

# ISO/IEC JTC 1/SC 32 N 0553

Date: 2000-10-12

REPLACES: --

<p><b>ISO/IEC JTC 1/SC 32</b></p> <p><b>Data Management and Interchange</b></p> <p><b>Secretariat: United States of America (ANSI)</b></p> <p><b>Administered by Pacific Northwest National Laboratory on behalf of ANSI</b></p>
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<b>TITLE</b>	Meeting Report for the SC 32/WG 2 Meeting in Helsinki 2000-10
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SC 32 N0553

TITLE: Meeting Report for ISO/IEC JTC 1/SC 32/WG 2 Metadata

SOURCE: SC 32/WG 2 Secretary

DATES: 5 October (Thursday) to 13 October (Friday) 2000

VENUE: Hotel Aurora, Helsinki, Finland

TIME: SC 32/WG 2 Plenary Session starts at 09:00 on 10 October 2000  
SC 32/WG 2 Working and Editing Sessions start at 08:00 on 5 October 2000  
SC 32/WG 2 Final Plenary Session starts at 08:00 on 12 October 2000

PURPOSE: The purpose of the WG 2 Meeting (5 to 13 October 2000) is to progress WG 2 projects.

STATUS: WG Meeting Report.

ACTION: For information.

REFERENCE DOCUMENTS:

DISTRIBUTION:

P & L Members

**ISO/IEC JTC 1/SC 32/WG 2 Metadata Meeting Report**  
**Helsinki, Finland**  
**5-13 October 2000**

Hotel Aurora  
Helsinginkatu 50  
FIN-00530 Helsinki

Thursday, October 5 and the morning of Friday October 6, 2000 were assigned to the Editing Meeting for PDTR 20943 (32N0489).

The afternoon of Friday, October 6, 2000 was assigned to the Editing Meeting for CD 11179-3 (32N0490). The Editing meeting continued on Monday, October 9, 2000, in parallel with the SC32 plenary meeting, and at various times throughout the rest of the week.

Tuesday, 10 October 0900 - 1000            WG 2 Plenary

1.
  - 1.1    Opening of Meeting  
Larry Fitzwater opened the meeting at 9:00am.
  - 1.2    Roll call  
Seven national bodies were represented.  
Introduction of Francois Vuilleumier, Chairman of TC 154  
A list of the attendees is at the end of the meeting report.
  - 1.3    Adoption of the Secretary for Meeting Report  
Ray Gates, Canada was appointed as secretary for the meeting.
  - 1.4    Document Register  
A draft document register had been created as WG2 HEL 001. This was updated during the meeting. The final document register is WG2 N308.
  - 1.5    Adoption of the agenda  
The agenda (32N0492) was adopted with changes and additions, which are reflected in this meeting report.
  - 1.6    Appointment of the drafting committee for WG 2 resolutions  
Tim Bourne (UK) and Judith Newton (USA) were appointed to the WG2 drafting committee.
  - 1.7    Report of the Convenor  
The Convenor's report of the New York WG2 meeting (32N0487) was accepted.
2.    Liaison reports  
Liaison reports were received from:
  - IEEE (presented orally by Frank Farance)
    - Learning Technologies Standards
    - 1484.12 planning to use 11179 to describe learning object metadata
    - 1484.14 interested in work on Metadata Access Service
  - OMG (presented by Mr. Hajime Horiuchi - see 32N0566 and Wednesday, October 11 at 10am)
  - SC7 (presented orally by Jean Berube)

Discussion of progression of DIS 14769 ODP Type Repository

SC25 (presented orally by Frank Farance)

WG1 Home Electronic Systems want to apply 11179 to understand the capabilities of household devices.

SC36 (presented orally by Frank Farance)

TC154 (presented orally by Francois Vuilleumier)

TC211 (see 32N0537 – received from TC211 secretariat)

TC215 – Health Informatics – reported by Joe Christensen (see 32N0579)

3. JTC 1/SC 32 Matters

Review of JTC 1 decisions affecting WG 2

Review of SC 32 decisions affecting WG 2

4. WG 2 Technical Business

4.1 Discussion of WG2 Projects

#### WG 2 Working Session

1300 -1500 ISO/IEC NP 20944 -- Information technology - Metadata Access Service (MDAS) (leader Frank Farance)

Frank Farance presented the status of work on NP 20944. It was agreed that the project should be renamed "Metadata Access Service (MDAS)" and a resolution was passed to this effect. Frank will have a working draft for the April 2001 meeting.

1500 - 1600 Discussion of XML in relation to the work of WG2

The potential impact of XML on the ISO/IEC 11179 family of standards was discussed. Three areas of impact were identified:

- 1) The use of XML to query and transfer the metadata contained in ISO/IEC 11179 metadata registries.
- 2) The registration, in ISO/IEC 11179 metadata registries, of XML data components as found in XML schemas, Document Type Definitions (DTDs) and XML data files.
- 3) Coordination between ISO/IEC 11179 metadata registries and other registries that are being defined for XML name spaces and other aspects of XML data interchange. It was agreed that the ongoing work of revising the each of the parts of ISO/IEC 11179 would identify and resolve issues that arise from XML techniques and technologies. For example, Part 3 will accommodate any metamodel changes necessary to register XML tags for data elements, Part 2 will accommodate classification issues relating to XML schemas, DTDs, and etc.

