

## **TRIP REPORT**

### **ISO/TC 204 37<sup>th</sup> CHOD/PLENARY & WORKING GROUP MEETINGS**

**April 10-14, 2011**

**Hotel Diplomat**

**Prague, Czech Republic**

William Johnson  
Head of Delegation Canada, and  
Chair, SCC/Canadian Advisory Committee for ISO/TC 204

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#### **Introduction**

The 37<sup>th</sup> Plenary meeting of ISO Technical Committee 204 (Intelligent Transport Systems) was held in Prague, Czech Republic at the Hotel Diplomat on April 10-15, 2011. The host for the meeting was MetroStau, the Czech Republic National Standards Body, in cooperation with the Ministry of Transport, Eltodo (Czech traffic control and management supplier), and the Czech Technical University in Prague.

This report provides a brief overview of the week of meetings with highlights focussing on reports of interest to Canada. The outcomes of the Working Group meetings held during the week prior to the Plenary Meeting are available in the trip reports posted by Canadian delegates on the SCC Sitescape website. The detailed convener reports are posted on the TC204 secretariat website (see 'Further Information – TC204 secretariat' at the end for website addresses and contact details).

#### **Canadian Delegation**

The Canadian delegation attending the 37<sup>th</sup> ISO/TC 204 meetings represented the Standards Council of Canada and included four members of the Canadian Advisory Committee for ISO/TC 204:

- 1) William Johnson (TRENDS Consulting), Head of Delegation (HOD) attended the combined CHOD/Plenary meeting, Cross-cutting meeting, Working Group 7 meeting as rapporteur, and Working Groups 8 and 9 as a delegate;
- 2) Dr. Lewis Sabounghi (Sabounghi & Associates), attended the meeting as the International Convener for Working Group 7 for freight management and commercial vehicle operations and the Canadian expert;
- 3) Dr. Peter Burns (Transport Canada, Road Safety & Motor Vehicle Regulation), attended the Working Group 14 meeting as the Canadian expert;
- 4) Mr. Preet Khalsa (Skymeter Corp.), attended the Working Group 5 meeting as the Canadian expert.

Note: Canada through Standards Council of Canada is responsible for sponsoring the international convener for Working Group 7 (General Fleet Management & Commercial Freight). Dr. Lewis Sabounghi is the WG7 International Convener.

## **Meeting Overview and Highlights**

The TC204 meetings attracted 164 delegates from 17 countries, including delegates who attended in person and those who linked-in via Skype internet-based conferencing service.

The scheduled meetings included a combined TC204 CHOD/Plenary (an experiment adopted at the previous 36<sup>th</sup> meeting to streamline the process), a Cross-cutting half-day workshop with Conveners and Heads of Delegations, 11 Working Groups, 3 Joint Working Groups, the Strategic Planning Committee, and the CALM communications and ASN.1 workshops.

There were 60 delegates representing 17 "P" countries present at the CHOD/Plenary in Prague including Australia, Austria, Canada, China, Czech Republic, France, Germany, Hungary, Japan, Korea, Netherlands, Norway, South Africa, Spain, Sweden, United Kingdom and United States. There are 24 "P" or voting member countries and 27 "O" or observer member countries in TC204.

The following Working Groups met on Monday to Wednesday prior to the CHOD /Plenary meeting (names of Canadian experts attending the WG appear in parentheses; (\*) indicates a trip report is available on SCC's SITESCAPE or from the Canadian expert - see 'Further Information' for URL addresses):

- WG1 ( ) Architecture
- WG3 ( ) Mobile Data Base
- WG4-WG7 (\*) Joint meeting Automatic Vehicle Identification (William Johnson)
- WG5 (\*) Electronic Fee Collection and Tolling (Preet Khalsa)
- WG7 (\*) General Fleet Management & Commercial Freight (L. Sabounghi, Wm. Johnson)
- WG8 (\*) Public Transport and Emergency Services (William Johnson)
- WG9 (\*) Integrated Transport Information, Management & Control (William Johnson)
- WG9-WG18 ( ) Joint meeting
- WG10 ( ) Traveller Information Systems
- WG14 (\*) Vehicle/Roadway Warning & Control (Peter Burns)
- WG16 ( ) CALM Communications
- WG17 ( ) Nomadic Devices
- WG17-WG3-WG8 ( ) Joint meeting to consider Indoor Maps
- WG18 ( ) Cooperative Systems.

The United States American National Standards Institute (ANSI) provides Secretariat services to TC204 through the Telecommunications Industry Association (TIA). The secretary is Mr. Tyler Messa.

### **Workshops**

The Cross-cutting Workshop on Thursday morning was a pre-CHOD/Plenary opportunity to focus on issues that affect two or more working groups. The main focus of the presentations and discussion at this meeting was the TC204 response to the challenge of developing ITS standards for cooperative systems. This affects WG18 in TC204 and its counterpart WG16 in CEN278 and also the working groups with mandates that overlap with WG18 such as WG9 (traffic management) and WG14 (warning systems).

The meeting heard reports from the WGs concerned but the format and content turned out to repeat the messages that would later be given in the CHOD/Plenary. This was not the intent of the meeting and the organizers (the Strategic Planning Committee) were advised to reconsider the format. The intent was to use the meeting for a wide-ranging discussion of issues and opportunities related to current issues. One problem that constrained the meeting participants was the urgent requirement to respond to the European Commission's Mandate M453 that requires CEN and ETSI to develop a full set of standards for cooperative

systems by mid-2012. The role of ISO/TC204 in this is relatively minor and is not eligible for funding so the response by the TC204 working groups has been slow.

