

Rank	Name	Title	15-Oct	15-Sep
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2436	2200
2	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	794	740
3	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	725	683
4	120x1g2.pdf	Image Data Compression	554	116
5	133x0b1c2.pdf	Space Packet Protocol	548	583
6	131x0b2ec1.pdf	TM Synchronization and Channel Coding	506	465
7	880x0g2.pdf	Wireless Network Communications Overview for Space Mission Operations	469	348
8	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	410	350
9	211x0b5.pdf	Proximity-1 Space Link Protocol--Data Link Layer	397	392
10	102x0b5s.pdf	Packet Telemetry	381	391
11	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	345	324
12	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	319	228
13	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	316	274
14	101x0b6s.pdf	Telemetry Channel Coding	305	280
15	520x0g3.pdf	Mission Operations Services Concept	277	318
16	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	273	273
17	301x0b4e1.pdf	Time Code Formats	265	320
18	131x0b1s.pdf	TM Synchronization and Channel Coding	263	196
19	130x0g3.pdf	Overview of Space Communications Protocols	259	244
20	132x0b2.pdf	publications/archive/132x0b2.pdf	240	
21	502x0b2c1.pdf	Orbit Data Messages	236	331
22	122x0b1c3.pdf	Image Data Compression	226	227
23	355x0b1.pdf	publications/archive/355x0b1.pdf	214	
24	508x0b1e1.pdf	Conjunction Data Message	211	199
25	231x1o1.pdf	Short Block Length LDPC Codes for TC Synchronization and Channel Coding	209	184
26	500x0g3.pdf	Navigation Data—Definitions and Conventions	208	169
27	732x0b3.pdf	publications/archive/732x0b3.pdf	205	
28	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	200	184
29	121x0b2.pdf	Lossless Data Compression	200	231
30	311x0m1.pdf	Reference Architecture for Space Data Systems	191	160
31	120x0g3.pdf	Lossless Data Compression	190	209
32	231x0b2c1.pdf	TC Synchronization and Channel Coding	188	174
33	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	185	158

34	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	184	157
35	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	182	181
36	232x0b3.pdf	publications/archive/232x0b3.pdf	181	
37	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	179	162
38	301x0b3s.pdf	Time Code Formats	178	218
39	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	176	123
40	706x2g1.pdf	Voice Communications	174	204
41	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	166	143
42	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	163	157
43	101x0b4s.pdf	Telemetry Channel Coding	162	127
44	301x0b2s.pdf	Time Code Formats	158	156
45	414x0g2.pdf	Pseudo-Noise (PN) Ranging Systems	152	179
46	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	151	120
47	232x0b1s.pdf	TC Space Data Link Protocol	150	147
48	211x1b4.pdf	Proximity-1 Space Link Protocol--Physical Layer	142	112
49	850x0g2.pdf	Spacecraft Onboard Interface Services	140	99
50	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	140	142
51	130x0g1s.pdf	Overview of Space Link Protocols	136	121
52	232x1b2.pdf	Communications Operation Procedure-1	134	139
53	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	129	90
54	732x0b1s.pdf	AOS Space Data Link Protocol	125	115
55	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	121	105
56	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	120	105
57	651x1b1.pdf	Producer-Archive Interface Specification (PAIS)	118	91
58	652x1m1.pdf	publications/archive/652x1m1.pdf	116	124
59	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	115	122
60	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	115	98
61	660x0b1.pdf	XML Telemetric and Command Exchange (XTCE)	112	131
62	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	110	127
63	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	109	78
64	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	108	92
65	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	108	80

