

Rank	Name	Title	15-Jan	14-Dec
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2672	2496
2	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	978	870
3	130x1g2.pdf	TM Synchronization and Channel Coding-- Summary of Concept and Rationale	867	368
4	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	752	683
5	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	649	595
6	880x0g1.pdf	Wireless Network Communications Overview for Space Mission Operations	604	609
7	301x0b4e1.pdf	Time Code Formats	445	134
8	131x0b2ec1.pdf	TM Synchronization and Channel Coding	412	431
9	102x0b5s.pdf	Packet Telemetry	411	332
10	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	375	318
11	133x0b1c2.pdf	Space Packet Protocol	359	338
12	502x0b2c1.pdf	Orbit Data Messages	320	219
13	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	276	220
14	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	256	343
15	132x0b1c1.pdf	TM Space Data Link Protocol	233	237
16	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	233	211
17	740x0g1e1.pdf	Mars Mission Protocol Profiles--Purpose and Rationale	229	72
18	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	225	189
19	130x0g3.pdf	Overview of Space Communications Protocols	219	151
20	101x0b6s.pdf	Telemetry Channel Coding	211	214
21	732x0b2c1.pdf	AOS Space Data Link Protocol	203	143
22	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	201	206
23	211x0b5.pdf	publications/archive/211x0b5.pdf	190	149
24	414x0g2.pdf	publications/archive/414x0g2.pdf	183	186
25	508x0b1e1.pdf	Conjunction Data Message	182	159
26	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	179	181
27	500x0g3.pdf	Navigation Data—Definitions and Conventions	179	160
28	734x0g1e1.pdf	Rationale, Scenarios, and Requirements for DTN in Space	174	138
29	520x0g3.pdf	Mission Operations Services Concept	174	181
30	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	170	195
31	706x2g1.pdf	Voice Communications	166	274
32	121x0b2.pdf	Lossless Data Compression	163	198
33	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	162	139
34	311x0m1.pdf	Reference Architecture for Space Data Systems	159	184
35	301x0b3s.pdf	Time Code Formats	159	160
36	120x0g3.pdf	Lossless Data Compression	156	159

37	503x0b1c1.pdf	Tracking Data Message	154	111
38	130x2g2.pdf	Space Data Link Protocols--Summary of Concept and Rationale	154	156
39	131x0b1s.pdf	TM Synchronization and Channel Coding	152	139
40	232x0b1s.pdf	TC Space Data Link Protocol	152	128
41	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	145	196
42	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	141	220
43	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	140	120
44	122x0b1c3.pdf	Image Data Compression	138	221
45	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	137	168
46	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	137	238
47	735x1b1.pdf	Asynchronous Message Service	136	140
48	202x0b2s.pdf	Telecommand Part 2—Data Routing Service	136	84
49	913x1b1.pdf	Space Link Extension—Internet Protocol for Transfer Services	136	148
50	131x5o1.pdf	Erasure Correcting Codes for Use in Near-Earth and Deep-Space Communications	135	99
51	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	134	133
52	506x1b1.pdf	publications/archive/506x1b1.pdf	132	75
53	413x0g1s.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	131	115
54	912x3b2ec1.pdf	Space Link Extension—Forward Space Packet Service Specification	130	80
55	231x0b2c1.pdf	TC Synchronization and Channel Coding	130	125
56	200x0g6.pdf	Telecommand Summary of Concept and Rationale	129	128
57	660x0b1.pdf	XML Telemetric and Command Exchange (XTCE)	129	99
58	660x0g1.pdf	XML Telemetric and Command Exchange (XTCE)	127	91
59	914x0m1ec1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Core Specification	127	97
60	232x1b2.pdf	Communications Operation Procedure-1	127	91
61	120x0g1s.pdf	Lossless Data Compression	127	47
62	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	126	178
63	850x0g2.pdf	Spacecraft Onboard Interface Services	124	210
64	500x1g1.pdf	publications/archive/500x1g1.pdf	121	139
65	414x1b2.pdf	publications/archive/414x1b2.pdf	121	120
66	211x2b2.pdf	publications/archive/211x2b2.pdf	121	134
67	732x0b1s.pdf	AOS Space Data Link Protocol	121	155
68	301x0b2s.pdf	Time Code Formats	120	147
69	211x1b4.pdf	publications/archive/211x1b4.pdf	120	185
70	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	118	95

