



1998-03-06

Number of pages: 8

ISO/TC 211
Geographic information/Geomatics

Title: Resolutions of the 6th Plenary Meeting of ISO/TC 211, Victoria, BC, Canada, 1998-03-05/06

Source: ISO/TC 211 Secretariat

Status: Resolutions

Required Action: For information

File name(s): 211n501E.doc, 211n501E.html, 211n501E.PDF

Distribution: P, O and L members
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**Resolutions of the 6th Plenary Meeting of ISO/TC 211
Victoria, B.C., Canada
1998-03-05/06**

Resolution 52 - Establishment of editing committees

ISO/TC 211 resolves to establish an editing management committee to process the resolution of the comments resulting from the review of the CDs and DIS's circulated to the members.

The editing management committee shall constitute the convenors of the working groups, chaired by the chairman of the TC, and supported by the secretary of the TC.

The editing management committee shall appoint editing committees for individual work items or groups of work items, using the resources provided by the convenors, project leaders and editors, or otherwise the working group members.

The editing committees shall hold at least one meeting to

- appoint an editor for each work item assigned by the editing management committee,
- resolve comments on the drafts from the members,
- report to the editing management committee:
 - ◆ concerning consistency with all other parts of 15046
 - ◆ concerning conformance to the Quality control guidelines and
 - ◆ recommend to the editing management committee on the advancement of drafts to the next stage.

Unanimous

Resolution 53 - Quality control guidelines

ISO/TC 211 resolves that the SWG-QC shall revise the Quality control guidelines to enable self assessment by the project teams and according to the received comments.

ISO/TC 211 instructs the secretariat to distribute the updated guidelines before the end of March 1998 for immediate implementation as stated in resolution 46.

In the meantime the existing guidelines shall be used and interpreted in the spirit of this resolution.

Unanimous

Resolution 54 - Cooperation with OGC

ISO/TC 211 supports the intentions of the draft resolutions in document N 503 and instructs the secretariat to consult with the ISO Central Secretariat on the proper method for ISO/TC 211 to process specifications developed by class A liaisons.

The result of this shall be presented in due time for decision at the next plenary in Beijing.

Unanimous

Resolution 55 - Conceptual schema language for specifying ISO 15046

ISO/TC 211 instructs the secretariat to carry out an immediate postal ballot on the following resolution:

ISO/TC211 shall use the *Unified Modelling Language* (UML) static structure diagram with the *ISO Interface Definition Language* (IDL) basic type definitions and the *UML Object Constraint Language* (OCL) as the conceptual schema language for specification of the normative parts of ISO 15046. This requirement shall be implemented prior to submission of the parts for CD and DIS.

Justification:

The reason for this decision is that the goal of ISO/TC 211 is to create a framework to enable syntactic interoperability and to support semantic interoperability, while supporting multiple interchange formats and multiple service implementations. UML is selected as the conceptual schema language for producing specifications that can support the creation of such a framework.

ISO/TC 211 resolves to replace the use of OMT by UML for the graphical presentation of conceptual schemas immediately. However, this change shall not be required for the CDs due in March 1998 if this will delay their submission.

Unanimous

Resolution 56 - Progress on WIs Spatial schema and Spatial operators

ISO/TC 211 intends to merge work item 15046-20 Spatial operators into 15046-7 Spatial schema, and instructs the secretariat to consult the ISO Central Secretariat on the formal procedure to be adopted.

Abstention: Sweden

Approved

Resolution 57 - Harmonization on spatial schema and operators

ISO/TC 211 resolves to submit document ISO/TC 211 N 504 Comments and proposals on harmonization of TC 211, SQL/MM and OGC spatial schemas and operators, as a liaison contribution to ISO/IEC JTC 1/SC 32 and also invites its individual member bodies to submit this document to their appropriate ISO/IEC JTC 1/SC 32 secretariat, for their consideration in commenting on the current SQL/MM Part 3 Spatial FCD. (The ballot period ends March 18 1998.)

ISO/TC 211 encourages further harmonization between the three groups.

Unanimous

Resolution 58 - NP 16569 Geographic information - Imagery and gridded data

ISO/TC 211 assigns the new work item NP 16569 to Working group 1, and welcomes Dr. Kian Fadaie as the project leader.

Unanimous

Resolution 59 - Terminology

ISO/TC 211 regrets and respects the decision of Sweden to withdraw from the project leadership of 15046-4 Terminology, and thanks Swedish Standards Institution and their representatives for their excellent work.

ISO/TC 211 instructs the secretariat to send out a call for a new project leader.

Unanimous

Resolution 60 - Draft new work item proposal on qualification and certification of personnel

ISO/TC 211 invites the National body of Canada to further develop its new work item proposal with relevant international bodies, and if appropriate submit a revised proposal. ISO/TC 211 encourages the National Body of Canada to arrange an international consultation meeting at an appropriate venue, which should be open to ISO/TC 211 members as well as the international bodies.

ISO/TC 211 invites members to submit comments to the National Body of Canada on document ISO/TC 211 N 502 by May 15 1998.

