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1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	2003	1744
2	355x0b1.pdf	Space Data Link Security Protocol	1933	143
3	232x0b3.pdf	TC Space Data Link Protocol	1484	129
4	132x0b2.pdf	TM Space Data Link Protocol	981	221
5	350x1g2.pdf	Security Threats against Space Missions	750	1
6	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	706	470
7	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	698	653
8	734x2b1.pdf	CCSDS Bundle Protocol Specification	624	137
9	880x0g2.pdf	Wireless Network Communications Overview for Space Mission Operations	615	507
10	133x0b1c2.pdf	Space Packet Protocol	601	504
11	131x0b2ec1.pdf	TM Synchronization and Channel Coding	560	388
12	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	443	390
13	102x0b5s.pdf	Packet Telemetry	417	316
14	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	360	285
15	732x0b3.pdf	AOS Space Data Link Protocol	352	159
16	130x2g3.pdf	Space Data Link Protocols--Summary of Concept and Rationale	344	106
17	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	334	284
18	913x1b2.pdf	Space Link Extension--Internet Protocol for Transfer Services	326	95
19	101x0b6s.pdf	Telemetry Channel Coding	310	272
20	508x0b1e1.pdf	Conjunction Data Message	307	167
21	502x0b2c1.pdf	Orbit Data Messages	298	192
22	130x0g3.pdf	Overview of Space Communications Protocols	277	224
23	850x0g2.pdf	Spacecraft Onboard Interface Services	271	225
24	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	270	231
25	311x0m1.pdf	Reference Architecture for Space Data Systems	269	188
26	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	251	269
27	520x0g3.pdf	Mission Operations Services Concept	244	220
28	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	231	154
29	120x0g3.pdf	Lossless Data Compression	220	214
30	301x0b4e1.pdf	Time Code Formats	220	163
31	231x0b2c1.pdf	TC Synchronization and Channel Coding	220	147
32	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	217	131
33	122x0b1c3.pdf	Image Data Compression	214	179
34	500x0g3.pdf	Navigation Data—Definitions and Conventions	207	199
35	505x0b1.pdf	XML Specification for Navigation Data Messages	202	96
36	121x0b2.pdf	Lossless Data Compression	199	195
37	301x0b3s.pdf	Time Code Formats	199	184
38	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	196	213
39	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	193	161
40	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	192	156
41	706x2g1.pdf	Voice Communications	190	214

42	231x1o1.pdf	Short Block Length LDPC Codes for TC Synchronization and Channel Coding	189	191
43	414x0g2.pdf	Pseudo-Noise (PN) Ranging Systems	177	151
44	651x1b1.pdf	Producer-Archive Interface Specification (PAIS)	168	78
45	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	163	148
46	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	163	120
47	232x1b2.pdf	Communications Operation Procedure-1	159	152
48	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	153	104
49	732x0b1s.pdf	AOS Space Data Link Protocol	152	111
50	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	150	162
51	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	144	133
52	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	142	129
53	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	138	130
54	211x0b5.pdf	Proximity-1 Space Link Protocol--Data Link Layer	138	134
55	120x1g2.pdf	Image Data Compression	138	168
56	101x0b4s.pdf	Telemetry Channel Coding	138	133
57	120x2g1.pdf	Lossless Multispectral and Hyperspectral Image Compression	135	1
58	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	135	95
59	660x0b1.pdf	XML Telemetric and Command Exchange (XTCE)	135	97
60	232x0b1s.pdf	TC Space Data Link Protocol	134	124
61	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	134	87
62	500x2g1.pdf	Navigation Data Messages Overview	133	1
63	350x8g1.pdf	Information Security Glossary of Terms	131	91
64	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	129	105
65	301x0b2s.pdf	Time Code Formats	129	93
66	503x0b1c1.pdf	Tracking Data Message	129	80
67	911x1b3ec1.pdf	Space Link Extension—Return All Frames Service Specification	128	87
