

Program of Work

ISO TC20/SC13 Subcommittee - Space data and information transfer systems

ISSUE: September, 2015 (Version: 15 October 2015)

NOTICE 1: This document, which is strictly updated on a monthly basis, is intended to represent the complete, overall Program of Work of ISO TC20/SC13 Subcommittee, which also memorizes **NOTICE 2:** The current the preceding issues of the Program of Work can be obtained in the Web by clicking over any of the two following 2.1 and 2.2 pointers:

2.1 - At the ISO TC20/SC13 Program of Work Folder which can be found at the ISO Livelink Website of ISO TC20/SC13 Subcommittee.

2.2 - At the ISO TC20/SC13 Program of Work Folder which can be found at ISO TC20/SC13 segment of the CCSDS Website.

NOTICE 3: Updating modifications performed over the previous version of the Program of Work are colored in the background.

NOTICE 4: This publication is being maintained on a monthly basis with support of the local secretariat of the Subcommittee Chairman.

NOTICE 5: IMPORTANT - This publication is expected to include ALL information contained in the current "CCSDS - ISO TC20/SC13 Standards Work Program", maintained by the ISO TC20/SC13 Secretariat.

NOTICE 6: If sent via e-mail, for wider dissemination, the Program of Work may be sent to all those members, including liaisons and associates, which are listed in the internal roster of the Subcommittee.

LEGEND:

Alert: Marked with **D-Project Cancelled or Deleted** and **W-Warning**, based on TMB Resolution (3 tracks)
Stage Date: Initial date of current stage
Limit Date: Limit date for next stage
VA: Legal Organization for project under Vienna Agreement
Time Frame: Related to stage
PA: Patent Associated, marked with **P**
ISO SR Date: Date of Entry for ISO Systematic Review (Entries provided by the subcommittee Secretariat)

Monthly UPDATE of NEW ITEM(S) performed by Secretariat.
 Monthly UPDATE of NEW ITEM(S) performed by ISO Project Portal and observed by the Secretariat
 To be sent to ISO CS for PROCESSING according ISO Project Portal and Secretariat
 Considered to be UNDER ACTIVE PROCESSING according ISO Project Portal and Secretariat
 Current published documents according ISO Project Portal and Secretariat
 Items presented by ISO Project Portal only
 Projects that have been updated

