

JAPAN Status Report of ISO TC20/SC13

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JAXA/TKSC, Tsukuba, Japan

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Status Summary

- CCSDS/DIS working group supports ISO TC20/SC13 and ISO National Committee of Japan.
- The following items were processed after the previous meeting.

	DIS: Draft International Standard	SR: Systematic Review
Complete	3	5
In Progress	0	0

DIS Disposition Status

- The following DISs were reviewed and polled.
 - 22647: Space data and information transfer systems
– Space link identifiers

Summary: DIS22647 reflects Space Link Protocol Standards modification,
i.e., adding Encapsulation Service protocol IDs and Proximity-1 port ID for packet.

Disposition: Approved.

Comment: They are adequate changes.

Polled Date: December 14, 2007.

DIS Disposition Status

- The following DISs were reviewed and polled.
 - 15893: Space data and information transfer systems
 - Protocol specification for space communication
 - Transport protocol

Summary: The current issue adds optional support for Selective Acknowledgements (SACK) and Explicit Congestion Notification (ECB).

Disposition: Approved.

Comment: They are adequate changes.

Polled Date: December 14, 2007.

DIS Disposition Status

- The following DISs were reviewed and polled.
 - 10537: Space data and information transfer systems
 - Encapsulation service

Summary: DIS10537 specifies a communication service to be used by space missions to transfer protocol data units that are not directly transferred by the Space Data Link Protocols over ground-to-space or space-to-space communications link.

Disposition: Approved.

Comment: It's very valuable service for IP communication in space.

Polled Date: December 14, 2007.

SR Disposition Status

- The following SRs were conducted and polled.
 - 14961: Space data and information transfer systems
 - Parameter value language specification

Summary: The Parameter Value Language (PVL) specification defines a human-readable, machine-processable language for naming and expressing data values.

Disposition: Confirmed to be remained as-is.

Polled Date: March 12, 2008.

SR Disposition Status

- The following SRs were conducted and polled.
 - 21961: Space data and information transfer systems
 - Data entity dictionary specification language (DEDSL)
 - Abstract syntax

Summary: This standard defines a language for specifying a dictionary which describes semantics for a collection of data entities.

Disposition: Confirmed to be remained as-is.

Polled Date: June 12, 2008.

SR Disposition Status

- The following SRs were conducted and polled.
 - 21962: Space data and information transfer systems
 - Data entity dictionary specification language (DEDSL)
 - PVL syntax

Summary: This standard provides a standard method to represent the attributes and their value, using the Parameter Value Language (PVL) for the construction and interchange of data entity dictionaries.

Disposition: Confirmed to be remained as-is.

Polled Date: June 12, 2008.

SR Disposition Status

- The following SRs were conducted and polled.
 - 15889: Space data and information transfer systems
 - Data description language – EAST specification

Summary: The Enhanced Ada SubseT (EAST) language ensures complete and exact understanding of space data as well as its automated transfer and interpretation on any host machine having the appropriate software tools.

Disposition: Confirmed to be remained as-is.

Polled Date: June 12, 2008.

SR Disposition Status

- The following SRs were conducted and polled.
 - 14721: Space data and information transfer systems
 - Open archival information system
 - Reference model

Summary: The model provides a framework for the understanding and increased awareness of archival concepts needed for long-term digital information preservation and access, and for describing and comparing architectures and operations of existing and future archives.

Disposition: Confirmed to be remained as-is.

Polled Date: June 12, 2008.