

Rank	Name	Title	15-Dec	15-Nov
1	650x0m2.pdf	Reference Model for an Open Archival Information System (OAIS)	1744	2211
2	650x0b1.pdf	Pointer to CCSDS 650.0-M-2	653	706
3	880x0g2.pdf	Wireless Network Communications Overview for Space Mission Operations	507	388
4	133x0b1c2.pdf	Space Packet Protocol	504	518
5	652x0m1.pdf	Audit and Certification of Trustworthy Digital Repositories	470	761
6	714x0b2.pdf	Space Communications Protocol Specification (SCPS)—Transport Protocol	390	390
7	131x0b2ec1.pdf	TM Synchronization and Channel Coding	388	488
8	102x0b5s.pdf	Packet Telemetry	316	360
9	130x1g2.pdf	TM Synchronization and Channel Coding--Summary of Concept and Rationale	285	305
10	413x0g2.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	284	262
11	101x0b6s.pdf	Telemetry Channel Coding	272	284
12	727x0b4.pdf	CCSDS File Delivery Protocol (CFDP)	269	213
13	651x0m1.pdf	Producer-Archive Interface Methodology Abstract Standard	231	221
14	850x0g2.pdf	Spacecraft Onboard Interface Services	225	121
15	130x0g3.pdf	Overview of Space Communications Protocols	224	229
16	132x0b2.pdf	TM Space Data Link Protocol	221	245
17	520x0g3.pdf	Mission Operations Services Concept	220	254
18	120x0g3.pdf	Lossless Data Compression	214	211
19	706x2g1.pdf	Voice Communications	214	224
20	06-11-06.xml	Master Schema for XTCE Format (CCSDS 660.0-B-1)	213	149
21	500x0g3.pdf	Navigation Data—Definitions and Conventions	199	208
22	121x0b2.pdf	Lossless Data Compression	195	203
23	502x0b2c1.pdf	Orbit Data Messages	192	288
24	231x1o1.pdf	Short Block Length LDPC Codes for TC Synchronization and Channel Coding	191	190
25	311x0m1.pdf	Reference Architecture for Space Data Systems	188	191
26	301x0b3s.pdf	Time Code Formats	184	178
27	122x0b1c3.pdf	Image Data Compression	179	204
28	131x0b1s.pdf	TM Synchronization and Channel Coding	176	213
29	120x1g2.pdf	Image Data Compression	168	134
30	508x0b1e1.pdf	Conjunction Data Message	167	205
31	301x0b4e1.pdf	Time Code Formats	163	239
32	123x0b1ec1.pdf	Lossless Multispectral & Hyperspectral Image Compression	162	119
33	131x3b1.pdf	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	161	164
34	732x0b3.pdf	AOS Space Data Link Protocol	159	153
35	401x0b25.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	156	186
36	211x1b4.pdf	Proximity-1 Space Link Protocol--Physical Layer	155	100
37	131x2b1e1.pdf	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	154	173
38	232x1b2.pdf	Communications Operation Procedure-1	152	102
39	414x0g2.pdf	Pseudo-Noise (PN) Ranging Systems	151	135

40	661x0b1.pdf	XML Formatted Data Unit (XFDU) Structure and Construction Rules	148	146
41	231x0b2c1.pdf	TC Synchronization and Channel Coding	147	162
42	355x0b1.pdf	Space Data Link Security Protocol	143	90
43	734x2b1.pdf	CCSDS Bundle Protocol Specification	137	186
44	211x0b5.pdf	Proximity-1 Space Link Protocol--Data Link Layer	134	127
45	101x0b4s.pdf	Telemetry Channel Coding	133	144
46	910x4b2e1.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	133	109
47	131x1o2e2s.pdf	Low Density Parity Check Codes for Use in Near-Earth and Deep Space	131	165
48	415x0g1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	130	139
49	232x0b3.pdf	TC Space Data Link Protocol	129	135
50	652x1m2.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	129	260
51	232x0b1s.pdf	TC Space Data Link Protocol	124	148
52	720x1g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	123	84
53	730x1g1.pdf	Solar System Internetwork (SSI) Architecture	121	83
54	B20x0y2.pdf	Proceedings of the CCSDS RF and Modulation Subpanel 1E on Bandwidth-Efficient Modulations	120	58
55	852x0m1.pdf	Spacecraft Onboard Interface Services--Subnetwork Memory Access Service	117	41
56	720x2g3.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	116	79