Alert	ISO Reference (withdrawal date)	ISO Document title	Reg. date	Current stage	Stage date	PA	Limit date	VA	Time frame	(Sub-) Committee	ID	Next Date	Project Leader	CCSDS Reference (obsolescence date)	ISO SR Date	Notes
	ISO 10537:2010	Space data and information transfer systems -- Encapsulation service	2006-11-04	90.20	2015-07-15				48	ISO/TC 20/SC 13	45990	2015-12-16		CCSDS 133.1-B-2:2009	Under Review	Corr. 1 (Sep 2012) & 2 (Apr 2014) published in ISO as Amd1 (Jul 2015)
	ISO 10537:2010/Amd 1:2015	Space data and information transfer systems -- Encapsulation service -- Amendment 1	2015-03-17	60.60	2015-06-16				24	ISO/TC 20/SC 13	68743		Afarin, James Mr	CCSDS 133.1-B-2		
	ISO 11104:2011	Space data and information transfer systems -- Time code formats	2011-02-17	60.60	2011-12-05				36	ISO/TC 20/SC 13	59415	2016-10-15		CCSDS 301.0-B-4:2010	2016-12-05	
	ISO 12175:1994	Space data and information transfer systems -- Standard formatted data units -- Structure and construction rules	1992-05-15	90.93	2015-03-21					ISO/TC 20/SC 13	21118			CCSDS 620.0-B-2:1992	2020-03-21	Cor. 1 (Nov. 1996) published in ISO as Amd1 (Jul 2015); Reaffirmed 2015-03-21
	ISO 12175:1994/Amd 1:2015	Space data and information transfer systems -- Standard formatted data units -- Structure and construction rules -- Amendment 1	2015-03-17	60.60	2015-06-16				24	ISO/TC 20/SC 13	68746		Afarin, James Mr	CCSDS 620.0-B-2		
	ISO 13526:2010	Space data and information transfer systems -- Tracking data message	2009-02-26	90.93	2015-03-21				36	ISO/TC 20/SC 13	53984			CCSDS 503.0-B-1:2007	2020-03-21	Corr 1 (Sep 2010) published in ISO as Amd1 (Jul 2015); Reaffirmed 2015-03-21
	ISO 13526:2010/Amd 1:2015	Space data and information transfer systems -- Tracking data message -- Amendment 1	2015-03-17	60.60	2015-06-16				24	ISO/TC 20/SC 13	68745		Afarin, James Mr	CCSDS 503.0-B-1		
	ISO 13527:2010	Space data and information transfer systems -- XML formatted data unit (XFDU) structure and construction rules	2009-03-05	90.20	2015-07-15				36	ISO/TC 20/SC 13	53985	2015-12-16		CCSDS 661.0-B-1:2008	Under Review	
	ISO 13537:2010	Space data and information transfer systems -- Reference architecture for space data systems	2009-03-05	90.20	2015-07-15				36	ISO/TC 20/SC 13	53986	2015-12-16		CCSDS 311.0-M-1:2008	Under Review	
	ISO 13541:2010	Space data and information transfer systems -- Attitude data messages	2009-03-05	90.20	2015-07-15				36	ISO/TC 20/SC 13	53987	2015-12-16		CCSDS 504.0-B-1:2008	Under Review	Process Cor. 1 = Jul'15
	ISO 13764:1996	Space data and information transfer systems -- Standard formatted data units -- Control authority procedures	1993-05-01	90.93	2014-07-14					ISO/TC 20/SC 13	22845			CCSDS 630.0-B-1:1993	2019-07-14	Reaffirmed 2014-07-14
	ISO 14721:2012	Space data and information transfer systems -- Reference Model for an Open Archival Information System (OAIS)	2010-08-19	60.60	2012-08-21				36	ISO/TC 20/SC 13	57284	2017-07-15		CCSDS 650.0-M-2:2012	2017-09-01	Published 2012-09-01
	ISO 14961:1997	Space data and information transfer systems -- Parameter value language specification	1995-05-01	95.99	2002-10-10					ISO/TC 20/SC 13	26095			CCSDS 641.0-B-1:1992		
	ISO 14961:2002	Space data and information transfer systems -- Parameter value language specification	2000-06-28	90.93	2013-08-23					ISO/TC 20/SC 13	34701			CCSDS 641.0-B-2:2000	2018-08-22	Reaffirmed 2013-08-22
	ISO 14962:1997	Space data and information transfer systems -- ASCII encoded English	1995-05-01	90.93	2014-07-14					ISO/TC 20/SC 13	26096			CCSDS 643.0-B-1:1992	2019-07-14	Reaffirmed: 2014-07-14
