

TRIP REPORT

ISO/TC 204 36th PLENARY, C/HOD & WORKING GROUP MEETINGS November 1-5, 2010 Ramada Plaza Hotel Jeju Island, Republic of Korea

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Introduction

The 36th Plenary meeting of ISO Technical Committee 204 (Intelligent Transport Systems) was held in Jeju, Jeju Island, Korea at the Ramada Plaza Hotel on November 1-5, 2010. The hosts for the meeting were the Korean Association for Technology and Standards (KATS) and the Korean Standards Association (KSA). The sponsors were JejuKIPA, ETRI, KRIHS, KOTI, and ITS Korea.

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' at the end for website addresses and contact details).

Canadian Delegation

The Canadian delegation attending the 36th ISO/TC 204 meetings represented the Standards Council of Canada and included three members of the Canadian Advisory Committee for ISO/TC 204:

- 1) William Johnson (TRENDS Consulting), Head of Delegation (HOD) attended the combined Plenary-CHOD meeting, Working Group 7 where he chair the meeting in the absence of the convener, Working Groups 8 and 9; and the Future Challenges, Cooperative Systems and Cross-cutting workshops.
- 2) Mr. Bern Grush (Skymeter Corp.), attended the Working Group 5 meeting as 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) Dr. Lewis Sabounghi (Sabounghi & Associates), was unable to travel to Jeju due to health reasons but joined the WG7 meeting via the ISO Gotomeeting Internet-based service on November 2, 2010. He delegated the role of meeting chair to William Johnson who is a member of WG7 and was present in Jeju.

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 ~150 delegates from 15 countries, including delegates who attended in person and those who linked-in via the ISO “Gotomeeting” internet-based conferencing service. The week was busier than usual for TC204 meetings with a full schedule including evening sessions.

The scheduled meetings included a combined TC204 Plenary-CHOD (an experiment adopted to streamline the meetings), a Cross-cutting half-day workshop with Conveners and Heads of Delegations, 12 Working Group and 3 Joint Working Group meetings, the Strategic Planning Committee meeting, the U-ITS Working Group meeting, the Cooperative Systems Workshop and the 2010 Future Challenges Workshop.

There were 16 “P” countries present at the Plenary in Jeju including Australia, Austria, Canada, China, Czech Republic, France, Germany, Hungary, Japan, Korea, Netherlands, Norway, South Africa, 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 Plenary-CHOD (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 (Kara John – regrets, unable to attend)
- WG4-WG7 (*) Joint meeting Automatic Vehicle Identification (William Johnson)
- WG5 (*) Electronic Fee Collection and Tolling (Bern Grush)
- 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 (William Johnson)
- 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 who has recently returned to TIA after a 3-year assignment to the ISO Central Secretariat in Geneva, Switzerland.

Workshops

The Future Challenges Workshop on Sunday afternoon was organized and sponsored by the Korean Association for Technology and Standards (KATS). There were 78 attendees. The special theme of the workshop was “Identifying Future Challenges of ITS Standards in the Next Decade”. The first session focussed on “Challenges and Vision for Ubiquitous ITS in the Next Decade”. (The U-ITS concept delivers real-time traffic and transportation information to citizens at all times and places using extensive sensors networks, centralize processing and communications networks. 4 presentations) The second session focussed on “Challenges

and Vision for Green and Sustainable ITS in the Next Decade” (6 presentations). The workshop summary document with presentations is available from the Canada HOD.

The Cooperative Systems Workshop on Tuesday evening provided delegates with an up-to-date status of developments in Europe in response to the European Commissions Mandate M/453 that directs member states to implement preparations for ITS cooperative systems. This was a controversial topic at the TC204 meeting because the directive is comprehensive and appears to usurp the entire space for ITS standards development and assign it exclusively to European standards bodies (CEN and ETSI). WG18 proposed a plan on how ISO/TC204 working groups could work jointly with CEN/TC278 working groups on selected topics. For further information, see the posted presentations on the TIA website.

The Cross-cutting Workshop on Thursday morning was a pre-CHOD opportunity to focus on issues that affect two or more working groups. The main focus of the presentations and discussion 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). This was viewed as an important complement to the regular CHOD meeting where the focus is on separate reporting by each working group. The resulting synergy was very helpful to determine specific roles and work item assignments in dealing with cooperative systems and inter-action with CEN.

The hosts organized a social event on Thursday evening at the Ramada Plaza Hotel. Delegates were treated to a dinner with traditional and modern entertainment. Sponsored hospitality included the social event, daily coffee service (morning and afternoon), dinner after the Sunday Future Challenges workshop and lunch on Thursday after the Cross-cutting workshop.

Plenary-CHOD Meeting Highlights

The Chair of TC204, Michael Noblett, and the representative of the host organization, KATS, welcomed the delegates to the 36th Plenary meeting. Mr. Tyler Messa from TIA provided secretariat support for the TC204 meetings.

The Plenary meeting is the focal point of the standards development business of ISO/TC 204. At this meeting, the Plenary was combined with the CHOD meeting 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.

Minutes of 35th Meeting

The minutes of the 34th Plenary meeting in New Orleans, Louisiana, USA on April 23, 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

There were only a few liaison reports because of the travel restrictions.

CEN (Europe) Mr. Pailin reported on behalf of CEN. Personnel changes: Mr. Dijkstra is moving on in CEN as the secretary and Mr. Stoelhorst is retiring 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 on hold. The proposal is to use ISO 24533 developed by TC204/WG7 to extend a planned TC104 terminal-to-terminal demonstration to include connecting highway links at each end.

Strategic Planning Report

Professor Seung-Hwan Lee reported on behalf of the Ad Hoc Strategic Planning Committee. The SPC has addressed the issue of E.U. funding for ISO experts assigned to work on joint CENISO projects led by CEN. This issue is expected to be resolved and funding for ISO led work items should be also made available.

The next TC204 meeting in the Americas will take place in Rio, Brazil or at a location close to Florida in the USA. An offer has been received from a consortium in Rio de Janeiro, Brazil to host the next TC204 meeting due in the Americas in fall 2011. This is attractive as a means of outreach to stimulate interest and membership in TC204 by South American countries. Brazil was once an "O" member of TC204 but has since dropped out. It would also relieve the U.S. of the burden of hosting both the 18th ITS World Congress and TC204 at the same time. Brazil standards authorities are considering the offer and a decision is soon.

SPC also noted the U.S. – Japan Joint Declaration for Cooperation including standards harmonization similar to the bilateral arrangements between the U.S. and the E.U.

Resolutions

The resolutions approved by the Plenary in Barcelona 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:

- Europe – April 11-15, 2011 – Prague, Czech Republic
- Americas – October 10-14, 2011 – location tbc
- Asia-Pacific – April 16-20, 2012 – Melbourne, Australia

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 (password protected) or contact the Head of Delegation for Canada:

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