57	916x3m2.pdf	Space Link Extension—Application Program Interface for the Forward Space Packet Service	115	64
58	504x0b1c1.pdf	Attitude Data Messages	113	68
59	312x0g1.pdf	Reference Architecture for Space Information Management	113	80
60	500x1g1.pdf	Delta-DOR--Technical Characteristics and Performance	112	97
61	734x1b1.pdf	Licklider Transmission Protocol (LTP) for CCSDS	112	180
62	734x0g1e1.pdf	Rationale, Scenarios, and Requirements for DTN in Space	112	85
63	882x0m1.pdf	Spacecraft Onboard Interface Systems--Low Data-Rate Wireless Communications for Spacecraft Monitoring and Control	112	54
64	630x0b1.pdf	Standard Formatted Data Units — Control Authority Procedures	112	62
65	901x0g1.pdf	Space Communications Cross Support--Architecture Description Document	111	83
66	912x1b3.pdf	Space Link Extension—Forward CLTU Service Specification	111	76
67	732x0b1s.pdf	AOS Space Data Link Protocol	111	131
68	133x1b2c2.pdf	Encapsulation Service	110	88
69	647x3b1.pdf	Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	109	101
70	131x4m1.pdf	TM Channel Coding Profiles	109	81
71	701x0b3s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	106	90

72	415x1b1.pdf	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	106	90
73	130x2g3.pdf	Space Data Link Protocols--Summary of Concept and Rationale	106	98
74	911x2b2ec1.pdf	Space Link Extension—Return Channel Frames Service Specification	105	90
75	521x0b2e1.pdf	Mission Operations Message Abstraction Layer	104	90
76	660x0g1.pdf	XML Telemetric and Command Exchange (XTCE)	104	117
77	912x11o1.pdf	Space Link Extension--Enhanced Forward CLTU Service	103	92
78	643x0b1.pdf	ASCII Encoded English (CCSD0002)	103	65
79	702x1b1c1.pdf	IP over CCSDS Space Links	102	75
80	200x0g6.pdf	Telecommand Summary of Concept and Rationale	101	94
81	350x3g1.pdf	Authentication/Integrity Algorithm Issues Survey	101	81
82	650x0b1s.pdf	Reference Model for an Open Archival Information System (OAIS)	100	264
83	872x0m1ec1.pdf	Spacecraft Onboard Interface Services—Time Access Service	100	62
84	210x0g2.pdf	Proximity-1 Space Link Protocol--Rationale, Architecture, and Scenarios	100	120
85	621x0g1.pdf	Standard Formatted Data Units — A Tutorial	98	90
86	700x0g3.pdf	Advanced Orbiting Systems, Networks and Data Links: Summary of Concept, Rationale and Performance	98	55
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89	130x0g1s.pdf	Overview of Space Link Protocols	96	77
90	913x1b2.pdf	Space Link Extension--Internet Protocol for Transfer Services	95	74
91	506x0m1.pdf	Delta-Differential One Way Ranging (Delta-DOR) Operations	95	102
92	350x0g2.pdf	The Application of CCSDS Protocols to Secure Systems	95	123
93	910x3g3.pdf	Cross Support Concept — Part 1: Space Link Extension	95	37
94	523x1m1.pdf	Mission Operations Message Abstraction Layer--JAVA API	93	57
95	301x0b2s.pdf	Time Code Formats	93	112
96	620x0b2.pdf	Standard Formatted Data Units — Structure and Construction Rules	92	76
97	350x8g1.pdf	Information Security Glossary of Terms	91	94
98	350x2g1.pdf	Encryption Algorithm Trade Survey	91	72
99	413x0g1s.pdf	Bandwidth-Efficient Modulations: Summary of Definition, Implementation, and Performance	91	73
100	660x1g1.pdf	XML Telemetric and Command Exchange (XTCE)--Element Description	90	47
101	871x0m1.pdf	Spacecraft Onboard Interface Services--Device Access Service	90	54
102	740x0g1e1.pdf	Mars Mission Protocol Profiles--Purpose and Rationale	89	69
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108	320x0b6c1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	87	103
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110	871x2m1.pdf	Spacecraft Onboard Interface Services--Device Virtualization Service	84	53
111	414x1b2.pdf	Pseudo-Noise (PN) Ranging Systems	84	83
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115	735x1b1.pdf	Asynchronous Message Service	81	102