	ISO 15395:1998	Space data and information transfer systems -- Standard formatted data units -- Control authority data structures	1996-05-23	90.93	2013-08-23					ISO/TC 20/SC 13	27534			CCSDS 632.0-B-1:1994	2018-08-22	Reaffirmed 2013-08-22
	ISO 15396:2007	Space data and information transfer systems -- Cross support reference model - Part 1: Space Link Extension Service	2005-10-27	90.20	2015-07-15				36	ISO/TC 20/SC 13	43828	2015-12-16		CCSDS 910.4-B-2:2005	Under Review	
	ISO 15887:2013	Space data and information transfer systems -- Lossless data compression	2012-06-08	60.60	2013-05-29				36	ISO/TC 20/SC 13	62314			CCSDS 121.0-B-2:2012	2018-06-01	
	ISO 15888:2000	Space data and information transfer systems -- Standard formatted data units -- Referencing environment	1997-05-15	90.93	2011-09-20					ISO/TC 20/SC 13	29441	2016-07-15		CCSDS 622.0-B-1:1997	2016-09-20	Reaffirmed 2011-09-20
	ISO 15889:2011	Space data and information transfer systems -- The data description language -- EAST specification	2010-08-30	60.60	2011-10-14				36	ISO/TC 20/SC 13	57320	2016-10-15		CCSDS 644.0-B-3:2010	2016-10-14	
	ISO 15891:2000	Space data and information transfer systems -- Protocol specification for space communications -- Network protocol	1997-05-15	95.99	2011-05-10					ISO/TC 20/SC 13	29444			CCSDS 713.0-B-1-S:1999	N/A	Withdrawn: 2011-05-10
	ISO 15892:2000	Space data and information transfer systems -- Space Communications Protocol Specification (SCPS) -- Security Protocol (SCPS-SP)	1997-05-15	95.99	2011-05-10					ISO/TC 20/SC 13	29445			CCSDS 713.5-B-1-S:1999	N/A	Withdrawn: 2011-05-10
	ISO 15893:2010	Space data and information transfer systems -- Space communications protocol specification (SCPS) -- Transport protocol (SCPS-TP)	2007-03-06	90.20	2015-07-15				48	ISO/TC 20/SC 13	45986	2015-12-16		CCSDS 714.0-B-2:2006	Under Review	
	ISO 15894:2000	Space data and information transfer systems -- Space Communications Protocol Specification (SCPS) - File Protocol (SCPS-FP)	1997-05-15	95.99	2011-05-10					ISO/TC 20/SC 13	29447			CCSDS 717.0-B-1-S:1999	N/A	Withdrawn: 2011-05-10
	ISO 16363:2012	Space data and information transfer systems - Audit and certification of trustworthy digital repositories	2010-04-08	60.60	2012-02-14				36	ISO/TC 20/SC 13	56510	2017-01-15	Garret, John Mr	CCSDS 652.0-M-1:2011	2015-02-14	
	ISO 16919:2014	Space data and information transfer systems - Requirements for bodies providing audit and certification of candidate trustworthy digital repositories	2010-12-07	60.60	2014-10-29				48	ISO/TC 20/SC 13	57950			CCSDS 652.1-M-2:2014	2019-10-29	
	ISO 17107:2011	Space data and information transfer systems -- XML specification for navigation data messages	2011-01-20	60.60	2011-11-08				36	ISO/TC 20/SC 13	59155	2016-10-15		CCSDS 505.0-B-1:2010	2014-11-08	
	ISO 17214:2011	Space data and information transfer systems -- Spacecraft onboard interface services -- Time access service	2011-02-17	60.60	2011-12-15				36	ISO/TC 20/SC 13	59416	2016-10-15		CCSDS 872.0-M-1:2011	2014-12-15	
	ISO 17355:2007	Space data and information transfer systems -- CCSDS file delivery protocol (CFDP)	2005-10-27	90.60	2015-09-17				36	ISO/TC 20/SC 13	43829	2016-03-17		CCSDS 727.0-B-4-S:2007	Under Revision	Reaffirmed 2010; Revise with 2007 Edition
	ISO 17807:2013	Space data and information transfer systems -- Asynchronous message service	2011-10-11	60.60	2013-05-29				36	ISO/TC 20/SC 13	60592			CCSDS 735.1-B-1:2011	2016-06-01	
	ISO 17808:2014	Space data and information transfer systems -- TM channel coding profiles	2011-10-11	60.60	2014-06-23				36	ISO/TC 20/SC 13	60593			CCSDS 131.4-M-1:2011	2019-07-01	
