



ISO/TC 211 N 1314

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ISO/TC 211 Geographic information/Geomatics

Title: ISO/TC 211 Geographic information/Geomatics - Outreach survey of National Standards Bodies

Source: AG on outreach

Expected action: National members bodies are asked to return the completed survey to Mr. Chris Gower - chris.gower@baptie.com - as soon as possible, and no later than 2002-10-12.

Due date: 2002-10-12

Type of document: Survey

Hyperlink: <http://www.isotc211.org/opendoc/211n1314/>

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ISO/TC 211 Outreach Mission: Promote the awareness, adoption, and advocacy of ISO/TC 211 standards in user communities.

Introduction

ISO/TC 211 Geographic information/Geomatics has launched an outreach initiative in order to ensure that the full international benefit is realised from the enormous investment made in developing the 191** family of geographic information standards. There is a significant potential benefit to humanity across a wide spectrum of human endeavour from the ability to share geographic information that these standards can make possible.

The nations have invested considerable resources in this work. There are 29 participating nations and 27 observing nations contributing to the work of ISO/TC 211. There are 22 external liaisons including most international geographic organizations. The first plenary meeting of the committee took place in Norway in 1994. The 15th plenary is planned to take place in Korea in November 2002. 37 work items have been initiated of which 20 will be published before the end of 2002.

The outreach initiative can only fully succeed with active participation of each national body. Each nation will only benefit if their local geographic information community appreciate the potential of adopting these standards. The outreach initiative will include awareness, training and education activities. Collaboration and pooling of resources across the nations can magnify these results beyond that possible by most individual nations.

The purpose of this survey is to obtain feedback from the nations in order to direct the outreach activities to best effect. The questionnaire seeks to identify:

- The priorities for implementing ISO 191** standards
- Existing national plans and activities that support the outreach mission
- Requirements for launching activities which will support the mission
- Known requirements for each industry sector
- Requirements for new work items for standardization specifically related with geographic information.

It is intended that there will be a report produced giving the findings from this survey which will be made available as a ISO/TC 211 document in the usual way.

Please note we do not expect or require nations to put a great deal of effort into completing this questionnaire. We are seeking a relatively rapid response to determine any broad consensus among the nations, any existing activities that could be used as examples and any existing identified requirements for the ISO 191** series standards and associated outreach activity. We anticipate that the nations will be able to identify an individual or small group who are in a position to make a good response from their existing knowledge. If some answers are 'do not know' then that is a valid response.

Answers to this survey do not imply any commitment to use the ISO 191** standards or to participate in any ISO Outreach activity. This is simply an information gathering activity with the objective of being able to direct our resources to best effect.

Please note that the word 'resource(s)' is used to mean funding, technical expertise, services and whatever else that is needed to accomplish a task.

Any queries about this survey should be sent to chris.gower@baptie.com

Please return the completed survey to chris.gower@baptie.com by 12th October 2002.



ISO/TC 211 Outreach Terms of Reference:

The Advisory Group on Outreach has divided its workplan into the following categories. A range of activity is planned in each category; examples are shown in brackets:

- Create awareness (conference presentations, journal articles, etc)
- Enable education and training (workshops, case studies, etc)
- Facilitate adoption and implementation (Helpdesk, downloadable executables, etc)
- Capture user requirements and feedback (industry surveys, etc)
- Generate outreach resources
- Maintain the ISO/TC 211 Business Plan

National Outreach Contact

The ISO/TC 211 Advisory Group on Outreach requests each national standards body to appoint a national contact person as a channel of communication with us and who should be asked to complete this survey. Nations, who have nominated a member on the ISO/TC 211 Advisory Group on Outreach, may like to ask them to act as their contact point for outreach. Please see the ISO/TC 211 Outreach plan in document N 1296.

For information, the nominated experts on the ISO/TC 211 Advisory Group on Outreach are:

Morten Borrebaek - Norway
Kamonwan Chamlerwat - Thailand
David Danko - USA
Liping Di - USA
Elizabeth Gavin - South Africa
Chris Gower - UK
Iain Greenway - FIG
Larry Hothem - USA
Raisa Iakovleva - Russia
Gerhard Joos - Germany
Tschangho John Kim – Korea
Naoko Kinoshita - Japan
Hans Knoop - Co-Chair
Julie Maitra - USA
Kaew Nualchawee - Thailand
Shoji Okuyama - Japan
Olaf Ostensen - ISO/TC 211, Chair
George Percivall, USA
Richard Pascoe - New Zealand
Erhard Pross – Germany
Surachai Rattanasermpong - Thailand
Bjornhild Saeteroy - ISO/TC 211 Secretariat
Jessica Smith - Australia
Henry Tom - Co-Chair



National Standards Body Identity

Please complete the following:-

1	Nation	
2	National Standards Body name	
3	National Standards Body address	
4	Contact name	
5	Contact address if different from 3	
6	Contact telephone number	
7	Contact fax number	
8	Contact e-mail address	



1. Priorities for implementing ISO 191**

Please number the proposed 191** projects in sequence of general priority for your nation in descending numeric order of priority e.g. 1,2,3,4 etc. 1 being the highest priority. Please do not number more than three projects with the same priority. Please add any comments such as why certain projects are of a particular priority, or particular priorities for various industry/ user sectors. Please also indicate whether any national/ regional standards will undergo convergence with the ISO 191** series standards through harmonization and/or use of national profiles. You may want to visit the ISO/TC 211 web site in order to find out more about the work of the committee and these ISO projects – www.isotc211.org

If you find it too difficult to identify a priority order, then please identify any of the ISO projects which are known to relate to your national work in particular any national initiatives such as the development of a national spatial data infrastructure or contribution to similar regional or global initiatives.