116	521x1b1.pdf	Mission Operations Common Object Model	81	66
117	701x0b2s.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	81	99
118	232x1b1s.pdf	Communications Operation Procedure-1	80	99
119	503x0b1c1.pdf	Tracking Data Message	80	92
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126	651x1b1.pdf	Producer-Archive Interface Specification (PAIS)	78	106
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130	520x1m1.pdf	Mission Operations Reference Model	75	62
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135	722x1m1.pdf	Operation of CFDP over Encapsulation Service	73	46
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144	231x0b2c1_tc1308.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-2, Issued September 2010	68	38
145	230x2g1.pdf	Next Generation Uplink	66	78
146	230x1g2e1.pdf	TC Synchronization and Channel Coding--Summary of Concept and Rationale	66	81
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151	702x1b1c1_tc1413.pdf	Technical Corrigendum 1 to CCSDS 702.1-B-1, issued September 2012	64	41
152	350x9g1.pdf	CCSDS Cryptographic Algorithms	63	94
153	646x0g1.pdf	The Data Description Language EAST—List of Conventions	60	41
154	915x1m2.pdf	Space Link Extension—Application Program Interface for Return All Frames Service	60	72
155	911x5b2ec1.pdf	Space Link Extension—Return Operational Control Fields Service Specification	60	35
156	855x0m1.pdf	Spacecraft Onboard Interface Services--Subnetwork Test Service	60	38
157	CP-714.0-W-1.1.doc	Space Communications Protocol Specification (SCPS)—Transport Protocol (SCPS-TP)	58	31
158	202x0b3s.pdf	Telecommand Part 2—Data Routing Service	58	53
159	916x1m2.pdf	Space Link Extension—Application Program Interface for the Forward CLTU Service	58	67
160	122x0b1c3_3_tc1129.pdf	Technical Corrigendum 3 to CCSDS 122.0-B-1, Issued November 2005	58	32
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175	914x0m2.pdf	Space Link Extension--Application Program Interface for Transfer Services--Core Specification	52	63
176	133x0b1c2_tc1227.pdf	Technical Corrigendum 2 to CCSDS 133.0-B-1, Issued September 2003	52	43
177	131x2o1c1s.pdf	Flexible Serially Concatenated Convolutional Turbo Codes with Near-Shannon Bound Performance for Telemetry Applications	52	45
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192	211x0b2s.pdf	Proximity-1 Space Link Protocol	46	71
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203	132x0b1c1e1s.pdf	TM Space Data Link Protocol	42	44
204	A20x0y4c1.pdf	CCSDS Publications Manual	42	27
205	902x0g1.pdf	Extensible Space Communication Cross Support--Service Management--Concept	42	59
206	720x6y1.doc	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Store and Forward Overlay (SFO)	41	17
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209	232x0b2c1s.pdf	TC Space Data Link Protocol	41	52
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212	503x0b1c1_tc1022.pdf	Technical Corrigendum 1 to CCSDS 503.0-B-1, Issued November 2007	39	44
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214	211x2b1s.pdf	Proximity-1 Space Link Protocol—Coding and Synchronization Sublayer	39	49
215	632x0b1.pdf	Standard Formatted Data Units — Control Authority Data Structures	38	30
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228	644x0b1.pdf	publications/archive/644x0b1.pdf	35	39
229	133x1b2c2_tc1228.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-2, Issued October 2009	35	31
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231	202x1b2s.pdf	Telecommand Part 2.1—Command Operation Procedures	34	34

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233	720x5y1.pdf	CCSDS File Delivery Protocol (CFDP)—Notebook of Common Inter-Agency Tests for Extended Procedures	34	20
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244	414x1b1s.pdf	Pseudo-Noise (PN) Ranging Systems	31	26