	ISO 17809:2014	Space data and information transfer systems - Delta-Differential One Way Ranging (Delta-DOR) Operations	2011-10-11	60.60	2014-06-23				36	ISO/TC 20/SC 13	60594			CCSDS 506.0-M-1:2011	2019-07-01	
	ISO 17810:2014	Space data and information transfer systems - Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	2011-10-11	60.60	2014-06-23				36	ISO/TC 20/SC 13	60595			CCSDS 415.1-B-1:2011	2019-07-01	
	ISO 17854:2013	Space data and information transfer systems - Flexible Advance Coding and Modulation Scheme for High Rate Telemetry Applications	2012-05-16	60.60	2013-05-29			P	36	ISO/TC 20/SC 13	60827			CCSDS 131.2-B-1:2012	2016-06-01	
	ISO 18201:2013	Space data and information transfer systems -- Missions operations reference model	2012-03-07	60.60	2013-05-30				36	ISO/TC 20/SC 13	61741			CCSDS 520.1-M-1:2010	2016-06-01	
	ISO 18202:2013	Space data and information transfer systems -- Mission operations message abstraction layer	2012-03-07	90.92	2015-02-11				36	ISO/TC 20/SC 13	61742			CCSDS 521.0-B-2:2013	Under Revision	ISO 18202:2013 is the CCSDS 521.0-B-1; Sep 2010 version.
	ISO/PRF 18202	Space data and information transfer systems -- Mission operations message abstraction layer	2015-02-13	60.20	2015-09-29		2018-02-13		36	ISO/TC 20/SC 13	68558	2015-10-14		CCSDS 521.0-B-2:2013		
	ISO 18381:2013	Space data and information transfer systems -- Lossless multispectral & hyperspectral image compression	2012-06-08	60.60	2013-05-29				36	ISO/TC 20/SC 13	62319			CCSDS 123.0-B-1:2012	2016-06-01	
	ISO 18382:2013	Space data and information transfer systems -- Spacecraft onboard interface services -- RFID-based inventory management systems	2012-06-08	60.60	2013-05-29				36	ISO/TC 20/SC 13	62320			CCSDS 881.0-M-1:2012	2016-06-01	
	ISO 18423:2015	Space data and information transfer systems -- Pseudo-Noise (PN) Ranging Systems	2014-07-21	60.60	2015-08-11				36	ISO/TC 20/SC 13	62447			CCSDS 414.1-B-2:2014	2020-08-15	
	ISO 18424:2013	Space data and information transfer systems -- XML Telemetry and Command Exchange (XTCE)	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62448			CCSDS 660.0-B-1:2007	2016-06-01	
	ISO 18425:2013	Space data and information transfer systems -- Spacecraft Onboard Interface Services -- Subnetwork Packet Service	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62449			CCSDS 851.0-M-1:2009	2016-06-01	
	ISO 18426:2013	Space data and information transfer systems -- Spacecraft Onboard Interface Services -- Subnetwork Memory Access Service	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62450			CCSDS 852.0-M-1:2009	2016-06-01	
	ISO 18427:2013	Space data and information transfer systems -- Spacecraft Onboard Interface Services -- Subnetwork Synchronization Service	2012-07-03	60.60	2013-05-30				36	ISO/TC 20/SC 13	62451			CCSDS 853.0-M-1:2009	2016-06-01	
	ISO 18428:2013	Space data and information transfer systems -- Spacecraft Onboard Interface Services -- Subnetwork Device Discovery Service	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62452			CCSDS 854.0-M-1:2009	2016-06-01	
	ISO 18438:2013	Space data and information transfer systems -- Spacecraft Onboard Interface Services -- Subnetwork Test Service	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62453			CCSDS 855.0-M-1:2009	2016-06-01	
	ISO 18439:2013	Space data and information transfer systems -- Space Communication Cross Support -- Service Management -- Service Specification	2012-07-03	60.60	2013-05-29				36	ISO/TC 20/SC 13	62454			CCSDS 910.11-B-1:2009	2016-06-01	

