

Rank	Name	Title	15-Jun	15-May
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2071	2203
2	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	743	828
3	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	637	696
4	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	586	331
5	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	507	1145
6	133x0b1c2.pdf	Space Packet Protocol	495	503
7	102x0b5s.pdf	Packet Telemetry	402	371
8	131x0b2ec1.pdf	TM Synchronization and Channel Coding	380	467
9	211x0b5.pdf	Proximity-1 Space Link Protocol--Data Link Layer	348	395
10	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	312	320
11	101x0b6s.pdf	Telemetry Channel Coding	280	267
12	880x0g2.pdf	Wireless Network Communications Overview for Space Mission Operations	266	322
13	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	261	305
14	122x0b1c3.pdf	Image Data Compression	252	285
15	130x0g3.pdf	Overview of Space Communications Protocols	246	220
16	121x0b2.pdf	Lossless Data Compression	231	260
17	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	229	268
18	350x9g1.pdf	CCSDS Cryptographic Algorithms	229	169
19	120x0g3.pdf	Lossless Data Compression	224	241
20	301x0b4e1.pdf	Time Code Formats	221	259
21	301x0b3s.pdf	Time Code Formats	220	198
22	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	212	239
23	120x1g2.pdf	Image Data Compression	206	212
24	500x0g3.pdf	Navigation Data—Definitions and Conventions	206	200
25	502x0b2c1.pdf	Orbit Data Messages	204	250
26	913x1b1.pdf	Space Link Extension—Internet Protocol for Transfer Services	200	218
27	311x0m1.pdf	Reference Architecture for Space Data Systems	196	231
28	732x0b2c1.pdf	AOS Space Data Link Protocol	195	200
29	520x0g3.pdf	Mission Operations Services Concept	193	214
30	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	186	186
31	706x2g1.pdf	Voice Communications	185	221
32	301x0b2s.pdf	Time Code Formats	184	178
33	231x0b2c1.pdf	TC Synchronization and Channel Coding	178	157
34	132x0b1c1e1.pdf	TM Space Data Link Protocol	178	169
35	232x0b2c1.pdf	TC Space Data Link Protocol	167	149
36	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	166	165
37	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	157	141
38	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	156	133
39	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	156	157

40	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	155	126
41	508x0b1e1.pdf	Conjunction Data Message	155	169
42	130x2g2.pdf	Space Data Link Protocols--Summary of Concept and Rationale	154	174
43	914x0m1ec1.pdf	Space Link Extension—Application Program Interface for Transfer Services—Core Specification	150	76
44	720x1g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	146	130
45	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	144	139
46	132x0b1c1_tc1226.pdf	Technical Corrigendum 1 to CCSDS 132.0-B-1, Issued September 2003	143	93
47	231x1o1.pdf	Short Block Length LDPC Codes for TC Synchronization and Channel Coding	140	158
48	414x0g2.pdf	Pseudo-Noise (PN) Ranging Systems	136	146
49	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	134	161
50	131x0b1s.pdf	TM Synchronization and Channel Coding	131	105
51	735x1b1.pdf	Asynchronous Message Service	129	144
52	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	127	141
53	415x1b1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	124	128
54	732x0b1s.pdf	AOS Space Data Link Protocol	124	105
55	131x5o1.pdf	Erasure Correcting Codes for Use in Near-Earth and Deep-Space Communications	122	108
56	232x1b2.pdf	Communications Operation Procedure-1	121	151
57	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	119	144
58	130x0g1s.pdf	Overview of Space Link Protocols	118	104
59	101x0b4s.pdf	Telemetry Channel Coding	117	116
60	211x1b4.pdf	Proximity-1 Space Link Protocol--Physical Layer	117	127
61	914x2g2.pdf	Space Link Extension—Application Program Interface for Transfer Services—Application Programmer's Guide	116	118
62	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	115	174
63	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	115	173
64	735x0g1.pdf	Asynchronous Message Service	114	134
65	120x0g1s.pdf	Lossless Data Compression	114	95
66	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	113	110
67	232x1b1s.pdf	Communications Operation Procedure-1	113	98
68	660x0g1.pdf	XML Telemetric and Command Exchange (XTCE)	112	99
