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Geographic information/Geomatics

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Chairman
WG Convenors
Mr. Keith Brannon, ISO CS

ISO/TC 211 Secretariat

Norwegian Technology Centre

Oscars gate 20
P.O. Box 7072 Majorstua
NO-0306 Oslo, Norway

Telephone: + 47 22 59 01 16
Telefax: + 47 22 59 01 29

E-mail: bjs@nts.no

URL: <http://www.statkart.no/isotc211/>

Resolutions of the 11th plenary meeting of ISO/TC 211 Reston, Virginia, USA, 2000-09-07/08

Resolution 141 Liaison request from the Joint Research Centre (JRC) of the European Union

ISO/TC 211 welcomes the request from the Joint Research Centre of the European Union to transfer the present liaison with the Centre for Earth Observation, which is now being closed down, to JRC (document N 965). ISO/TC 211 instructs the secretariat to ask the ISO Central Secretariat to establish the new liaison with JRC.

Unanimous

Resolution 142 Location based services

ISO/TC 211 resolves to establish an Advisory Group for Location Based Services under the chairmanship of Mr. John Rowley. This group will be open to all members of ISO/TC 211 and shall seek liaison nominations from other standards authorities, for example, members of the Joint Steering Group for Spatial Standardization and Related Interoperability. The Advisory Group shall evaluate the adequacy of standards being developed in ISO/TC 211 and other existing international standards as a source of requirements and readily available solutions.

- ISO/TC 211 instructs the secretariat to send out a call for nominations from the bodies mentioned above. The nominations shall be made within 6 weeks from the call notice.
- ISO/TC 211 instructs the Advisory Group to prepare a NWI proposing a Stage 0 Review Summary as soon as possible.
- ISO/TC 211 authorizes the Advisory Group to begin work in advance of the acceptance of the NWI.

The group shall have the option to present required draft NWIs to the 12th plenary.

Unanimous

Resolution 143 Registration of ISO CD 19110, Geographic information – Feature cataloguing methodology as DIS

ISO/TC 211 instructs the secretariat to amend CD 19110 (document N 938) in cooperation with the chairman and the editor of the editing committee, the chairman of the Model Harmonization Team and the editor of the CD 19109 editing committee according to the following:

- Annex B (normative) in ISO CD 19110 will include General Feature Model (GFM) from ISO CD 19109, Rules for application schema.
- Annex B will include mapping of concepts in ISO CD 19110 to classes in GFM, with explanations of the differences.
- Additions will be made to the GFM to document requirements for feature catalogues, with possible recommended improvements to future editions of GFM in ISO 19109.
- Table B.1 and Figure B.1 shall be consistent.
- Add "inverse relationship" to example catalogue (Annex D.2) to be consistent with Table B.1.
- Change domain in Table B.1, element 34, from "IDL basic data types" to "free text".

- Extend "feature catalogue" section of Table B.1 to allow references to external sources for (a) definitions of attribute values, (b) codes for features, attributes, attribute values, and relationships, and (c) data types for attribute values.
- Make other editorial changes as required.

ISO/TC 211 further instructs the secretariat to forward the amended document to the ISO Central Secretariat for publication as DIS.

Unanimous

Resolution 144 Registration of ISO CD 19125-1 Geographic information – Simple feature access – Part 1: Common architecture and ISO CD 19125-2 Geographic information – Simple feature access – Part 2: SQL option as DIS

ISO/TC 211 agrees to separation of CD 19125-1 (document N 932) into two parts as presented in document N 968.

ISO/TC 211 instructs the secretariat to:

1. make necessary editorial amendments of the drafts
 - ISO CD 19125-1, Geographic information – Simple feature access – Part 1: Common architecture (document N 969)
 - ISO CD 19125-2, Geographic information – Simple feature access – Part 2: SQL option (document N 970)
2. forward CD 19125-1 and CD 19125-2 to the ISO Central Secretariat for registration and publication as DIS.

Abstention: Switzerland

Approved

Resolution 145 Registration of ISO CD 19108, Geographic information – Temporal schema as DIS

ISO/TC 211 instructs the secretariat to make the necessary editorial corrections to the present CD 19108, document N 936, and forward the document to the ISO Central Secretariat for publication as DIS.

