

**ISO TC20/SC13 Subcommittee - Version: August, 2011 (\*)**

(\*) Maintained on a monthly basis by the chairman secretariat

**NOTICE 1:** This document is intended to represent, as possible, in a complete and monthly updated form, the Program of Work of ISO TC20/SC13 Subcommittee, based on information drawn from the two following sources: 1) ISO Project Portal; 2) Status of CCSDS Publications which have relation with the ISO TC20/SC13 domain.

**NOTICE 2:** This version of the Program of Work can also be found in the following two different (clickable) Web pages:


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:** Modifications in respect to the previous version of the Program of work are colored in the background.

Alert	ISO Reference (withdrawal date)	ISO Document title	Reg. date	Current stage	Stage date	PA	Limit date	VA	Time frame	(Sub-) Committee	ID	CCSDS Reference (obsolescence date)
	ISO 10537:2010	Space data and information transfer systems -- Encapsulation service	2006-11-04	60.60	2010-09-10				48	ISO/TC 20/SC 13	45990	CCSDS 133.1-B-1
	ISO 11103:1991	Space data and information transfer systems -- Radio metric and orbit data	1990-09-01	95.99	2007-03-05					ISO/TC 20/SC 13	19092	CCSDS 501.0-B-1:1987
	ISO 11104:1991	Space data and information transfer systems -- Time code formats	1990-09-01	95.99	2003-12-10					ISO/TC 20/SC 13	19093	CCSDS 301.0-B-2:1990
	ISO 11104:2003	Space data and information transfer systems -- Time code formats	2002-10-15	90.92	17/02/2011					ISO/TC 20/SC 13	38141	CCSDS 301.0-B-3:2002
	ISO/DIS 11104	Space data and information transfer systems -- Time code formats	17/02/2011	40.99	31/08/2011		17/08/2013		36	ISO/TC 20/SC 13	59415	CCSDS 301.0-B-4
	ISO 11754:1994	Space data and information transfer systems -- Telemetry channel coding	1991-10-01	95.99	2003-02-12					ISO/TC 20/SC 13	19675	CCSDS 101.0-B-3:1992
	ISO 11754:2003	Space data and information transfer systems -- Telemetry channel coding	1999-05-18	95.99	2007-03-02					ISO/TC 20/SC 13	33004	CCSDS 101.0-B-5:2001
	ISO/DIS 11754	Space data and information transfer systems -- Telemetry channel coding	2002-10-15	40.98	2005-10-24					ISO/TC 20/SC 13	38562	CCSDS 101.0-B-6:2002
	ISO 12171:1998	Space data and information transfer systems -- Telecommand -- Channel service -- Architectural specification	1992-05-15	95.99	2002-09-26					ISO/TC 20/SC 13	21114	CCSDS 201.0-B-2:1995
	ISO 12171:2002	Space data and information transfer systems -- Telecommand -- Channel service	2000-06-28	95.99	2007-03-02					ISO/TC 20/SC 13	34711	CCSDS 201.0-B-3:2000
	ISO 12172:1998	Space data and information transfer systems -- Telecommand -- Data routing service	1992-05-15	95.99	2003-02-10					ISO/TC 20/SC 13	21115	CCSDS 202.0-B-2:1992
	ISO 12172:2003	Space data and information transfer systems -- Telecommand -- Data routing service	2001-11-21	95.99	2007-03-02					ISO/TC 20/SC 13	36591	CCSDS 202.0-B-3:2001
	ISO 12173:1998	Space data and information transfer systems -- Telecommand -- Command operation procedures	1992-05-15	95.99	2003-02-10					ISO/TC 20/SC 13	21116	CCSDS 202.1-B-1:1991
	ISO 12173:2003	Space data and information transfer systems -- Telecommand -- Command operation procedures	2001-10-19	95.99	2007-03-02					ISO/TC 20/SC 13	36447	CCSDS 202.1-B-2:2001
	ISO 12174:1998	Space data and information transfer systems -- Telecommand -- Data management service -- Architectural specification	1992-05-15	95.99	2003-02-12					ISO/TC 20/SC 13	21117	CCSDS 203.0-B-1:1987
	ISO 12174:2003	Space data and information transfer systems -- Telecommand -- Architectural specification for the data management service	2001-10-19	95.99	2007-03-05					ISO/TC 20/SC 13	36446	CCSDS 203.0-B-2:2001
	ISO 12175:1994	Space data and information transfer systems -- Standard formatted data units -- Structure and construction rules	1992-05-15	90.93	2009-12-31		15/10/2014			ISO/TC 20/SC 13	21118	CCSDS 620.0-B-2:1992
	ISO 13419:1997	Space data and information transfer systems -- Packet telemetry	1992-11-15	95.99	2003-02-10					ISO/TC 20/SC 13	21968	CCSDS 102.0-B-4:1995
	ISO 13419:1997/CD Amd 1	Space data and information transfer systems -- Packet telemetry -- Amendment 1	2000-11-30	30.98	2001-10-12					ISO/TC 20/SC 13	35681	-