Unanimous

Resolution 61 - Liaison request from CEO, Centre for Earth Observation

ISO/TC 211 welcomes the request for class A liaison from CEO, and instructs the secretariat to advise the ISO Central Secretariat to accept the application.

Unanimous

Resolution 62 - Establishment of liaison with ISO/IEC JTC 1/SC 2

ISO/TC 211 instructs its secretariat to establish a liaison with ISO/IEC JTC 1/SC 2 - Coded Character Sets.

ISO/TC 211 appoints Mr. Yves Luc Hudon as its liaison representative.

Unanimous

Resolution 63 - Withdrawal of ballot on project 15046-1

ISO/TC 211 instructs the secretariat to send out a document withdrawing the ballot, changing the required action on document ISO/TC 211 N 455 to comments only.

Unanimous

Resolution 64 - Adjustments of the ISO/TC 211 Programme of work

ISO/TC 211 adopts the following changes to the programme of work, and instructs the secretariat to distribute an updated version.

15046-7

Title: Geographic information – Part 7: Spatial schema

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-10 | 98-09 | 99-03 | 99-09 | 99-12 |

15046-8

Title: Geographic information – Part 8: Temporal schema

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-03 | 98-08 | 99-02 | 99-08 | 99-11 |

15046-9

Title: Geographic information – Part 9: Rules for application schema

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-09 | 98-08 | 99-02 | 99-08 | 99-11 |

15046-11

Title: Geographic information – Part 11: Spatial referencing by coordinates

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 97-10 | 98-06 | 98-12 | 99-06 | 99-09 |

15046-12

Title: Geographic information – Part 12: Spatial referencing by geographic identifiers

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-03 | 98-03 | 98-09 | 99-03 | 99-06 |

15046-13

Title: Geographic information – Part 13: Quality principles

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-03 | 98-03 | 98-09 | 99-03 | 99-06 |

15046-14

Title: Geographic information – Part 14: Quality evaluation procedures

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-09 | 98-09 | 99-03 | 99-09 | 99-12 |

15046-15

Title: Geographic information – Part 15: Metadata

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-03 | 98-04 | 98-10 | 99-04 | 99-07 |

15046-16

Title: Geographic information – Part 16: Positioning services

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 97-09 | 98-09 | 99-03 | 99-09 | 99-12 |

15046-18

Title: Geographic information – Part 18: Encoding

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-09 | 98-12 | 99-06 | 99-12 | 00-03 |

15046-19

Title: Geographic information – Part 19: Services

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-09 | 98-10 | 99-04 | 99-10 | 00-01 |

15046-20

Title: Geographic information – Part 20: Spatial operators

Target dates:

| | | | | |
|-------|-------|-------|-------|-------|
| WD | CD | DIS | FDIS | IS |
| 96-09 | 98-09 | 99-03 | 99-09 | 99-12 |

Unanimous

Resolution 65 - Requirements concerning subsequent meetings

ISO/TC 211 adopts the following meeting schedule:

| | | |
|-------------|---------------|--------------------|
| 7th plenary | 1998-09-24/25 | Beijing, China |
| 8th plenary | 1999-03-04/05 | Vienna, Austria |
| 9th plenary | 1999-09-29/30 | Joyo /Kyoto, Japan |

All WGs have decided to have meetings in connection with the plenary meeting in China, and provisions for WG meetings are also made in Austria and Japan.

Unanimous

Resolution 66 - External meetings

ISO/TC 211 asks Professor Tschangho Kim and Ms. Kara Kelly to represent ISO/TC 211 at the ISO/TC 204 meeting in Toronto, Canada, 1998-05-01

ISO/TC 211 asks Mr. Henry Tom to represent ISO/TC 211 at the UN Regional Cartographic Conference in Mexico March 25/27 1998.

Unanimous

Appreciations

ISO/TC 211 expresses its appreciation to the Standards Council of Canada (SCC) and the Inter-Agency Committee on Geomatics for hosting the working groups and plenary meetings, and a special thanks to

Mr. David McKellar, Mr. Tim Evangelatos, and Ms. Marion Fuller for their excellent preparations for the meetings.

ISO/TC 211 thanks Mr. Mark Corey, chair of Inter-Agency Committee on Geomatics for his welcome address to the committee.

ISO/TC 211 expresses its appreciation to RadarSat for the excellent reception on Monday night.

ISO/TC 211 expresses its appreciation to the sponsors who made the meetings possible:

Canadian Hydrographic Service
Canadian Institute of Geomatics
CGSB ONGC
Data Warehouse Technologies
Defence Geomatics
Inter-Agency Committee on Geomatics
L. A. S. Inc.
MacDonald Dettwiler
Natural Resources Canada, Geomatics Canada
Navigation Technologies Canada, Inc.
Pacific International Mapping
RadarSat International

ISO/TC 211 expresses its pleasure to the hosts for arranging the excellent dinner and entertainment on Thursday evening

ISO/TC 211 finally expresses its appreciation to Mr. Gabe Batstone, Mr. Nick Baldwin, Ms. Linda Baldwin, Ms. Nancy Evangelatos as well as volunteers from the Canadian delegation for their helpful and kind assistance during the meeting.

Acclamation