Unanimous

Resolution 146 Registration of ISO CD 19113, Geographic information – Quality principles as DIS

ISO/TC 211 instructs the secretariat to amend ISO CD 19113 (document N 919) in cooperation with the chairman and the editor of the editing committee, according to the following:

- Replace 4.3 Conformance quality level definition by the definition given in ISO CD 19114;
- Harmonize the use of the term "data quality evaluation procedure" with ISO CD 19114;
- Modify 6.1.5.3 Data quality evaluation procedures to include reporting quality information as one part of the quality evaluation procedure;
- Make other editorial changes as required.

ISO/TC 211 further instructs the secretariat to forward the amended document to the ISO Central Secretariat for publication as DIS.

Against: Sweden

Abstains: Switzerland

Approved

Resolution 147 Registration of ISO CD 19111, Geographic information – Spatial referencing by coordinates as DIS

ISO/TC 211 instructs the secretariat to amend CD 19111 (document N 934) in cooperation with the chairman and the editor of the editing committee, according to the following:

- Revise definitions for ‘geodetic datum’, ‘Greenwich meridian’, ‘mean sea level’;
- Preface terms ‘conversion’, ‘operation’ and ‘transformation’ by ‘coordinate’;
- Remove inconsistency in requirements of a geodetic datum;
- Correct figures 1 and 2;
- Add reference for basic UML datatypes;
- Change the example in Annex E.4;
- Make other editorial changes as required.

ISO/TC 211 further instructs the secretariat to forward the amended document to the ISO Central Secretariat for publication as DIS.

Unanimous

Resolution 148 Delegation to the meeting of the Joint steering group for spatial standardization and related interoperability in Reston, 2000-09-11/12

ISO/TC 211 appoints the following delegation to represent ISO/TC 211 at the Joint Steering Group for Spatial Standardization and Related Interoperability which will be held in Reston, 2000-09-11/12:

Mr. Søren Alexandersen
 Mr. Antony Cooper,
 Mr. C. Douglas O'Brien
 Dr. Charles Roswell
 Mr. John Rowley
 Mr. Henry Tom

Unanimous

Resolution 149 Link on the ISO Central Secretariat WEB pages to ISO/TC 211

ISO/TC 211 instructs the secretariat to contact the ISO Central Secretariat to make sure that link to the ISO/TC 211 Web pages is included in the information about ISO/TC 211 on the ISO Web pages.

Unanimous

Resolution 150 ISO/TC 211 Business Plan

ISO/TC 211 instructs the secretariat to make the necessary editorial corrections and updates to the proposed ISO/TC 211 Business Plan (document N 966) and forward it to ISO for approval.

Unanimous

Resolution 151 Proposal for a registry

In response to resolutions 133 and 134 at the Cape Town plenary, a successful workshop on registry was held in Reston on Wednesday, September 6. The workshop had many good contributions from other organizations with practical advice and experience for how to proceed for ISO/TC 211. ISO/TC 211 wishes to express its thanks to those organizations, and to Mr. Yves Hudon and the rest of his group for preparing the workshop.

ISO/TC 211 establishes an Advisory Group for Registry to work until the next plenary. Based upon the results of the workshop, the group shall prepare a concrete proposal on the establishment and use of a registry for the requirements of ISO/TC 211. The proposal shall include the practical arrangement and procedures for the registry, and – as far as a possible – a practical pilot demonstration of an internet based tool for the registry. The proposal shall be circulated at least one month before the next plenary in Lisbon, and shall be presented at the plenary.

The group shall consist of Mr. Yves Hudon, Mr. Erhard Pross, Mr. David Danko, Mr. Parry Wiseman, Mr. Cliff Kottman, Mr. Abdullah Al-Shahrani, Mr. Douglas O'Brien and Mr. Herman Dohmann and shall operate in close contact with the secretariat.

ISO/TC 211 accepts Mr. Yves Hudon's offers to coordinate the work.

