

Rank	Name	Title	15-Mar	15-Feb
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2792	2502
2	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	834	790
3	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	648	612
4	301x0b4e1.pdf	Time Code Formats	551	277
5	133x0b1c2.pdf	Space Packet Protocol	514	421
6	131x0b2ec1.pdf	TM Synchronization and Channel Coding	506	476
7	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	470	360
8	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	461	517
9	102x0b5s.pdf	Packet Telemetry	410	359
10	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	363	350
11	211x0b5.pdf	publications/archive/211x0b5.pdf	353	323
12	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	318	258
13	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	288	291
14	872x0m1ec1.pdf	Spacecraft Onboard Interface Services—Time Access Service	277	56
15	502x0b2c1.pdf	Orbit Data Messages	272	363
16	500x0g3.pdf	Navigation Data—Definitions and Conventions	263	255
17	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	246	184
18	122x0b1c3.pdf	Image Data Compression	238	155
19	130x0g3.pdf	Overview of Space Communications Protocols	237	208
20	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	236	242
21	120x0g3.pdf	Lossless Data Compression	236	197
22	101x0b6s.pdf	Telemetry Channel Coding	234	218
23	734x0g1e1.pdf	Rationale, Scenarios, and Requirements for DTN in Space	233	101
24	311x0m1.pdf	Reference Architecture for Space Data Systems	226	191
25	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	216	160
26	121x0b2.pdf	Lossless Data Compression	211	172
27	301x0b3s.pdf	Time Code Formats	195	176
28	508x0b1e1.pdf	Conjunction Data Message	193	174
29	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	190	162
30	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	187	166
31	732x0b2c1.pdf	AOS Space Data Link Protocol	186	191
32	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	183	112
33	231x0b2c1.pdf	TC Synchronization and Channel Coding	181	163
34	912x3b2ec1.pdf	Space Link Extension—Forward Space Packet Service Specification	179	72
35	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	178	162
36	913x1b1.pdf	Space Link Extension—Internet Protocol for Transfer Services	174	163
37	735x1b1.pdf	Asynchronous Message Service	172	91
38	232x0b2c1.pdf	TC Space Data Link Protocol	163	127
39	130x2g2.pdf	Space Data Link Protocols--Summary of Concept and Rationale	159	141
40	230x2g1.pdf	Next Generation Uplink	157	102

41	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	156	137
42	706x2g1.pdf	Voice Communications	154	175
43	732x0b1s.pdf	AOS Space Data Link Protocol	152	135
44	914x0m1ec1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Core Specification	152	64
45	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	151	141
46	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	149	160
47	520x0g3.pdf	Mission Operations Services Concept	148	172
48	120x1g2.pdf	Image Data Compression	147	90
49	131x0b1s.pdf	TM Synchronization and Channel Coding	147	147
50	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	140	92
51	414x0g2.pdf	publications/archive/414x0g2.pdf	139	139
52	414x1b2.pdf	publications/archive/414x1b2.pdf	139	94
53	132x0b1c1e1.pdf	TM Space Data Link Protocol	138	0
54	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	137	133
55	720x3g1.pdf	CCSDS File Delivery Protocol (CFDP)—Part 3: Interoperability Testing Final	137	54
56	740x0g1e1.pdf	Mars Mission Protocol Profiles--Purpose and Rationale	135	278
57	232x1b1s.pdf	Communications Operation Procedure-1	133	109
58	702x1b1c1.pdf	IP over CCSDS Space Links	132	112
59	850x0g2.pdf	Spacecraft Onboard Interface Services	131	126
60	120x0g1s.pdf	Lossless Data Compression	131	194
61	211x2b2.pdf	publications/archive/211x2b2.pdf	131	92
62	232x0b1s.pdf	TC Space Data Link Protocol	130	139
63	133x1b2c2.pdf	Encapsulation Service	130	90
64	415x1b1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	127	105
65	301x0b2s.pdf	Time Code Formats	126	130
66	720x1g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	125	125
67	130x0g1s.pdf	Overview of Space Link Protocols	125	137
68	504x0b1.pdf	Attitude Data Messages	123	85
69	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	123	107
70	660x0b1.pdf	XML Telemetric and Command Exchange (XTCE)	122	122
71	915x1m1.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	122	40
72	660x0g1.pdf	XML Telemetric and Command Exchange (XTCE)	121	123
73	232x1b2.pdf	Communications Operation Procedure-1	120	119
74	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	120	110
75	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	119	76
76	201x0b3s.pdf	Telecommand Part 1—Channel Service	118	156
77	503x0b1c1.pdf	Tracking Data Message	118	111
78	701x0b2s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	118	121
79	131x5o1.pdf	Erasur Correcting Codes for Use in Near-Earth and Deep-Space Communications	115	105
80	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	111	156