	ISO 13419:2003	Space data and information transfer systems -- Packet telemetry	2001-10-12	95.99	2007-03-05					ISO/TC 20/SC 13	36479	CCSDS 102.0-B-5:2000
	ISO 13420:1997	Space data and information transfer systems -- Advanced orbiting systems -- Networks and data links -- Architectural specification	1992-11-15	95.99	2007-03-05					ISO/TC 20/SC 13	21969	CCSDS 701.0-B-2:1992
	ISO/DIS 13420	Space data and information transfer systems -- Advanced orbiting systems, networks and data links -- Architectural specification	2001-10-19	40.98	2004-11-03					ISO/TC 20/SC 13	36450	CCSDS 701.0-B-3:2001
	ISO 13526:2010	Space data and information transfer systems -- Tracking data message	2009-02-26	60.60	2010-09-10				36	ISO/TC 20/SC 13	53984	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	60.60	2010-09-10				36	ISO/TC 20/SC 13	53985	CCSDS 661.0-B-1
	ISO 13537:2010	Space data and information transfer systems -- Reference architecture for space data systems	2009-03-05	60.60	2010-09-29				36	ISO/TC 20/SC 13	53986	CCSDS 311.0-M-1
	ISO 13541:2010	Space data and information transfer systems -- Attitude data messages	2009-03-05	60.60	2010-09-10				36	ISO/TC 20/SC 13	53987	CCSDS 504.0-B-1
	ISO 13764:1996	Space data and information transfer systems -- Standard formatted data units -- Control authority procedures	1993-05-01	90.93	2009-12-31		15/10/2014			ISO/TC 20/SC 13	22845	CCSDS 630.0-B-1:1993
	ISO/WD 14712	Space systems -- Mission operations functions	1994-11-01	20.98	1995-07-13					ISO/TC 20/SC 13	24682	-
	ISO 14721:2003	Space data and information transfer systems -- Open archival information system -- Reference model	1994-11-01	90.92	2010-08-18					ISO/TC 20/SC 13	24683	CCSDS 650.0-B-1:2002
	ISO/DIS 14721	Space data and information transfer systems -- Open archival information system (OAIS) -- Reference model	2010-08-19	40.99	18/02/2011		2013-02-19		36	ISO/TC 20/SC 13	57284	CCSDS 650.0-P-1.1
	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	2008-03-31		15/01/2013			ISO/TC 20/SC 13	34701	CCSDS 641.0-B-2:2000
	ISO 14962:1997	Space data and information transfer systems -- ASCII encoded English	1995-05-01	90.93	2009-12-31		15/10/2014			ISO/TC 20/SC 13	26096	CCSDS 643.0-B-1:1992
	ISO 15395:1998	Space data and information transfer systems -- Standard formatted data units -- Control authority data structures	1996-05-23	90.93	2008-12-31		15/10/2013			ISO/TC 20/SC 13	27534	CCSDS 632.0-B-1:1994
	ISO 15396:1998	Space data and information transfer systems -- Cross support reference model -- Space link extension services	1996-05-23	95.99	2007-04-16					ISO/TC 20/SC 13	27535	CCSDS 910.4-B-1-S:1996
	ISO 15396:2007	Space data and information transfer systems -- Cross support reference model -- Space link extension services	2005-10-27	90.93	2010-09-17				36	ISO/TC 20/SC 13	43828	CCSDS 910.4-B-2:2005
	ISO 15887:2000	Space data and information transfer systems -- Data systems -- Lossless data compression	1997-05-15	90.60	17/12/2010					ISO/TC 20/SC 13	29440	CCSDS 121.0-B-1:1997
	ISO 15887:2000/Cor 1:2009	Space data and information transfer systems -- Data systems -- Lossless data compression -- Technical Corrigendum 1	2008-11-05	60.60	2009-05-15					ISO/TC 20/SC 13	52985	
	ISO 15887:2000/CD Cor 2	Space data and information transfer systems -- Data systems -- Lossless data compression -- Technical Corrigendum 2	2007-04-20	30.98	2008-11-26					ISO/TC 20/SC 13	46185	
	ISO 15888:2000	Space data and information transfer systems -- Standard formatted data units -- Referencing environment	1997-05-15	90.60	17/12/2010					ISO/TC 20/SC 13	29441	CCSDS 622.0-B-1:1997
	ISO 15889:2000	Space data and information transfer systems -- Data description language -- EAST specification	1997-05-15	95.99	2003-02-10					ISO/TC 20/SC 13	29442	CCSDS 644.0-B-1-S:1997
	ISO 15889:2000/CD Amd 1	Space data and information transfer systems -- Data description language -- EAST specification -- Amendment 1	2000-11-30	30.98	2001-10-12					ISO/TC 20/SC 13	35682	
	ISO 15889:2003	Space data and information transfer systems -- Data description language -- EAST specification	2001-10-12	90.92	2010-08-31					ISO/TC 20/SC 13	36451	CCSDS 644.0-B-2-S:2000