The principle technical idea that emerged from the session was the concept of an “ITS station” that is a communication device that would be placed in all vehicles and roadside units and in other ITS-related service units. It would be configured and programmed to act as a control or communication service agent as appropriate.

### Social Events

The hosts organized a social event on Thursday evening at the Restaurant associated with a 14<sup>th</sup> century Monastery in Prague. Delegates were treated to a dinner with musical entertainment. Sponsored hospitality included the social event and daily coffee service (morning and afternoon).

### **CHOD/Plenary Meeting Highlights**

The Chair of TC204, Michael Noblett, was unable to attend for health related reasons and he delegated his role as chair of the CHOD/Plenary meeting to Dean Zabrieszsch, HOD for Australia.

The Plenary meeting is the focal point of the standards development business of ISO/TC 204. At the previous 36<sup>th</sup> meeting, the Plenary was combined with the CHOD in an effort to streamline the full proceedings. This was a partial success as it allowed time for the Cross-cutting Workshop on Thursday morning. A full report of the proceedings of the Plenary can be found in the official minutes and in the list of resolutions approved by the Plenary. These documents are available to CAC members on the SCC website “Sitescape” and on the TIA/TC204 secretariat website (for URL addresses, see ‘Further Information’). Only the highlights of the Plenary of general interest to SCC/CAC members are reported here.

### Highlights from Working Groups

WG1 – will develop a glossary of cooperative ITS terminology

WG3-WG8 – has an emerging work item for indoor maps

WG5 – work item for charging performance is ready for NP/CD ballot

WG7 – (Convened by Canada)

– is sending 2 completed Technical Specifications to publication and to DIS ballot, and initiating a work item for governance for intermodal container tracking ,

and initiating a work item in 5 parts for commercial vehicle regulation,

and identified a potential partner in Europe to update the dangerous goods tracking

WG8 – a new work item proposed for “Governance for Public Transport schemes with Mandatory Industry Standards”

WG9 – a new work item for “evaluation of effectiveness for ITS and signal control “

Canada to assess Quantis model on ITS and weather and continue road-weather project

WG14 – has a working relationship with ETSI WG1 for cooperative ITS

WG16 – proposed a closer working relationship with ITU (see report)

WG17 – ISO 13185 vehicle-nomadic interface will be published as a technical report

WG18 – to develop a New Proposal to define roles and responsibilities re: cooperative ITS;

WG conveners to send updates on standards work related to cooperative ITS to WG18

### Minutes of 36<sup>th</sup> Meeting

The minutes of the 36<sup>th</sup> Plenary meeting in Jeju Island, Korea on November 5, 2010 were approved (posted on TIA/TC204 secretariat website, see ‘Further Information’).

### CHOD Working Group Reports

The Working Group Conveners reported on the progress of their work programs (posted on TIA/TC204 website, see ‘Further Information’).

## Liaison Reports

CEN (Europe) Mr. Leitin reported on behalf of CEN. Personnel changes: Mr. Dijkstra is moving on in CEN and Mr. Stoelhorst has retired as the Chair of CEN/TC278. The new Chair is Max Leitin, effective January 2011. CEN is cooperating with ETSI on ITS standards for cooperative systems under the terms of the European Commission's Mandate M/453. CEN/TC278 is also reaching out to cooperate with ISO/TC204 on its assigned ITS work items.

ISO/TC104 Dick Schnake reported that the slowdown in the global economy has put the work of the TC104 into a slower mode.

## ITU Report

Mr. Reinhard Scholl gave an overview of the role of the International Telecommunications Union (ITU) and presented a case for establishing a closer liaison with ISO/TC204.

The ITU is an agency of the United Nations for information and telecommunications technical issues. It provides a global focal point for governments and industry to collaborate including global ICT standards (ADSL; optical networks; hands-free in-car services). Automotive standards include a focus on car-to-car communications, driver distraction and a fully networked car workshop. Future work will include v2x, ICT and road safety, and information and ITS, and electric vehicles.

It was proposed that ISO/TC204 and ITU explore how a working relationship could be established. A Joint Task Force between ISO/TC204 and ITU was endorsed and an ad hoc work group was established to explore arrangements to set up the Task Force to work on common issues. There are complications because of potential conflict with CEN-ETSI standards work and the apparent mis-match between the resources available to ITU and to ISO/TC204. Further study is necessary to find a clear path to cooperation (see resolutions for the approach adopted at the Plenary to resolve these issues).

## Resolutions

The resolutions approved by the Plenary in Prague are posted on the TC204 website (see 'Further Information' for URL).

## Future Meetings

The schedule for the next ISO/TC 204 meetings is as follows:

- Americas – October 10-14, 2011 – Tampa, Florida, USA
- Asia-Pacific – April 16-20, 2012 – Melbourne, Australia
- Europe – October 15-19, 2012 – (France)

## Further Information

For further information, visit the TC204 secretariat website at:

<http://www.isotc204.com> (public domain and password protected items),

or the SCC Sitescape at:

[https://forums.scc.ca/forums/scc/dispatch.cgi/\\_admin](https://forums.scc.ca/forums/scc/dispatch.cgi/_admin) (password protected)

or contact the Head of Delegation for Canada:

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