81	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	110	109
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83	912x1b3.pdf	Space Link Extension—Forward CLTU Service Specification	108	83
84	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	106	85
85	720x2g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	105	101
86	713x0b1s.pdf	Space Communications Protocol Specification (SCPS)—Network Protocol (SCPS-NP)	104	87
87	351x0m1.pdf	Security Architecture for Space Data Systems	103	87
88	505x0b1.pdf	XML Specification for Navigation Data Messages	102	90
89	101x0b3s.pdf	Telemetry Channel Coding	102	99
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91	520x1m1.pdf	Mission Operations Reference Model	101	82
92	901x0g1.pdf	Space Communications Cross Support--Architecture Description Document	101	123
93	A01x2y4s.pdf	CCSDS Operating Plan for Standards Development - Draft Yellow Book	101	27
94	641x0g2.pdf	Parameter Value Language — A Tutorial	99	64
95	132x0b1c1_tc1226.pdf	Technical Corrigendum 1 to CCSDS 132.0-B-1, Issued September 2003	99	70
96	312x0g1.pdf	Reference Architecture for Space Information Management	99	97
97	350x2g1.pdf	Encryption Algorithm Trade Survey	98	91
98	910x3g2s.pdf	Cross Support Concept — Part 1: Space Link Extension Services	98	23
99	131x4m1.pdf	TM Channel Coding Profiles	97	84
100	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	97	118
101	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	95	87
102	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	95	87
103	500x1g1.pdf	publications/archive/500x1g1.pdf	93	117
104	350x9g1.pdf	publications/archive/350x9g1.pdf	92	83
105	352x0b1.pdf	CCSDS Cryptographic Algorithms	92	73
106	350x4g1.pdf	CCSDS Guide for Secure System Interconnection	90	100
107	521x1b1.pdf	Mission Operations Common Object Model	90	69
108	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	89	82
109	101x0b4s.pdf	Telemetry Channel Coding	88	95
110	735x0g1.pdf	Asynchronous Message Service	87	74
111	350x1g1.pdf	Security Threats against Space Missions	87	82
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113	700x0g3.pdf	Advanced Orbiting Systems, Networks and Data Links: Summary of Concept, Rationale and Performance	86	87
114	651x1b1.pdf	Producer-Archive Interface Specification (PAIS)	86	72
115	730x1g1.pdf	Solar System Internetwork (SSI) Architecture	86	101
116	130x1g1e1s.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	85	174
117	350x6g1.pdf	Space Missions Key Management Concept	84	93
118	706x1g1.pdf	Motion Imagery and Applications	83	107
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121	910x11b1ec2.pdf	Space Communication Cross Support—Service Management—Service Specification	81	67

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123	912x1b1s.pdf	Space Link Extension – Forward CLTU Service Specification	80	102
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125	910x0g2.pdf	Space Link Extension Services—Executive Summary	80	57
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128	133x1b2c2_tc1412.pdf	Technical Corrigendum 2 to CCSDS 133.1-B-2, Issued October 2009	79	63
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134	502x1y1.pdf	Orbit Data Messages V2.0 Test Plan/Report	76	56
135	401x0b21tc1s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	76	45
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138	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	72	37
139	202x0b2s.pdf	Telecommand Part 2—Data Routing Service	72	91
140	722x1m1.pdf	Operation of CFDP over Encapsulation Service	71	46
141	133x0b1c2_tc1227.pdf	Technical Corrigendum 2 to CCSDS 133.0-B-1, Issued September 2003	71	72
142	523x1m1.pdf	Mission Operations Message Abstraction Layer--JAVA API	70	68
143	231x0b1c1s.pdf	TC Synchronization and Channel Coding	69	105
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151	202x1b1s.pdf	Telecommand Part 2.1—Command Operation Procedures	66	66
152	133x0b1c2_tc1020.pdf	Technical Corrigendum 1 to CCSDS 133.0-B-1, Issued September 2003	66	57
153	231x0b2c1_tc1308.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-2, Issued September 2010	65	62
154	500x0g2s.pdf	Navigation Data—Definitions and Conventions	64	54
155	A20x0y4c1.pdf	CCSDS Publications Manual	64	23
156	202x0b3s.pdf	Telecommand Part 2—Data Routing Service	63	47
157	CP-714.0-W-1.1.doc	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	63	82
158	622x0b1.pdf	Standard Formatted Data Units — Referencing Environment	63	54
159	A20x1y1.pdf	CCSDS Implementation Conformance Statements	63	28