	ISO/PRF 15889	Space data and information transfer systems -- Data description language -- EAST specification	2010-08-30	50.00	26/08/2011			36	ISO/TC 20/SC 13	57320	CCSDS 644.0-B-3
	ISO/DIS 15890	Space data and information transfer systems -- Advanced orbiting systems, networks and data links -- Audio, video and still-image communications services	1997-05-15	40.98	2001-09-04				ISO/TC 20/SC 13	29443	CCSDS 704.0-B-1-S:1994
	ISO 15891:2000	Space data and information transfer systems -- Protocol specification for space communications -- Network	1997-05-15	95.99	10/05/2011				ISO/TC 20/SC 13	29444	CCSDS 713.0-B-1:1999
	ISO 15892:2000	Space data and information transfer systems -- Protocol specification for space communications -- Security	1997-05-15	95.99	10/05/2011				ISO/TC 20/SC 13	29445	CCSDS 713.5-B-1:1999
	ISO 15893:2000	Space data and information transfer systems -- Protocol specification for space communications -- Transport protocol	1997-05-15	95.99	2010-09-10				ISO/TC 20/SC 13	29446	CCSDS 714.0-B-1:1999
	ISO 15893:2010	Space data and information transfer systems -- Space communications protocol specification (SCPS) -- Transport protocol (SCPS-TP)	2007-03-06	60.60	2010-09-10			48	ISO/TC 20/SC 13	45986	CCSDS 714.0-B-2
	ISO 15894:2000	Space data and information transfer systems -- Protocol specification for space communications -- File protocol	1997-05-15	95.99	10/05/2011				ISO/TC 20/SC 13	29447	CCSDS 717.0-B-1:1999
	ISO/DIS 16363	Space data and information transfer systems -- Audit and certification of trustworthy digital repositories	2010-04-08	40.60	23/02/2011	2012-10-08		36	ISO/TC 20/SC 13	56510	CCSDS 652.0-R-1
	ISO/CD 16919	Requirements for bodies providing audit and certification of candidate trustworthy digital repositories	2010-12-07	40.60	20/06/2011	07/06/2013		36	ISO/TC 20/SC 13	57950	CCSDS 652.1-R-1
	ISO/DIS 17107	Space data and information transfer systems -- XML specification for navigation data messages	20/01/2011	50.00	30/08/2011	20/07/2013		36	ISO/TC 20/SC 13	59155	
	ISO/DIS 17214	Space data and information transfer systems -- Spacecraft onboard interface services -- Time access service	17/02/2011	40.99	31/08/2011	17/08/2013		36	ISO/TC 20/SC 13	59416	CCSDS 872.0-M-1
	ISO 17355:2003	Space data and information transfer systems -- CCSDS file delivery protocol	1999-05-18	95.99	2004-05-18				ISO/TC 20/SC 13	33005	CCSDS 727.0-B-1 S:2002
	ISO 17355:2004	Space data and information transfer systems -- CCSDS file delivery protocol	2002-10-15	95.99	2007-05-07				ISO/TC 20/SC 13	38593	
	ISO 17355:2007	Space data and information transfer systems -- CCSDS file delivery protocol	2005-10-27	90.92	2007-08-10			36	ISO/TC 20/SC 13	43829	CCSDS 727.0-B-3 S: 2005
	ISO/CD 17355	Space data and information transfer systems -- CCSDS file delivery protocol	2007-08-10	30.98	2010-03-05			48	ISO/TC 20/SC 13	50246	CCSDS 727.0-B-4: 2007
	ISO 17433:2001	Space data and information transfer systems -- Packet telemetry services	1998-06-30	95.99	2003-02-11				ISO/TC 20/SC 13	28460	CCSDS 103.0-B-1 S:1996
	ISO 17433:2003	Space data and information transfer systems -- Packet telemetry services	2001-10-19	95.99	2007-03-05				ISO/TC 20/SC 13	36448	CCSDS 103.0-B-2 S:2001
	ISO 20652:2006	Space data and information transfer systems -- Producer-archive interface -- Methodology abstract standard	2003-04-10	90.93	2009-06-30	15/04/2014			ISO/TC 20/SC 13	39577	CCSDS 651.0-M-1:2004
	ISO 21459:2006	Space data and information transfer systems -- Proximity-1 space link protocol -- Coding and synchronization sublayer	2004-01-09	90.93	2009-12-31	15/10/2014		48	ISO/TC 20/SC 13	40247	CCSDS 211.2-B-1:2003
	ISO 21460:2006	Space data and information transfer systems -- Proximity-1 space link protocol -- Physical layer	2004-01-09	95.99	2007-10-10			48	ISO/TC 20/SC 13	40248	CCSDS 211.1-B-1
	ISO 21460:2007	Space data and information transfer systems -- Proximity-1 space link protocol -- Physical layer	2006-09-12	90.60	17/03/2011			36	ISO/TC 20/SC 13	44999	CCSDS 211.1-B-3
	ISO 21961:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- Abstract syntax	2001-06-29	90.93	2008-06-30	15/04/2013			ISO/TC 20/SC 13	36036	CCSDS 647.1-B-1:2001