69	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	111	134
70	201x0b3s.pdf	Telecommand Part 1—Channel Service	110	138
71	652x1m1.pdf	publications/archive/652x1m1.pdf	109	105
72	702x1b1c1.pdf	IP over CCSDS Space Links	109	154
73	232x0b1s.pdf	TC Space Data Link Protocol	108	113

74	503x0b1c1.pdf	Tracking Data Message	108	129
75	350x3g1.pdf	Authentication/Integrity Algorithm Issues Survey	105	128
76	200x0g6.pdf	Telecommand Summary of Concept and Rationale	105	107
77	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	103	139
78	133x1b2c2.pdf	Encapsulation Service	101	108
79	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	100	98
80	414x1b2.pdf	Pseudo-Noise (PN) Ranging Systems	99	119
81	131x4m1.pdf	TM Channel Coding Profiles	98	110
82	230x2g1.pdf	Next Generation Uplink	95	162
83	701x0b2s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	94	98
84	350x4g1.pdf	CCSDS Guide for Secure System Interconnection	94	113
85	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	94	111
86	505x0b1.pdf	XML Specification for Navigation Data Messages	93	95
87	660x0b1.pdf	XML Telemetric and Command Exchange (XTCE)	92	88
88	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	91	95
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92	901x0g1.pdf	Space Communications Cross Support--Architecture Description Document	89	136
93	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	88	85
94	850x0g2.pdf	Spacecraft Onboard Interface Services	86	119
95	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	86	96
96	880x0g1s.pdf	Wireless Network Communications Overview for Space Mission Operations	82	54
97	350x8g1.pdf	Information Security Glossary of Terms	82	83
98	912x1b3.pdf	Space Link Extension—Forward CLTU Service Specification	80	100
99	734x0g1e1.pdf	Rationale, Scenarios, and Requirements for DTN in Space	79	111
100	352x0b1.pdf	CCSDS Cryptographic Algorithms	78	87
101	520x1m1.pdf	Mission Operations Reference Model	78	87
102	101x0b3s.pdf	Telemetry Channel Coding	77	77
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104	713x0b1s.pdf	Space Communications Protocol Specification (SCPS)—Network Protocol (SCPS-NP)	77	74
105	351x0m1.pdf	Security Architecture for Space Data Systems	75	86
106	350x2g1.pdf	Encryption Algorithm Trade Survey	75	87
107	645x0g1.pdf	The Data Description Language EAST—A Tutorial	75	77
108	350x1g1.pdf	Security Threats against Space Missions	74	99
109	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	72	102
110	506x1b1.pdf	Delta-DOR Raw Data Exchange Format	72	77
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114	211x2b2.pdf	Proximity-1 Space Link Protocol--Coding and Synchronization Sublayer	69	95
115	211x0b2s.pdf	Proximity-1 Space Link Protocol	69	33
116	A20x0y4c1.pdf	CCSDS Publications Manual	68	46
117	651x1b1.pdf	Producer-Archive Interface Specification (PAIS)	67	92
118	912x1b1s.pdf	Space Link Extension – Forward CLTU Service Specification	67	82
119	231x0b1c1s.pdf	TC Synchronization and Channel Coding	66	62
120	211x2b1s.pdf	Proximity-1 Space Link Protocol—Coding and Synchronization Sublayer	66	41
121	734x1b1.pdf	Licklider Transmission Protocol (LTP) for CCSDS	66	26
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125	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	65	90
126	643x0b1.pdf	ASCII Encoded English (CCSD0002)	65	78
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133	401x0b15s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth	61	159
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135	630x0b1.pdf	Standard Formatted Data Units — Control Authority Procedures	59	88
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137	203x0b2s.pdf	Telecommand Part 3—Data Management Service	58	56
138	133x0b1c2_tc1227.pdf	Technical Corrigendum 2 to CCSDS 133.0-B-1, Issued September 2003	58	53
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151	910x2g1.pdf	Standard Terminology, Conventions, and Methodology (TCM) for Defining Data Services	52	68
152	103x0b1s.pdf	Packet Telemetry Services	52	63
153	641x0g2.pdf	Parameter Value Language — A Tutorial	51	78
154	881x0m1.pdf	Spacecraft Onboard Interface Services--RFID-Based Inventory Management Systems	50	77
155	706x1g2.pdf	Motion Imagery and Applications	50	
156	313x0y1.pdf	Space Assigned Numbers Authority (SANA)--Role, Responsibilities, Policies, and Procedures	49	60
