE/st431-1/issues](#)

> **Work Info**
> Group: [21DC DG_Doc_Mx](#)
>
> **Notes:** *See GitHub for comment responses*
> **Other Requested Work:** *ISO TC 36 comments - https://kws.smpte.org/higherlogic/ws/groups/db60330e-84de-4faf-a59d-f8a29e10ce07/documents/201912xx8335/document?document_id=51993*

Related Documents:
[ISO 26431-1:2008](#) *[Active]*

Normative References:
[ISO/CIE 10527:1991](#)
[Withdrawn]

Bibliographic References:
[ST 196:2003(m)](#)
[Active]
[RP 98:1995](#)
[Active]

ISO 26431-1:2008	ISO [TC36]	Standard	[DCinema] [Quality] [Projection] [Measurement] [Image]	[Active] [Reaffirmed]	[Digital cinema (D-cinema) quality — Part 1: Screen luminance level, chromaticity and uniformity](#)

Current Status: *Active*

Details: *Normative reference is different than source SMPTE doc (year updated).*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2017-01-01T07:00:00.000Z

> **Work Info**
> Group: TC36 WG4
> Review Period: Systematic
> Review Date: 2019-10-29T07:00:00.000Z
> Recommendation: Stabilize

Related Documents:
[ST 431-1:2006](#) *[Active]*

Normative References:
[ISO 10527:2007](#)
[Withdrawn]

ST 433:2008   SMPTE [21DC]   Standard   [DCinema] [XML]

[Active]
[Amended]

Amending Document(s):
ST 433:2008 Am1:2011 *[Active]*

[Reaffirmed]

D-Cinema - XML Data Types

Current Status: *Amended*

Publication Date: 2008-03-03T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
ISO 26433:2009 *[Active]*

Normative References:
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
ISO 639-2:1998 *[Active]*
ISO 3166-1:1997 *[Withdrawn]*
RFC 4122 *[Active]*
RFC 3066 *[Superseded]*
RFC 3629 *[Active]*
ST 430-2:2006 *[Superseded]*

Bibliographic References:
ISO 15924:2004 *[Active]*
UTF *[Active]*

ISO 26433:2009   ISO [TC36]   Standard   [DCinema] [XML]

[Active]
[Reaffirmed]

Digital cinema (D-cinema) — XML data types

Current Status: *Active*

Publication Date: 2009-12-01T07:00:00.000Z
Reaffirmed Date: 2015-01-01T07:00:00.000Z

Work Info
Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Amend
Assigned to: Steve LLamb

Notes: *ISO TC36 - Resolution 6 (Los Angeles, CA): 2019, Amendment to ISO 26433:2009, Digital cinema (D-cinema) – XML data types*

Related Documents:
ST 433:2008 *[Amended]*

Normative References:
XML SCHEMA 1 *[Active]*
XML SCHEMA 2 *[Active]*
ISO 639-2:1998 *[Active]*
ISO 3166-1:1997 *[Withdrawn]*
RFC 4122 *[Active]*
RFC 3066 *[Superseded]*
RFC 3629 *[Active]*
ST 430-2:2006 *[Superseded]*

| ST 433:2008 Am1:2011 | SMPTE [21DC] | Standard | [DCinema] [XML] | [Active] [Reaffirmed] | [D-Cinema - XML Data Types - Amendment 1](#) |

Current Status: *Active*

Publication Date: 2017-01-06T08:00:00.000Z
Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Documents:
[ISO 26433:2009/AWI AMD 1](#) *[Draft]*

Normative References:
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[ISO 639-2:1998](#) *[Active]*
[ISO 3166-1:1997](#) *[Withdrawn]*
[RFC 4122](#) *[Active]*
[RFC 3066](#) *[Superseded]*
[RFC 3629](#) *[Active]*
[ST 430-2:2006](#) *[Superseded]*

Bibliographic References:
[ISO 15924:2004](#) *[Active]*
[UTF](#) *[Active]*

| ISO 26433:2009/AWI AMD 1 | ISO [TC36] | Standard | [DCinema] [XML] | [Draft] | [Digital cinema (D-cinema) — XML data types — Amendment 1](#) |

Current Status: *Draft*

Related Documents:
[ST 433:2008 Am1:2011](#) *[Active]*

| ST 55:2000 | SMPTE [20F] | Standard | | [Superseded] | [35- and 16-mm Television Release Prints — Leaders and Cue Marks](#) |

Superseding Document(s):
[ST 55:2011](#) *[Active]*

[Reaffirmed]