	ISO 21962:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- PVL syntax	2001-06-29	90.93	2008-06-30	15/04/2013			ISO/TC 20/SC 13	36037	CCSDS 647.2-B-1:2001
	ISO 22641:2005	Space data and information transfer systems -- TM (telemetry) synchronization and channel coding	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36375	CCSDS 131.0-B-1:2003
	ISO 22642:2005	Space data and information transfer systems -- TC (telecommand) synchronization and channel coding	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36376	CCSDS 231.0-B-1:2003
	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 22643:2003	Space data and information transfer systems -- Data entity dictionary specification language (DEDSL) -- XML/DTD Syntax	2001-07-20	90.93	2009-04-01	15/04/2014			ISO/TC 20/SC 13	36377	CCSDS 647.3-B-1:2002
	ISO/CD 22644	Space data and information transfer systems -- Orbit data messages	12/10/2001	30.98	03/11/2004				ISO/TC 20/SC 13	36379	
	ISO 22644:2006	Space data and information transfer systems -- Orbit data messages	19/05/2005	90.92	07/05/2008			36	ISO/TC 20/SC 13		
	ISO 22645:2005	Space data and information transfer systems -- TM (telemetry) space data link protocol	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36380	CCSDS 132.0-B-1:2003
	ISO 22646:2005	Space data and information transfer systems -- Space packet protocol	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36381	CCSDS 133.0-B-1:2003
	ISO 22647:2006	Space data and information transfer systems -- Space link identifiers	2001-10-12	95.99	2010-09-10				ISO/TC 20/SC 13	36383	CCSDS 135.0-B-1:2002
	ISO 22647:2010	Space data and information transfer systems -- Space link identifiers	2007-03-14	60.60	2010-09-10			48	ISO/TC 20/SC 13	45987	CCSDS 135.0-B-3
	ISO 22663:2006	Space data and information transfer systems -- Proximity-1 space link protocol -- Data link layer	2001-10-12	95.99	2007-10-10				ISO/TC 20/SC 13	36386	CCSDS 211.0-B-3:2004
	ISO 22663:2007	Space data and information transfer systems -- Proximity-1 space link protocol -- Data link layer	2006-09-12	90.60	17/03/2011			36	ISO/TC 20/SC 13	45000	CCSDS 211.0-B-4
	ISO 22664:2005	Space data and information transfer systems -- TC (telecommand) space data link protocol	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36389	CCSDS 232.0-B-1:2003
	ISO 22666:2005	Space data and information transfer systems -- AOS (advanced orbiting systems) space data link protocol	2001-10-12	95.99	2007-08-15				ISO/TC 20/SC 13	36391	CCSDS 732.0-B-1:2003
	ISO 22666:2007	Space data and information transfer systems -- AOS (advanced orbiting systems) space data link protocol	2006-06-23	90.60	17/12/2010			36	ISO/TC 20/SC 13	44866	CCSDS 732.0-B-2
	ISO 22667:2005	Space data and information transfer systems -- Communication operations Procedure-1	2001-10-12	90.93	2008-12-31	15/10/2013			ISO/TC 20/SC 13	36392	CCSDS 232.1-B-1:2003
	ISO/WD 22668	Space data and information transfer systems -- Space link extension (SLE) -- Service management specification	2001-10-12	20.98	2003-11-07				ISO/TC 20/SC 13	36393	
	ISO 22669:2003	Space data and information transfer systems -- Space link extension (SLE) -- Return-all-frames service	2001-10-12	95.99	2007-01-26				ISO/TC 20/SC 13	36394	CCSDS 911.1-B-1:2002
	ISO 22669:2007	Space data and information transfer systems -- Space link extension (SLE) -- Return-all-frames service	2004-12-08	90.93	2010-06-30			36	ISO/TC 20/SC 13	43442	CCSDS 911.1-B-2
	ISO 22670:2006	Space data and information transfer systems -- Space link extension (SLE) -- Return-channel-frames service	2001-10-12	90.93	2009-06-30	15/04/2014			ISO/TC 20/SC 13	36395	CCSDS 911.2-B-1:2004
	ISO 22671:2005	Space data and information transfer systems -- Space link extension (SLE) -- Forward command link transmission unit (CLTU)	2001-10-12	95.99	2007-01-26				ISO/TC 20/SC 13	36396	CCSDS 912.1-B-1:2002
	ISO 22671:2007	Space data and information transfer systems -- Space link extension (SLE) -- Forward communications link transmission unit (CLTU) service	2004-12-08	90.92	22/12/2010			36	ISO/TC 20/SC 13	43443	CCSDS 912.1-B-2