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159	211x0b1s.pdf	Proximity-1 Space Link Protocol	49	42
160	100x0g1s.pdf	Telemetry Summary of Concept and Rationale	49	77
161	502x0b2c1_tc1214.pdf	Technical Corrigendum 1 to CCSDS 502.0-B-2, Issued November 2009	48	52
162	350x7g1.pdf	Security Guide for Mission Planners	48	76
163	500x0g2s.pdf	Navigation Data—Definitions and Conventions	47	61
164	632x0b1.pdf	Standard Formatted Data Units — Control Authority Data Structures	47	71
165	122x0b1c3_3_tc1129.pdf	Technical Corrigendum 3 to CCSDS 122.0-B-1, Issued November 2005	47	41
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168	A02x1y4c1.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	47	57
169	872x0m1ec1.pdf	Spacecraft Onboard Interface Services—Time Access Service	46	86
170	CP-714.0-W-1.1.doc	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	45	59
171	871x2m1.pdf	Spacecraft Onboard Interface Services--Device Virtualization Service	45	66
172	910x3g3.pdf	Cross Support Concept — Part 1: Space Link Extension	44	91
173	714x0b1c1s.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	44	49
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180	720x3g1.pdf	CCSDS File Delivery Protocol (CFDP)—Part 3: Interoperability Testing Final	41	66
181	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	41	35
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189	915x1m1.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	38	58
190	411x0g3s.pdf	Radio Frequency and Modulation—Part 1: Earth Stations	38	44
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193	720x6y1.doc	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Store and Forward Overlay (SFO)	38	53
194	401x0b08s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	38	46
195	122x0b1c3_2_tca808.pdf	Technical Corrigendum 2 to CCSDS 122.0-B-1, Issued November 2005	37	46
196	103x0b2s.pdf	Packet Telemetry Service Specification	37	43
197	650x0b1s(F).pdf	Modèle de référence pour un Système ouvert d'archivage d'information (OAIS)	36	54
198	910x0g2.pdf	Space Link Extension Services—Executive Summary	36	88
199	320x0b6c1_tc1328.pdf	Technical Corrigendum 1 to CCSDS 320.0-B-6, Issued	36	58
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201	122x0b1c3_1_TC A621.pdf	Technical Corrigendum 1 to CCSDS 122.0-B-1, Issued November 2005	36	57
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207	871x0m1.pdf	Spacecraft Onboard Interface Services--Device Access Service	34	46
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209	717x0b1s.pdf	Space Communications Protocol Specification (SCPS)—File Protocol (SCPS-FP)	34	37
210	875x0m1.pdf	Spacecraft Onboard Interface Services--Message Transfer Service	34	70
211	702x1b1c1_tc1413.pdf	Technical Corrigendum 1 to CCSDS 702.1-B-1, issued September 2012	33	52
212	211x1b3sec1.pdf	Proximity-1 Space Link Protocol—Physical Layer	33	35
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219	133x1b2c2_tc1412.pdf	Technical Corrigendum 2 to CCSDS 133.1-B-2, Issued October 2009	32	63
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228	131x1o1s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space Applications	30	49
229	120x0g2s.pdf	Lossless Data Compression	30	47
230	647x2b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—PVL Syntax (CCSD0012)	30	55
231	210x0g1s.pdf	Proximity-1 Space Link Protocol—Rationale, Architecture, and Scenarios	30	55
232	732x0b2c1_tc1230.pdf	Technical Corrigendum 1 to CCSDS 732.0-B-2, Issued July 2006	30	55
233	871x1m1.pdf	Spacecraft Onboard Interface Services--Device Data Pooling Service	29	53
234	713x5b1sc1.pdf	Space Communications Protocol Specification (SCPS)—Security Protocol (SCPS-SP)	29	41
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260	911x2b1s.pdf	Space Link Extension – Return Channel Frames Service Specification	23	23
261	414x0g1s.pdf	Pseudo-Noise (PN) Ranging Systems	23	40
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280	733x5o1s.pdf	Next Generation Space Internet—End-to-End Security for Space Mission Communications	20	31
281	121x0b1sc2_tca724.pdf	Technical Corrigendum 2 to CCSDS 121.0-B-1-S, Issued May 1997	20	28
282	910x3g2s.pdf	Cross Support Concept — Part 1: Space Link Extension Services	20	27
283	131x2o1c1s_TC_11-09.pdf	Technical Corrigendum 1 to CCSDS 131.2-O-1, Issued September 2007	20	31