Current Status: *Superseded*

Publication Date: 2000-06-09T07:00:00.000Z
Reaffirmed Date: 2005-07-01T07:00:00.000Z

| ST 55:2011 | SMPTE [20F] | Standard | | [Active] | [For Motion-Picture Film — 35- and 16-mm Television Release Prints — Leaders and Cue Marks](#) |

Current Status: *Active*

Publication Date: 2011-01-03T07:00:00.000Z

| tlpcs | OWASP | Guideline | | [Active] | [Transport Layer Protection Cheat Sheet](#) |

Current Status: *Active*

TSP 2121-1:2018	SMPTE [35PM]	Specification	[Active]	Interoperable Master Format — Application DPP (ProRes)

Current Status: *Active*

Details: *DPP*

Publication Date: 2018-08-16T07:00:00.000Z
GitHub:
https://github.com/SMPTE/tsp2121-1

TSP 2121-4:2019	SMPTE [35PM]	Specification	[Active]	Interoperable Master Format — Application Constraint DPP (JPEG2000)

Current Status: *Active*

Details: *DPP*

Publication Date: 2019-07-19T07:00:00.000Z
GitHub:
https://github.com/SMPTE/tsp2121-1

Unicode 6.1.0 Annex #9	Unicode Consortium	Specification	[Superseded]	UNICODE BIDIRECTIONAL ALGORITHM

Superseding Document(s):
Unicode 13.0.0 Annex #9 *[Active]*

Current Status: *Superseded*

Publication Date: 2012-01-16T07:00:00.000Z

Unicode 13.0.0 Annex #9	Unicode Consortium	Specification	[Active]	UNICODE BIDIRECTIONAL ALGORITHM

Current Status: *Active*

Publication Date: 2020-02-12T07:00:00.000Z

UN SCAC R4	UNSD	Informational	[Active]	Standard Country or Area Codes for Statistics Use, 1999 (Revision 4)

Current Status: *Active*

Publication Date: 20xx-xx-xxT07:00:00.000Z

UTF	Unicode Consortium	Informational	[Active]	UTF-8, UTF-16, UTF-32 & BOM - General questions, relating to UTF or Encoding Form

Current Status: *Active*

Publication Date: 2020-01-24T07:00:00.000Z

CXML	W3C	Recommendation	[Active]	Canonical XML Version 1.1

Current Status: *Active*

Publication Date: 2008-05-02T08:00:00.000Z

Media Standards Registry

CXML	W3C	Recommendation	**[Superseded]** **Superseding Document(s):** CXML *[Active]* [Active]	[Canonical XML Version 1.0](#) **Current Status: *Active*** Publication Date: 2001-03-15T08:00:00.000Z
NS XML	W3C	Recommendation	**[Superseded]** **Superseding Document(s):** NS XML *[Active]*	[Namespaces in XML 1.0 (Second Edition)](#) **Current Status: *Superseded*** Publication Date: 2006-08-16T08:00:00.000Z
NS XML	W3C	Recommendation	[Active]	[Namespaces in XML 1.0 (3rd Edition)](#) **Current Status: *Active*** Publication Date: 2009-12-08T08:00:00.000Z
QAFrame	W3C	Recommendation	[Active]	[QA Framework: Specification Guidelines](#) **Current Status: *Active*** Publication Date: 2005-08-17T08:00:00.000Z
QAFrame	W3C	Recommendation	**[Superseded]** **Superseding Document(s):** QAFrame *[Active]*	[QA Framework: Specification Guidelines](#) **Current Status: *Superseded*** Publication Date: 2004-11-22T08:00:00.000Z
RDDL	W3C	Recommendation	**[Superseded]** **Superseding Document(s):** RDDL 2 *[Active]*	[Resource Directory Description Language (RDDL)](#) **Current Status: *Superseded*** Publication Date: 2002-02-08T08:00:00.000Z
RDDL 2	W3C	Recommendation	[Active]	[Resource Directory Description Language (RDDL) 2.0](#) **Current Status: *Active*** Publication Date: 2010-01-01T08:00:00.000Z
TTML1	W3C	Recommendation	[Active]	[Timed Text Markup Language 1 (TTML1) (Third Edition)](#) **Current Status: *Active*** Publication Date: 2018-11-08T08:00:00.000Z GitHub: https://github.com/w3c/ttml1

Media Standards Registry

TTML2	W3C	Recommendation	[Active]	[Timed Text Markup Language 2 (TTML2)](#)

Current Status: *Active*

Publication Date: 2018-11-08T08:00:00.000Z
GitHub: https://github.com/w3c/ttml2

TTML IMSC 1.0.1	W3C	Recommendation	[Active]	[TTML Profiles for Internet Media Subtitles and Captions 1.0.1 (IMSC1)](#)