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252	320x0b3s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	30	34
253	706x1g1s.pdf	Motion Imagery and Applications	29	17
254	A20x1y1.pdf	CCSDS Implementation Conformance Statements	29	39
255	732x0b2c1s_tc123 0.pdf	Technical Corrigendum 1 to CCSDS 732.0-B-2-S, Issued July 2006	29	31
256	713x5b1sc1.pdf	Space Communications Protocol Specification (SCPS)—Security Protocol (SCPS-SP)	29	29
257	911x1b2s.pdf	Space Link Extension – Return All Frames Service Specification	28	30
258	211x0b1s.pdf	Proximity-1 Space Link Protocol	28	49
259	A01x2y4s.pdf	CCSDS Operating Plan for Standards Development - Draft Yellow Book	28	19
260	A02x1y4c1_ac150 3.pdf	Corrigendum 1 to CCSDS A02.1-Y-4, Issued April 2014	28	22
261	411x0g3s.pdf	Radio Frequency and Modulation—Part 1: Earth Stations	27	33



262	CP-7140B1-1.2.doc	Extended Signaling for SCPS-TP	27	15
263	122x0b1c3_2_tca808.pdf	Technical Corrigendum 2 to CCSDS 122.0-B-1, Issued November 2005	27	29
264	912x1b2c1s_tca710.pdf	Technical Corrigendum 1 to CCSDS 912.1-B-2, Issued November 2004	27	29
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276	650x0b1s(F).pdf	Modèle de référence pour un Système ouvert d'archivage d'information (OAIS)	25	28
277	504x0b1c1_tc1518.pdf	Corrigendum 1 to CCSDS 504.0-B-1, Issued May 2008	25	29
278	713x5b1sc1_TC1018.pdf	Technical Corrigendum 1 to CCSDS 713.5-B-1, Issued May 1999	25	29
279	520x0g1s.pdf	Mission Operations Services Concept	24	24
280	101x0b5s.pdf	Telemetry Channel Coding	24	29
281	133x1b1c1.pdf	Encapsulation Service	23	20
282	704x0b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Audio, Video and Still-Image Communications Services	23	21
283	A02x1y3s.pdf	Organization and Processes for the Consultative Committee for Space Data Systems	22	19
284	401x0b17s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	22	28
285	733x5o1s.pdf	Next Generation Space Internet—End-to-End Security for Space Mission Communications	22	42
286	850x0g1s.pdf	Spacecraft Onboard Interface Services	22	28
287	A00x0y9s.pdf	Procedures Manual for the Consultative Committee for Space Data Systems	21	22
288	701RB3.pdf	Advanced Orbiting Systems, Networks and Data Links: Architectural Specification	21	20
289	910x4b1s.pdf	Cross Support Reference Model—Part 1: Space Link Extension Services	21	31
290	120x0g2s.pdf	Lossless Data Compression	20	25
291	320x0b1s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	20	25
292	401x0b21tc1s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	19	25

293	644x0b2.pdf	publications/archive/644x0b2.pdf	19	28
294	733x0o1s.pdf	Next Generation Space Internet—Supporting Spacecraft IP Mobility. Experimental Specification	19	23
295	131x2o1c1s_TC_1-09.pdf	Technical Corrigendum 1 to CCSDS 131.2-O-1, Issued September 2007	19	17
296	101x0b1s.pdf	Telemetry Channel Coding	19	22
297	A30x0g3s.pdf	CCSDS Glossary	19	24
298	A02x1y2s.pdf	Restructured Organization and Processes for the Consultative Committee for Space Data Systems	18	13
299	102x0b1s.pdf	Packet Telemetry	18	16
300	CCSDS-910.11-B-1_XML_schemas.zip	CCSDS-910.11-B-1 XML Schemas	18	15
301	401x0b10s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	17	15
302	401x0b19s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	17	14
303	910x3g2s.pdf	Cross Support Concept — Part 1: Space Link Extension Services	17	13
304	121x0b1sc2_tca724.pdf	Technical Corrigendum 2 to CCSDS 121.0-B-1-S, Issued May 1997	17	27
305	320x0b4s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	17	18
306	727x0b1s.pdf	CCSDS File Delivery Protocol (CFDP)	16	9
307	CP-5060W0-1.1.pdf	Delta-DOR	16	25
308	642x1g1s.pdf	Language Usage in Information Interchange Tutorial	16	14
309	401x0b23s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	16	25