71	312x0g1.pdf	Reference Architecture for Space Information Management	118	114
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78	232x1b1s.pdf	Communications Operation Procedure-1	113	81
79	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	113	118
80	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	112	109
81	351x0m1.pdf	Security Architecture for Space Data Systems	107	93
82	660x1g1.pdf	XML Telemetric and Command Exchange (XTCE)--Element Description	106	152
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86	201x0b3s.pdf	Telecommand Part 1—Channel Service	105	100
87	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	104	98
88	230x2g1.pdf	Next Generation Uplink	101	191
89	720x3g1.pdf	CCSDS File Delivery Protocol (CFDP)—Part 3: Interoperability Testing Final	101	81
90	133x1b2c2.pdf	Encapsulation Service	101	71
91	915x1m1.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	99	70
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93	901x0g1.pdf	Space Communications Cross Support--Architecture Description Document	97	98
94	504x0b1.pdf	Attitude Data Messages	97	106
95	350x4g1.pdf	CCSDS Guide for Secure System Interconnection	96	104
96	701x0b2s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	96	78
97	350x9g1.pdf	publications/archive/350x9g1.pdf	96	60
98	523x1m1.pdf	Mission Operations Message Abstraction Layer--JAVA API	95	71
99	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	93	90
100	641x0b2.pdf	Parameter Value Language Specification (CCSD0006 and CCSD0008).	93	118
101	520x1m1.pdf	Mission Operations Reference Model	93	85
102	912x1b1s.pdf	Space Link Extension – Forward CLTU Service Specification	92	61
103	882x0m1.pdf	publications/archive/882x0m1.pdf	92	403
104	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	91	86
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106	727x0b2s.pdf	CCSDS File Delivery Protocol (CFDP)	91	79
107	505x0b1.pdf	XML Specification for Navigation Data Messages	89	109
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114	350x2g1.pdf	Encryption Algorithm Trade Survey	87	80
115	641x0g2.pdf	Parameter Value Language — A Tutorial	86	139
116	A01x2y4s.pdf	CCSDS Operating Plan for Standards Development - Draft Yellow Book	86	61
117	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	85	74
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119	910x3g3.pdf	Cross Support Concept — Part 1: Space Link Extension	84	81
120	101x0b4s.pdf	Telemetry Channel Coding	84	63
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124	130x1g1e1s.pdf	TM Synchronization and Channel Coding-- Summary of Concept and Rationale	80	79
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126	100x0g1s.pdf	Telemetry Summary of Concept and Rationale	79	79
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139	851x0m1.pdf	Spacecraft Onboard Interface Services-- Subnetwork Packet Service	72	54
140	630x0b1.pdf	Standard Formatted Data Units — Control Authority Procedures	72	70

