

ISO TC20/SC13 Status Report
ISO TC20 Plenary Meeting
2003 June

TC20/SC13 Membership

Secretariat: USA (ANSI)
Secretary: John Kelley (US/NASA)
Chairman: Eduardo Bergamini (Brazil/INPE)

Members: Brazil (ABNT)
Canada (SCC)
China (SAC)
France (AFNOR)
Germany (DIN)
Italy (UNI)
Japan (JISC)
Russian Federation (GOST R)
Ukraine (DSSU)
United Kingdom (BSI)
United States (ANSI)

Observers: Argentina (IRAM)
India (BIS)
Poland (PKN)
Spain (AENOR)
Sweden (SIS)

No changes to membership since last report.

Meetings held since last report:

2002 April	- Oberpfaffenhofen, Germany
2002 October	- Houston, United States
2003 April	- Matera, Italy

Standards published/work items completed:

ISO 11103	Radiometric and Orbit Data
ISO 11104	Time Code Formats
ISO 11754	Telemetry Channel Coding
ISO 12171	Telecommand Part 1 – Channel Services
ISO 12172	Telecommand Part 2 – Data Routing Services
ISO 12173	Telecommand Part 2.1–Command Ops Procedures
ISO 12174	Telecommand Part 3–Data Management Procedures
ISO 12175	SFDU – Structure and Construction Rules
ISO 13419	Packet Telemetry
ISO 13420	AOS, N&DL: Architectural Specification
ISO 13764	SFDU – Control Authority Procedures
* ISO 14721	Open Archival Information System - Reference Model
ISO 14961	PVL Specification
ISO 14962	ASCII Encoded English
ISO 15395	SFDU – Control Authority Data Structures
ISO 15396	Cross Support Reference Model – SLE Services
ISO 15887	Lossless Data Compression
ISO 15888	SFDU – Referencing Environment
ISO 15889	Data Description Language – EAST Specification
ISO 15891	SCPS – Network Protocol
ISO 15892	SCPS – Security Protocol
ISO 15893	SCPS – Transport Protocol
ISO 15894	SCPS – File Protocol
* ISO 17355	CCSDS File Delivery Protocol
ISO 17433	Packet Telemetry Services

* new standards

Updated Standards:

The following International Standards were updated and published since last TC20/SC13 report (2001 October):

- ISO 11754 Telemetry Channel Coding (2003)
- ISO 12171 Telecommand Part 1 – Channel Services (2002)
- ISO 12172 Telecommand Part 2 – Data Routing Services (2003)
- ISO 12173 Telecommand Part 2.1–Command Ops Procedures (2003)
- ISO 12174 Telecommand Part 3–Data Management Procedures (2003)

ISO 13419 Packet Telemetry (2003)
ISO 14961 PVL Specification (2002)
ISO 15889 Data Description Language – EAST Specification (2003)
ISO 17433 Packet Telemetry Services (2003)

Work in Progress:

The following documents are currently being progressed within ISO:

DIS 11104 Time Code Formats (update)
CD 11754 Telemetry Channel Coding (update)
ISO 13420 AOS, N&DL: Architectural Specification (update)
CD 17355 CCSDS File Delivery Protocol (update)
ISO 21961 Data Entity Dictionary Specification Language (DEDSL) -
Abstract Syntax (new)
ISO 21962 Data Entity Dictionary Specification Language (DEDSL) -
PVL Syntax (new)
ISO 22643 Data Entity Dictionary Specification Language (DEDSL) -
XML/DTD Syntax (new)
CD 22644 Orbit Data Messages (new)
CD 22663 Proximity-1 Space Link Protocols (new)
DIS 22669 Space Link Extension (SLE) – Return All Frames (new)
DIS 22671 Space Link Extension (SLE) – F-CLTU (new)

Proposed new work items:

The following new Recommendations are being developed in CCSDS and will be submitted for ISO processing as each document is completed.

AWI 22641 Channel Coding and Synchronization - Synchronous
AWI 22642 Channel Coding and Synchronization – Asynchronous
AWI 22645 Telemetry Space Data Link Protocol
AWI 22646 Space Packet Protocol
AWI 22647 Space Link Identifiers
AWI 22664 Telecommand Space Data Link Protocol
AWI 22666 AOS Space Data Link Protocol
AWI 22667 Communication Operation Procedure -1
AWI 22668 Space Link Extension (SLE) – Service Management Spec

AWI 22670 Space Link Extension (SLE) – Return Channel Frame Service

AWI 22672 Space Link Extension (SLE) – Forward Space Packet

Work items making slow progress:

None

Work items deleted/withdrawn:

None

Use of accelerated procedures:

Use Cover sheet method for CCSDS Recommendations.

Future meetings of ISO TC20/SC13:

Fall 2003 - Annapolis, United States

Spring 2003 - TBD, Europe

Issues requiring TC 20 attention:

None