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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AES11-2003	AES	Standard	[Superseded] **Superseded by:** [AES11-2009 (r2019)](#) *[Amended]*	[AES recommended practice for digital audio engineering - Synchronization of digital audio equipment in studio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				Current Status: *Superseded*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] **Amended by:** [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AES3-2003	AES	Standard	[Superseded] **Superseded by:** [AES3-2009 (r2019)](#) *[Active]*	[AES standard for digital audio engineering - Serial transmission format for two-channel linearly represented digital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				Current Status: *Superseded*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

AES5-2003	AES	Standard	[Superseded] **Superseded by:** [AES5-2008](#) *[Superseded]*	[AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code modulation](#)
				Current Status: *Superseded*

AES5-2008	AES	Standard	[Superseded] **Superseded by:** [AES5-2018](#) *[Active]*	[AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code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				Current Status: *Superseded*

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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] [Stabilized]	[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
AG-04:2016	SMPTE	Policy	[Superseded] **Superseded by:** [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] **Superseded by:** [AG-06:2020](#) *[Active]*	[Standards Administrative Guideline - Starting a Project](#) **Current Status:** *Superseded* **Publication Date:** 2016-06-20T07:00:00.000Z

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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

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] **Superseded by:** [ATSC A/52:2015](#) *[Superseded]*	DIGITAL AUDIO COMPRESSION (AC-3) (E-AC-3) STANDARD, Annex A, 'AC-3 Elementary Streams in an MPEG-2 Multiplex'
				Current Status: *Superseded*
				Publication Date: 1995-04-12T07:00:00.000Z

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ATSC A/52:2015	ATSC	Standard	**[Superseded]** **Superseded by:** [ATSC A/52:2018](#) *[Active]*	[DIGITAL AUDIO COMPRESSION (AC-3) (E-AC-3) STANDARD](#) **Current Status:** *Superseded* **Publication Date:** 2015-11-24T07:00:00.000Z
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]** **Superseded by:** [CIE 015:2018](#) *[Active]*	[COLORIMETRY, 3RD EDITION](#) **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]** **Superseded by:** [CIE 015:2004](#) *[Superseded]*	Colorimetry (Second Edition) **Current Status:** *Superseded*
CMR - Movielabs	Movielabs	Specification	**[Active]**	[COMMON METADATA RATINGS](#) **Current Status:** *Active*

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DCSS v1.2 2012-1010	DCI	Specification	[Superseded] **Superseded by:** DCSS v1.3 2018-0627 *[Superseded]* [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 14** **Current Status:** *Superseded* **Publication Date:** 2015-09-25T07:00:00.000Z
DCSS v1.2 Errata 15-23 March-31-2016	DCI	Specification	[Superseded] **Superseded by:** DCSS v1.3 2018-0627 *[Superseded]*	**DCSS Errata 15-23** **Current Status:** *Superseded* **Publication Date:** 2016-03-31T07:00:00.000Z

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`DCSS v1.2 Errata 1-2 2013-0821`	DCI	Specification	[Superseded] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [DCSS v1.3 2018-0627](#) *[Superseded]*	[DCSS Errata 43](#) **Current Status:** *Superseded* **Publication Date:** 2017-10-05T07:00:00.000Z	
`DCSS v1.2 Errata 44-45 2018-0124`	DCI	Specification	[Superseded] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** DCSS v1.4 2020-0720 *[Amended]* [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** DCSS v1.4 2020-0720 *[Amended]*	DCSS Errata 13-17 **Current Status:** *Superseded* **Publication Date:** 2019-08-09T07:00:00.000Z
DCSS v1.3 Errata 18-20 2019-1219	DCI	Specification	[Superseded] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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]** **Superseded by:** [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]
				Amended by:
				[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
`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]** **Superseded by:** [Object-Based Audio Addendum 2018-1001](#) *[Active]*	[Digital Cinema Object-Based Audio Addendum](#) **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

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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
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]**

Superseded by:
EG 42:2015 *[Active]* | [For Television — Material Exchange Format (MXF) — MXF Descriptive Metadata](#)

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 Document(s):
ISO 26432-2:2008 *[Active]*

Bibliographic Reference(s):
ST 202:1998(m) *[Superseded]*
RP 200:2002 *[Superseded]* |

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

Related Document(s):
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]**

Superseded by:
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 |

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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
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] **Superseded by:** ICC.1:2010 *[Amended]*	**Image technology colour management — Architecture, profile format, and data structure** **Current Status:** *Superseded* **Publication Date:** 2004-10-01T07:00:00.000Z
ICC.1:2010	ICC	Specification	[Active] [Amended] **Amended by:** ICC.1:2010 Errata *[Active]*	**Image technology colour management — Architecture, profile format, and data structure** **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

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IEC 61966-2-1:1999	IEC	Standard	[Active] [Amended] **Amended by:** [IEC 61966-2-1:1999/Amd1:2003](#) *[Active]* [IEC 61966-2-1:1999/Cor1:2014](#) *[Active]*	[Multimedia systems and equipment - Colour measurement and management - Part 2-1: Colour management - Default RGB colour space - sRGB](#) **Current Status:** *Amended* **Publication Date:** 1999-10-18T07:00:00.000Z
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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [IEEE Std 9945:2009](#) *[Active]*	[Portable Operating System Interface (POSIX(R)) - Base Definitions](#) **Current Status:** *Superseded* **Publication Date:** 2008-12-01T07:00:00.000Z
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

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RFC 1521	IETF	Standard	**[Superseded]** **Superseded by:** RFC 2045 *[Active]* RFC 2046 *[Amended]* **[Amended]** **Amended by:** RFC 1590 *[Superseded]*	MIME (Multipurpose Internet Mail Extensions) Part One: Mechanisms for Specifying and Describing the Format of Internet Message Bodies **Current Status:** *Superseded* **Publication Date:** 1993-09-01T07:00:00.000Z	
RFC 1590	IETF	Informational	**[Superseded]** **Superseded by:** RFC 2045 *[Active]* RFC 2046 *[Amended]*	Media Type Registration Procedure **Current Status:** *Superseded* **Publication Date:** 1994-03-01T07:00:00.000Z	
RFC 1738	IETF	Standard	**[Superseded]** **Superseded by:** RFC 2396 *[Superseded]*	Uniform Resource Locators (URL) **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]** **[Amended]** **Amended by:** RFC 2646 *[Superseded]* RFC 3798 *[Superseded]* RFC 5147 *[Active]* RFC 6657 *[Active]* RFC 8098 *[Active]*	Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types **Current Status:** *Amended* **Publication Date:** 1996-11-01T07:00:00.000Z	
RFC 2646	IETF	Standard	**[Superseded]** **Superseded by:** RFC 3676 *[Active]*	The Text/Plain Format Parameter **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]** **Superseded by:** RFC 8098 *[Active]*	Message Disposition Notification **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	

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

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

RFC 2234	IETF	Standard	[Superseded] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [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] **Superseded by:** [RFC 4301](#) *[Amended]*	[Security Architecture for the Internet Protocol](#)
				Current Status: *Superseded*
				Publication Date: 1998-11-01T07:00:00.000Z