Current Status: *Active*

Publication Date: 2020-04-27T07:00:00.000Z

TTML IMSC 1.1	W3C	Recommendation	[Active]	[TTML Profiles for Internet Media Subtitles and Captions 1.1](#)

Current Status: *Active*

Publication Date: 2020-04-27T07:00:00.000Z
GitHub: https://github.com/w3c/imsc

XKMS	W3C	Recommendation	[Superseded] **Superseding Document(s):** [XKMS](#) *[Active]*	[XML Key Management Specification (XKMS)](#)

Current Status: *Superseded*

Publication Date: 2003-04-18T08:00:00.000Z

XKMS	W3C	Recommendation	[Active]	[XML Key Management Specification (XKMS 2.0)](#)

Current Status: *Active*

Publication Date: 2005-06-28T08:00:00.000Z

XLink	W3C	Recommendation	[Active]	[XML Linking Language (XLink) Version 1.1](#)

Current Status: *Active*

Publication Date: 2010-05-06T08:00:00.000Z

XML DSIG CORE 1	W3C	Recommendation	[Active]	[XML Signature Syntax and Processing Version 1.1](#)

Current Status: *Active*

Publication Date: 2013-04-11T07:00:00.000Z

XML DSIG CORE 2	W3C	Note	[Active]	[XML Signature Syntax and Processing Version 2.0](#)

Current Status: *Active*

Publication Date: 2015-07-23T07:00:00.000Z

Media Standards Registry

XML ESP 11	W3C	Recommendation	[Active]	[XML Encryption Syntax and Processing Version 1.1](#)

Current Status: *Active*

Publication Date: 2013-04-11T08:00:00.000Z

| XML ESP | W3C | Recommendation | [Superseded] | [XML Encryption Syntax and Processing](#) |

Superseding Document(s):
[XML ESP 11](#)
[Active]

Current Status: *Superseded*

Publication Date: 2002-12-10T08:00:00.000Z

| XML SCHEMA 1 | W3C | Recommendation | [Superseded] | [XML Schema Part 1: Structures Second Edition](#) |

Superseding Document(s):
[XML SCHEMA 1](#)
[Active]

Current Status: *Superseded*

Publication Date: 2001-05-02T07:00:00.000Z

| XML SCHEMA 1 | W3C | Recommendation | [Active] | [XML Schema Part 1: Structures Second Edition](#) |

Current Status: *Active*

Publication Date: 2004-10-28T07:00:00.000Z

| XML SCHEMA 2 | W3C | Recommendation | [Active] | [XML Schema Part 2: Datatypes Second Edition](#) |

Current Status: *Active*

Publication Date: 2004-10-28T07:00:00.000Z

| XML SP | W3C | Recommendation | [Active] | [XML Schema Part 0: Primer Second Edition](#) |

Current Status: *Active*

Publication Date: 2004-10-28T07:00:00.000Z

| XML DSIG Core | W3C | Recommendation | [Superseded] | [XML Signature Syntax and Processing](#) |

Superseding Document(s):
[XML DSIG CORE 1](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2013-02-12T07:00:00.000Z

| XML XSD 11 P1 | W3C | Recommendation | [Active] | [XML Schema Definition Language (XSD) 1.1 Part 1: Structures](#) |

Current Status: *Active*

Publication Date: 2012-04-05T07:00:00.000Z

Media Standards Registry

XML XSD 11 P2	W3C	Recommendation	[Active]	[XML Schema Definition Language (XSD) 1.1 Part 2: Datatypes](#)

Current Status: *Active*

Publication Date: 2012-04-05T07:00:00.000Z

XML	W3C	Recommendation	[Superseded]	[Extensible Markup Language (XML) 1.0 (3rd Edition)](#)

Superseding Document(s):
[XML](#) *[Active]*

Current Status: *Superseded*

Publication Date: 2004-02-04T08:00:00.000Z

XML	W3C	Recommendation	[Active]	[Extensible Markup Language (XML) 1.0 (Fifth Edition)](#)

Current Status: *Active*

Publication Date: 2008-11-26T08:00:00.000Z

XML XPL	W3C	Recommendation	[Superseded]	[XML Path Language (XPath) V1.0](#)

Superseding Document(s):
[XML XPL](#) *[Active]*

Current Status: *Superseded*

Publication Date: 1999-11-16T07:00:00.000Z

XML XPL	W3C	Recommendation	[Active]	[XML Path Language (XPath) 3.1](#)

Current Status: *Active*

Publication Date: 2017-03-21T07:00:00.000Z

X.509 SG	Private	StyleGuide	[Active]	[X.509 Style Guide](#)

Current Status: *Active*

Publication Date: 2000-10-01T07:00:00.000Z