66	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	107	115
67	717x0b1s.pdf	Space Communications Protocol Specification (SCPS)—File Protocol (SCPS-FP)	106	52
68	200x0g6.pdf	Telecommand Summary of Concept and Rationale	106	130
69	130x2g3.pdf	publications/archive/130x2g3.pdf	105	
70	720x1g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	105	110
71	735x1b1.pdf	Asynchronous Message Service	105	118
72	130x1g1e1s.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	104	49
73	702x1b1c1.pdf	IP over CCSDS Space Links	101	95
74	660x0g1.pdf	XML Telemetric and Command Exchange (XTCE)	100	123
75	505x0b1.pdf	XML Specification for Navigation Data Messages	99	104
76	415x1b1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	98	100
77	103x0b1s.pdf	Packet Telemetry Services	98	81
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80	131x5o1.pdf	Erasure Correcting Codes for Use in Near-Earth and Deep-Space Communications	97	80
81	131x4m1.pdf	TM Channel Coding Profiles	96	89
82	414x1b2.pdf	Pseudo-Noise (PN) Ranging Systems	96	104
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86	901x0g1.pdf	Space Communications Cross Support--Architecture Description Document	91	91
87	101x0b3s.pdf	Telemetry Channel Coding	90	107
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89	350x4g1.pdf	CCSDS Guide for Secure System Interconnection	89	91
90	912x1b1s.pdf	Space Link Extension – Forward CLTU Service Specification	89	78
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92	312x0g1.pdf	Reference Architecture for Space Information Management	88	109
93	734x0g1e1.pdf	Rationale, Scenarios, and Requirements for DTN in Space	88	81
94	211x0b2s.pdf	Proximity-1 Space Link Protocol	87	61
95	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	87	84
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97	350x8g1.pdf	Information Security Glossary of Terms	86	74

98	232x1b1s.pdf	Communications Operation Procedure-1	86	104
99	230x2g1.pdf	Next Generation Uplink	85	76
100	133x1b2c2.pdf	Encapsulation Service	84	99
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102	643x0b1.pdf	ASCII Encoded English (CCSD0002)	82	58
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104	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	80	87
105	350x3g1.pdf	Authentication/Integrity Algorithm Issues Survey	80	83
106	503x0b1c1.pdf	Tracking Data Message	80	122
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108	231x0b1c1s.pdf	TC Synchronization and Channel Coding	79	61
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110	644x0b3.pdf	The Data Description Language EAST Specification (CCSD0010)	78	57
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112	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	77	111
113	913x1b2.pdf	publications/archive/913x1b2.pdf	77	
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115	700x0g3.pdf	Advanced Orbiting Systems, Networks and Data Links: Summary of Concept, Rationale and Performance	75	91
116	211x2b2.pdf	Proximity-1 Space Link Protocol--Coding and Synchronization Sublayer	74	101
117	500x1g1.pdf	Delta-DOR--Technical Characteristics and Performance	74	112
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122	520x1m1.pdf	Mission Operations Reference Model	66	87
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135	734x1b1.pdf	Licklider Transmission Protocol (LTP) for CCSDS	61	59
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139	100x0g1s.pdf	Telemetry Summary of Concept and Rationale	58	64
140	131x2o1c1s.pdf	Flexible Serially Concatenated Convolutional Turbo Codes with Near-Shannon Bound Performance for Telemetry Applications	57	55
141	350x7g1.pdf	Security Guide for Mission Planners	56	76
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151	203x0b2s.pdf	Telecommand Part 3—Data Management Service	51	111
152	133x0b1c2_tc1227.pdf	Technical Corrigendum 2 to CCSDS 133.0-B-1, Issued September 2003	51	38
153	766x1b1.pdf	Digital Motion Imagery	51	57
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155	630x0b1.pdf	Standard Formatted Data Units — Control Authority Procedures	50	62
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157	910x2g1.pdf	Standard Terminology, Conventions, and Methodology (TCM) for Defining Data Services	50	51
158	910x11b1ec2.pdf	Space Communication Cross Support—Service Management—Service Specification	50	64
159	872x0m1ec1.pdf	Spacecraft Onboard Interface Services—Time Access Service	50	56
160	401x0b09s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	50	68

