

TC20/SC13 国際規格の処理状況 (1/5) (令和 8 年 1 月現在)

エリア名	ブックナンバー	ブック名	CCSDS 文書 発行月	ISO 番号	文書化状 況
システム エンジニア リングエリア (SEA)	CCSDS 301.0-B-4	Time Code Formats.	Nov. 2010	ISO 11104:2011	発行済
	CCSDS 352.0-B-2	CCSDS Cryptographic Algorithms.	Aug. 2019	ISO 20215:2015	発行済
	CCSDS 356.0-B-1	Network Layer Security Adaptation Profile	Jun. 2018	-	-
	CCSDS 357.0-B-1	CCSDS Authentication Credentials	Jul. 2019	-	-
	CCSDS 506.1-B-1	Delta-DOR Raw Data Exchange Format.	Jun. 2013	ISO 20208:2015	発行済
	CCSDS 311.0-M-1	Reference Architecture for Space Data Systems.	Sep. 2008	ISO 13537:2010	発行済
	CCSDS 320.0-M-7	CCSDS Spacecraft Identification Field Code Assignment Control Procedures	Nov. 2017	-	-
	CCSDS 350.8-M-3	Information Security Glossary of Terms	Feb. 2024	-	-
	CCSDS 351.0-M-1	Security Architecture for Space Data Systems.	Nov. 2012	ISO 20214:2015	発行済
	CCSDS 354.0-M-1	Symmetric Key Management	Dec. 2023	-	-
	CCSDS 506.0-M-2	Delta-Differential One Way Ranging (Delta-DOR) Operations.	Feb. 2018	ISO 17809:2014	発行済
	CCSDS 506.3-M-1	Delta-DOR Quasar Catalog Update Procedure	Feb. 2018	-	-
ミッション運用/ 情報管理 サービスエリア (MOIMS)	CCSDS 502.0-B-3	Orbit Data Messages.	Apr. 2023	ISO 26900:2012	発行済
	CCSDS 503.0-B-2	Tracking Data Message (TDM).	Jun. 2020	ISO 13526:2010	発行済
	CCSDS 504.0-B-2	Attitude Data Messages.	Jan. 2424	ISO 13541:2021	発行済
	CCSDS 505.0-B-3	XML Specification for Navigation Data Messages.	May. 2023	ISO 17107:2011	発行済
	CCSDS 508.0-B-1	Conjunction Data Message	Jun. 2013	ISO 19389:2014	発行済
	CCSDS 508.1-B-1	Re-entry Data Message	Nov. 2019	-	-
	CCSDS 509.0-B-1	Pointing Request Message	Feb. 2018	-	-
	CCSDS 521.0-B-3	Mission Operations Message Abstraction Layer.	Mar. 2024	ISO 18202:2015	発行済
	CCSDS 521.1-B-1	Mission Operations Common Object Model.	Feb. 2014	ISO 20106:2015	発行済
	CCSDS 522.0-B-1	Mission Operations -Common Services	May. 2020	-	-
	CCSDS 522.1-B-1	Mission Operations Monitor & Control Services.	Oct. 2017	-	-
	CCSDS 524.1-B-1	Mission Operations-MAL Space Packet Transport Binding and Binary Encoding.	Aug. 2015	ISO 21082:2016	発行済
	CCSDS 524.2-B-1	Mission Operations--Message Abstraction Layer Binding to TCP/IP Transport and Split Binary Encoding.	Nov. 2017	-	-
	CCSDS 524.3-B-1	Mission operations -Message Abstraction Layer Binding to HTTP Transport and XML Encoding	Jun. 2018	-	-
	CCSDS 524.4-B-1	Mission Operations -Message Abstraction Layer Binding to ZMTP Transport	Oct. 2019	-	-
	CCSDS 620.0-B-2	Standard Formatted Data Units-Structure and Construction Rules.	May 1992	ISO 12175:1994	発行済

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ミッション運用/ 情報管理 サービスエリア (MOIMS)	CCSDS 622.0-B-1	Standard Formatted Data Units-Referencing Environment.	May 1997	ISO 15888:2000	発行済
	CCSDS 630.0-B-1	Standard Formatted Data Units-Control Authority Procedures.	Jun. 1993	ISO 13764:1996	発行済
	CCSDS 632.0-B-1	Standard Formatted Data Units - Control Authority Data Structures.	Nov. 1994	ISO 15395:1998	発行済
	CCSDS 641.0-B-2	Parameter Value Language Specification (CCSD0006 and CCSD0008).	Jun. 2000	ISO 14961:2002	発行済
