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## ISO/TC 211 Geographic information/Geomatics

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**Resolutions of the 7th Plenary Meeting of ISO/TC 211  
Beijing, Peoples' Republic of China  
1998-09-24/25**

**Resolution 69 - Conformance clause**

The placement of a detailed conformance clause as Clause 2 in each part of ISO 15046 interrupts the flow and understanding of the document by introducing extensive terminology and references to components of the document before the reader has encountered them. The ISO Directives do not mandate the placing of the Conformance Clause as the second clause.

Therefore, ISO/TC 211 resolves that a single concise conformance statement be placed always as Clause 2 which references to a normative annex (if required) containing the abstract test suite and detailed requirements.

*Unanimous*

**Resolution 70 - Liaison statement to ISO/IEC JTC 1/SC 32 SQL-MM**

ISO/TC 211 welcomes the progress made at the ISO/IEC JTC 1/SC 32/WG 3 SQL-MM, OGC and ISO/TC 211/WG 2 harmonization meeting in Herndon, USA and at the SQL-MM editing meetings in Australia.

ISO/TC 211 asks Working Group 2 to prepare a liaison report resulting from the review of the progress of SQL-MM: Part 3 Spatial, and forward this to the ISO/TC 211 secretariat for submission to ISO/IEC JTC 1/SC 32/WG 3 by 1998-10-15.

ISO/TC 211 asks Working Group 3 to contribute to the above report concerning the list of geodetic reference systems and parameters by 1998-10-15.

*Unanimous*

**Resolution 71 - Co-operative agreement between ISO/TC 211 and the Open GIS Consortium, Inc.**

ISO/TC 211 instructs the secretariat to send out a call for comments on document N 570 by 1998-12-01.

ISO/TC 211 instructs the chairman in cooperation with interested members, the OGC and the ISO Central Secretariat to finalize the agreement for ballot by 1998-12-31.

*Unanimous*

**Resolution 72 - Liaison with ISO/TC 204**

ISO/TC 211 recognizes the existing and past co-operation with ISO/TC 204 and regrets the ISO/TC 204/WG 3 statement given in their liaison report to the TC 211 plenary, document ISO/TC 211 N 586.

ISO/TC 211 recognizes the need for ISO/TC 204 to advance their work to meet urgent internal requirements.

ISO/TC 211 believes there is a strong business case for ensuring technical harmonization between ISO/TC 204/WG 3 and ISO/TC 211, and that it is essential to maintain a high level two-way liaison between both TCs and appreciates the continuance of liaison representatives.

ISO/TC 211 extends and welcomes the opportunity for future harmonization with ISO/TC 204 at a mutually agreeable date.

ISO/TC 211 encourages the members to strengthen the liaison at the national level and consider further actions that might be taken.

*Unanimous*

**Resolution 73 - Character sets**

ISO/TC 211 asks members to review the liaison report in document N 579 and the minutes from WG 4 work item 18, and submit comments to the secretariat within two months after the availability of the WG 4 work item 18 minutes. ISO/TC 211 encourages regional co-operation to provide examples for specific problems in time for the submission of CD 15046-18.

*Unanimous*

**Resolution 74 - Liaison request from the International Steering Committee for Global Mapping (ISCGM)**

ISO/TC 211 welcomes the request for class A liaison from the International Steering Committee for Global Mapping (ISCGM), and instructs the secretariat to advise the ISO Central Secretariat to accept the application.

ISO/TC 211 asks the Japanese member body to propose a liaison representative to ISCGM.

*Unanimous*

**Resolution 75 - Cancellation of work item 15046-20**

ISO/TC 211 resolves to cancel work item 15046-20 and merge its work into 15046-7 according to document N 548.

*Unanimous*

**Resolution 76 - Terms of reference for the editing committees**

ISO/TC 211 resolves that the terms of reference of the Editing Management Committee and Editing Committees shall be provisionally as in document N 587.

ISO/TC 211 instructs the secretariat to send out document N 587 for comments by 1998-12-01.