Unanimous

Resolution 152 Proposed resolutions of the Editing Committee (EC) on 19104: Terminology

1. In accordance with the Cape Town resolution the Editing Committee shall submit the ISO CD 19104 for DIS ballot to the ISO/TC 211 Secretariat. Target date 2000/11.
2. An on-line database of terms shall be made available as soon as possible to National Bodies for comments, except on the terms, in time for discussion at the 12th ISO/TC 211 plenary. Initially this database shall contain terms included in at least ISO projects 19101 - 19119. It is intended to keep this database updated as and when necessary with terms, definitions and abbreviations arising from all documents published by ISO/TC 211.
3. ISO CD 19104 shall be issued without the existing Clauses 7, 8 and Annex B relating to specific terms as these will be maintained in the on-line database. An annex shall be provided for the purpose of prescribing the maintenance of the database.
4. A special group shall be established to prepare the work of terminology maintenance during the 19104 DIS process and to discuss the comments received on the database.
5. The group shall consist of Martin Ford as chairman, together with current editing committee.

Unanimous

Resolution 153 Convenor of Working Group 2

ISO/TC 211 welcomes and accepts the nomination from South Africa of Mr. Antony Cooper as new convenor of Working Group 2.

Unanimous

Resolution 154 Convenor of Working Group 3

ISO/TC 211 welcomes and accepts the nomination from the United Kingdom of Dr. Robert Walker as convenor of Working Group 3.

Unanimous

Resolution 155 New work items

ISO/TC 211 resolves that, in the event that a new work item proposal has not been reviewed widely within ISO/TC 211 during its development, it shall be distributed to P-members, O-members, and Category-A liaison organizations for review and comment prior to formal balloting. Upon receiving the comments, the Secretariat may, at its discretion, ask the proposer to modify the proposal based on the comments prior to circulation for ballot.

Unanimous

Resolution 156 Liaison representatives to ISO/IEC JTC 1/SC 24

ISO/TC 211 accepts the nomination from the United States for Dr. Charles Roswell to replace Mr. Martin Ford as the liaison from ISO/TC 211 to ISO/IEC JTC 1/SC 24.

ISO/TC 211 expresses its appreciation to Mr. Martin Ford for his work on this liaison.

ISO/TC 211 expresses its appreciation to Ms. Laura Moore for her work on this liaison. Ms. Moore will now resign as representative from ISO/TC 211, as she is now appointed acting chair of ISO/IEC JTC 1/SC 24.

Unanimous

Resolution 157 Liaison representatives to ISO/IEC JTC 1/SC 35

ISO/TC 211 accepts the nomination from the United Kingdom for Mr. Martin Ford as an additional liaison from ISO/TC 211 to ISO/IEC JTC 1/SC 35.

Unanimous

Resolution 158 Liaison representatives to ISO/IEC JTC 1/SC 32

ISO/TC 211 accepts the nomination from Canada for Mr. Yves Hudon as an additional liaison from ISO/TC 211 to ISO/IEC JTC 1/SC 32.

Unanimous

Resolution 159 Presentations from member bodies

ISO/TC 211 thanks Germany for the presentation of the ALKIS-ATKIS modelling and Australia for their contribution at the Model Harmonization Team meeting; Japan for their presentation to the Advisory Group on strategic directions; Switzerland for their entertaining presentation of their practical implementations at a separate workshop; and Belgium for their presentation in the plenary.

ISO/TC 211 appreciates the presentation from ESRI and IONIC on the implementation of simple feature access and web map server interface.

ISO/TC 211 appreciates these demonstrations of the implementation of these developing standards.

Unanimous

Resolution 160 Workshop on standards in action

ISO/TC 211 resolves to arrange a workshop on standards implementation experiences. The workshop will be arranged on Wednesday 7 March 2001, prior to the plenary in Lisbon.

ISO/TC 211 invites the national bodies of Australia, Belgium, Canada, Germany, Russia, Switzerland, USA, and other member bodies to prepare presentations and to assess the applicability of standard testbeds at the workshop in Lisbon.

The preparations for the workshop will be coordinated by the chairman of ISO/TC 211.

Members who want to give presentations shall notify the secretariat no later than 2000-12-31, and provide an outline of their presentations and additional requirements.