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RFC 2437	IETF	Informational	**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** RFC 7230 *[Amended]* RFC 7231 *[Active]* RFC 7232 *[Active]* RFC 7233 *[Active]* RFC 7234 *[Active]* RFC 7235 *[Active]*	Hypertext Transfer Protocol -- HTTP/1.1 **Current Status:** *Superseded* **Publication Date:** 1999-06-01T07:00:00.000Z
RFC 2617	IETF	Standard	**[Superseded]** **Superseded by:** RFC 7235 *[Active]* RFC 7615 *[Active]* RFC 7616 *[Active]* RFC 7617 *[Active]*	HTTP Authentication: Basic and Digest Access Authentication **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]** **Amended by:** RFC 5785 *[Superseded]* RFC 7230 *[Amended]*	HTTP Over TLS **Current Status:** *Amended* **Publication Date:** 2000-05-01T07:00:00.000Z
RFC 5785	IETF	Standard	**[Superseded]** **Superseded by:** RFC 8615 *[Active]*	Defining Well-Known Uniform Resource Identifiers (URIs) **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]** **Superseded by:** RFC 4646 *[Superseded]* RFC 4647 *[Active]*	Tags for the Identification of Languages **Current Status:** *Superseded* **Publication Date:** 2001-01-01T07:00:00.000Z

RFC 3174	IETF	Informational	[Active] [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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
RFC 3986	IETF	Standard	[Active] [Amended] **Amended by:** 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] **Superseded by:** RFC 6931 *[Active]*	Additional XML Security Uniform Resource Identifiers (URIs) **Current Status:** *Superseded* **Publication Date:** 2005-04-01T07:00:00.000Z

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RFC 4055	IETF	Standard	[Active] [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** RFC 6838 *[Active]*	[Media Type Specifications and Registration Procedures](#) **Current Status:** *Superseded* **Publication Date:** 2005-12-01T08:00:00.000Z
RFC 4301	IETF	Standard	[Active] [Amended] **Amended by:** 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] **Superseded by:** 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

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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] **Superseded by:** [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] **Superseded by:** [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

RFC 5234 (2008, January)	IETF	Standard	[Active] [Amended] **Amended by:** [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] **Superseded by:** [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] **Amended by:** [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] **Amended by:** [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

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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

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

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RFC 7230	IETF	Standard	[Active] [Amended] **Amended by:** 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] **Superseded by:** 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

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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

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 Document(s):
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 06	ISDCF	Informational		[Withdrawn] [Superseded] **Superseded by:** ST 429-16:2014 *[Active]*	Composition Metadata Guidelines

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

Related Document(s):
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

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 Document(s):** RDD 52:2020 *[Active]*

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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	[Audio] [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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** ISO 10646:2012 *[Withdrawn]*	**Information technology — Universal Coded Character Set (UCS)** **Current Status:** *Withdrawn* **Publication Date:** 2011-03-01T07:00:00.000Z

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ISO 10646:2012	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseded by:** ISO 10646:2014 *[Withdrawn]*	[Information technology — Universal Coded Character Set (UCS)](#) **Current Status:** *Withdrawn* **Publication Date:** 2012-06-01T07:00:00.000Z	
ISO 10646:2014	ISO/IEC	Standard	[Withdrawn] **[Superseded]** **Superseded by:** 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] **Amended by:** 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]** **Superseded by:** 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	

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`ISO 14496-10:2005`	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseded by:** 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] **Amended by:** 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] **Superseded by:** 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	

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ISO 15444-1:2004(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseded by:** ISO 15444-1:2016(en) *[Superseded]* [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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
ISO 15444-1:2004 Amd 8:2015(en)	ISO/IEC	Standard	[DCinema] [JPEG2000]	[Superseded] **Superseded by:** 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] **Superseded by:** 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

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`ISO 15444-1:2004 Cor 2:2008(en)`	ISO/IEC	Standard	`[DCinema]` `[JPEG2000]`	**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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
`ISO 8824-1:2002 (ITU-T X.680)`	ISO/IEC	Standard		**[Withdrawn]** **[Superseded]** **Superseded by:** 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]** **Superseded by:** 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

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ISO 8824-1:2015	ISO/IEC	Standard	[Active] [Amended] **Amended by:** [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
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] **Superseded by:** [ISO 8825-1:2002](#) *[Withdrawn]*	[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:** *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] **Superseded by:** ISO 8825-1:2008 *[Withdrawn]*	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: *Withdrawn*
				Publication Date: 2002-12-01T07:00:00.000Z

ISO 8825-1:2008	ISO/IEC	Standard	[Withdrawn] [Superseded] **Superseded by:** ISO 8825-1:2015 *[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: *Withdrawn*
				Publication Date: 2008-12-01T07:00:00.000Z

ISO 10527:2007	ISO	Standard	[Withdrawn] [Superseded] **Superseded by:** ISO 11664-1:2007 *[Withdrawn]* [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** 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

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`ISO 12639:2004(E)`	ISO	Standard		[Active] [Amended] **Amended by:** [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] **Superseded by:** [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
`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] **Superseded by:** [ISO 3166-1:1997](#) *[Withdrawn]*	[Codes for the representation of names of countries](#) **Current Status:** *Withdrawn* **Publication Date:** 1993-12-01T07:00:00.000Z
`ISO 3166-1:1997`	ISO	Standard		[Withdrawn] [Superseded] **Superseded by:** [ISO 3166-1:2006](#) *[Withdrawn]*	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes](#) **Current Status:** *Withdrawn* **Publication Date:** 1997-09-01T07:00:00.000Z
`ISO 3166-1:2006`	ISO	Standard		[Withdrawn] [Superseded] **Superseded by:** [ISO 3166-1:2013](#) *[Active]*	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes](#) **Current Status:** *Withdrawn* **Publication Date:** 2006-11-01T07:00:00.000Z
`ISO 3166-1:2006/COR 1:2007`	ISO	Standard		[Withdrawn] [Superseded] **Superseded by:** [ISO 3166-1:2013](#) *[Active]*	[Codes for the representation of names of countries and their subdivisions — Part 1: Country codes — Technical Corrigendum 1](#) **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

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

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

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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] **Amended by:** RE.123 (02/2001) Erratum 1 (05/2008) *[Active]* RE.123 (02/2001) Amd. 1 (05/2008) *[Active]*	**Notation for national and international telephone numbers, e-mail addresses and web addresses** **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
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] **Superseded by:** REC H.265 *[Active]*	**High efficiency video coding** **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

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X.509, Jun 1997 E	ITU-T	Standard	**[Superseded]** **Superseded by:** X.509, Jun 1997 E *[Active]*	[Information technology - Open Systems Interconnection - The Directory: Authentication framework](#) **Current Status:** *Superseded* **Publication Date:** 1997-08-09T07:00:00.000Z
FIPS 140-2	NIST	Standard	**[Superseded]** **Superseded by:** FIPS 140-3 *[Active]*	[Security Requirements for Cryptographic Modules](#) **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]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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

Media Standards Registry

FIPS 197	NIST	Standard	[Active]	**Advanced Encryption Standard (AES)**
				Current Status: *Active*
				Publication Date: 2001-11-26T07:00:00.000Z

FIPS 198	NIST	Standard	[Withdrawn] [Superseded] **Superseded by:** 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] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** [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] **Superseded by:** [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
`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

Media Standards Registry

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 Reference(s):
ST 291:2006(m) *[Superseded]*
ST 292:2008 *[Superseded]*
ST 372:2009 *[Superseded]*
FIPS 197 *[Active]*

Bibliographic Reference(s):
ST 430-6:2008 *[Superseded]*

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 Reference(s):
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]

Superseded by:
RDD 29:2019
[Active]

Dolby Atmos® Bitstream Specification

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
Assigned Group: 21DC DG_RDD_52 | Project Link
TC Approved: Yes

Normative Reference(s):

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
Assigned Group: 21DC DG_RDD_53 | Project Link
TC Approved: Yes

