

Rank	Name	Title	15-Apr	15-Mar
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2450	2792
2	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	1138	461
3	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	675	648
4	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	663	834
5	880x0g2.pdf	Wireless Network Communications Overview for Space Mission Operations	653	
6	133x0b1c2.pdf	Space Packet Protocol	460	514
7	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	444	470
8	131x0b2ec1.pdf	TM Synchronization and Channel Coding	437	506
9	102x0b5s.pdf	Packet Telemetry	417	410
11	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	366	363
10	211x0b5.pdf	PROXIMITY-1 SPACE. LINK PROTOCOL— . DATA LINK LAYER	366	353
12	301x0b4e1.pdf	Time Code Formats	328	551
13	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	320	288
14	101x0b6s.pdf	Telemetry Channel Coding	297	234
15	502x0b2c1.pdf	Orbit Data Messages	270	272
16	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	250	236
17	120x0g3.pdf	Lossless Data Compression	233	236
18	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	228	318
19	130x0g3.pdf	Overview of Space Communications Protocols	225	237
20	500x0g3.pdf	Navigation Data—Definitions and Conventions	221	263
21	706x2g1.pdf	Voice Communications	218	154
22	122x0b1c3.pdf	Image Data Compression	215	238
23	732x0b2c1.pdf	AOS Space Data Link Protocol	205	186
24	508x0b1e1.pdf	Conjunction Data Message	200	193
25	121x0b2.pdf	Lossless Data Compression	195	211
26	132x0b1c1e1.pdf	TM Space Data Link Protocol	188	138
27	520x0g3.pdf	Mission Operations Services Concept	187	148
28	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	185	216
29	130x2g2.pdf	Space Data Link Protocols--Summary of Concept and Rationale	181	159
30	311x0m1.pdf	Reference Architecture for Space Data Systems	180	226
31	301x0b2s.pdf	Time Code Formats	180	126
32	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	179	190
33	301x0b3s.pdf	Time Code Formats	175	195
34	231x0b2c1.pdf	TC Synchronization and Channel Coding	174	181
35	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	163	178
36	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	161	137
37	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	152	183
38	120x1g2.pdf	Image Data Compression	152	147
39	230x2g1.pdf	Next Generation Uplink	151	157
40	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	147	151

41	913x1b1.pdf	Space Link Extension—Internet Protocol for Transfer Services	143	174
42	201x0b3s.pdf	Telecommand Part 1—Channel Service	140	118
43	232x0b2c1.pdf	TC Space Data Link Protocol	138	163
44	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	137	119
45	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	133	149
46	732x0b1s.pdf	AOS Space Data Link Protocol	132	152
47	414x0g2.pdf	publications/archive/414x0g2.pdf	129	139
48	503x0b1c1.pdf	Tracking Data Message	129	118
49	350x3g1.pdf	Authentication/Integrity Algorithm Issues Survey	129	78
50	131x0b1s.pdf	TM Synchronization and Channel Coding	128	147
51	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	127	187
52	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	126	140
53	232x1b2.pdf	Communications Operation Procedure-1	125	120
54	232x1b1s.pdf	Communications Operation Procedure-1	122	133
55	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	122	123
56	720x2g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	121	105
57	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	119	72
58	505x0b1.pdf	XML Specification for Navigation Data Messages	117	102
59	131x5o1.pdf	Erasur Correcting Codes for Use in Near-Earth and Deep-Space Communications	116	115
60	720x1g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	115	125
61	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	112	246
62	231x1o1.pdf	Short Block Length LDPC Codes for TC Synchronization and Channel Coding	111	
64	415x1b1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	110	127
63	101x0b4s.pdf	Telemetry Channel Coding	110	88
66	701x0b2s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	108	118
65	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	108	111
67	414x1b2.pdf	publications/archive/414x1b2.pdf	107	139
68	211x1b4.pdf	publications/archive/211x1b4.pdf	107	108
69	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	105	156
70	232x0b1s.pdf	TC Space Data Link Protocol	104	130
71	200x0g6.pdf	Telecommand Summary of Concept and Rationale	103	101
72	131x4m1.pdf	TM Channel Coding Profiles	103	97
73	735x1b1.pdf	Asynchronous Message Service	102	172
74	133x1b2c2.pdf	Encapsulation Service	102	130
77	702x1b1c1.pdf	IP over CCSDS Space Links	101	132
76	211x2b2.pdf	publications/archive/211x2b2.pdf	101	131
75	641x0g2.pdf	Parameter Value Language — A Tutorial	101	99
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80	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	99	80
79	350x8g1.pdf	Information Security Glossary of Terms	99	59
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82	850x0g2.pdf	Spacecraft Onboard Interface Services	96	131
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85	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	94	95
86	735x0g1.pdf	Asynchronous Message Service	94	87
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89	120x0g1s.pdf	Lossless Data Compression	92	131
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90	CP-714.0-W-1.1.doc	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	87	63
92	706x1g1.pdf	Motion Imagery and Applications	86	83
93	912x1b1s.pdf	Space Link Extension – Forward CLTU Service Specification	85	80
94	131x2o1c1s.pdf	Flexible Serially Concatenated Convolutional Turbo Codes with Near-Shannon Bound Performance for Telemetry Applications	85	47
99	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	84	120
98	101x0b3s.pdf	Telemetry Channel Coding	84	102
95	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	84	95
96	350x9g1.pdf	publications/archive/350x9g1.pdf	84	92
97	630x0b1.pdf	Standard Formatted Data Units — Control Authority Procedures	84	82
100	413x0g1s.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	84	73
102	132x0b1c1_tc1226.pdf	Technical Corrigendum 1 to CCSDS 132.0-B-1, Issued September 2003	83	99