	CCSDS 643.0-B-1	ASCII Encoded English (CCSD0002).	Nov. 1992	ISO 14962:1997	発行済
	CCSDS 644.0-B-3	The Data Description Language EAST Specification (CCSD0010).	Jun. 2010	ISO 15889:2011	発行済
	CCSDS 647.1-B-1	Data Entity Dictionary Specification Language (DEDSL) - Abstract Syntax (CCSD0011).	Jun. 2001	ISO 21961:2003	発行済
	CCSDS 647.2-B-1	Data Entity Dictionary Specification Language (DEDSL) - PVL Syntax (CCSD0012).	Jun. 2001	ISO 21962:2003	発行済
	CCSDS 647.3-B-1	Data Entity Dictionary Specification Language (DEDSL) - XML/DTD Syntax (CCSD0013).	Jan. 2002	ISO 22643:2003	発行済
	CCSDS 651.1-B-1	Producer-Archive Interface Specification (PAIS).	Feb. 2014	ISO 20104:2015	発行済
	CCSDS 660.0-B-2	XML Telemetric and Command Exchange --Version 1.2.	Feb. 2020	ISO 18424:2013	発行済
	CCSDS 661.0-B-1	XML Formatted Data Unit (XFDU) Structure and Construction Rules.	Sep. 2008	ISO 13527:2010	発行済
	CCSDS 520.1-M-1	Mission Operations Reference Model.	Jul. 2010	ISO 18201:2013	発行済
	CCSDS 523.1-M-1	Mission Operations Message Abstraction Layer--JAVA API.	Apr. 2013	ISO 20210:2015	発行済
	CCSDS 523.2-M-1	Mission Operations Message Abstraction Layer -C++ API	Dec. 2018	-	-
	CCSDS 650.0-M-2	Reference Model for an Open Archival Information System (OAIS).	Jun. 2012	ISO 14721:2012	発行済
	CCSDS 651.0-M-1	Producer-Archive Interface Methodology Abstract Standard.	May 2004	ISO 20652:2006	発行済
	CCSDS 652.0-M-1	Audit and Certification of Trustworthy Digital Repositories.	Sep. 2011	ISO 16363:2012	発行済
	CCSDS 652.1-M-2	Requirements for Bodies Providing Audit and Certification of Candidate Trustworthy Digital Repositories.	Mar. 2014	ISO 16919:2014	発行済
サービスエリア (CSS)	CCSDS 902.1-B-1	Cross Support Service Management--Simple Schedule	May. 2018	-	-
	CCSDS 902.2-B-1	Cross Support Service Management -Communications Planning Information Format	Mar. 2022	-	-
	CCSDS 911.1-B-5	Space Link Extension--Return All Frames Service Specification	Jul. 2023	ISO 22669:2021	発行済
	CCSDS 911.2-B-4	Space Link Extension--Return Channel Frames Service Specification.	Jul. 2023	ISO 22670:2021	発行済
	CCSDS 911.5-B-4	Space Link Extension--Return Operational Control Fields Service Specification.	Jul. 2023	ISO 26143:2021	発行済
	CCSDS 912.1-B-5	Space Link Extension--Forward CLTU Service Specification.	Jul. 2023	ISO 22671:2021	発行済
	CCSDS 913.1-B-2	Space Link Extension--Internet Protocol for Transfer Services.	Sep. 2015	ISO 18440:2016	発行済
	CCSDS 921.1-B-2	Cross Support Transfer Service--Specification Framework.	Feb. 2021	ISO 23103:2020	発行済
	CCSDS 922.1-B-2	Cross Support Transfer Services--Monitored Data Service.	Sep. 2022	ISO 23104:2020	発行済

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相互支援 サービスエリア (CSS)	CCSDS 922.2-B-2	Cross Support Transfer Service -Tracking Data Service	Feb. 2023	-	-
	CCSDS 922.3-B-1	Cross Support Transfer Service -Forward Frame Service	Apr. 2021	-	-
	CCSDS 927.1-B-1	Terrestrial Generic File Transfer	Nov. 2021	-	-
	CCSDS 901.1-M-1	Space Communications Cross Support -Architecture Requirements Document	May. 2015	ISO 21076:2016	発行済