<u>Media Standards Registry</u>

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
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] **Superseded by:** [RP 155:2014](#) *[Active]*	[Reference Levels for Analog and Digital Audio Systems](#) **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] [Stabilized]	[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] **Superseded by:** [RP 200:2012](#) *[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:** *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
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]** **Superseded by:** [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]** **Superseded by:** [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	**[Withdrawn]**	[SMPTE Recommended Practice - Metadata Element Dictionary](#) **Current Status:** *Withdrawn* **Details:** *Registers of all published SMPTE metadata values are now available at http://smpte-ra.org/smpte-metadata-registry* **Related Document(s):** [Published Registers](#) *[Active]*
RP 224v12:2012	SMPTE [30MR]	Recommended Practice	**[Withdrawn]**	[SMPTE Labels Register](#) **Current Status:** *Withdrawn* **Details:** *Registers of all published SMPTE metadata values are now available at http://smpte-ra.org/smpte-metadata-registry* **Related Document(s):** [Published Registers](#) *[Active]*
RP 25:1995	SMPTE [20F]	Recommended Practice	**[Superseded]** **Superseded by:** [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] | **Audio and Picture Synchronization in Motion-Picture Film Relative to Leaders for Television and Theatrical Presentation for Analog Magnetic and Photographic Records**

[Reaffirmed]

[Stabilized]

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

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

Normative Reference(s):

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 Reference(s):

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

Bibliographic Reference(s):

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

Media Standards Registry

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 Reference(s):

ST 428-1:2006
[Superseded]

ST 428-3:2006
[Withdrawn]

RP 155:2004
[Superseded]

Bibliographic Reference(s):

ASA PH22.55-1966
[Unknown]

ST 55:2000
[Superseded]

ST 428-2:2006
[Active]

RP 25:1995
[Superseded]

RP 431-2:2007
[Superseded]

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

Current Status: *Withdrawn*

Details: *No longer needed*

Work Info

Assigned Group: 21DC SMS OMB | Project Link

TC Approved: Yes

Notes: *Closed project, deemed no longer needed by DG*

RP 431-2:2007	SMPTE [21DC]	Recommended Practice	[DCinema] [Quality] [Projection] [Measurement] [Image]	[Superseded] **Superseded by:** RP 431-2:2011 *[Active]*	D-Cinema Quality — Reference Projector and Environment

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 Reference(s):

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

Media Standards Registry

`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*
`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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** ST 12M:2008 *[Superseded]*	For Television — Time and Control Code **Current Status:** *Superseded* **Details:** *Cannot locate*

Media Standards Registry

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] **Superseded by:** ST 202:2010 *[Active]*	Motion-Pictures — Dubbing Theaters, Review Rooms and Indoor Theaters — B-Chain Electroacoustic Response
				Current Status: *Superseded*
				Details: *Cannot locate*

ST 2034-1:2014	SMPTE [31FS]	Standard	[Superseded] **Superseded by:** ST 2034-1:2017 *[Active]*	**Archive eXchange Format (AXF) — Part 1: Structure & Semantics**
				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

Media Standards Registry

ST 2067-101:2014	SMPTE [35PM]	Standard		[Superseded] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** ST 2067-20:2016 *[Withdrawn]*	Interoperable Master Format — Application #2 **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]** **Superseded by:** ST 2067-21:2016 *[Superseded]*	Interoperable Master Format — Application #2 Extended **Current Status:** *Superseded* **Publication Date:** 2014-08-01T07:00:00.000Z
ST 2067-21:2016	SMPTE [35PM]	Standard		**[Superseded]** **Superseded by:** ST 2067-21:2020 *[Active]*	Interoperable Master Format — Application #2E **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]** **Superseded by:** ST 2067-2:2016 *[Superseded]*	Interoperable Master Format — Core Constraints **Current Status:** *Superseded* **Publication Date:** 2013-08-29T07:00:00.000Z
ST 2067-2:2016	SMPTE [35PM]	Standard		**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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

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ST 2067-40:2016	SMPTE [35PM]	Standard	[Active] [Amended] **Amended by:** 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
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] **Superseded by:** ST 2067-5:2020 *[Active]* [Amended] **Amended by:** ST 2067-5:2013 Am1:2016 *[Superseded]*	[Interoperable Master Format — Essence Component](#) **Current Status:** *Superseded* **Details:** *Amended, Superseded* **Publication Date:** 2013-02-21T08:00:00.000Z
ST 2067-5:2013 Am1:2016	SMPTE [35PM]	Standard	[Superseded] **Superseded by:** ST 2067-5:2020 *[Active]*	[Interoperable Master Format — Essence Component](#) **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

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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]** **Superseded by:** [ST 2098-2:2019](#) *[Active]*	[Immersive Audio Bitstream Specification](#)
					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] **Superseded by:** ST 268-1:2014 *[Active]*	**File Format for Digital Moving-Picture Exchange (DPX)** **Current Status:** *Superseded* **Publication Date:** 2014-12-29T07:00:00.000Z
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] **Superseded by:** ST 268:2014 *[Superseded]* [Amended] **Amended by:** ST 268:2003 Am1:2012 *[Superseded]*	**File Format for Digital Moving-Picture Exchange (DPX), Version 2.0** **Current Status:** *Superseded* **Publication Date:** 2003-05-05T07:00:00.000Z
ST 268:2003 Am1:2012	SMPTE [31FS]	Standard		[Superseded] **Superseded by:** ST 268:2014 *[Superseded]*	**File Format for Digital Moving-Picture Exchange (DPX) — Amendment 1** **Current Status:** *Superseded* **Publication Date:** 2012-07-03T07:00:00.000Z
ST 274:2003(m)	SMPTE [10E]	Standard		[Superseded] **Superseded by:** ST 274:2005(m) *[Superseded]*	Television — 1920 × 1080 Image Sample Structure, Digital Representation and Digital Timing Reference Sequences for Multiple Picture Rates **Current Status:** *Superseded* **Details:** *Cannot locate*

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ST 274:2005(m)	SMPTE [10E]	Standard	**[Superseded]** **Superseded by:** ST 274:2008(m) *[Active]*	Television — 1920 × 1080 Image Sample Structure, Digital Representation and Digital Timing Reference Sequences for Multiple Picture Rates **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 274:2008(m)	SMPTE [10E]	Standard	**[Active]** **[Reaffirmed]** **[Stabilized]**	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]** **Superseded by:** ST 291:2011 *[Superseded]*	Ancillary Data Packet and Space Formatting **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 291:2011	SMPTE [32NF]	Standard	**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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] **Superseded by:** ST 292-1:2011 *[Superseded]*	1.5 Gb/s Signal/Data Serial Interface **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 293:2003(m)	SMPTE [10E]	Standard	[Active] [Stabilized]	Television — 720 × 483 Active Line at 59.94-Hz Progressive Scan Production — Digital Representation **Current Status:** *Active* **Publication Date:** 2003-02-7T07:00:00.000Z
ST 296:2011	SMPTE [10E]	Standard	[Superseded] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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]** **Superseded by:** ST 330:2004(m) *[Active]*	Unique Material Identifier (UMID) **Current Status:** *Superseded* **Publication Date:** 2004-02-03T07:00:00.000Z
ST 335:2001	SMPTE [30MR]	Standard		**[Superseded]** **Superseded by:** ST 335:2012 *[Amended]*	Television — Metadata Dictionary Structure **Current Status:** *Superseded* **Publication Date:** 2001-09-18T07:00:00.000Z
ST 335:2012	SMPTE [30MR]	Standard		**[Active]** **[Amended]** **Amended by:** ST 335:2012 Am1 2019 *[Active]*	Metadata Element Dictionary Structure **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]** **Superseded by:** ST 336:2017 *[Active]*	Data Encoding Protocol using Key-Length-Value **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]** **Superseded by:** ST 336:2007 *[Superseded]*	Television - Data Encoding Protocol using Key-Length-Value **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 352:2010	SMPTE [32NF]	Standard		**[Superseded]** **Superseded by:** ST 352:2011 *[Superseded]*	Payload Identification Codes for Serial Digital Interfaces **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 352:2011	SMPTE [32NF]	Standard		**[Superseded]** **Superseded by:** 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