310	201x0b2s.pdf	Telecommand Part 1—Channel Service	15	31
311	320x0b1s-Corr.pdf	Global Spacecraft Identification Field Code Assignment Control Procedures. CCSDS 320.0-B-1 Cor. 1	15	21
312	732x5o1s.pdf	Next Generation Space Internet—End-to-End Resource Provisioning for Orbiting Missions	15	20
313	912x3b1s.pdf	Space Link Extension – Forward Space Packet Service Specification	15	12
314	705x4b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCA Service and Protocol—Addendum to CCSDS 701.0-B-2	15	9
315	652x1m1s.pdf	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories	15	23
316	135x0b1s.pdf	Space Link Identifiers	14	36
317	121x0b1sc2_TCA633.pdf	Technical Corrigendum 1 to CCSDS 121.0-B-1-S, Issued May 1997	14	17
318	705x3b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the VCLC Service and Protocol—Addendum to CCSDS 701.0-B-2	14	14
319	203x0b1s.pdf	Telecommand Part 3—Data Management Service	14	18
320	401x0b14s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	14	18

321	320x0b2s.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	14	14
322	135x0b3c1s.pdf	Space Link Identifiers	14	19
323	911x5b1s.pdf	Space Link Extension – Return Operational Control Fields Service Specification	13	19
324	501x0b1s.pdf	Radio Metric and Orbit Data	13	16
325	135x0b2s.pdf	Space Link Identifiers	13	17
326	133x1b1c1s_TCA628.pdf	Technical Corrigendum 1 to CCSDS 133.1-B-1, Issued June 2006	13	20
327	135x0b3c1s_TCA804.pdf	Technical Corrigendum 1 to CCSDS 135.0-B-3, Issued October 2006	13	18
328	A20x0y2s.pdf	CCSDS Publications Manual	13	14
329	401x0b24s.pdf	Radio Frequency and Modulation Systems--Part 1: Earth Stations and Spacecraft	13	22
330	911x2b1s.pdf	Space Link Extension – Return Channel Frames Service Specification	13	17
331	133x1b1c1s.pdf	Encapsulation Service	12	32
332	644x0b2s.pdf	The Data Description Language EAST Specification (CCSD0010)	12	13
333	211x1b2s.pdf	Proximity-1 Space Link Protocol—Physical Layer	12	20
334	320x0b5sec1.pdf	CCSDS Global Spacecraft Identification Field Code Assignment Control Procedures	12	24
335	500x0g1s.pdf	Navigation Data—Definitions and Conventions	12	23
336	130x2g1s.pdf	Space Data Link Protocols—Summary of Concept and Rationale	11	23
337	705x2b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Formal Specification of the Path Service and Protocol—Addendum to CCSDS 701.0-B-2	11	9
338	A20x0y21s.pdf	CCSDS Publications Manual	11	17
339	350x0g1s.pdf	The Application of CCSDS Protocols to Secure Systems	11	10
340	A20x0y3s.pdf	CCSDS Publications Manual	10	16
341	911x1b1s.pdf	Space Link Extension – Return All Frames Service Specification	9	21
342	520x0g2s.pdf	Mission Operations Services Concept	9	11
343	720x2g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 2: Implementers Guide	9	14
344	705x1b1s.pdf	Advanced Orbiting Systems, Networks and Data Links: Abstract Data Type Library—Addendum to CCSDS 701.0-B-2	9	18
345	644x0b1s.pdf	The Data Description Language EAST Specification (CCSD0010)	8	12
346	231x0b1c1s_TCA613.pdf	Technical Corrigendum 1 to CCSDS 231.0-B-1, Issued September 2003	8	11
347	641x0b1s.pdf	Parameter Value Language Specification (CCSD0006)	8	13
348	914x2g1s.pdf	Space Link Extension—Application Program Interface for Transfer Services—Application Programmer's Guide	7	14
349	720x1g2s.pdf	CCSDS File Delivery Protocol (CFDP)—Part 1: Introduction and Overview	7	11
350	401x0b16s.pdf	Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	7	13
351	611x0y1s.pdf	CCSDS Panel 2 Methodology for Development of Recommendations	5	10

352	350x1g1s.pdf	Security Threats against Space Missions	1	0
353	120x2g1.pdf	Lossless Multispectral and Hyperspectral Image Compression	1	
354	500x2g1.pdf	Navigation Data Messages Overview	1	
355	350x1g2.pdf	Security Threats against Space Missions	1	