	ISO 18440:2013	Space data and information transfer systems -- Space Link Extension -- Internet Protocol for Transfer Services	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62455			CCSDS 913.1-B-1:2008	Under Development	
	ISO 18441:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for Transfer Services -- Core Specification	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62456			CCSDS 914.0-M-1:2008	2016-06-01	
	ISO 18442:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for Return All Frames Service	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62457			CCSDS 915.1-M-1:2008	2016-06-01	
	ISO 18443:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for Return Channel Frames Service	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62458			CCSDS 915.2-M-1:2008	2016-06-01	
	ISO 18444:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for Return Operational Control Fields Service	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62459			CCSDS 915.5-M-1:2008	2016-06-01	
	ISO 18445:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for the Forward CLTU Service	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62460			CCSDS 916.1-M-1:2008	2016-06-01	
	ISO 18446:2013	Space data and information transfer systems -- Space Link Extension -- Application Program Interface for the Forward Space Packet Service	2012-07-03	60.60	2013-05-29		36	ISO/TC 20/SC 13	62461			CCSDS 916.3-M-1:2008	2016-06-01	
	ISO 19389:2014	Space data and information transfer systems -- Conjunction data message	2013-08-07	60.60	2014-06-23		24	ISO/TC 20/SC 13	64784			CCSDS 508.0-B-1:2013	2019-07-01	
	ISO 20104:2015	Space data and information transfer systems -- Producer-Archive Interface Specification (PAIS)	2014-06-30	60.60	2015-08-11		24	ISO/TC 20/SC 13	67056			CCSDS 651.1-B-1:2014	2020-08-15	
	ISO 20105:2015	Space data and information transfer systems -- Operation of CFDP over encapsulation service	2014-06-30	60.60	2015-08-11		24	ISO/TC 20/SC 13	67057			CCSDS 722.1-M-1:2014	2020-08-15	
	ISO 20106:2015	Space data and information transfer systems -- Mission operations common object model	2014-06-30	60.60	2015-08-11		24	ISO/TC 20/SC 13	67058			CCSDS 521.1-B-1:2014	2020-08-15	
	ISO 20107:2015	Space data and information transfer systems -- Spacecraft onboard interface services -- Device virtualization service	2014-06-30	60.60	2015-08-11		24	ISO/TC 20/SC 13	67059			CCSDS 871.2-M-1:2014	2020-08-15	
	ISO 20205:2015	Spacecraft Onboard Interface Systems - Low Data Rate Wireless Communications for Spacecraft Monitoring and Control	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67300			CCSDS 882.0-M-1:2013	2020-08-15	
	ISO 20206:2015	IP over CCSDS space links	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67301			CCSDS 702.1-B-1:2012	2020-08-15	
	ISO 20207:2015	CCSDS Space Link Protocols over ETSI DVB-S2 Standard	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67302			CCSDS 131.3-B-1:2013	2020-08-15	
	ISO 20208:2015	Delta - DOR Raw Data Exchange Format	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67303			CCSDS 506.1-B-1:2013	2020-08-15	
	ISO 20210:2015	Mission Operations Message Abstraction Layer - JAVA API	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67304			CCSDS 523.1-M-1:2013	2020-08-15	
	ISO 20211:2015	Spacecraft Onboard Interface Services - Device Access Service	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67305			CCSDS 871.0-M-1:2013	2020-08-15	
	ISO 20213:2015	Space data and information transfer systems -- Spacecraft onboard interface services -- Message transfer service	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67306			CCSDS 875.0-M-1:2012	2020-08-15	
	ISO 20214:2015	Security Architecture for Space Data Systems	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67307			CCSDS 351.0-M-1:2012	2020-08-15	
	ISO 20215:2015	CCSDS Cryptographic Algorithms	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67308			CCSDS 352.0-B-1:2012	2020-08-15	