141	875x0m1.pdf	Spacecraft Onboard Interface Services--Message Transfer Service	71	57
142	910x11b1ec2.pdf	Space Communication Cross Support—Service Management—Service Specification	71	69
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155	350x7g1.pdf	Security Guide for Mission Planners	64	72
156	350x3g1.pdf	Authentication/Integrity Algorithm Issues Survey	64	112
157	CP-714.0-W-1.1.doc	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	63	36
158	202x1b1s.pdf	Telecommand Part 2.1—Command Operation Procedures	63	60
159	411x0g3s.pdf	Radio Frequency and Modulation—Part 1: Earth Stations	62	73
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161	714x0b1c1s.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	62	55
162	412x0g1s.pdf	Radio Frequency and Modulation Systems—Spacecraft-Earth Station Compatibility Test Procedures	62	51
163	231x0b1c1s.pdf	TC Synchronization and Channel Coding	62	81
164	350x0g1s.pdf	The Application of CCSDS Protocols to Secure Systems	62	88
165	610x0g5.pdf	Space Data Systems Operations with Standard Formatted Data Units: System and Implementation Aspects	62	49
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167	652x1m1.pdf	publications/archive/652x1m1.pdf	62	52
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174	911x5b2ec1.pdf	Space Link Extension—Return Operational Control Fields Service Specification	59	57
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179	647x2b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—PVL Syntax (CCSD0012)	58	45
180	131x2o1c1s.pdf	Flexible Serially Concatenated Convolutional Turbo Codes with Near-Shannon Bound Performance for Telemetry Applications	58	47
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208	122x0b1c3_3_tc1129.pdf	Technical Corrigendum 3 to CCSDS 122.0-B-1, Issued November 2005	49	53
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210	502x0b2c1_tc1214.pdf	Technical Corrigendum 1 to CCSDS 502.0-B-2, Issued November 2009	48	53
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220	916x3m1.pdf	Space Link Extension—Application Program Interface for the Forward Space Packet Service	45	44
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225	320x0b6c1_tc1328.pdf	Technical Corrigendum 1 to CCSDS 320.0-B-6, Issued	43	45
226	915x2m1.pdf	Space Link Extension—Application Program Interface for Return Channel Frames Service	43	33
227	520x0g1s.pdf	Mission Operations Services Concept	43	43
228	401x0b15s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth	43	49
229	704x0b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Audio, Video and Still-Image Communications Services	43	46
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263	713x5b1sc1.pdf	Space Communications Protocol Specification (SCPS)—Security Protocol (SCPS-SP)	35	40
264	652x1m1s.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	35	26
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278	521x0b1s.pdf	Mission Operations Message Abstraction Layer	31	23
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280	GSCID Request Form.pdf	GSCID Request Form for CCSDS 320.0-B-6	29	20
281	720x2g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	29	22

282	733x5o1s.pdf	Next Generation Space Internet—End-to-End Security for Space Mission Communications	29	33
283	705x3b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCLC Service and Protocol—Addendum to CCSDS 701.0-B-2	29	26
284	611x0y1s.pdf	CCSDS Panel 2 Methodology for Development of Recommendations	28	25
285	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	28	17
286	705x4b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCA Service and Protocol—Addendum to CCSDS 701.0-B-2	28	21
287	211x0b3s.pdf	Proximity-1 Space Link Protocol—Data Link Layer	28	39
288	501x0b1s.pdf	Radio Metric and Orbit Data	27	37
289	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	27	21
290	720x1g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	27	25
291	320x0b2s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	27	20
292	320x0b1s-Corr.pdf	Global Spacecraft Identification Field Code Assignment Control Procedures. CCSDS 320.0-B-1 Cor. 1	26	22
293	130x2g1s.pdf	Space Data Link Protocols—Summary of Concept and Rationale	26	22
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295	401x0b22s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	26	18
296	912x1b2c1s_tca710.pdf	Technical Corrigendum 1 to CCSDS 912.1-B-2, Issued November 2004	25	18
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298	101x0b1s.pdf	Telemetry Channel Coding	25	25
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315	401x0b16s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	20	18
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317	520x0g2s.pdf	Mission Operations Services Concept	19	25
318	A20x0y21s.pdf	CCSDS Publications Manual	18	29
319	644x0b1.pdf	publications/archive/644x0b1.pdf	18	14
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321	644x0b1s.pdf	The Data Description Language EAST Specification (CCSD0010)	16	26
322	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	14	19
323	A02x1y4c1.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	0	0
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325	401x0b24s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	0	0
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328	120x1g2.pdf	Image Data Compression		
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