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105	504x0b1.pdf	Attitude Data Messages	81	123
106	202x0b2s.pdf	Telecommand Part 2—Data Routing Service	80	72
107	652x1m1.pdf	publications/archive/652x1m1.pdf	80	59
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114	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	75	89
116	912x1b3.pdf	Space Link Extension—Forward CLTU Service Specification	74	108
115	500x1g1.pdf	publications/archive/500x1g1.pdf	74	93
117	641x0b2.pdf	Parameter Value Language Specification (CCSD0006 and CCSD0008).	74	76
120	520x1m1.pdf	Mission Operations Reference Model	73	101
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118	103x0b2s.pdf	Packet Telemetry Service Specification	73	45
121	727x0b2s.pdf	CCSDS File Delivery Protocol (CFDP)	72	80
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130	643x0b1.pdf	ASCII Encoded English (CCSD0002)	67	73
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131	130x1g1e1s.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	66	85
135	882x0m1.pdf	publications/archive/882x0m1.pdf	66	79
132	502x1y1.pdf	Orbit Data Messages V2.0 Test Plan/Report	66	76
136	A02x1y4c1_ac1503.pdf	Corrigendum 1 to CCSDS A02.1-Y-4, Issued April 2014	66	45
137	914x0m1ec1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Core Specification	65	152
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140	872x0m1ec1.pdf	Spacecraft Onboard Interface Services—Time Access Service	62	277
141	910x0g2.pdf	Space Link Extension Services—Executive Summary	62	80
142	502x0b1s.pdf	Orbit Data Messages	62	67
144	350x6g1.pdf	Space Missions Key Management Concept	61	84
143	622x0b1.pdf	Standard Formatted Data Units — Referencing Environment	61	63
146	506x1b1.pdf	publications/archive/506x1b1.pdf	60	87
148	103x0b1s.pdf	Packet Telemetry Services	60	67
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150	914x1g1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Summary of Concept and Rationale	59	45
153	133x1b2c2_tc1412.pdf	Technical Corrigendum 2 to CCSDS 133.1-B-2, Issued October 2009	58	79
154	502x0b2c1_tc1214.pdf	Technical Corrigendum 1 to CCSDS 502.0-B-2, Issued November 2009	58	66
155	A20x1y1.pdf	CCSDS Implementation Conformance Statements	57	63
156	202x1b1s.pdf	Telecommand Part 2.1—Command Operation Procedures	55	66
158	910x11b1ec2.pdf	Space Communication Cross Support—Service Management—Service Specification	54	81
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164	915x1m1.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	52	122
162	875x0m1.pdf	Spacecraft Onboard Interface Services--Message Transfer Service	52	66
165	500x0g2s.pdf	Navigation Data—Definitions and Conventions	52	64
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169	730x1g1.pdf	Solar System Internetwork (SSI) Architecture	48	86
172	231x0b2c1_tc1308.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-2, Issued September 2010	48	65
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178	122x0b1c3_1_TCA621.pdf	Technical Corrigendum 1 to CCSDS 122.0-B-1, Issued November 2005	46	60
180	646x0g1.pdf	The Data Description Language EAST—List of Conventions	46	60
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214	720x3g1.pdf	CCSDS File Delivery Protocol (CFDP)—Part 3: Interoperability Testing Final	41	137
213	732x0b2c1_tc1230.pdf	Technical Corrigendum 1 to CCSDS 732.0-B-2, Issued July 2006	41	49
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215	131x2o1c1s_TC_11-09.pdf	publications/archive/131x2o1c1s_TC_11-09.pdf	41	35
212	912x1b2c1s.pdf	Space Link Extension – Forward CLTU Service Specification	41	31
220	133x0b1c2_tc1227.pdf	Technical Corrigendum 2 to CCSDS 133.0-B-1, Issued September 2003	40	71
218	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	40	56
216	503x0b1c1_tc1022.pdf	Technical Corrigendum 1 to CCSDS 503.0-B-1, Issued November 2007	40	51
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217	915x5m1.pdf	Space Link Extension—Application Program Interface for Return Operational Control Fields	40	35
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225	647x1b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—Abstract Syntax (CCSD0011)	39	61
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226	A20x0y4c1.pdf	CCSDS Publications Manual	38	64
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230	130x2g1s.pdf	Space Data Link Protocols—Summary of Concept and Rationale	37	19
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244	133x1b2c2_tc12 28.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-2, Issued October 2009	35	47
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241	401x0b15s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth	35	29
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251	705x3b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCLC Service and Protocol—Addendum to CCSDS 701.0-B-2	33	33
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254	915x2m1.pdf	Space Link Extension—Application Program Interface for Return Channel Frames Service	32	40
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258	871x1m1.pdf	Spacecraft Onboard Interface Services--Device Data Pooling Service	32	37
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259	704x0b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Audio, Video and Still-Image Communications Services	32	24
256	705x2b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the Path Service and Protocol—Addendum to CCSDS 701.0-B-2	32	19
261	A20x0y4c1_ac1504.pdf	Corrigendum 1 to CCSDS A20.0-Y-4, issued April 2014	31	47
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278	732x5o1s.pdf	Next Generation Space Internet—End-to-End Resource Provisioning for Orbiting Missions	27	33
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282	121x0b1sc2_tca724.pdf	Technical Corrigendum 2 to CCSDS 121.0-B-1-S, Issued May 1997	26	29
281	133x1b1c1s_TC A628.pdf	publications/archive/133x1b1c1s_TCA628.pdf	26	23
284	320x0b4s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	26	19
283	733x5o1s.pdf	Next Generation Space Internet—End-to-End Security for Space Mission Communications	26	15
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