	ISO 20216:2015	Spacecraft Onboard Interface Services - Device Data Pooling Service	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67309			CCSDS 871.1-M-1:2012	2020-08-15	
	ISO 20217:2015	Spacecraft Onboard Interface Services - File and Packet Store Services	2014-07-21	60.60	2015-08-11		24	ISO/TC 20/SC 13	67311			CCSDS 873.0-M-1:2012	2020-08-15	
	ISO/PRF 20618	Space data and information transfer systems -- Spacecraft onboard interface services -- Device enumeration service	2015-02-19	50.20	2015-09-29	2017-02-19	24	ISO/TC 20/SC 13	68576	2015-10-14		CCSDS 871.3-M-1:2014	Under Development	
	ISO 20652:2006	Space data and information transfer systems -- Producer-archive interface -- Methodology abstract standard	2003-04-10	90.93	2014-07-14			ISO/TC 20/SC 13	39577			651.0-M-1:2004	2019-07-14	Reaffirmed 2014-07-14
	ISO/NP 21076	Space data and information transfer systems -- Space communications cross support -- Architecture requirements document (based on CCSDS 901.1-M-1)	2015-09-23	10.99	2015-09-23	2016-09-23	24	ISO/TC 20/SC 13	69836	2016-09-23		CCSDS 901.1-M-1:2015	Under Development	
	ISO/NP 21077	Space data and information transfer systems -- Digital motion imagery (based on CCSDS 766.1-B-1)	2015-09-23	10.99	2015-09-23	2016-09-23	24	ISO/TC 20/SC 13	69837	2016-09-23		CCSDS 766.1-B-1:2015	Under Development	
	ISO/NP 21080	Space data and information transfer systems -- Licklider transmission protocol (LTP) for CCSDS (based on CCSDS 734.1-B-1)	2015-09-23	10.99	2015-09-23	2016-09-23	24	ISO/TC 20/SC 13	69839	2016-09-23		CCSDS 734.1-B-1:2015	Under Development	
	ISO/NP 21082	Mission operations -- Message abstraction layer (MAL) space packet transport binding and binary encoding	2015-09-23	10.99	2015-09-23	2016-09-23	24	ISO/TC 20/SC 13	69842	2016-09-23		CCSDS 524.1-B-1:2015	Under Development	DIS text submitted to ISO/CS: 10/3/2015
	ISO 21459:2015	Space data and information transfer systems -- Proximity-1 space link protocol -- Coding and synchronization sublayer	2014-07-21	60.60	2015-08-11		36	ISO/TC 20/SC 13	67093			CCSDS 211.2-B-2:2013	2020-08-15	Reaffirmed 2014-07-14
	ISO 21460:2015	Space data and information transfer systems -- Proximity-1 space link protocol -- Physical layer	2014-07-21	60.60	2015-08-11		36	ISO/TC 20/SC 13				CCSDS 211.1-B-4:2013	2020-08-15	Reaffirmed 2011-09-20
	ISO 21961:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- Abstract syntax	2001-06-29	90.93	2013-08-23			ISO/TC 20/SC 13	36036			CCSDS 647.1-B-1:2001	2018-08-22	Reaffirmed 2013-08-22
	ISO 21962:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- PVL syntax	2001-06-29	90.93	2013-08-23			ISO/TC 20/SC 13	36037			CCSDS 647.2-B-1:2001	2018-08-22	Reaffirmed 2013-08-22
	ISO 22641:2012	Space data and information transfer systems -- TM synchronization and channel coding	2011-10-11	60.60	2012-07-13		36	ISO/TC 20/SC 13	60590	2017-07-15		CCSDS 131.0-B-2:2011	2017-07-15	Pattern Policy & Disagreement Form (Call Back) submitted to ISO on 7/8/2011; Published 7/15/2012
	ISO 22642:2005	Space data and information transfer systems -- TC synchronization and channel coding	2001-10-12	90.92	2012-06-28			ISO/TC 20/SC 13	36376			CCSDS 231.0-B-2-S:2010	Under Revision	CCSDS Cor. 1 = Sep '03; ISO Cor. 1 = '07
	ISO 22642:2005/Cor 1:2007	Space data and information transfer systems -- TC (telecommand) synchronization and channel coding -- Technical Corrigendum 1	2007-08-21	60.60	2007-10-03			ISO/TC 20/SC 13	50342					
	ISO 22642	Space data and information transfer systems -- TC (telecommand) synchronization and channel coding	2012-06-28	60.00	2015-09-16	2016-06-28	48	ISO/TC 20/SC 13	62446					
	ISO 22643:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- XML/DTD Syntax	2001-07-20	90.93	2014-07-14			ISO/TC 20/SC 13	36377			CCSDS 647.3-B-1:2002	2019-07-14	Reaffirmed 2014-07-14
	ISO 22644:2006	Space data and information transfer systems -- Orbit data messages	2005-05-19	95.99	2012-07-13		36	ISO/TC 20/SC 13	42722			CCSDS 502.0-B-2-S:2009	N/A	ISO designation changed to ISO 26900 under SC 14 work process