68	131x4m1.pdf	TM Channel Coding Profiles	127	109
69	130x0g1s.pdf	Overview of Space Link Protocols	126	96
70	133x1b2c2.pdf	Encapsulation Service	126	110
71	200x0g6.pdf	Telecommand Summary of Concept and Rationale	125	101
72	131x0b1s.pdf	TM Synchronization and Channel Coding	125	176
73	414x1b2.pdf	Pseudo-Noise (PN) Ranging Systems	123	84
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81	312x0g1.pdf	Reference Architecture for Space Information Management	115	113
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92	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	107	98
93	201x0b3s.pdf	Telecommand Part 1—Channel Service	106	54
94	232x1b1s.pdf	Communications Operation Procedure-1	106	80
95	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	106	66
96	211x1b4.pdf	Proximity-1 Space Link Protocol--Physical Layer	105	155
97	352x0b1.pdf	CCSDS Cryptographic Algorithms	105	74
98	230x2g1.pdf	Next Generation Uplink	103	66
99	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	103	103
100	735x1b1.pdf	Asynchronous Message Service	103	81
101	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	103	95
102	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	102	106
103	350x9g1.pdf	CCSDS Cryptographic Algorithms	101	63
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107	740x0g1e1.pdf	Mars Mission Protocol Profiles--Purpose and Rationale	94	89
108	122x0b1c3_1_TC A621.pdf	Technical Corrigendum 1 to CCSDS 122.0-B-1, Issued November 2005	93	78
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117	350x7g1.pdf	Security Guide for Mission Planners	88	51
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152	702x1b1c1_tc1413.pdf	Technical Corrigendum 1 to CCSDS 702.1-B-1, issued September 2012	74	64
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154	504x0b1c1.pdf	Attitude Data Messages	73	113
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156	132x0b1c1e1s.pdf	TM Space Data Link Protocol	71	42
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215	647x1b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—Abstract Syntax (CCSD0011)	53	55
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262	133x1b2c2_tc1228.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-2, Issued October 2009	40	35
263	641x0b1.pdf	publications/archive/641x0b1.pdf	40	33
264	727x0b3s.pdf	CCSDS File Delivery Protocol (CFDP)	39	31
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281	101x0b5s.pdf	Telemetry Channel Coding	34	24
282	401x0b14s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	34	14
283	A20x0y4c1.pdf	CCSDS Publications Manual	33	42
284	504x0b1c1_tc1518.pdf	Corrigendum 1 to CCSDS 504.0-B-1, Issued May 2008	33	25
285	320x0b1s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	33	20
286	133x1b1c1s.pdf	Encapsulation Service	32	12
287	414x1b1s.pdf	Pseudo-Noise (PN) Ranging Systems	32	31
288	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	32	17
289	131x2o1c1s_TC_11-09.pdf	Technical Corrigendum 1 to CCSDS 131.2-O-1, Issued September 2007	32	19
290	910x3g2s.pdf	Cross Support Concept — Part 1: Space Link Extension Services	32	17
291	211x0b4s.pdf	Proximity-1 Space Link Protocol—Data Link Layer	32	34
292	644x0b2s.pdf	The Data Description Language EAST Specification (CCSD0010)	31	12
293	135x0b2s.pdf	Space Link Identifiers	31	13
294	912x1b2c1s_tca710.pdf	Technical Corrigendum 1 to CCSDS 912.1-B-2, Issued November 2004	31	27
295	401x0b16s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	31	7
296	A20x0y4c1_ac1504.pdf	Corrigendum 1 to CCSDS A20.0-Y-4, issued April 2014	31	26
297	713x5b1sc1_TC1018.pdf	Technical Corrigendum 1 to CCSDS 713.5-B-1, Issued May 1999	31	25
298	720x1g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	30	7
299	A20x0y21s.pdf	CCSDS Publications Manual	30	11
300	GSCID Request Form.pdf	GSCID Request Form for CCSDS 320.0-B-6	29	25
301	501x0b1s.pdf	Radio Metric and Orbit Data	29	13
302	706x1g1s.pdf	Motion Imagery and Applications	29	29
303	A02x1y2s.pdf	Restructured Organization and Processes for the Consultative Committee for Space Data Systems	29	18

304	401x0b23s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	29	16
305	120x0g2s.pdf	Lossless Data Compression	29	20