*Unanimous*

**Resolution 77 - ISO/TC 211 Quality Control Procedures**

A cohesive and consistent family of standards is vital for the success of the ISO 15046 standards. The existing quality control document is a very good basis for reaching this goal but there is no audit of compliance and in practice it is not being fully implemented. Consequently there is a real danger that the documents will be progressed without the goal of harmonization being reached.

ISO/TC 211 resolves that the following shall apply provisionally:

1. The ISO/TC 211 Special Working Group - Quality Control Guidelines will be fully implemented to ensure that all parts of ISO 15046 comply with the harmonization and quality objectives in this document.
2. Editing Committees appointed by the Editing Management Committee shall perform an audit of the Quality Control Check List prior to recommending the advancement of any part of ISO 15046. The actions of editing committees will include processing comments regarding harmonization with other parts of the standard.
3. Working Groups shall review committee documents and submit comments to each editing committee as necessary to ensure harmonization with their parts.
4. If necessary, each Editing Committee will initiate activity to resolve any issues *involving harmonization of the document with other parts of ISO 15046*. The actions that may be taken by the Editing Committee to resolve harmonization issues include, but are not limited to:
  - a) Progressing a document if harmonization issues are considered not to be critical.
  - b) Amending a document as required to resolve harmonization issues at the meeting.
  - c) Convening a continuation editing committee meeting with additional experts representing other parts of ISO 15046 or external organization in order to resolve outstanding harmonization issues.
5. The Special Working Group on Quality Control shall review the Quality Control Guidelines and update it and to include checks to remove unnecessary duplication and ensure consistent cross-referencing within ISO 15046.
6. The Quality Control Guidelines shall include an updated dependency matrix at a subclause level.

*Unanimous*

**Resolution 78 - Harmonization between ISO/TC 184/SC 4 and ISO/TC 211**

ISO/TC 211 welcomes the proposed suggestions for harmonization in the liaison report from ISO/TC 184/SC 4, document N 588, and encourages WG 2 to attend the meeting on geometry harmonization of 15046-7 and 10303-42 in the USA, 1999-02-01/05, called by ISO/TC 184/SC 4.

ISO/TC 211 instructs the secretariat to inform other relevant liaison organizations and committees about this meeting, and encourage them to attend.

*Unanimous*

**Resolution 79 - Harmonization with ISO/IEC JTC 1 standards and work items**

ISO/TC 211 instructs the secretariat to identify the ISO/IEC JTC 1 standards and work items that overlap the ISO/TC 211 scope, report to the TC on the status and future plans, and propose further actions at the TC plenary in Vienna.

This includes consultation with ISO/IEC JTC 1/SC 24 and DGIWG with regard to document N 576.

*Unanimous*

**Resolution 80 - Adjustment of target dates of the ISO/TC 211 programme of work**

<b>Project no</b>	<b>WD</b>	<b>CD</b>	<b>2. CD</b>	<b>DIS</b>	<b>FDIS</b>	<b>IS</b>
15046-1	<b>96-03</b>	<b>98-01</b>	98-12	99-06	99-12	2000-03
15046-2	<b>96-09</b>	<b>98-07</b> (98-03)	99-01	99-07	2000-01	2000-04
15046-3	<b>96-01</b>	98-11	99-05			TS 99-09
15046-4	<b>96-09</b>	99-12		2000-05	2000-11	2001-02
15046-5	<b>96-09</b>	<b>98-04</b> (98-03)	98-11	99-05	99-11	2000-04
15046-6	<b>96-09</b>	98-12	99-06	99-12	2000-06	2000-09
15046-7	<b>96-10</b>	98-12	99-06	99-12	2000-06	2000-09
15046-8	<b>96-03</b>	98-10	99-04	99-10	2000-04	2000-07
15046-9	<b>96-09</b>	98-11	99-05	99-11	2000-05	2000-08
15046-10	<b>96-09</b>	<b>98-04</b> (98-03)	98-11	99-05	99-11	2000-04
15046-11	<b>97-12</b>	98-10	99-04	99-10	2000-04	2000-07
15046-12	<b>96-03</b>	<b>98-05</b> (98-03)	99-01	99-07	2000-01	2000-04
15046-13	<b>96-03</b>	<b>98-04</b> (98-03)	98-11	99-05	99-11	2000-04
15046-14	<b>96-09</b>	98-10	99-04	99-10	2000-04	2000-07
15046-15	<b>96-03</b>	<b>98-07</b> (98-04)	99-02	99-08	2000-02	2000-05
15046-16	<b>97-09</b>	98-12	99-06	99-12	2000-06	2000-09
15046-17	<b>96-09</b>	<b>98-05</b> (98-03)	98-12	99-06	99-12	2000-03
15046-18	<b>96-09</b>	98-12	99-06	99-12	2000-06	2000-09
15046-19	<b>96-09</b>	99-03	99-09	2000-03	2000-09	2000-12
15854		<b>PDTR 98-07</b>				TR 99-01
16569		PDTR 98-11				TR 99-04