1600 - 1700 Part 2 Revision and Terminology (leaders Jim Carpenter and Bruce Bargmeyer)

The WG 2 study area in terminology involved collaboration with other ISO committees involved in various aspects of terminology, such as TC 37. The study area identified standards that WG 2 can draw from in the progress of this work. Terminology was a major theme of the WG 2 Open Forum on Metadata Registries, held in January 2000. Many presentations addressed various aspects of how basic semantics management --concepts and terms--can be incorporated into ISO/IEC 11179. A testbed was developed, to explore associating concepts and terms with their use in data elements, especially in definitions and domains. Terms and concepts can be assembled into data element components which are deployed in databases, electronic data interchange and data queries, etc. Terms

and concepts can also be assembled into thesauri, taxonomies and ontologies that can be deployed in search engines, agent based systems, and ontology driven intelligent information systems. Work in this area will continue as part of two ongoing projects. Changes to ISO/IEC 11179 Part 3 metamodel may be offered to accommodate terminology. Other terminology work will be progressed as part of the revision of ISO/IEC 11179 Part 2, which is being opened as part of the ISO/IEC 11179 Part 3 revision. These actions close the study area on terminology.

Wednesday, 11 October - WG 2 Working Sessions

- 0800 - 0900 CD 11179-3 Editing Meeting continued
- 0900 - 1000 ISO/IEC 18022 IT-enablement of Coded Domains (32N0534)  
ISO/IEC 18038 Identification and Mapping of Various Categories of Jurisdictional Domains (32N535)  
Jake Knoppers presented an update of his work on ISO/IEC 18022 and 18038.
- 1000 - 1130 Discussion of possible OMG PAS submission of MOF and XMI.  
Mr. Hajime Horiuchi presented an informal proposal by OMG to submit MOF and XMI to SC32 for progression under PAS procedures. (32N0566)
- 1300 - 1400 Object extensions Study Area  
Mr. Hajime Horiuchi presented an update on the Object extensions study area.  
It was agreed to extend the study period until the SC32 meeting in October 2001.  
A proposed new work item (32N0587) will be circulated for review and comment.
- 1400-1700 CD 11179-3 Editing Meeting continued

Thursday, 12 October

- 0800 - 0900 CD 11179-3 Editing Meeting continued
- 0900 - 1030 WG2 Closing Plenary
4. WG 2 Technical Business (continued)
  - 4.2 Reviews of projects, priorities and target dates;  
See WG2 N302
  - 4.3 Work items on which no progress is being made  
See WG2 N304 and WG2 N306.
  - 4.4 Items for future work;
  - 4.5 Review of WG 2 Business Plan
  - 4.6 Review of Project Editor and liaison assignments  
See WG2 N303 and WG2 N305.
- 1030 – 1130 Discussion of JTC1 Direct Participation Proposals
- 1300 – 1400
5. Other
  - 5.1 Approval of resolutions  
See SC32 N552 (a.k.a. WG2 N301).
  - 5.2 Subsequent meeting requirements and scheduling  
The next Interim WG2 meeting is scheduled for April 2-6, 2001 in New York. Frank Farance to make arrangements.

The next WG2 meeting in conjunction with SC32 is scheduled for October 15 – 26, 2001 in Victoria, Canada.

- 5.3 Any other business
- 5.4 Close of WG2 Plenary Meeting

WG2 Editing Meetings continued.

1400 – 1500 CD 11179-3 Editing Meeting continued

1500 – 1600 PDTR 20943 Content Consistency TR Editing Meeting continued

**Final Attendance**  
**ISO/IEC JTC 1/SC 32/WG 02 Meeting**  
**2000.10.12**  
**Helsinki**

<u>JTC 1/SC 32/WG 02 Personnel</u> National Body	Convener, JTC 1/SC 32/WG 02 Organization/Company
<u>Australia</u>	Joe Christensen Don Bartley
<u>Canada</u>	Jean Berube Ray Gates Dr. Jake Knoppers
<u>China</u>	Prof. Dongyan Wang Zhiting Liu
<u>Japan</u>	Hajime Horiuchi Obayashi, Masaharu
<u>Korea. Republic of</u>	Lee, Eungrok Park, Sung-Gong Baik, Doo-Kwan
<u>United Kingdom</u>	Tim Bourne
<u>United States</u>	Dan Gillman Tommie Curtis Frank Farance Judith Newton Bruce Bargmeyer

**Liaison**

Liaison Body	Organization/Company
<u>ISO/TC154</u>	Vuilleumier, François