284	401x0b24s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	20	21
285	211x0b3s.pdf	Proximity-1 Space Link Protocol—Data Link Layer	18	47
286	ODM-checklist-icd.doc	ODM-Checklist-icd for CCSDS 502.0-B-2	18	31
287	401x0b21tc1_tc1213s.pdf	Technical Corrigendum 1 to CCSDS 401.0-B-21-S, Issued July 2011	18	22
288	121x0b1sc2_TCA633.pdf	Technical Corrigendum 1 to CCSDS 121.0-B-1-S, Issued May 1997	18	25
289	320x0b5sec1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	18	48
290	714x0b1c1s_TCA532.pdf	Technical Corrigendum 1 to CCSDS 714.0-B-1-S, Issued May 1999	18	21
291	911x1b1s.pdf	Space Link Extension – Return All Frames Service Specification	18	42
292	401x0b21tc1s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	18	22
293	203x0b1s.pdf	Telecommand Part 3—Data Management Service	17	26

294	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	17	22
295	644x0b2s.pdf	The Data Description Language EAST Specification (CCSD0010)	17	40
296	135x0b3c1s.pdf	Space Link Identifiers	16	34
297	102x0b1s.pdf	Packet Telemetry	16	36
298	A02x1y2s.pdf	Restructured Organization and Processes for the Consultative Committee for Space Data Systems	16	26
299	133x1b1c1s_TCA 628.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-1, Issued June 2006	16	28
300	401x0b10s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	16	30
301	501x0b1s.pdf	Radio Metric and Orbit Data	16	36
302	350x0g1s.pdf	The Application of CCSDS Protocols to Secure Systems	15	42
303	720x6y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Store and Forward Overlay (SFO)	15	35
304	231x0b1c1s_TCA 613.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-1, Issued September 2003	15	17
305	642x1g1s.pdf	Language Usage in Information Interchange Tutorial	15	38
306	A20x0y3s.pdf	CCSDS Publications Manual	15	21
307	912x3b1s.pdf	Space Link Extension – Forward Space Packet Service Specification	15	25
308	320x0b1s- Corr.pdf	Global Spacecraft Identification Field Code Assignment Control Procedures. CCSDS 320.0-B-1 Cor. 1	15	24
309	520x0g2s.pdf	Mission Operations Services Concept	15	37
310	720x5y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Extended Procedures	14	49
311	713x5b1sc1_TC1 018.pdf	Technical Corrigendum 1 to CCSDS 713.5-B-1, Issued May 1999	14	16
312	705x4b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCA Service and Protocol—Addendum to CCSDS 701.0-B-2	14	40
313	705x2b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the Path Service and Protocol—Addendum to CCSDS 701.0-B-2	14	50
314	912x1b2c1s_tca7 10.pdf	Technical Corrigendum 1 to CCSDS 912.1-B-2, Issued November 2004	14	20
315	727x0b1s.pdf	CCSDS File Delivery Protocol (CFDP)	14	24
316	644x0b2s.pdf	publications/archive/644x0b2s.pdf	14	21
317	641x0b1s.pdf	Parameter Value Language Specification (CCSD0006)	13	27
318	705x1b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Abstract Data Type Library—Addendum to CCSDS 701.0-B-2	13	29
319	135x0b3c1s_TCA 804.pdf	Technical Corrigendum 1 to CCSDS 135.0-B-3, Issued October 2006	13	16
320	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	13	44
321	135x0b2s.pdf	Space Link Identifiers	13	23
322	A20x0y2s.pdf	CCSDS Publications Manual	12	24

323	CCSDS-910.11-B-1_XML_schemas.zip	CCSDS-910.11-B-1 XML Schemas	11	13
324	401x0b14s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	11	22
325	A20x0y21s.pdf	CCSDS Publications Manual	11	20
326	720x2g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	11	34
327	914x2g1s.pdf	Space Link Extension—Application Program Interface for Transfer Services—Application Programmer's Guide	11	21
328	720x4y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Core Procedures	11	55
329	611x0y1s.pdf	CCSDS Panel 2 Methodology for Development of Recommendations	11	24
330	641x0b1.pdf	publications/archive/641x0b1.pdf	10	22
331	644x0b1.pdf	publications/archive/644x0b1.pdf	10	15
332	733x0o1s.pdf	Next Generation Space Internet—Supporting Spacecraft IP Mobility. Experimental Specification	10	30
333	720x1g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	8	33
334	401x0b16s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	7	36
335	644x0b1s.pdf	The Data Description Language EAST Specification (CCSD0010)	5	22
336	504x0b1c1.pdf	Attitude Data Messages	0	0
337	504x0b1c1_tc1518.pdf	Corrigendum 1 to CCSDS 504.0-B-1, Issued May 2008		