*Unanimous*

**Resolution 81 - New work item proposals**

ISO/TC 211 encourages the Working Groups to progress their work to develop a new work item proposal for

- a new preliminary work item on imagery and gridded data after the submission for ballot of the type 3 technical report 16569, taking into account the proposal of Coverages by WG 2 (WG 1)
- Coverages taking into account work item 16569 (WG 2)
- ISO TS on Geodetic codes and parameters (WG 3)
- Coordinate transformation services, taking into account 15046-7 and 15046-11, Catalogue services (WG 4)
- an amendment to 15854 (WG 5)

*Unanimous*

**Resolution 82 - Distribution of documents prior to meetings**

ISO/TC 211 instructs the secretariat to distribute documents that requires national consideration at the latest one month before the meetings. Each delegate shall bring the paper copies they require to the meetings.

ISO/TC 211 likewise instructs the convenors to distribute WG documents in due time before their meetings and the experts to bring the paper copies they require to the meetings. Copying will only be available for documents issued during the meetings. ISO/TC 211 reminds Working Groups that their reports to TC should be based on agreed resolutions within the working groups.

*Unanimous*

**Resolution 83 - Requirements concerning subsequent meetings**

ISO/TC 211 adopts the following meeting schedule:

8th plenary	1999-03-04/05	Vienna, Austria
9th plenary	1999-09-29/30	Kyoto, Japan
10th plenary	2000-03-09/10	South Africa - to be confirmed
11th plenary	2000-09-28/29	USA - to be confirmed

Provisions for WG meetings are made in Austria and Japan.

*Unanimous*

**Appreciations**

ISO/TC 211 expresses its appreciation to the China State Bureau of Quality & Technical Supervision (CSBTS) and the State Bureau of Surveying & Mapping for hosting the working groups and plenary meetings, and a special thanks to Professor Yang Kai, Mr. Bai Bo and the local organizing committee for their excellent preparations for the meetings.

ISO/TC 211 thanks Mr. Jin Xiangwen, Director General and Mr. Wang Chunfeng, Deputy Director General of the State Bureau of Surveying & Mapping, and Mr. Su Xhongmin, Director Assistant of CSMTS for their welcome address to the committee.

ISO/TC 211 expresses its appreciation to the State Bureau of Surveying & Mapping for the excellent reception on Monday night, and for providing the delegates with lunch every day.

ISO/TC 211 expresses its pleasure to the hosts for arranging the excellent dinner at the Beijing Duck restaurant on Thursday evening.

ISO/TC 211 expresses its appreciation to Mr. Bai Bo, Mr. Wang Qian, Mr. Zhang Weiping, Mr. Fan Jingsheng, Mr. Sun Baowu, Mr. Yang Heping, Ms. Zhang Pengpeng, Ms. Xu Hui, Ms. Jin Wenhong, Ms. Jiang Xiashong, Mr. Liu Xianhua and Mr. He Xinjian for their helpful and kind assistance during the meeting.

ISO/TC 211 expresses its appreciation to the hosts for arranging technical excursions and sightseeing, for the delegates as well as for the accompanying persons. ISO/TC 211 finally expresses its appreciation to Ms. Xu Hui, Mr. Wang Qian and Mr. Fan Jingsheng for accompanying the visitors on excursions.

*Acclamation*