161	ODM-checklist-icd.doc	ODM-Checklist-icd for CCSDS 502.0-B-2	49	44
162	851x0m1.pdf	Spacecraft Onboard Interface Services--Subnetwork Packet Service	49	48
163	714x0b1c1s.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	49	40
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212	211x0b3s.pdf	Proximity-1 Space Link Protocol—Data Link Layer	36	27
213	502x0b2c1_tc1214.pdf	Technical Corrigendum 1 to CCSDS 502.0-B-2, Issued November 2009	36	42
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221	720x4y1.doc	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Core Procedures	35	38
222	912x1b2c1s_tca710.pdf	Technical Corrigendum 1 to CCSDS 912.1-B-2, Issued November 2004	35	29
223	202x1b2s.pdf	Telecommand Part 2.1—Command Operation Procedures	35	44
224	875x0m1.pdf	Spacecraft Onboard Interface Services--Message Transfer Service	35	65
225	641x0b1.pdf	publications/archive/641x0b1.pdf	34	20
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227	211x0b4s.pdf	Proximity-1 Space Link Protocol—Data Link Layer	34	39
228	232x0b2c1s.pdf	TC Space Data Link Protocol	34	0
229	211x0b1s.pdf	Proximity-1 Space Link Protocol	34	39
230	211x1b3sec1.pdf	Proximity-1 Space Link Protocol—Physical Layer	34	24
231	320x0b6c1_tc1328.pdf	Technical Corrigendum 1 to CCSDS 320.0-B-6, Issued	34	40
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236	133x1b2c2_tc1412.pdf	Technical Corrigendum 2 to CCSDS 133.1-B-2, Issued October 2009	32	39
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256	644x0b2s.pdf	The Data Description Language EAST Specification (CCSD0010)	28	22
257	914x1g1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Summary of Concept and Rationale	28	35
258	713x5b1sc1_TC 1018.pdf	Technical Corrigendum 1 to CCSDS 713.5-B-1, Issued May 1999	27	30
259	913x1b1s.pdf	Space Link Extension—Internet Protocol for Transfer Services	27	0
260	732x0b2c1s_tc12 30.pdf	publications/archive/732x0b2c1s_tc1230.pdf	27	
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266	730x0g1s.pdf	Next Generation Space Internet	25	31
267	A20x1y1.pdf	CCSDS Implementation Conformance Statements	25	33
268	644x0b1s.pdf	The Data Description Language EAST Specification (CCSD0010)	25	14
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270	704x0b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Audio, Video and Still-Image Communications Services	24	28
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280	401x0b22s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	23	21
281	CCSDS-910.11-B-1_XML_schemas.zip	CCSDS-910.11-B-1 XML Schemas	22	18
282	320x0b2s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	22	24
283	401x0b14s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	22	16
284	133x1b1c1.pdf	Encapsulation Service	22	35
285	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	22	38
286	401x0b20ec3s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	22	24
287	503x0b1c1_tc1022.pdf	Technical Corrigendum 1 to CCSDS 503.0-B-1, Issued November 2007	22	34
288	131x1o1s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space Applications	21	37
289	652x1m1s.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	21	20
290	A20x0y4c1_ac1504.pdf	Corrigendum 1 to CCSDS A20.0-Y-4, issued April 2014	21	22
291	915x5m1s.pdf	Space Link Extension—Application Program Interface for Return Operational Control Fields	21	0
292	A01x2y4s.pdf	CCSDS Operating Plan for Standards Development - Draft Yellow Book	21	33
293	120x0g2s.pdf	Lossless Data Compression	21	23
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295	644x0b1.pdf	publications/archive/644x0b1.pdf	20	17
296	133x1b1c1s_TC A628.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-1, Issued June 2006	20	19
297	644x0b2.pdf	publications/archive/644x0b2.pdf	20	21
298	701RB3.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	20	20
299	A30x0g3s.pdf	CCSDS Glossary	19	19
300	320x0b1s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	19	17
301	102x0b1s.pdf	Packet Telemetry	19	22
302	714x0b1c1s_TC A532.pdf	Technical Corrigendum 1 to CCSDS 714.0-B-1-S, Issued May 1999	19	31
303	732x5o1s.pdf	Next Generation Space Internet—End-to-End Resource Provisioning for Orbiting Missions	19	14
304	135x0b3c1s.pdf	Space Link Identifiers	18	24
305	916x1m1s.pdf	Space Link Extension—Application Program Interface for the Forward CLTU Service	18	0
306	203x0b1s.pdf	Telecommand Part 3—Data Management Service	18	20
307	401x0b24s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	18	19
308	121x0b1sc2_TC A633.pdf	Technical Corrigendum 1 to CCSDS 121.0-B-1-S, Issued May 1997	18	22
309	320x0b5sec1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	18	17
310	320x0b1s- Corr.pdf	Global Spacecraft Identification Field Code Assignment Control Procedures. CCSDS 320.0-B-1 Cor. 1	18	15
311	911x5b1s.pdf	Space Link Extension – Return Operational Control Fields Service Specification	18	19
312	500x0g1s.pdf	Navigation Data—Definitions and Conventions	17	28
313	131x2o1c1s_TC _11-09.pdf	Technical Corrigendum 1 to CCSDS 131.2-O-1, Issued September 2007	17	13
314	135x0b3c1s_TC A804.pdf	Technical Corrigendum 1 to CCSDS 135.0-B-3, Issued October 2006	17	12
315	916x3m1s.pdf	Space Link Extension—Application Program Interface for the Forward Space Packet Service	16	0
316	915x1m1s.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	16	0
317	A20x0y3s.pdf	CCSDS Publications Manual	16	17
318	401x0b04s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	16	28