	ISO 22645:2005	Space data and information transfer systems -- TM space data link protocol	2001-10-12	90.93	2013-08-23			ISO/TC 20/SC 13	36380			CCSDS 132.0-B-2:2015	Under Revision	Corr.1 (Sep 2012) published in ISO as Amd1 (Jul 2015); Reaffirmed 2013-08-22
	ISO 22645:2005/Amd 1:2015	Space data and information transfer systems -- TM (telemetry) space data link protocol -- Amendment 1	2015-03-17	60.60	2015-07-09		24	ISO/TC 20/SC 13	68741		Afarin, James Mr	CCSDS 132.0-B-1		
	ISO 22646:2005	Space data and information transfer systems -- Space packet protocol	2001-10-12	90.93	2015-03-17			ISO/TC 20/SC 13	36381			CCSDS 133.0-B-1:2003	2020-03-17	Corr.1 (Sep 2010) & Corr.2 (Sep 2012) published in ISO as Amd1 (Jul 2015); Reaffirmed 2015-03-17
	ISO 22646:2005/Amd 1:2015	Space data and information transfer systems -- Space packet protocol -- Amendment 1	2015-03-17	60.60	2015-07-09		24	ISO/TC 20/SC 13	68742		Afarin, James Mr	CCSDS 133.0-B-1		
	ISO 22647:2010	Space data and information transfer systems -- Space link identifiers	2007-03-14	90.20	2015-07-15		48	ISO/TC 20/SC 13	45987	2015-12-16		CCSDS 135.0-B-4-S:2009	Under Review	
	ISO 22663:2015	Space data and information transfer systems -- Proximity-1 space link protocol -- Data link layer	2014-07-21	60.60	2015-08-11		36	ISO/TC 20/SC 13				CCSDS 211.0-B-5:2013	2020-08-15	Reaffirmed 2011-09-20
	ISO 22664:2013	Space data and information transfer systems -- TC space data link protocol	2012-03-07	60.60	2013-05-29		36	ISO/TC 20/SC 13	61746			CCSDS 232.0-B-3:2015	Under Revision	Corr 1 (Sep 2012) published in ISO as Amd1 (Jul 2015)
	ISO 22664:2013/Amd 1:2015	Space data and information transfer systems -- TC (telecommand) space data link protocol -- Amendment 1	2015-03-17	60.60	2015-07-09		24	ISO/TC 20/SC 13	68744		Afarin, James Mr	CCSDS 232.0-B-2		
	ISO 22666:2007	Space data and information transfer systems -- AOS data link protocol	2006-06-23	90.93	2014-07-14		36	ISO/TC 20/SC 13	44866			CCSDS 732.0-B-3:2015	Under Revision	Reaffirmed 2014-07-14; Corr 1 (Sep 2012) published in ISO as Amd1 (Jul 2015)
	ISO 22666:2007/Amd 1:2015	Space data and information transfer systems -- AOS (advanced orbiting systems) space data link protocol -- Amendment 1	2015-03-17	60.60	2015-06-16		24	ISO/TC 20/SC 13	68747		Afarin, James Mr	CCSDS 732.0-B-2		
	ISO 22667:2013	Space data and information transfer systems -- Communication operations Procedure-1	2012-03-07	60.60	2013-05-29		36	ISO/TC 20/SC 13	61747			CCSDS 232.1-B-2:2010	2018-06-01	
	ISO 22669:2013	Space data and information transfer systems -- Space link extension -- Return-all frames service Specification	2012-03-07	60.60	2013-05-29		36	ISO/TC 20/SC 13	61743			CCSDS 911.1-B-3:2010	2018-06-01	
	ISO 22670:2013	Space data and information transfer systems -- Space link extension -- Return-channel frames service specification	2012-03-07	60.60	2013-05-29		36	ISO/TC 20/SC 13	61744			CCSDS 911.2-B-2:2010	2018-06-01	
	ISO 22671:2011	Space data and information transfer systems -- Space link extension -- Forward CLTU Service Specification	2010-12-22	60.60	2011-11-08		36	ISO/TC 20/SC 13	58052	2016-10-15		CCSDS 912.1-B-3:2010	2016-11-08	
	ISO 22672:2011	Space data and information transfer systems -- Space link extension (SLE) -- Forward space packet service specification	2010-12-22	60.60	2011-11-08		36	ISO/TC 20/SC 13	58052	2016-10-15		CCSDS 912.3-B-2:2010	2016-11-08	
	ISO 26143:2013	Space data and information transfer systems -- Space link extension -- Return operational control fields service specification	2012-03-07	60.60	2013-05-29		36	ISO/TC 20/SC 13	61745			CCSDS 911.5-B-2:2010	2018-06-01	
	ISO 26868:2009	Space data and information transfer systems -- Image data compression	2005-12-02	90.93	2014-07-14		36	ISO/TC 20/SC 13	43849			CCSDS 122.0-B-1:2005	2019-07-14	Publisher correction of ISO 26868:2009 (June 2012), incorporates all 3 CCSDS Corrigenda. Reaffirmed 2014-07-14
	XXXXX:20XX	Space Data Link Security Protocol						ISO/TC 20/SC 13				CCSDS 355.0-B-1:2015	Under Development	
	NP XXXXX	CCSDS Bundle Protocol Specification						ISO/TC 20/SC 13				CCSDS 734.2-B-1:2015	Under Development	