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ST 352:2002(m)	SMPTE [32NF]	Standard		[Superseded] **Superseded by:** ST 352:2010 *[Superseded]*	Payload Identification Codes for Serial Digital Interfaces **Current Status:** *Superseded* **Details:** *Cannot locate*
ST 372:2009	SMPTE [32NF]	Standard		[Superseded] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** 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] **Superseded by:** ST 377-1:2019 *[Active]* [Amended] **Amended by:** 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] **Superseded by:** 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] **Superseded by:** 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	Standard	[DCinema]	[Superseded]	Material Exchange Format (MXF) — File Format Specification

[MXF Core]

Superseded by:
ST 377-1:2009
[Superseded]

appropriate for use in D-Cinema)

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

Normative Reference(s):

ST 298:1997(m)
[Superseded]

ST 336:2001(m)
[Superseded]

RP 210v13:2012
[Withdrawn]

RP 224v12:2012
[Withdrawn]

IEEE 754:1985
[Superseded]

BS.1196 (1995) Annex 2
[Superseded]

ISO 11578-1:1998
[Active]

Bibliographic Reference(s):

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] **Superseded by:** ST 379-1:2011 *[Superseded]*	Material Exchange Format (MXF) — File Format Specification **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
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

For ST 377-4:2012:

Normative Reference(s):
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 379:2004	SMPTE [31FS]	Standard	[DCinema] [MXF Core]	**[Superseded]** **Superseded by:** ST 379-1:2009 *[Active]*	Material Exchange Format (MXF) — MXF Generic Container **Current Status:** *Superseded* (Future versions are not appropriate for use in D-Cinema)* **Publication Date:** 2004-09-22T07:00:00.000Z
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] **Amended by:** ST 382:2007 AM1:2012 *[Active]* ST 382:2007 AM2:2013 *[Active]*	Material Exchange Format — Mapping AES3 and Broadcast Wave Audio into the MXF Generic Container **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]** **Superseded by:** 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*

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Standard	SMPTE Group	Type	Tags	Status	Title / Details
ST 395:2003	SMPTE [30MR]	Standard		**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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]** **Superseded by:** 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
ST 422:2013	SMPTE [31FS]	Standard		**[Superseded]** **Superseded by:** 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]** **Superseded by:** 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

Media Standards Registry

`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]** **Superseded by:** [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]** **Superseded by:** [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]** **Superseded by:** [ST 425:2017](#) *[Active]* [Amended] **Amended by:** [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]** **Superseded by:** [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]** **Superseded by:** [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]** **Superseded by:** [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 Reference(s):

[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

Work Info

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

Notes: *References*

Normative Reference(s):

[ST 429-8:2007](#) *[Active]*

[XML](#) *[Superseded]*

[XML SCHEMA 1](#) *[Active]*

[XML SCHEMA 2](#) *[Active]*

[RFC 2396](#) *[Superseded]*

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

Superseded by:
[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 Document(s):
[ISO 26428-11:2011](#) *[Active]*

ST 427:2009   SMPTE [21DC]   Standard   [DCinema] [Operations] [Security] [SDI]

ISO 26428-11:2011   ISO [TC36]   Standard

[DCinema]   [Active]
[DCDM]   [Reaffirmed]
[Distribution]

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

Related Document(s):
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

Normative Reference(s):

ST 428-1:2006
[Superseded]

ST 428-2:2006
[Active]

Work Info

Assigned Group: 21DC DG_Doc_Mx

Notes: *Should be updated as per GH issue*

Bibliographic Reference(s):

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 Reference(s):

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 Document(s):
[ISO 26428-19:2011](#)
[Active]

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

Bibliographic Reference(s):
[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
Assigned Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

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

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

ST 428-1:2006 | SMPTE [21DC] | Standard | [DCinema] [DCDM] [DCP Core] [Distribution] [Image] | [Superseded] **Superseded by:** [ST 428-1:2019](#) *[Active]* [Reaffirmed] | [D-Cinema Distribution Master (DCDM) - Image Characteristics](#)

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 Document(s):
[ISO 26428-1:2008](#) *[Active]*

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

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

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

Normative Reference(s):
[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
> **Assigned 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 Document(s):
[ISO CD 26428-1](#) *[Draft]*

Normative Reference(s):	Bibliographic Reference(s):
[CIE 015:2004](#) *[Superseded]*	[RP 431-2:2011](#) *[Active]*
[ST 431-1:2006](#) *[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
> **Assigned Group:** TC36 WG2
>
> **Related Document(s):**
> [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 Reference(s):	Bibliographic Reference(s):
[ST 428-1:2006](#) *[Superseded]*	[ST 428-11:2009](#) *[Superseded]*
[ST 428-2:2006](#) *[Active]*	[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

Assigned 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 Document(s):
ISO 26428-2:2008 *[Active]*

Normative Reference(s):	Bibliographic Reference(s):
AES3-2003	AES5-2003
[Superseded]	*[Superseded]*
	AES11-2003
	[Superseded]
	AES-R2-2004 (s2012)
	[Active]

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

Work Info

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

Related Document(s):
ST 428-2:2006 *[Active]*

Normative Reference(s):
AES3-2003
[Superseded]

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 Document(s):
ISO 26428-3:2008 *[Active]*

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

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

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 Reference(s):

AES3-2003

[Superseded]

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

Related Document(s):
ST 428-3:2006 *[Withdrawn]*

ST 428-7:2007	SMPTE [21DC]	Standard	[DCinema] [DCDM] [DCP Core] [Distribution] [Subtitles]	[Superseded]	

Superseded by:
ST 428-7:2010
[Superseded]

Digital CinemaDistribution Master —Subtitle

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]	

Superseded by:
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

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/428-7/2010/DCST
http://www.smpte-ra.org/schemas/428-7/2014/DCST

Normative Reference(s):

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
Assigned Group: 21DC DG_Sub_AdHoc | Project Link
TC Approved: Yes

Normative Reference(s):
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] [DCDM] [Distribution] [Image] [SDI]	[Active] [Reaffirmed]	D-Cinema Distribution Master - Image Pixel Structure Level 3 - Serial Digital Interface Signal Formatting

Current Status: *Active*

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

Related Document(s):
ISO 26428-9:2009 *[Active]*

Normative Reference(s):
ST 291:2006(m) *[Superseded]*
ST 428-1:2006 *[Superseded]*

Bibliographic Reference(s):
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] [DCDM] [Distribution] [Image]	[Active] [Reaffirmed]	Digital cinema (D-cinema) distribution master — Part 9: Image pixel structure level 3 — Serial digital interface signal formatting

Current Status: *Active*

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

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

Related Document(s):
ST 428-9:2008 *[Active]*

Normative Reference(s):
ST 291:2006(m) *[Superseded]*
ST 428-1:2006 *[Superseded]*

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

[DCP Core]

[Distribution]

[Image]

[Packaging]

[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

Work Info

Assigned Group: [21DC DG_Doc_Mx](#) | [Action Items](#)

