

TC20/SC13 国際規格の処理状況 (1/4) (2022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-1	CCSDS Cryptographic Algorithms.	Aug.2019	ISO 20215:2015	発行済
	CCSDS 356.0-B-1	Network Layer Security Adaptation Profile	Jun. 2018	ISO/DIS 24129	-
	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 351.0-M-1	Security Architecture for Space Data Systems.	Nov.2012	ISO 20214:2015	発行済
	CCSDS 506.0-M-1	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	ISO/DIS 24126	-
	CCSDS 901.1-M-1	Space Communications Cross Support--Architecture Requirements Document.	May.2015	ISO 21076:2016	発行済
ミッション運用/ 情報管理 サービスエリア  (MOIMS)	CCSDS 502.0-B-2	Orbit Data Messages.	Nov.2009	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-1	Attitude Data Messages.	May.2008	ISO 13541:2010	発行済
	CCSDS 505.0-B-1	XML Specification for Navigation Data Messages.	Dec.2010	ISO 17107:2011	発行済
	CCSDS 508.0-B-1	Conjunction Data Message.	Jun.2013	ISO 19389:2014	発行済
	CCSDS 509.0-B-1	Pointing Request Message	Feb.2018	ISO/DIS 24127	-
	CCSDS 521.0-B-2	Mission Operations Message Abstraction Layer.	Mar.2013	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 522.1-B-1	Mission Operations Monitor & Control Services.	Oct.2017	ISO/DIS 24123	-
	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	ISO/DIS 24125	-
	CCSDS 524.3-B-1	Mission operations -Message Abstraction Layer Binding to HTTP Transport and XML Encoding	Jun. 2018	ISO/DIS 24130	-
	CCSDS 620.0-B-2	Standard Formatted Data Units-Structure and Construction Rules.	May.1992	ISO 12175:1994	発行済
	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	

TC20/SC13 国際規格の処理状況 (2/4) (2022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
ミッション運用/ 情報管理 サービスエリア  (MOIMS)	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-1	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 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
相互支援サービ スエリア (CSS)	CCSDS 902.1-B-1	Cross Support Service Management--Simple Schedule	May. 2018	ISO/DIS 24128	-
	CCSDS 910.4-B-2	Cross Support Reference Model-Part1 : Space Link Extension Services.	Oct.2005	ISO 15396:2007	発行済
	CCSDS 911.1-B-4	Space Link Extension--Return All Frames Service Specification.	Aug.2016	ISO 22669:2013	発行済
	CCSDS 911.2-B-3	Space Link Extension--Return Channel Frames Service Specification.	Aug.2016	ISO 22670:2013	発行済
	CCSDS 911.5-B-3	Space Link Extension--Return Operational Control Fields Service Specification.	Aug.2016	ISO 26143:2013	発行済
	CCSDS 912.1-B-4	Space Link Extension--Forward CLTU Service Specification.	Aug.2016	ISO 22671:2011	発行済
	CCSDS 912.3-B-3	Space Link Extension--Forward Space Packet Service Specification.	Aug.2016	ISO 22672:2011	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-1	Cross Support Transfer Service--Specification Framework.	Apr.2017	ISO 23103:2020	発行済
	CCSDS 922.1-B-1	Cross Support Transfer Services--Monitored Data Service.	Apr.2017	ISO 23104:2020	発行済
	CCSDS 914.0-M-2	Space Link Extension--Application Program Interface for Transfer Services--Core Specification.	Sep.2015	ISO 18441:2016	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	

TC20/SC13 国際規格の処理状況 (3/4) (2022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
宇宙機 インタフェース サービスエリア  (SOIS)	CCSDS 881.1-B-1	Spacecraft Onboard Interface Services--RFID Tag Encoding Specification.	Oct.2017	ISO/DIS 24122	-
	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 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
宇宙リンク サービスエリア  (SLS)	CCSDS 121.0-B-2	Lossless Data Compression.	Aug.2020	ISO 15887:2013	発行済
	CCSDS 122.0-B-1	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	ISO/DIS 24121	-
	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 131.0-B-2	TM Synchronization and Channel Coding.	Sep.2017	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-1	TM Space Data Link Protocol.	Sep.2015	ISO 22645:2016	発行済
	CCSDS 133.0-B-1	Space Packet Protocol.	Jun.2020	ISO 22646:2005	発行済
	CCSDS 133.1-B-2	Encapsulation Packet Protocol. (BB issue2 から名称変更)	Mar.2020	ISO 10537:2016	発行済
	CCSDS 211.0-B-5	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-2	Proximity-1 Space Link Protocol - Coding and Synchronization Sublayer.	Jan.2019	ISO 21459:2015	発行済
	CCSDS 231.0-B-2	TC Synchronization and Channel Coding.	Jul.2021	ISO 22642:2015	発行済
	CCSDS 232.0-B-3	TC Space Data Link Protocol.	Sep.2015	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-1	Space Data Link Security Protocol.	Sep.2015	ISO 21324:2016	発行済
	CCSDS 401.0-B-31	Radio Frequency and Modulation Systems--Part 1 : Earth Stations and Spacecraft.	Feb.2021	-	-
CCSDS 414.1-B-2	Pseudo-Noise (PN) Ranging Systems.	Feb.2014	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 732.0-B-2	AOS Space Data Link Protocol.	Sep.2015	ISO 22666:2016	発行済	

TC20/SC13 国際規格の処理状況 (4/4) (2022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
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-4	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 735.1-B-1	Asynchronous Message Service.	Sep.2011	ISO 17807:2013	発行済
	CCSDS 766.1-B-2	Digital Motion Imagery.	Aug.2016	ISO 21077:2016	発行済
	CCSDS 766.2-B-1	Voice and Audio Communications.	Nov.2017	ISO/DIS 24124	-
	CCSDS 722.1-M-1	Operation of CFDP over Encapsulation Service.	Mar.2014	ISO 20105:2015	発行済