Unanimous

Resolution 161 Adjustment of target dates of the ISO/TC 211 programme of work

Bold = Delivered documents

Project no	WD	CD	2. CD	3. CD	DIS	FDIS	IS
19101	96-03	98-01	1998-12		2000-09	2001-03	2001-06
19102	96-09	98-07	1999-04		2001-09	2002-05	2002-07
19103	96-01	1999-07	2000-				2001-09
19104	96-09	1999-05	1999-11		2000-11	2001-05	2001-07
19105	96-09	98-04	1998-10		1999-08	2000-08	2000-11
19106	96-09	1999-11	2000-11		2001-06	2001-11	2002-01
19107	96-10	99-01	1999-11	2000-05	2000-11	2001-04	2001-06
19108	96-03	98-11	1999-11		2000-09	2001-02	2001-04
19109	96-09	98-12	2000-05	2000-11	2001-07	2001-09	2001-11
19110	96-09	98-04	1998-11		2000-11	2001-04	2001-06
19111	97-12	98-11	1999-11		2000-09	2001-02	2001-04
19112	96-03	98-05	1999-12		2000-11	2001-04	2001-06
19113	96-03	98-04	1998-11	1999-11	2000-09	2001-02	2001-04
19114	96-09	99-01	1999-11	2000-06	2000-12	2001-05	2001-07
19115	96-03	98-07	1999-11	2000-06	2000-11	2001-05	2001-07
19116	97-09	1999-11	2000-09		2001-04	2001-10	2001-12
19117	96-09	98-05	1999-06	1999-11	2000-09	2001-03	2001-05

Project no	WD	CD	2. CD	3. CD	DIS	FDIS	IS
19118	96-09	99-03	2000-05		2000-11	2001-05	2001-07
19119	96-09	2000-05	2000-11		2001-05	2001-11	2002-01
19120		PDTR 98-07	1999-04				TR2000-09
19121		PDTR 98-11	1999-06				TR 2000-09
19122		PDTR 2001-06	2001-09				TR 2001-12
19123	1999-04	2000-11	2001-05		2001-11	2002-05	2002-07
19124	Stage 0 RS* 2001-01						
19125-1		1999-11			2000-09	2001-03	2001-05
19125-2					2000-09	2001-03	2001-05
19126		2001-06			2001-12	2002-06	2002-08
19127		2001-04			2001-10	2002-04	2002-06

*RS=Review summary

Unanimous

Resolution 162 Invitation to SEDRIS to apply for liaison

ISO/TC 211 invites the SEDRIS organization to apply for liaison status with ISO/TC 211.

Unanimous

Resolution 163 Requirements concerning subsequent meetings

ISO/TC 211 adopts the following meeting schedule:

12th plenary	2001-03-08/09	Lisbon, Portugal
13th plenary	2001-10/11	TBD Possibly Australia
14th plenary	2002-03	TBD Possibly Thailand

Provisions are made for editing committee meetings and WG meetings in Portugal prior to the plenary.

Unanimous

Appreciations

ISO/TC 211 expresses its appreciation to the American National Standards Institute and the NCITS/L1 for hosting the project team, editing and plenary meetings, and providing the committee with excellent meeting facilities.

ISO/TC 211 expresses its appreciation to the US Bureau of the Census, FGDC, NASA, Inform Worldwide, Lockheed Martin, Global Science Technology, Oracle Corporation and NIMA for making the arrangement possible by their sponsoring.

ISO/TC 211 also expresses its appreciation to the hosts and sponsors for the excellent reception for the delegates and their accompanying persons on Monday evening, and to Mr. Jack Pellicci, Vice President of Oracle Corporation and Ms. Roberta Lenczowski, Deputy Director for Operations at NIMA, for their welcoming addresses to the delegates.

ISO/TC 211 expresses its appreciation to the host for arranging the excellent dinner and entertainment on Thursday evening.

ISO/TC 211 also expresses its gratitude to the chairman of NCITS/L1, Mr. Henry Tom and the members of NCITS/L1 who contributed to the arrangements; Mr. Norman Andersen, Mr. Fred. Broome, Mr. Rex Buckley, Mr. Dave Danko, Ms. Leslie Godwin, Dr. John Herring, Mr. Larry Hothem, Mr. Ben Kobler, Mr. George Percivall, Dr. Charles Roswell, Mr. Shawn Silkensen and Ms. Tracee Walker, for their support during the meetings, and Ms. Patricia Lespoir, Oracle Corporation, for her support services to the delegates during the meetings.

Acclamation