	CCSDS 901.3-M-1	Functional Resource Model	Feb. 2024	-	-
	CCSDS 902.12-M-1	Cross Support Service Management -Common Data Entities	Feb. 2021	-	-
	CCSDS 902.13-M-1	Abstract Event Definition	Feb. 2021	-	-
	CCSDS 914.0-M-2	Space Link Extension -Application Program Interface for Transfer Services -Core Specification	Sep. 2015	ISO 18441:2021	発行済
	CCSDS 915.1-M-2	Space Link Extension -Application Program Interface for Return All Frames Service	Sep. 2015	ISO 18442:2016	発行済
	CCSDS 915.2-M-2	Space Link Extension -Application Program Interface for Return Channel Frames Service	Sep. 2015	ISO 18443:2016	発行済
	CCSDS 915.5-M-2	Space Link Extension -Application Program Interface for Return Operational Control Fields Service	Sep. 2015	ISO 18444:2016	発行済
	CCSDS 916.1-M-2	Space Link Extension -Application Program Interface for the Forward CLTU Service	Sep. 2015	ISO 18445:2016	発行済
	CCSDS 916.3-M-2	Space Link Extension -Application Program Interface for the Forward Space Packet Service	Sep. 2015	ISO 18446:2016	発行済
宇宙機 インタフェース サービスエリア (SOIS)	CCSDS 921.2-M-1	Guidelines for the Specification of Cross Support Transfer Services	Mar. 2019	-	-
	CCSDS 876.0-B-1	Spacecraft Onboard Interface Services -XML Specification for Electronic Data Sheets	Apr. 2019	-	-
	CCSDS 881.1-B-1	Spacecraft Onboard Interface Services--RFID Tag Encoding Specification.	Oct. 2017	-	-
	CCSDS 883.0-B-2	Spacecraft Onboard Interface Services -High Data Rate Wireless Proximity Network Communications	May. 2024	-	-
	CCSDS 851.0-M-1	Spacecraft Onboard Interface Services--Subnetwork Packet Service.	Dec. 2019	ISO 18425:2013	発行済
	CCSDS 852.0-M-1	Spacecraft Onboard Interface Services--Subnetwork Memory Access Service.	Dec. 2009	ISO 18426:2013	発行済
	CCSDS 853.0-M-1	Spacecraft Onboard Interface Services--Subnetwork Synchronization Service.	Dec. 2009	ISO 18427:2013	発行済
	CCSDS 854.0-M-1	Spacecraft Onboard Interface Services--Subnetwork Device Discovery Service.	Dec. 2009	ISO 18428:2013	発行済
	CCSDS 855.0-M-1	Spacecraft Onboard Interface Services--Subnetwork Test Service.	Dec. 2009	ISO 18438:2013	発行済
	CCSDS 876.1-M-1	Spacecraft Onboard Interface Services Specification for Dictionary of Terms for Electronic Data Sheets	Mar. 2024	-	-
	CCSDS 881.0-M-1	Spacecraft Onboard Interface Services--RFID-Based Inventory Management Systems.	May 2012	ISO 18382:2013	発行済
	CCSDS 882.0-M-1	Spacecraft Onboard Interface Systems--Low Data-Rate Wireless Communications for Spacecraft Monitoring and Control.	May 2013	ISO 20205:2015	発行済

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宇宙リンク サービスエリア (SLS)	CCSDS 121.0-B-3	Lossless Data Compression.	Aug. 2020	ISO 15887:2013	発行済
	CCSDS 122.0-B-2	Image Data Compression.	Sep. 2017	ISO 26868:2009	発行済
	CCSDS 122.1-B-1	Spectral Preprocessing Transform for Multispectral and Hyperspectral Image Compression.	Sep. 2017	-	-
	CCSDS 123.0-B-2	Low-Complexity Lossless and Near-Lossless Multispectral and Hyperspectral Image Compression.	Feb. 2019	ISO 18381:2013	発行済