319	401x0b21tc1s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	16	26
320	121x0b1sc2_tca724.pdf	Technical Corrigendum 2 to CCSDS 121.0-B-1-S, Issued May 1997	15	25
321	910x3g2s.pdf	Cross Support Concept — Part 1: Space Link Extension Services	15	22
322	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	15	21
323	135x0b2s.pdf	Space Link Identifiers	15	17
324	911x1b1s.pdf	Space Link Extension – Return All Frames Service Specification	15	18
325	915x2m1s.pdf	Space Link Extension—Application Program Interface for Return Channel Frames Service	15	0
326	705x3b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCLC Service and Protocol—Addendum to CCSDS 701.0-B-2	14	22
327	705x1b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Abstract Data Type Library—Addendum to CCSDS 701.0-B-2	14	25
328	642x1g1s.pdf	Language Usage in Information Interchange Tutorial	14	17
329	727x0b1s.pdf	CCSDS File Delivery Protocol (CFDP)	14	25
330	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	14	20
331	720x5y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Extended Procedures	13	28
332	320x0b4s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	13	17
333	350x0g1s.pdf	The Application of CCSDS Protocols to Secure Systems	13	21
334	CP-5060W0-1.1.pdf	Delta-DOR	12	24
335	130x2g1s.pdf	Space Data Link Protocols—Summary of Concept and Rationale	12	16
336	911x2b1s.pdf	Space Link Extension – Return Channel Frames Service Specification	11	27
337	705x2b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the Path Service and Protocol—Addendum to CCSDS 701.0-B-2	11	23
338	720x2g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	11	23
339	A20x0y2s.pdf	CCSDS Publications Manual	11	17
340	720x1g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	11	8
341	401x0b10s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	11	12
342	A20x0y21s.pdf	CCSDS Publications Manual	10	19
343	914x2g1s.pdf	Space Link Extension—Application Program Interface for Transfer Services—Application Programmer's Guide	10	14

344	641x0b1s.pdf	Parameter Value Language Specification (CCSD0006)	9	17
345	705x4b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCA Service and Protocol—Addendum to CCSDS 701.0-B-2	9	23
346	231x0b1c1s_TC A613.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-1, Issued September 2003	9	16
347	A02x1y2s.pdf	Restructured Organization and Processes for the Consultative Committee for Space Data Systems	9	21
348	611x0y1s.pdf	CCSDS Panel 2 Methodology for Development of Recommendations	7	17
349	501x0b1s.pdf	Radio Metric and Orbit Data	7	29
350	401x0b16s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	6	9
351	912x3b1s.pdf	Space Link Extension – Forward Space Packet Service Specification	5	19
352	520x0g2s.pdf	Mission Operations Services Concept	5	24