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Jack Watts

Dependent on updates to: [st429-7-2006](#) *[Active]*

Notes: *References*

XML Namespace(s) Defined:

[http://www.smpte-ra.org/schemas/429-10/2008/Main-Stereo-Picture-CPL](#)

Related Document(s):

[ISO 26429-10:2009](#) *[Active]*

Bibliographic Reference(s):

[ST 336:2007](#)

[Superseded]

[ST 422:2006(m)](#)

[Superseded]*

[ST 429-4:2006](#)

[Superseded]

[EG 41:2004](#)

[Withdrawn]

[EG 42:2004](#)

[Superseded]

Normative Reference(s):

[ST 298:1997(m)](#)

[Superseded]

[ST 377:2004(m)](#)

[Superseded]*

[ST 429-3:2006](#)

[Superseded]

[ST 429-7:2006](#)

[Active]

[RP 210v13:2012](#)

[Withdrawn]

[XML](#)

[Superseded]

[XML SCHEMA 1](#) *[Active]*

[XML SCHEMA 2](#) *[Active]*

[RFC 2396](#)

[Superseded]

[RFC 4122](#)

[Active]

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

Related Document(s):
ST 429-10:2008 *[Active]*

Normative Reference(s):
ST 298:1997(m)
[Superseded]
ST 377:2004(m)
[Superseded]*
ST 429-3:2006
[Superseded]
ST 429-7:2006
[Active]
RP 210v13:2012
[Withdrawn]
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
Assigned Group: 21DC DG_Doc_Mx | Action Items
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Jack Watts
Dependent on updates to:
st429-7-2006 *[Active]*

Notes: *References*

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/429-12/2008/TT

Normative Reference(s):
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]

[Active]

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

| 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

Assigned Group: 21DC DG_Doc_Mx

Notes: *Need to update based on any updates made to 428-11*

Normative Reference(s):

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: ?

Notes: *Schema, discussion started in GitHub*

XML Namespace(s) Defined:

http://www.smpte-ra.org/schemas/429-14/2014/Aux-Data

Normative Reference(s):

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 Reference(s):

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Jack Watts / Steve LLamb

Notes: *References, and additional work requests*

XML Namespace(s) Defined:

http://www.smpte-ra.org/schemas/429-16/2014/CPL-Metadata

Bibliographic Reference(s):

ISO 3166-1:2006

[Withdrawn]

UN SCAC R4 *[Active]*

ISDCF Doc 01

[Active]

IANA LSR

[Active]

RFC 4647

[Active]

CMR - Movielabs

[Active]

Normative Reference(s):

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]*

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 1 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Matt Sheby

Notes: *Norm Ref*

Normative Reference(s):

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
Assigned Group: 21DC DG_Doc_Mx
Review Period: 1 Year
Review Date: 2020-03-12T07:00:00.000Z
Recommendation: Reaffirm
TC Approved: Yes

Normative Reference(s):

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
Assigned 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 Reference(s):

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] **Superseded by:** 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]** **Superseded by:** ST 429-2:2013 *[Superseded]* **[Amended]** **Amended by:** 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]** **Superseded by:** 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]** **Superseded by:** ST 429-2:2019 *[Active]* **[Amended]** **Amended by:** ST 429-2:2013 Am1:2018 *[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 Reference(s):** 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 Reference(s):

[ST 336:2007](#)

[Superseded]

[RP 224v12:2012](#)

[Withdrawn]

[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]** **Superseded by:** [ST 429-2:2019](#) *[Active]* | [D-Cinema Packaging – DCP Operational Constraints](#) **Current Status:** *Superseded* **Publication Date:** 2019-01-25T08:00:00.000Z | **Normative Reference(s):** [ST 379-1:2011](#) | **Bibliographic Reference(s):** [ST 336:2007](#) |

Media Standards Registry

Notes: *Pushed back to FCD - as ST 429-2:2019 Am 1:2020 - fix references and merge into 2020*

[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

[Superseded]
RP 224v12:2012

[Withdrawn]
XML

[Superseded]
XML

XML SCHEMA 1 [Active]

XML SCHEMA 2 [Active]

RFC 2046

[Amended]

[Active]

[RFC 4122](#)

[Active]

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

Work Info
Assigned Group: [21DC DG_Doc_Mx](#) | [Project Link](#)

Normative Reference(s):

[ST 377:2004(m)](#)
[Superseded]*
[ST 377-4:2012](#)
[Active]
[ST 382:2007](#)
[Active]
[ST 400:2012](#)
[Active]
[ST 422:2006(m)](#)
[Superseded]*
[ST 428-1:2006](#)
[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](#)

Bibliographic Reference(s):

[ST 336:2007](#)
[Superseded]
[RP 224v12:2012](#)
[Withdrawn]
[ST 428-11:2013](#)
[Active]
[ST 429-13:2009](#)
[Active]
[XML](#)
[Superseded]
[XML SCHEMA 1](#) *[Active]*
[XML SCHEMA 2](#) *[Active]*
[RFC 2046](#)
[Amended]

[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]

| 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

Assigned Group: [21DC DG_Doc_Mx](#) | [Action Items](#) | [Project Link](#)

Assigned to: TC Chairs

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 Reference(s):	Bibliographic Reference(s):
[ST 377:2004(m)](#)	[RP 224v12:2012](#)
[Superseded*]	[Withdrawn]
[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]

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
Assigned Group: [21DC DG_Doc_Mx](#) | [Action Items](#)
Assigned to: TC Chairs

Normative Reference(s):	Bibliographic Reference(s):
[ST 377:2004(m)](#)	[RP 224v12:2012](#)
[Superseded]*	*[Withdrawn]*
[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]

| ST 429-3:2006 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Image] [Sound] [MXF Application] [JPEG2000] | **[Superseded]** **Superseded by:** 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 Document(s): ISO 26429-3:2008 *[Active]*

Normative Reference(s):	Bibliographic Reference(s):
ST 330:2004(m) *[Superseded]*	ST 336:2007 *[Superseded]*
ST 377:2004(m) *[Superseded*]*	EG 41:2004 *[Withdrawn]*
ST 390:2004(m) *[Superseded]*	EG 42:2004 *[Superseded]*
RP 224v12:2012 *[Withdrawn]*	RFC 4539 *[Active]*
RFC 2046 *[Amended]*	

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

Assigned Group: TC36 WG2

Review Period: Systematic

Review Date: 2019-10-29T07:00:00.000Z

Recommendation: Stabilize

Related Document(s): ST 429-3:2007 *[Active]*

Normative Reference(s):
ST 330:2004(m) *[Superseded]*
ST 377:2004(m) *[Superseded*]*
ST 390:2004(m) *[Superseded]*
RP 224v12:2012 *[Withdrawn]*
RFC 2046 *[Amended]*

ST 429-4:2006　　SMPTE [21DC]　　Standard

[DCinema]
[Packaging]
[DCP Core]
[Image]
[MXF Application]
[JPEG2000]

[Superseded]

Superseded by:
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 Document(s):
ISO 26429-4:2008 *[Active]*

Normative Reference(s):

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

Current Status: *Active*

Publication Date: 2008-09-01T07:00:00.000Z
Reaffirmed Date: 2018-01-01T07:00:00.000Z

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

Related Document(s):
ST 429-4:2006 *[Superseded]*

Normative Reference(s):

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 429-4:2006　　SMPTE [21DC]　　Standard

[DCinema]
[Packaging]
[DCP Core]
[Image]
[MXF Application]
[JPEG2000]

[Superseded]

Superseded by:
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

Normative Reference(s):

