

20th CHRIS MEETING
Niterói, RJ, Brazil, 3-7 November 2008

Report to CHRIS-20 on the International Standards Organization Technical Committee 211 (ISO/TC211 - *Geographic information/Geomatics*)

Submitted by:	IHB, UKHO
Executive Summary:	This paper reports on the activities of the ISO/TC211 Committee since CHRIS 19
Related Documents:	S-100 IHO Standard for Hydrographic Information
Related Projects:	TSMAD S-100 and S-101 development activities

Introduction / Background

The scope of ISO/TC211 is the standardization in the field of digital geographic information. This work aims to establish a structured set of standards for information concerning objects or phenomena that are directly or indirectly associated with a location relative to the Earth.

These standards may specify, for geographic information, methods, tools and services for data management (including definition and description), acquiring, processing, analyzing, accessing, presenting and transferring such data in digital/electronic form between different users, systems and locations.

The work shall link to appropriate standards for information technology and data where possible, and provide a framework for the development of sector-specific applications using geographic data.

Analysis/Discussion

IHO members have participated in the development work of TC211 since its inception. This framework of interrelated documents and resources are intended to facilitate the development of sector specific standards. The IHO S-100 Standard for Hydrographic Information is based on the ISO/TC211 standards.

Attendees to TC211 Plenary and Working Group Meetings

Tony Pharaoh (IHB), Barrie Greenslade (UKHO) Holger Bothien (7Cs)

Meetings Held During Reporting Period

ISO/TC 211 26th Plenary and Working Group Meeting 2008-05-29/30 Copenhagen, Denmark
ISO/TC 211 25th Plenary and Working Group Meeting 2007-11-01/02 Xi'an, China
ISO/TC 211 19117 (Geographic Information Portrayal) 2008-02-11 to13 Chantilly, USA
ISO/TC 211 19117 (Geographic Information Portrayal) 2008-07-14 to18 Rome, USA

Approval of liaisons

ISO/TC211 has 31 participating (P) members, 30 observing members and 30 liaisons members, of which the IHO is one. Liaison membership with the following organizations was approved during the reporting period;

- EuroGeographics
- ISO/IEC JTC 1/SC 36
- ISO/TC 241
- European Space Agency (ESA)

Registration of new projects

The following projects were approved during the reporting period:

- 19152 Geographic information - Land Administration Domain Model (LADM)
- 19125-1 Geographic information - Simple feature access - Part 1: Common architecture
- 19125-2 Geographic information - Simple feature access - Part 2: SQL Option
- 19153 Geospatial Digital Rights Management
- 19130 Geographic information - Imagery sensor models for geopositioning
- 19131:2007 Geographic information - Data product specification, Amendment 1
- ISO 19151 Dynamic Position Identification Scheme for Ubiquitous Space (u Position)
- Revision of ISO 19113 Geographic information – Quality Principles
- ISO 19148 Geographic information — Location-Based Services – Linear Referencing
- Revision of ISO/TS 19103 Geographic information — Conceptual Schema Language
- The establishment of a control body for the ISO geodetic registry network the control body for the ISO geodetic registry network

In addition to the plenary meetings, IHO members participated in the following work items;

- 19117 Geographic information – Portrayal
- 19126 Geographic information - Feature concept dictionaries and registers
- 19110 Geographic information – Feature Catalogues

Action Required of CHRIS

This paper is for information only. The CHRIS 20 is invited to note the above report.