	CCSDS 124.0-B-1	Robust Compression of Fixed-Length Housekeeping Data	Feb. 2023	-	-
	CCSDS 131.0-B-5	TM Synchronization and Channel Coding.	Sep. 2023	ISO 22641:2012	発行済
	CCSDS 131.2-B-1	Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications.	Mar. 2012	ISO 17854:2013	発行済
	CCSDS 131.3-B-1	CCSDS Space Link Protocols over ETSI DVB-S2 Standard.	Mar. 2013	ISO 20207:2015	発行済
	CCSDS 132.0-B-3	TM Space Data Link Protocol.	Oct. 2023	ISO 22645:2016	発行済
	CCSDS 133.0-B-2	Space Packet Protocol.	Jun. 2020	ISO 22646:2005	発行済
	CCSDS 133.1-B-3	Encapsulation Packet Protocol. (BB issue 2 から名称変更)	Mar. 2020	ISO 10537:2016	発行済
	CCSDS 141.0-B-1	Optical Communications Physical Layer	Aug. 2019	-	-
	CCSDS 142.0-B-1	Optical Communications Coding and Synchronization	Aug. 2019	-	-
	CCSDS 211.0-B-6	Proximity-1 Space Link Protocol-Data Link Layer.	Jun. 2020	ISO 22663:2015	発行済
	CCSDS 211.1-B-4	Proximity-1 Space Link Protocol-Physical Layer.	Dec. 2013	ISO 21460:2015	発行済
	CCSDS 211.2-B-3	Proximity-1 Space Link Protocol – Coding and Synchronization Sublayer.	Jan. 2019	ISO 21459:2015	発行済
	CCSDS 231.0-B-4	TC Synchronization and Channel Coding.	Jul. 2021	ISO 22642:2015	発行済
	CCSDS 232.0-B-4	TC Space Data Link Protocol.	Oct. 2021	ISO 22664:2016	発行済
	CCSDS 232.1-B-2	Communications Operation Procedure-1.	Apr. 2019	ISO 22667:2013	発行済
	CCSDS 355.0-B-2	Space Data Link Security Protocol.	Jul. 2022	ISO 21324:2016	発行済
	CCSDS 355.1-B-1	Space Data Link Security Protocol -Extended Procedures	Feb. 2020	-	-
	CCSDS 401.0-B-32	Radio Frequency and Modulation Systems -Part 1: Earth Stations and Spacecraft	Oct. 2021	-	-
	CCSDS 414.1-B-3	Pseudo-Noise (PN) Ranging Systems.	Jan. 2022	ISO 18423:2015	発行済
	CCSDS 415.1-B-1	Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite.	Sep. 2011	ISO 17810:2014	発行済
	CCSDS 431.1-B-1	Variable Coded Modulation Protocol	Feb. 2021	-	-
	CCSDS 732.0-B-4	AOS Space Data Link Protocol.	Oct. 2021	ISO 22666:2016	発行済
	CCSDS 732.1-B-3	Unified Space Data Link Protocol	Jun. 2024	-	-

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エリア名	ブックナンバー	ブック名	CCSDS 文書 発行月	ISO 番号	文書化状 況
	CCSDS 141.1-M-1	Atmospheric Characterization and Forecasting for Optical Link Operations	Mar. 2014	-	-
宇宙 インターネット ワーキング サービスエリ ア (SIS)	CCSDS 702.1-B-1	IP over CCSDS Space Links.	Sep. 2012	ISO 20206:2015	発行済
	CCSDS 714.0-B-2	Space Communications Protocol Specification (SCPS)—Transport Protocol.	Oct. 2006	ISO 15893:2010	発行済
	CCSDS 727.0-B-5	CCSDS File Delivery Protocol (CFDP).	Jul. 2020	ISO 17355:2007	発行済
	CCSDS 734.1-B-1	Licklider Transmission Protocol (LTP) for CCSDS.	May 2015	ISO 21080:2016	発行済
	CCSDS 734.2-B-1	CCSDS Bundle Protocol Specification.	Sep. 2015	ISO 21323:2016	発行済
	CCSDS 734.3-B-1	Schedule-Aware Bundle Routing	Jul. 2019	-	-
	CCSDS 735.1-B-1	Asynchronous Message Service.	Sep. 2011	ISO 17807:2013	発行済
	CCSDS 766.1-B-3	Digital Motion Imagery.	Apr. 2021	ISO 21077:2021	発行済
	CCSDS 766.2-B-1	Voice and Audio Communications.	Nov. 2017	-	-
	CCSDS 722.1-M-1	Operation of CFDP over Encapsulation Service.	Mar. 2014	ISO 20105:2015	発行済