



SUBJECT: Minutes of the 31st International Organization for Standardization
(ISO/Technical Committee (TC) 20/Subcommittee (SC) 13 Meeting

LOCATION: Penrose House – Colorado Springs, United States

DATE: 26 January 2007

SECRETARIAT: USA (ANSI)

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

OBSERVER COUNTRIES
(O - Members): Argentina (IRAM)
India (BIS)
Korea, Republic of (KATS)
Poland (PKN)
Sweden (SIS)

ATTENDANCE:

<u>Country</u>	<u>Name</u>
Brazil	Eduardo Bergamini (Chair)
Canada	Leo Hartman
France	Jean-Marc Soula
Germany	Martin Pilgram
Italy	Loredana Bruca
Japan	Yoshitaka Taromaru Kiyohisa Suzuki Ikuo Nohara
Russia	Vladimir Grishin Vladimir Artemiev Vladimir Starostin Georgy Tkachenko

United Kingdom	Peter Allan
United States	Mike Kearney (Secretary) Adrian Hooke Neil Dissinger (Drafting Committee)

1. Opening of the Meeting

Dr. Eduardo Bergamini called the meeting to order.

2. Roll Call of the Delegates

The following nations were represented at the meeting: Brazil, Canada, France, Germany, Italy, Japan, Russia, the United Kingdom and the United States. Representatives from China, Israel, and Ukraine were not present.

3. Adoption of the Agenda

The agenda for the meeting was approved as presented and is provided as [Attachment 01](#).

4. Appointment of a Drafting Committee

In compliance with the ISO requirement to appoint a drafting committee, the subcommittee resolved that Mr. Neil Dissinger, in support of the TC20/SC13 Secretariat, would be responsible for drafting and distributing the meeting minutes.

5. Report of the Secretariat

a. Approval of Draft Minutes of the 2006 Fall Meeting

Draft minutes from the previous meeting for 2006 Fall were approved by the attendees with comments.

b. Review of ISO TC20/SC13 Programme of Work: See [Attachment 02](#).

c. Review and Status of Action Items from 2006 Fall: See [Attachment 03](#).

d. Review of Resolutions since the 2006 Fall ISO TC20/SC13 Meeting: See [Attachment 04](#).

6. Report of Delegates

a. Brazil – See [Attachment 05](#).

- b. **Canada** – No report.
- c. **France** – See [Attachment 06](#).
- d. **Germany** – See [Attachment 07](#).
- e. **Italy** – See [Attachment 08](#).
- f. **Japan** – See [Attachment 09](#).
- g. **Russian Federation** – See [Attachment 10](#).
- h. **United Kingdom** – See [Attachment 11](#).
- i. **United States** – See [Attachment 12](#).

7. Report of TC20/SC13 Liaison Activities

A report from TC46/SC11 was presented ([Attachment 13](#)).

8. New Business

Liaison between TC20/SC13 and TC20/SC14 - Dr. Bergamini reported that he has exchanged correspondence with the Chairman of ISO TC20/SC14 Larry Shultz concerning the development and publication of navigation standards for space. Dr. David Finkleman of ISO TC20/SC14 presented Orbit Data Exchange (see [Attachment 14](#)). Control issues concerning whether to develop one standard (SC13 ISO 22644) or two mutually consistent standards were discussed. Dr. Finkleman stated that SC13 and SC14 have different members and users for their standards. One concern was if a single standard was published, SC14 users would not be able to locate the applicable standard if the standard was published by SC13 (and vice versa). It was suggested that the combined standard could be published using ISO control numbers from both SCs. The update to the CCSDS Orbit Data Message document, which incorporates the SC14 Navigation information, will be tested and prototyped in Spring 2007. The next ISO TC20/SC14 meeting is scheduled for May 2007 and it is expected that the subcommittees will have an agreement at the meeting. The SC13 and SC14 chairman will consult with TC20 to determine the appropriate resolution to the control issues (Resolution and Action Item SC13-2007-01-001).

Future cooperation on work items between TC20/SC13 and TC20/SC14 - It was agreed to exchange information concerning the existing program of work to determine if there are any additional areas that could benefit from joint cooperation between the two subcommittees (Resolution and Action Item SC13-2007-01-002).

9. Future Meetings

The following schedule was agreed for future ISO TC20/SC13 meetings:

2007 Fall – ESOC, Darmstadt, 8 Oct 2007 (p.m.)

2008 Spring – NASA, Colorado Springs, USA 28 April (p.m.)

2008 Fall – DLR, Oberpfaffenhofen, Germany 20 Oct (p.m.)

10. Review and Approval of Resolutions and Action Items

The draft Resolutions and Action Items were reviewed ([Attachment 15](#)).

11. Adjournment

Dr. Bergamini adjourned the TC20/SC13 meeting.