International harmonized stage codes

STAGE	SUBSTAGE						
	00 Registration	20 Start of main action	60 Completion of main action	90 Decision Substages			
				92 Repeat an earlier phase	93 Repeat current phase	98 Abandon	99 Proceed
00 Preliminary stage	00.00 Proposal for new project received	00.20 Proposal for new project under review	00.60 Close of review			00.98 Proposal for new project abandoned	00.99 Approval to ballot proposal for new project
10 Proposal stage	10.00 Proposal for new project registered	10.20 New project ballot initiated	10.60 Close of voting	10.92 Proposal returned to submitter for further definition		10.98 New project rejected	10.99 New project approved
20 Preparatory stage	20.00 New project registered in TC/SC work programme	20.20 Working draft (WD) study initiated	20.60 Close of comment period			20.98 Project deleted	20.99 WD approved for registration as CD
30 Committee stage	30.00 Committee draft (CD) registered	30.20 CD study/ballot initiated	30.60 Close of voting/ comment period	30.92 CD referred back to Working Group		30.98 Project deleted	30.99 CD approved for registration as DIS
40 Enquiry stage	40.00 DIS registered	40.20 DIS ballot initiated: 5 months	40.60 Close of voting	40.92 Full report circulated: DIS referred back to TC or SC	40.93 Full report circulated: decision for new DIS ballot	40.98 Project deleted	40.99 Full report circulated: DIS approved for registration as FDIS
50 Approval stage	50.00 FDIS registered for formal approval	50.20 FDIS ballot initiated: 2 months. Proof sent to secretariat	50.60 Close of voting. Proof returned by secretariat	50.92 FDIS referred back to TC or SC		50.98 Project deleted	50.99 FDIS approved for publication
60 Publication stage	60.00 International Standard under publication		60.60 International Standard published				
90 Review stage		90.20 International Standard under periodical review	90.60 Close of review	90.92 International Standard to be revised	90.93 International Standard confirmed		90.99 Withdrawal of International Standard proposed by TC or SC
95 Withdrawal stage		95.20 Withdrawal ballot initiated	95.60 Close of voting	95.92 Decision not to withdraw International Standard			95.99 Withdrawal of International Standard