Project	Status	Priority	Project	Status	Priority
19101 – Reference model	IS		19121 – Imagery and gridded data	TR	
19103 – Conceptual schema language	TS 9/2		19122 – Qualifications and certification of personnel	TR 2/3	
19104 – Terminology	IS 5/3		19123 – Schema for coverage geometry and functions	IS 8/3	
19105 – Conformance and testing	IS		19124 – Imagery and gridded data components	RS	
19106 – Profiles	IS 5/3		19125.1 – Simple feature access: Common architecture	IS 10/2	
19107 – Spatial schema	IS 11/2		19125.2 – Simple feature access: SQL Option	IS 10/2	
19108 – Temporal schema	IS 9/2		19125.3 – Simple feature access: COM/OLE option	IS 10/2	
19109 – Rules for applications schema	IS 12/2		19126 – Profile – FACC Data Dictionary	IS 2/4	
19110 – Methodology for feature cataloguing	IS 11/2		19127 – Geodetic codes and parameters	TS 4/3	
19111 – Spatial referencing by coordinates	IS 11/2		19128 – Web Map server interface	IS 10/3	
19112 – Spatial referencing by geographical identifiers	IS 11/2		19129 – Imagery, gridded and coverage data framework	TS 3/3	
19113 – Quality principles	IS 10/2		19130 – Sensor and data models for imagery and gridded data	IS 7/4	
19114 – Quality evaluation procedures	IS 11/2		19131 – Data product specifications	IS 10/4	
19115 – Metadata	IS 12/2		19132 – Location based services possible standards	RS 11/2	
19116 – Positioning services	IS 5/3		19133 – Location based services tracking and navigation	IS 10/3	
19117 – Portrayal	IS 1/3		19134 – Multimodal location based services for routing and navigation	IS 4/4	
19118 – Encoding	IS 5/3		19135 – Procedures for registration of geographical information items	IS 4/4	
19119 – Services	IS 12/2		19136 – Geography Markup Language	IS 8/4	
19120 – Functional standards	TR		19137 – Generally used profiles of the spatial schema and of similar important other schemas	IS 11/4	

N.B. 1. Full title of projects are prefixed with "Geographic information –".

2. See ISO/TC 211 web site for the status of each project.

3. The Status column gives document type and planned publication date (month/year – 5/3 = May 2003).

No date = already published.

IS – International Standard, TR – Technical Report, TS – Technical specification, RS Review Summary.

Comments:-



2. National Initiatives and Governmental Programmes

Please identify any national initiatives or governmental programmes such as e-government that are either making use of any ISO 191** standards or it would be appropriate to do so. Please explain how the standards are or could be used.

3. Existing outreach activity

Please check the 'yes' box against each outreach activity for which there has already been progress in your country. For each 'yes' please describe the activity and its success, and indicate whether there is material or expertise that could be made available for other nations. If appropriate please attach additional information.

Outreach Activity	Yes	Description
Create awareness	<input type="checkbox"/>	
Enable education and training	<input type="checkbox"/>	
Facilitate adoption and implementation	<input type="checkbox"/>	
Capture user requirements and feedback	<input type="checkbox"/>	
Generate outreach resources	<input type="checkbox"/>	

4. Planned outreach activity

Please check the 'yes' box against each outreach activity for which there are plans to progress in your country. For each 'yes' please describe the activity and indicate whether there is material or expertise that could be made available for other nations. If appropriate please attach additional information.

Outreach Activity	Yes	Description
Create awareness	<input type="checkbox"/>	
Enable education and training	<input type="checkbox"/>	
Facilitate adoption and implementation	<input type="checkbox"/>	
Capture user requirements and feedback	<input type="checkbox"/>	
Generate outreach resources	<input type="checkbox"/>	



5. National Requirements for Outreach Activities, Facilities and Materials

In order that the ISO/TC 211 Outreach Initiative can be focused to produce support for national bodies planning outreach activities, we need to know the national requirements for assistance. Please use the table below to describe how your national effort could be supported.

	National requirement
Posters	
Fact sheets	
Articles	
PowerPoint Presentations	
Case studies	
Help Desk	
Cookbook	
Downloadable executables	
Others	

6. Industry Sector Requirements

With regard to your answers to questions 4 and 5, please identify any industry sector requirement that you are aware of for prioritising these outreach activities:-

7. Requirements for New Work Items

Please identify any known national requirement for new ISO/TC 211 work items (including any national standards for geographic information which will not be fully replaced by the current ISO/TC 211 work programme). However please note that there will be a separate request for the identification of new work items associated with location based services and therefore these need not be included here.

8. Outreach skills

Please check the 'yes' box against each outreach activity for which your nation has skills that could be made available for this international effort. For each 'yes' please describe the skill and its availability.

Outreach Activity	Yes	Description
Create awareness	<input type="checkbox"/>	
Enable education and training	<input type="checkbox"/>	
Facilitate adoption and implementation	<input type="checkbox"/>	
Capture user requirements and feedback	<input type="checkbox"/>	
Generate outreach resources	<input type="checkbox"/>	



9. Other organizations

Please list any organization in your country who could be expected to participate in outreach activity. Please include contact information for each organization. For each organization please state the nature of the contribution that might be expected.

10. Outreach Ideas

Please explain any ideas that you may have for outreach activities that might be successful either within your country or on an international basis.

Thank you for completing this questionnaire. Please now return it to chris.gower@baptie.com
On or before 12th October 2002.