160	647x1b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—Abstract Syntax (CCSD0011)	61	48
161	122x0b1c3_1_TCA621.pdf	Technical Corrigendum 1 to CCSDS 122.0-B-1, Issued November 2005	60	43
162	646x0g1.pdf	The Data Description Language EAST—List of Conventions	60	53
163	A02x1y4c1.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	60	35
164	350x8g1.pdf	Information Security Glossary of Terms	59	95
165	652x1m1.pdf	publications/archive/652x1m1.pdf	59	72
166	910x3g3.pdf	Cross Support Concept — Part 1: Space Link Extension	59	75
167	122x0b1c3_3_tc1129.pdf	Technical Corrigendum 3 to CCSDS 122.0-B-1, Issued November 2005	58	39
168	702x1b1c1_tc1413.pdf	Technical Corrigendum 1 to CCSDS 702.1-B-1, issued September 2012	58	50
169	401x0b09s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	57	49
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171	401x0b08s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	56	55
172	873x0m1.pdf	Spacecraft Onboard Interface Services--File and Packet Store Services	56	52
173	610x0g5.pdf	Space Data Systems Operations with Standard Formatted Data Units: System and Implementation Aspects	56	43
174	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	56	45
175	720x4y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Core Procedures	55	37
176	650x0b1s(F).pdf	Modèle de référence pour un Système ouvert d'archivage d'information (OAIS)	54	80
177	412x0g1s.pdf	Radio Frequency and Modulation Systems—Spacecraft-Earth Station Compatibility Test Procedures	54	54
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185	232x0b2c1_tc1229.pdf	Technical Corrigendum 1 to CCSDS 232.0-B-2, Issued September 2010	52	47
186	503x0b1c1_tc1022.pdf	Technical Corrigendum 1 to CCSDS 503.0-B-1, Issued November 2007	51	32
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191	717x0b1s.pdf	Space Communications Protocol Specification (SCPS)—File Protocol (SCPS-FP)	50	42
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194	732x0b2c1_tc1230.pdf	Technical Corrigendum 1 to CCSDS 732.0-B-2, Issued July 2006	49	45
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196	642x1g1s.pdf	Language Usage in Information Interchange Tutorial	48	20
197	131x2o1c1s.pdf	Flexible Serially Concatenated Convolutional Turbo Codes with Near-Shannon Bound Performance for Telemetry Applications	47	61
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199	647x2b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—PVL Syntax (CCSD0012)	47	40
200	A20x0y4c1_ac1504.pdf	Corrigendum 1 to CCSDS A20.0-Y-4, issued April 2014	47	32
201	133x1b2c2_tc1228.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-2, Issued October 2009	47	40
202	916x1m1.pdf	Space Link Extension—Application Program Interface for the Forward CLTU Service	46	52
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204	401x0b07s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft.	46	57
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207	914x1g1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Summary of Concept and Rationale	45	45
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209	211x0b2s.pdf	Proximity-1 Space Link Protocol	44	65
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211	135x0b4s.pdf	Space Link Identifiers	43	53
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213	211x2b1s.pdf	Proximity-1 Space Link Protocol—Coding and Synchronization Sublayer	43	60
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220	120x1g1e2s.pdf	Image Data Compression	41	39
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223	855x0m1.pdf	Spacecraft Onboard Interface Services--Subnetwork Test Service	40	33
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225	910x0y1s.pdf	Space Link Extension Services—Executive Summary	40	36
226	720x5y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Extended Procedures	39	39
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235	ODM-checklist-icd.doc	ODM-Checklist-icd for CCSDS 502.0-B-2	37	24
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241	101x0b5s.pdf	Telemetry Channel Coding	35	52
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243	131x2o1c1s_TC_11-09.pdf	publications/archive/131x2o1c1s_TC_11-09.pdf	35	20
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253	732x5o1s.pdf	Next Generation Space Internet—End-to-End Resource Provisioning for Orbiting Missions	33	28
254	705x4b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCA Service and Protocol—Addendum to CCSDS 701.0-B-2	32	18
255	CP-5060W0-1.1.pdf	Delta-DOR	32	27
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257	912x1b2c1s.pdf	Space Link Extension – Forward CLTU Service Specification	31	41
258	850x0g1s.pdf	Spacecraft Onboard Interface Services	31	34
259	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	30	30
260	211x1b3sec1.pdf	Proximity-1 Space Link Protocol—Physical Layer	30	31
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283	414x1b1s.pdf	Pseudo-Noise (PN) Ranging Systems	24	29
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287	133x1b1c1s_TCA628.pdf	publications/archive/133x1b1c1s_TCA628.pdf	23	17
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289	A02x1y2s.pdf	Restructured Organization and Processes for the Consultative Committee for Space Data Systems	23	38
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291	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	23	24
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295	652x1m1s.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	20	22
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