ST 377:2004(m)

| 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

Assigned Group: 21DC DG_AFR | Project Link

TC Approved: Yes

Notes: *AFR DG*

Normative Reference(s):

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 Reference(s):

ST 298:2009
[Active]

ST 422:2006(m)
[Superseded]*

ST 429-7:2006
[Active]

ST 429-8:2007
[Active]

RP 224v12:2012
[Withdrawn]

ISO 646:1991
[Active]

| ST 429-5:2009 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Subtitles] [Captions] [Accessibility] [MXF Application] | [Superseded] | D-Cinema Packaging — Timed Text Track File |

Superseded by:
ST 429-5:2017
[Active]

Current Status: *Superseded*

Publication Date: 2009-03-09T07:00:00.000Z
Superseded Date: 2017-12-27T08:00:00.000Z

| ST 429-4:2020 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Image] [MXF Application] [JPEG2000] | [Active] | D-Cinema Packaging - MXF JPEG 2000 Application |

ST 429-5:2017   SMPTE [21DC]   Standard

[DCinema]

[Packaging]

[DCP Core]

[Subtitles]

[Captions]

[Accessibility]

[MXF Application]

[Active]

[Reaffirmed]

D-Cinema Packaging — Timed Text Track File

Current Status: *Active*

Publication Date: 2017-12-27T08:00:00.000Z

Reaffirmed Date: 2019-11-13T08:00:00.000Z

Work Info

Assigned 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 Reference(s):

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 Reference(s):

ST 336:2007
[Superseded]

ST 428-7:2014
[Active]

RP 210v13:2012
[Withdrawn]

RP 224v12:2012
[Withdrawn]

| ST 429-6:2006 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Security] [MXF Application] | [Active] [Amended] | D-Cinema Packaging - MXF Track File Essence Encryption |

Amended by:
ST 429-6:2006 Am1:2018 [Active]

Current Status: *Amended*

Publication Date: 2006-10-03T07:00:00.000Z

Related Document(s):
ISO 26429-6:2008 [Active]

Normative Reference(s):	Bibliographic Reference(s):
ST 336:2001(m) *[Superseded]*	ST 298:1997(m) *[Superseded]*
ST 377:2004(m) *[Superseded*]*	ST 390:2004(m) *[Superseded]*
ST 429-3:2006 *[Superseded]*	RP 205:2000 *[Superseded]*
IETF 2898 *[Active]*	RP 210v13:2012 *[Withdrawn]*
IETF 2104 *[Amended]*	RP 224v12:2012 *[Withdrawn]*
NIST SP 800-38A *[Amended]*	EG 41:2004 *[Withdrawn]*
FIPS 197 *[Active]*	EG 42:2004 *[Superseded]*
FIPS PUB 186-2 *[Withdrawn]*	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
Assigned 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 Document(s):
ST 429-6:2006 [Amended]

Normative Reference(s):
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 | SMPTE [21DC] | Standard | [DCinema] [Packaging] [DCP Core] [Security] [MXF Application] | [Active] [Amended] | |

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

Assigned 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 Reference(s):	Bibliographic Reference(s):
[ST 336:2001(m)](#)	[ST 298:1997(m)](#)
[Superseded]	*[Superseded]*
[ST 377:2004(m)](#)	[ST 390:2004(m)](#)
[Superseded]*	*[Superseded]*
[ST 377-1:2011 Am 1:2012](#)	[RP 205:2000](#)
[Superseded]	*[Superseded]*
[IETF 2898](#)	[RP 210v13:2012](#)
[Active]	*[Withdrawn]*
[IETF 2104](#)	[RP 224v12:2012](#)
[Amended]	*[Withdrawn]*
[NIST SP 800-38A](#)	[EG 41:2004](#)
[Amended]	*[Withdrawn]*
[FIPS 197](#)	[EG 42:2004](#)
[Active]	*[Superseded]*
[FIPS PUB 186-2](#)	[ISO 14496-10:2005](#)
[Withdrawn]	*[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   Standard   [DCinema]   [Active]   [D-Cinema Packaging - Composition Playlist](#)
                 [21DC]
                                        [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

Normative Reference(s):

[XML](#)

[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]*

Work Info

Assigned Group: [21DC DG_Doc_Mx |](#) [Action Items](#)

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: John H, Julian Pinn

Notes: *Schema, wrap all docs that reference this*

XML Namespace(s) Defined:

https://www.smpte-ra.org/schemas/429-7/2006/CPL

Related Document(s):

[ISO 26429-7:2008](#) *[Active]*

Bibliographic Reference(s):

[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
Assigned Group: TC36 WG2

Review Period: Systematic

Review Date: 2019-10-29T07:00:00.000Z

Recommendation: Stabilize

Related Document(s):

ST 429-7:2006 *[Active]*

Normative Reference(s):

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   Standard   [DCinema]   [Active]   [D-Cinema Packaging —Packing List](#)   **Normative Reference(s):**
                 [21DC]   [Packaging]   **[XML](#)**
                                       [DCP Core]   *[Superseded]*
                                                                                                                  [XML SCHEMA 1](#) *[Active]*

Current Status: *Active*   **[XML SCHEMA 2](#)** *[Active]*

Publication Date: 2007-06-25T07:00:00.000Z   **[XML DSIG Core](#)**
GitHub: https://github.com/SMPTE/st429-8/issues   *[Superseded]*

> ## Work Info
> **Assigned Group:** [21DC DG_Doc_Mx](#) | [Action Items](#)   **[RFC 3174](#)**
> **Review Period:** 5 Year   *[Amended]*
> **Review Date:** 2019-10-18T07:00:00.000Z   **[RFC 2045](#)**
> **Recommendation:** Revise   *[Active]*
> **TC Approved:** Yes   **[RFC 2046](#)**
> **Assigned to:** ?   *[Amended]*
>   **[RFC 2396](#)**
> **Notes:** *35PM liaison, check refs*   *[Superseded]*

XML Namespace(s) Defined: **[RFC 4122](#)**
http://www.smpte-ra.org/schemas/429-8/2007/PKL   *[Active]*
                                                                                                                 [RFC 4051](#)
Related Document(s):   *[Superseded]*
[ISO 26429-8:2009](#) *[Active]*

Bibliographic Reference(s):
[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
Assigned Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Document(s):
ST 429-8:2007 *[Active]*

Normative Reference(s):

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]
Superseded by:
ST 429-9:2014
[Active]

[Amended]
Amended by:
ST 429-9:2007 Am1:2010
[Superseded]

D-Cinema Packaging —Asset Mapping and File Segmentation

Current Status: *Superseded*
Details: *Amended, Superseded*

Publication Date: 2007-06-25T07:00:00.000Z
Superseded Date: 2014-11-24T08:00:00.000Z

Related Document(s):
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
Assigned Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize
TC Approved: Yes

Related Document(s):
ST 429-9:2007 *[Superseded]*

Normative Reference(s):

ST 429-8:2007 *[Active]*

RFC 1738 *[Superseded]*

RFC 2396 *[Superseded]*

RFC 4122 *[Active]*

XML *[Superseded]*

XML SCHEMA 1 *[Active]*

XML SCHEMA 2 *[Active]*

ISO 26429-8:2009   ISO [TC36]   Standard

[DCinema]
[Packaging]
[DCP Core]

[Active]
[Reaffirmed]

ST 429-9:2007 Am1:2010	SMPTE [21DC]	Standard	[DCinema] [Packaging] [DCP Core] [Distribution]	**[Superseded]** **Superseded by:** ST 429-9:2014 *[Active]*	**D-Cinema Packaging —Asset Mapping andFile 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
Assigned Group: 21DC DG_Doc_Mx | Action Items
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: ?
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*

