Chairman’s corner

2014 is a plenary meeting year in TC 59. I look forward to gathering as many of the TC 59 family as possible, not only to achieve great progress in our production of standards, but also to interact across committee borders. I am also very excited that buildingSMART International and the Open Geospatial Consortium will have meetings at the same convention centre during the same time. This gives us a unique opportunity to expand our horizons and benefit from each other’s experiences.

Kind regards, Per Jæger
Photo: Johnny Syversen

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**TC 59 Plenary meeting week in Toronto, Canada, Oct–Nov 2014**

TC 59 has its plenary meeting every two years, and so in 2014 we gather our troops for another plenary meeting week.

This year, our destination is Toronto, Canada, where we have scheduled more than 30 meetings in total in the time from 26 October to 1 November. Seven of our eight subcommittees and over 20 of our working groups will meet, so it goes without saying that this will be a big event. In addition, we will join forces with the Open Geospatial Consortium (OGC) and buildingSMART International (bSI) for an Industry Day. This day will also be open to representatives from the Canadian authorities, business and industry. Our host is the Standards Council of Canada (SCC).

The TC 59 secretariat will set up a plenary meeting website which will provide relevant meeting information (e.g. accommodation, transportation, meeting programme, etc.) and where all participants will be asked to register. More information will follow once the website is up and running.

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**Revision of ISO 29481-1 Information Delivery Manual**

The members of the working group WG 8 “Building information models – Information delivery manual”, a working group under SC 13, are pleased to have released a Committee Draft of a revised standard for the Information Delivery Manual. It was decided at the SC 13 plenary meeting in Singapore in 2011 to update ISO 29481-1, since some of the concepts in the standard overlapped with a more technical specification of the delivery called Model View Definitions. Another reason to update ISO 29481-1 was to make it independent of ISO 16739 Industry Foundation Classes (IFCs) for data sharing in the construction and facility management industries. It will still be fully valid to use Information Delivery Manuals in combination with Industry Foundation Classes, but it should also be possible to use it in relation to, e.g., different XML schemas.

The revision of the standard has, for different reasons, made slower progress than expected. At the working group meeting in Munich in 2013, Sebastian Goitowski from the Federal Office for Building and Regional Planning in Germany and Jim Plume from the University of New South Wales in Australia joined the working group. After the working group meeting in Munich, progress has increased significantly due to the new members in the working group, and since problems with copyright have been solved and the distinction between Information Delivery Manuals and the Model View Definition has matured.

At the working group meeting in Stockholm in March 2014, where representatives from Australia, Denmark, Japan, Korea, Netherlands and Norway were present, it was decided to release a Committee Draft version as agreed with the secretary at Standards Norway. The proposed changes are in accordance with the views of buildingSMART International, which has been invited to comment on the Committee Draft version of ISO 29481-1. The CD ballot closes on 1 June 2014.

Henk Schaap is the convener of the working group and Jan Karlshøj is the project manager for the revision of ISO 29481-1.

Photo from Stockholm and text by Jan Karlshøj, Project Manager in ISO/TC 59/SC 13/WG 8 (jan.karlshoej@gravicon.dk)
Our subcommittees
In the newsletters to come, we will give you short presentations of all the ISO/TC 59 subcommittees. This time, we look to SC 16.

SC 16 Accessibility and usability in the built environment
Chair: Nieves Peinado Margalef
Vice-Chair: Gildo M. Santos
Secretary: Fernando Machicado (AENOR)

The number of old people is increasing as well as their proportion of the population. The number of road-casualties in all age groups is also increasing and so is the number of people with special access needs. In other words, accessibility and usability sooner or later concerns everyone.

In the planning, design and construction of the built environment (including urbanism), the provision of a sufficient degree of accessibility and usability is an issue of basic human rights. This is being reflected in recent developments in government policies all over the Globe. The challenges for international standardization in these areas are, inter alia, global differences in government policy and the need for economic growth.

For SC 16, the objective is to deliver standards on the accessibility to the built environment that are rooted in basic human rights, and give consideration, for instance, to the UN's Universal Declaration on Human Rights, which states that everyone has the right to equal access to public services in his or her country.

News from our SCs and liaisons

New ISO/TC 59/SC 13/WG 13 created
In April 2014, a new working group was established in SC 13: WG 13 “Implementation of collaborative working over the asset lifecycle”. The convener is Peter Caplehorn, UK, and the secretary is Danny Peacock, BSI. The new work item under WG 13 is ISO/AWI 19650 Specification for information management for the capital/delivery phase of construction projects using building information modelling. The work item was proposed by the British Standards Institution (BSI) based on the BSI PAS 1192-2:2013.

The scope of this work is to specify requirements for achieving building information modelling (BIM) “Level 2”, as defined by the UK: Managed 3D environment held in separate discipline “BIM” tools with attached data. Commercial data managed by an ERP (Enterprise Resource Planning). Integration on the basis of proprietary interfaces or bespoke middleware could be regarded as “pBIM” (proprietary). The approach may utilise 4D Programme data and 5D cost elements.

It will focus specifically on project delivery, where the majority of graphical data, non-graphical data and documents, known collectively as the project information model (PIM), are accumulated from design and construction activities.

The intended audience for this new standard includes organisations and individuals responsible for the procurement, design, construction, delivery, operation and maintenance of buildings and infrastructure assets. Where possible, generic language has been used, but where necessary specific definitions are given. This work will supplement and complement the work already published and in development within SC 13/WG 8 Information delivery manual (IDM)

Lisbet Landfald, Secretary of ISO/TC 59/SC 13 (lla@standard.no)

SC2 and SC 17 JWG on terminology
A new work item proposal for a new part of ISO 6707 Buildings and civil engineering works – Vocabulary devoted to sustainability is being circulated to the members of SC 2 and SC 17. The intention is for the work to be carried out by a joint working group of the two subcommittees (a meeting of the JWG will be held on 29 October 2014 in Toronto in conjunction with the TC 59 Plenary). A working draft is being circulated with the new work item proposal. This shows the terms which have been selected for inclusion, a suggested first draft definition, with comments that have been prepared by the SC 2 Secretariat. In large measure the draft is based on existing ISO and CEN standards.

Mike Roberts, Secretary of ISO/TC 59/SC 2 (mikeroberts@blueyonder.co.uk)

Published since November 2013

If you have ideas or contributions to the next newsletter, please make contact!