	ISO 22671:2007/CD Cor 1	Space data and information transfer systems -- Space link extension (SLE) -- Forward communications link transmission unit (CLTU) service -- Technical Corrigendum 1	2007-10-01	30.98	17/01/2011				ISO/TC 20/SC 13	50583	
	ISO/PRF 22671	Space data and information transfer systems -- Space link extension (SLE) -- Forward communications link transmission unit (CLTU) service	22/12/2010	50.00	26/08/2011			36	ISO/TC 20/SC 13	58052	
	ISO/CD 22672	Space data and information transfer systems -- Space link extension (SLE) -- Forward space packet service	12/10/2001	30.98	04/05/2004			36	ISO/TC 20/SC 13	36397	
	ISO 22672:2006	Space data and information transfer systems -- Space link extension (SLE) -- Forward space packet	19/05/2005	90.92	22/12/2010			36	ISO/TC 20/SC 13	42721	CCSDS 912.3-B-1
	ISO/PRF 22672	Space data and information transfer systems -- Space link extension (SLE) -- Forward space packet service specification	22/12/2010	50.00	03/07/2011		26/08/2011	36	ISO/TC 20/SC 13	58052	CCSDS 911.5-B-1
	ISO 26143:2007	Space data and information transfer systems -- Space link extension (SLE) -- Return operational control fields service	2005-09-08	90.93	2010-06-30			36	ISO/TC 20/SC 13	43394	CCSDS 911.5-B-1
	ISO 26868:2009	Space data and information transfer systems -- Image data compression	2005-12-02	60.60	2009-01-29		15/01/2014	36	ISO/TC 20/SC 13	43849	CCSDS 122.0-B-1

<b>Legend:</b>	
	Marked with cancelled, project deleted based on TMB Resolution (3 tracks rule)
<b>Stage</b>	Initial date of current stage
<b>Limit</b>	Limit date for next stage
<b>VA</b>	Lead Organization for project under Vienna Agreement
<b>Time F</b>	Related to stage
<b>PA</b>	Patent Associated, marked with 

## International harmonized stage codes

STAGE	SUBSTAGE						
	90 Decision Substages						
	00 Registration	20 Start of main action	60 Completion of main action	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