XML Namespace(s) Defined:
https://www.smpte-ra.org/schemas/429-9/2007/AM

Normative Reference(s):
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
Assigned Group: 21DC DG_Doc_Mx | Action Items
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Harold Hallikainen / Jack Watts

Notes: *Remove master/slave terms in section section 6.1*

Normative Reference(s):
ST 336:2007 *[Superseded]*
IANA PN *[Active]*
ST 429-7:2006 *[Active]*
ST 430-11:2010 *[Active]*

D-Cinema Packaging —Asset Mapping andFile Segmentation — Amendment 1

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Jack Watts

Notes: *References and prose update*

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/430-11/2010/RPL

Bibliographic Reference(s):
ST 430-10:2010
[Active]

Normative Reference(s):

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 430-12:2014   SMPTE [21DC]   Standard   [DCinema] [Operations]   [Active] [Amended]

Amended by:
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

Assigned Group: 21DC DG_Doc_Mx | Project Link

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Reaffirm

TC Approved: Yes

Notes: *Amendment just published*

Normative Reference(s):

ST 429-3:2007
[Active]

ST 430-11:2010   SMPTE [21DC]   Standard   [DCinema] [Operations]   [Active]

D-Cinema Operations – Auxiliary Resource Presentation List

Current Status: *Active*

Normative Reference(s):

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

Assigned 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 Reference(s):

ST 429-3:2007

[Active]

ST 400:2012

[Active]

Bibliographic Reference(s):

ST 377-4:2012

[Active]

ST 429-16:2014

[Active]

ST 430-14:2015   SMPTE [21DC]   Standard   [DCinema]   [Active]   D-Cinema Operations - Digital Sync Signal and Aux Data Transfer Protocol

[Operations]

Current Status: *Active*

Publication Date: 2015-10-08T07:00:00.000Z

Normative Reference(s):

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]

ST 430-14:20XX SMPTE [21DC] Standard [DCinema] [Draft] D-Cinema Operations - Digital Sync Signal and Aux Data Transfer Protocol

[Operations]

Current Status: *Draft*

Details: *FCD Ballot - Comment Resolution*

GitHub: https://github.com/SMPTE/st430-14/issues

> **Work Info**
>
> **Assigned Group:** 21DC DG_SMS_OMB | Project Link
>
> **TC Approved:** Yes

Normative Reference(s):

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 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

Assigned 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*

XML Namespace(s) Defined:

http://www.smpte-ra.org/ns/430-15/2017/SiteList

Bibliographic Reference(s):

RTF ASD NBSA 2000

[Active]

ST 429-2:2013

[Superseded]

ST 430-1:2017

[Amended]

tlpcs

[Active]

Normative Reference(s):

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]

ST 430-16:2017   SMPTE [21DC]   Standard   [DCinema]   [Active]   **D-Cinema Operations – Extended Facility List Message**

[Operations]

Current Status: *Active*

Publication Date: 2017-08-23T07:00:00.000Z

GitHub: https://github.com/SMPTE/st430-16/issues

> ### Work Info
> **Assigned Group:** 21DC DG_Doc_Mx | Action Items
> **Recommendation:** Revise
> **TC Approved:** Yes
> **Assigned to:** Matt Sheby
>
> **Notes:** *Example texts / schema - to look into notes, ask Mark Walker from Cinecert*

XML Namespace(s) Defined:

http://www.smpte-ra.org/ns/430-16/2017/FLM

Normative Reference(s):

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 Reference(s):

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
Assigned Group: 21DC DG_SMS_OMB | Project Link
TC Approved: Yes

Normative Reference(s):
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]	D-Cinema Operations - Key Delivery Message

Superseded by:
ST 430-1:2017 *[Amended]*

[Amended]
Amended by:
ST 430-1:2006 Am1:2009 *[Superseded]*

Current Status: *Superseded*
Details: *Amended, Superseded*

Publication Date: 2006-10-03T07:00:00.000Z
Superseded Date: 2017-01-12T08:00:00.000Z

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/430-1/2006/KDM

Related Document(s):
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
Assigned Group: TC36 WG2

Related Document(s):
ST 430-1:2006 *[Superseded]*

Normative Reference(s):
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]

Superseded by:

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]

Amended by:

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 1 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Matt Sheby

Notes: *Merge with IA amend*

Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Bibliographic Reference(s):

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]

Normative Reference(s):

ST 429-6:2006
[Amended]

ST 430-2:2017
[Active]

ST 430-3:2012
[Active]

RFC 2253
[Superseded]

RFC 3339
[Active]

RFC 4122
[Active]

| ST 430-1:2017 Am 1:2019 | SMPTE [21DC] | Standard | [DCinema] [Operations] [Security] [KDM] | [Active] | D-Cinema Operations – Key Delivery Message |

Current Status: *Active*

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

Normative Reference(s):

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 Reference(s):

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 430-2:2006 | SMPTE [21DC] | Standard | [DCinema] [Operations] [Packaging] [DCP Core] [Security] [KDM] | [Superseded] | D-Cinema Operations - Digital Certificate |

Superseded by:
ST 430-2:2017 *[Active]*

Current Status: *Superseded*

Publication Date: 2006-10-03T07:00:00.000Z
Superseded Date: 2017-01-12T08:00:00.000Z

Related Document(s):
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

Assigned Group: TC36 WG2

Review Period: Systematic

Review Date: 2019-10-29T07:00:00.000Z

Recommendation: Stabilize

Related Document(s):

[ST 430-2:2006](#) *[Superseded]*

Normative Reference(s):

[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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 1 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Matt Sheby

Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

Normative Reference(s):

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 Reference(s):

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]**
Superseded by:
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]**
Superseded by:
ST 430-3:2012
[Active]

[Amended]
Amended by:
ST 430-3:2008 Am2:2012
[Superseded] | D-Cinema Operations - Generic Extra-Theater Message Format

Current Status: *Superseded*
Details: *Amended, Superseded*

Publication Date: 2008-03-03T08:00:00.000Z
Superseded Date: 2012-08-22T07:00:00.000Z

Related Document(s):
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
Assigned Group: TC36 WG2
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Document(s):
ST 430-3:2008 *[Superseded]*

Normative Reference(s):
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]**
Superseded by:
ST 430-3:2012
[Active] | D-Cinema Operations —Generic Extra-Theater Message Format — Amendment 2

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

Assigned Group: 21DC DG_Doc_Mx | Action Items

Review Period: 5 Year

Review Date: 2019-10-18T07:00:00.000Z

Recommendation: Revise

TC Approved: Yes

Assigned to: Matt Sheby

Other Requested Work: *ISO TC36, Resolution 5 (Los Angeles, CA):2019, Request for SMPTE Fast Tracks*

XML Namespace(s) Defined:

http://www.smpte-ra.org/schemas/430-3/2006/ETM

Normative Reference(s):

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]

Amended by:

ST 430-4:2008 Am1:2011 *[Active]*

D-Cinema Operations - Log Record Format Specification

Current Status: *Amended*

Publication Date: 2008-03-03T08:00:00.000Z

Related Document(s):

ISO 26430-4:2009 *[Active]*

Normative Reference(s):

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

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

Related Document(s):
ST 430-4:2008 *[Amended]*

Normative Reference(s):
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]*

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

Work Info
Assigned 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*

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/430-4/2008/LogRecord

Normative Reference(s):
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]*

ST 430-5:2008   SMPTE [21DC]   Standard   [DCinema] [Security] [Operations]