306	320x0b3s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	29	30
307	611x0y1s.pdf	CCSDS Panel 2 Methodology for Development of Recommendations	28	5
308	211x1b3sec1.pdf	Proximity-1 Space Link Protocol—Physical Layer	28	26
309	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	28	12
310	130x2g1s.pdf	Space Data Link Protocols—Summary of Concept and Rationale	28	11
311	850x0g1s.pdf	Spacecraft Onboard Interface Services	28	22
312	720x5y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Extended Procedures	28	34
313	A00x0y9s.pdf	Procedures Manual for the Consultative Committee for Space Data Systems	27	21
314	701RB3.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	27	21
315	714x0b1c1s_TCA 532.pdf	Technical Corrigendum 1 to CCSDS 714.0-B-1-S, Issued May 1999	27	25
316	733x5o1s.pdf	Next Generation Space Internet—End-to-End Security for Space Mission Communications	27	22
317	135x0b3c1s.pdf	Space Link Identifiers	27	14
318	A20x0y2s.pdf	CCSDS Publications Manual	26	13
319	121x0b1sc2_TCA 633.pdf	Technical Corrigendum 1 to CCSDS 121.0-B-1-S, Issued May 1997	26	14
320	121x0b1sc2_tca7 24.pdf	Technical Corrigendum 2 to CCSDS 121.0-B-1-S, Issued May 1997	26	17
321	705x2b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the Path Service and Protocol—Addendum to CCSDS 701.0-B-2	26	11
322	520x0g2s.pdf	Mission Operations Services Concept	25	9
323	644x0b1s.pdf	The Data Description Language EAST Specification (CCSD0010)	25	8
324	A02x1y3s.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	25	22
325	401x0b24s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	25	13
326	350x0g1s.pdf	The Application of CCSDS Protocols to Secure Systems	25	11
327	732x5o1s.pdf	Next Generation Space Internet—End-to-End Resource Provisioning for Orbiting Missions	24	15
328	130x0g2s.pdf	Overview of Space Communications Protocols	24	33
329	A20x0y3s.pdf	CCSDS Publications Manual	24	10
330	133x1b1c1s_TCA 628.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-1, Issued June 2006	24	13
331	914x2g1s.pdf	Space Link Extension—Application Program Interface for Transfer Services—Application Programmer's Guide	24	7
332	720x2g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	24	9
333	231x0b1c1s_TCA 613.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-1, Issued September 2003	24	8

334	911x2b1s.pdf	Space Link Extension – Return Channel Frames Service Specification	24	13
335	500x0g1s.pdf	Navigation Data—Definitions and Conventions	24	12
336	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	23	27
337	912x3b1s.pdf	Space Link Extension – Forward Space Packet Service Specification	23	15
338	733x0o1s.pdf	Next Generation Space Internet—Supporting Spacecraft IP Mobility. Experimental Specification	23	19
339	101x0b1s.pdf	Telemetry Channel Coding	23	19
340	401x0b21tc1s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	22	19
341	727x0b1s.pdf	CCSDS File Delivery Protocol (CFDP)	22	16
342	320x0b4s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	22	17
343	320x0b5sec1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	21	12
344	135x0b3c1s_TCA804.pdf	Technical Corrigendum 1 to CCSDS 135.0-B-3, Issued October 2006	21	13
345	102x0b1s.pdf	Packet Telemetry	21	18
346	705x3b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCLC Service and Protocol—Addendum to CCSDS 701.0-B-2	21	14
347	705x1b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Abstract Data Type Library—Addendum to CCSDS 701.0-B-2	19	9
348	641x0b1s.pdf	Parameter Value Language Specification (CCSD0006)	19	8
349	652x1m1s.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	19	15
350	911x1b1s.pdf	Space Link Extension – Return All Frames Service Specification	17	9
351	320x0b1s-Corr.pdf	Global Spacecraft Identification Field Code Assignment Control Procedures. CCSDS 320.0-B-1 Cor. 1	17	15
352	320x0b2s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	17	14
353	CCSDS-910.11-B-1_XML_schemas.zip	CCSDS-910.11-B-1 XML Schemas	16	18
354	A02x1y4c2_ac1503.pdf	Corrigendum 1 to CCSDS A02.1-Y-4, Issued April 2014	0	0
355	A02x1y4c2.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	0	0
356	A02x1y4c2_ac1602.pdf	Corrigendum 2 to CCSDS A02.1-Y-4, Issued April 2014		