



**ISO TC20 / SC13 Meeting
Nagano, Japan, May 2015**

**Report of Japan to ISO/TC20/SC13
April 2014 – May 2015**

Summary

The following ISO documents were reviewed by the Japan Study Committee during the period between April 2014 and May 2015. The following table shows the review status.

Review Stage	CIB ^{※1}	FDIS ^{※2}	DIS ^{※3}	SR ^{※4}
Completed	1	1	19	6
In Process	0	0	3	1

※1 CIB: Committee-Internal Balloting

※2 FDIS: Final Draft International Standards

※3 DIS: Draft International Standard

※4 SR: Systematic Review

Work Items

1. The following CIB document was reviewed, and an affirmative vote was submitted by the Committee.
 - A) N1505
Disposition: Voted for approval
Due Date: March 3, 2015

2. The following FDIS document was reviewed, and an affirmative vote was submitted by the Committee.
 - A) ISO/FDIS 16919: Space data and information transfer systems – Requirements for bodies providing audit and certification of candidate trustworthy digital repositories
Disposition: Voted for approval
Due Date: August 28, 2014

3. The following 3 DIS documents are being reviewed for voting by the due date.
 - A) ISO_DIS 20618: Space data and information transfer systems – Spacecraft onboard interface services – Device enumeration service
Due Date: August 4, 2015

 - B) ISO_DIS 22642 (Ed 2): Space data and information transfer systems – TC synchronization and channel coding
Due Date: August 6, 2015

 - C) ISO_DIS18202 (Ed 2): Space data and information transfer systems – Mission operations message abstraction layer
Due Date: August 7, 2015

4. The following 19 DIS documents were reviewed, and affirmative vote were submitted by the Committee.
- A) ISO/DIS 18423 (Ed 2):Space data and information transfer systems – Pseudo-Noise (PN) Ranging Systems
Disposition: Voted for approval
Due Date: December 30, 2014

 - B) ISO/DIS 20104: Space data and information transfer systems
Producer-Archive Interface Specification (PAIS)
Disposition: Voted for approval
Due Date: December 30, 2014

 - C) ISO/DIS 21459 (Ed 2):Space data and information transfer systems
– Proximity-1 space link protocol – Coding and synchronization sublayer
Disposition: Voted for approval
Due Date: December 30, 2014

 - D) ISO/DIS 21460 (Ed 3):Space data and information transfer systems
– Proximity-1 space link protocol – Physical layer
Disposition: Voted for approval
Due Date: December 30, 2014

 - E) ISO/DIS 22663 (Ed 3):Space data and information transfer systems
– Proximity-1 space link protocol – Data link layer
Disposition: Voted for approval
Due Date: December 30, 2014

 - F) ISO/DIS 20105: Space data and information transfer systems
– Operation of CFDP over encapsulation service
Disposition: Voted for approval
Due Date: January 6, 2015

 - G) ISO/DIS 20106: Space data and information transfer systems
– Mission operations common object model
Disposition: Voted for approval
Due Date: January 6, 2015

 - H) ISO/DIS 20107: Space data and information transfer systems
– Spacecraft onboard interface services – Device virtualization service
Disposition: Voted for approval
Due Date: January 6, 2015

 - I) ISO/DIS 20205: Space data and information transfer systems
– Low Data-Rate Wireless Communications for Spacecraft Monitoring and Control
Disposition: Voted for approval
Due Date: January 27, 2015

 - J) ISO/DIS 20206: Space data and information transfer systems
– IP over CCSDS space links
Disposition: Voted for approval
Due Date: January 27, 2015

- K) ISO/DIS 20207: Space data and information transfer systems
– CCSDS Space Link Protocols over ETSI DVB-S2 Standard
Disposition: Voted for approval
Due Date: January 27, 2015

- L) ISO/DIS 20208: Space data and information transfer systems
– Delta-DOR Raw Data Exchange Format
Disposition: Voted for approval
Due Date: January 27, 2015

- M) ISO/DIS 20210: Space data and information transfer systems
– Mission Operations Message Abstraction Layer – JAVA API
Disposition: Voted for approval
Due Date: January 27, 2015

- N) ISO/DIS 20211: Space data and information transfer systems
– Spacecraft Onboard Interface Services – Device Access Service
Disposition: Voted for approval
Due Date: January 27, 2015

- O) ISO/DIS 20213: Space data and information transfer systems
– Spacecraft Onboard Interface Services – Message transfer service
Disposition: Voted for approval
Due Date: January 27, 2015

- P) ISO/DIS 20214: Space data and information transfer systems
– Security architecture for space data systems
Disposition: Voted for approval
Due Date: January 27, 2015

- Q) ISO/DIS 20215: Space data and information transfer systems
– CCSDS cryptographic algorithms
Disposition: Voted for approval
Due Date: January 27, 2015

- R) ISO/DIS 20216: Space data and information transfer systems
– Spacecraft onboard interface services – Device data pooling service
Disposition: Voted for approval
Due Date: January 27, 2015

- S) ISO/DIS 20217: Space data and information transfer systems
– Spacecraft onboard interface services – File and packet store services
Disposition: Voted for approval
Due Date: January 27, 2015

5. The following ISO document undergoing Systematic Review is being reviewed for voting due September 15, 2015.

- A) ISO 17355:2007 (Ed 3): Space data and information transfer systems
– CCSDS file delivery protocol
Due Date: September 15, 2015

6. The following 6 SR documents were reviewed, and affirmative vote were submitted by the Committee.

- A) ISO 13764:1996 (vers 3): Space data and information transfer systems
– Standard formatted data units – Control authority procedures
Recommended Action: Confirm
Due Date: June 16, 2014

- B) ISO 14962:1997 (vers 3): Space data and information transfer systems
– ASCII encoded English
Recommended Action: Confirm
Due Date: June 16, 2014

- C) ISO 20652:2006 (vers 2): Space data and information transfer systems
– Procedure-archive interface – Methodology abstract standard
Recommended Action: Confirm
Due Date: June 16, 2014

- D) ISO 21459:2006 (vers 2) : Space data and information transfer systems
– Proximity-1 space link protocol-Coding and synchronization sublayer
Recommended Action: Confirm
Due Date: June 16, 2014

- E) ISO 22643:2003 (vers 2): Space data and information transfer systems
– Data entity dictionary specification language (DEDSL) – XML/DTD Syntax
Recommended Action: Confirm
Due Date: June 16, 2014

- F) ISO 26868:2009 : Space data and information transfer systems
– Image data compression
Recommended Action: Confirm
Due Date: June 16, 2014

Respectfully submitted:

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