[Superseded]
Superseded by:
ST 430-5:2011
[Active]

D-Cinema Packaging - Security Log Event Class and Constraints

Current Status: *Superseded*

Publication Date: 2008-03-03T08:00:00.000Z
Superseded Date: 2011-09-24T07:00:00.000Z

Related Document(s):
ISO 26430-5:2009 *[Active]*

ISO 26430-5:2009   ISO [TC36]   Standard   [DCinema] [Security] [Operations]

[Active]
[Reaffirmed]

Digital cinema (D-cinema) operations — Part 5: Security log event class and constraints

Current Status: *Active*

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

Work Info
Assigned Group: TC36 WG4

Related Document(s):
ST 430-5:2008 *[Superseded]*

Normative Reference(s):
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] [Security] [Operations]

[Superseded]
Superseded by:
ST 430-5:2011
[Active]

D-Cinema Packaging - Security Log Event Class and Constraints

Current Status: *Superseded*

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**
>
> **Assigned Group:** 21DC DG_Doc_Mx | Action Items
>
> **Review Period:** 5 Year
>
> **Review Date:** 2019-10-18T07:00:00.000Z
>
> **Recommendation:** Revise
>
> **TC Approved:** Yes
>
> **Assigned to:** Matt Sheby
>
> **Notes:** *References*

XML Namespace(s) Defined: http://www.smpte-ra.org/430-5/2008/SecurityLog

Normative Reference(s):

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] **Superseded by:** 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 Document(s): ISO 26430-6:2009 *[Active]*

ISO 26430-6:2009   ISO [TC36]   Standard

[DCinema]
[Security]
[Operations]

[Active]
[Reaffirmed]

Digital cinema (D-cinema) operations — Part 6: Auditorium security messages for intra-theater communications

Current Status: *Active*

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

Reaffirmed Date: 2015-01-01T07:00:00.000Z

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

Related Document(s):
ST 430-6:2008 *[Superseded]*

Normative Reference(s):

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]
[Security]
[Operations]

[Active]

D-Cinema Operations - Auditorium Security Messages for Intra-Theater Communications

Current Status: *Active*

Publication Date: 2010-08-18T07:00:00.000Z

GitHub: https://github.com/SMPTE/st430-6/issues

Work Info
Assigned Group: 21DC DG_Doc_Mx | Action Items
Review Period: 5 Year
Review Date: 2019-10-18T07:00:00.000Z
Recommendation: Revise
TC Approved: Yes
Assigned to: Matt Sheby

Notes: *References*

Normative Reference(s):

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 Reference(s):

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]

ISO 26430-6:2009   ISO [TC36]   Standard

[DCinema]
[Security]
[Operations]

[Active]
[Reaffirmed]

| ST 430-7:2008 | SMPTE [21DC] | Standard | | [Withdrawn]
[Amended]
Amended by:
ST 430-7:2008 Am1:2011
[Withdrawn] | **D-Cinema Operations —Facility List Message**

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]
Amended by:
ST 430-9:2008 Am1:2011 *[Active]* | **D-Cinema Operations - Key Delivery Bundle**

Current Status: *Amended*

Publication Date: 2008-02-01T08:00:00.000Z
GitHub: https://github.com/SMPTE/st430-9/issues

Work Info
Assigned 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*

XML Namespace(s) Defined:
https://smpte-ra.org/schemas/430-9/2008

Related Document(s):
ISO 26430-9:2009 *[Active]* | **Normative Reference(s):**
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 Reference(s):
RFC 1738 *[Superseded]*
RDDL *[Superseded]*
NS XML *[Superseded]*
QAFrame *[Superseded]*
XML SP *[Active]* |

| ST 430-7:2008 | | | | [Withdrawn]
[Amended] | | |

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
Assigned 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 Document(s):
ST 430-9:2008 *[Amended]*

Normative Reference(s):
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 Document(s):
ISO 26430-9:2009/AWI AMD 1 *[Draft]*

Normative Reference(s):
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 Reference(s):
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]

| 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 Document(s):
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

Assigned 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 Document(s):
ISO 26431-1:2008 *[Active]*

Normative Reference(s):	**Bibliographic Reference(s):**
ISO/CIE 10527:1991 *[Withdrawn]*	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
Assigned Group: TC36 WG4
Review Period: Systematic
Review Date: 2019-10-29T07:00:00.000Z
Recommendation: Stabilize

Related Document(s):
ST 431-1:2006 *[Active]*

Normative Reference(s):
ISO 10527:2007 *[Withdrawn]*

ST 433:2008	SMPTE [21DC]	Standard	[DCinema] [XML]	[Active] [Amended]	D-Cinema - XML Data Types

Amended by:
ST 433:2008 Am1:2011 *[Active]*

[Reaffirmed]

Current Status: *Amended*

Publication Date: 2008-03-03T08:00:00.000Z

Reaffirmed Date: 2018-03-15T07:00:00.000Z

Related Document(s):
ISO 26433:2009 *[Active]*

Normative Reference(s):
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 Reference(s):
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
Assigned 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 Document(s):
ST 433:2008 *[Amended]*

Normative Reference(s):
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	SMPTE [21DC]	Standard	[DCinema] [XML]	[Active] [Amended]	D-Cinema - XML Data Types

[Reaffirmed]

| 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

XML Namespace(s) Defined:
http://www.smpte-ra.org/schemas/433/2008/dcmlTypes

Related Document(s):
ISO 26433:2009/AWI AMD 1 *[Draft]*

Normative Reference(s):

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 Reference(s):

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 Document(s):
ST 433:2008 Am1:2011 *[Active]*

| ST 55:2000 | SMPTE [20F] | Standard | | [Superseded] | **35- and 16-mm Television Release Prints — Leaders and Cue Marks** |

Superseded by:
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*

Media Standards Registry

ID	Organization	Type	Status	Document
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] **Superseded by:** Unicode 13.0.0 Annex #9 *[Active]*	**UNICODE BIDIRECTIONAL ALGORITHM** **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
CXML	W3C	Recommendation	[Superseded] **Superseded by:** CXML *[Active]* [Active]	**Canonical XML Version 1.0** **Current Status:** *Active* **Publication Date:** 2001-03-15T08:00:00.000Z
NS XML	W3C	Recommendation	[Superseded] **Superseded by:** NS XML *[Active]*	**Namespaces in XML 1.0 (Second Edition)** **Current Status:** *Superseded* **Publication Date:** 2006-08-16T08:00:00.000Z

Media Standards Registry

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] **Superseded by:** **QAFrame** *[Active]*	**QA Framework: Specification Guidelines**
				Current Status: *Superseded*
				Publication Date: 2004-11-22T08:00:00.000Z

RDDL	W3C	Recommendation	[Superseded] **Superseded by:** **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

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] **Superseded by:** **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

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] **Superseded by:** XML ESP 11 *[Active]*	XML Encryption Syntax and Processing
				Current Status: *Superseded*
				Publication Date: 2002-12-10T08:00:00.000Z

XML SCHEMA 1	W3C	Recommendation	[Superseded] **Superseded by:** XML SCHEMA 1 *[Active]*	XML Schema Part 1: Structures Second Edition
				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

Media Standards Registry

XML DSIG Core	W3C	Recommendation	**[Superseded]** **Superseded by:** XML DSIG CORE 1 *[Active]*	[XML Signature Syntax and Processing](#) **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
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]** **Superseded by:** XML *[Active]*	[Extensible Markup Language (XML) 1.0 (3rd Edition)](#) **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]** **Superseded by:** XML XPL *[Active]*	[XML Path Language (XPath) V1.0](#) **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