# Collaboration on ITS Communication Standards

## 4 July 2014, Sapporo, Japan

### Meeting report

1. **Introduction**

The meeting of the Collaboration on ITS Communication Standards (“Collaboration”) took place on 4 July 2014 in Sapporo, Japan.

Russell Shields of Ygomi LLC chaired the meeting.

The intent of the Collaboration is to provide a globally recognized forum for the creation of an internationally accepted, globally harmonized set of ITS communication standards of the highest quality in the most expeditious manner possible to enable the rapid deployment of fully interoperable ITS communication-related products and services in the global marketplace.[[1]](#footnote-1)

1. **Opening of meeting, introductions and adoption of the agenda**

Russ Shields welcomed the participants (18 on-site, 3 remote; the final list of participants is reproduced in [Doc 009](http://www.itu.int/net/itu-t/ls/ls.aspx)) and gave introduction to the objectives of the Collaboration (see [website](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/005%20-%20TTC%20updates%20on%20ITS%20communications%20priorities%20in%20Japan.doc)).

The agenda approved by the meeting is reproduced in [Doc 001](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201403-Geneva/011%20-%20Meeting%20report.docx).

1. **Review of past actions**

The list of open actions ([Doc 002](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/006%20-%20TTC%20updates%20on%20gap%20analysis.doc)) was reviewed. A number of action items have been completed since the last meeting (Geneva 2014 #5) and others were on the agenda of the meeting (Geneva 2014 #3, #4). The following updates and comments were made:

Geneva 2014 #1:

* ITU/TSB will discuss internally how to exchange information at secretariat level.

Geneva 2014 #2:

* ITU/TSB will invite Qualcomm and John Frazer to participate in the next meeting.

Geneva 2013 #10:

* The item can be removed from the list as no additional comments were received.

1. **Review of UNECE WP.29 meeting, 24-27 June 2014**

Russ Shields gave an overview of the June meeting of UNECE’s [World Forum for Harmonization of Vehicle Regulations (WP.29)](http://staging.itu.int/en/ITU-T/focusgroups/drnrr/Pages/default.aspx).

Key areas of common interest include:

* Automated in-vehicle emergency call systems (e.g., eCall);
* V2V communications;
* Automated driving;
* Driver distraction.

The official meeting report is available [here](http://staging.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/009%20-%20List%20of%20Participants.pdf).

The next WP.29 meeting will take place from [11 to 14 November 2014](http://staging.itu.int/en/ITU-T/extcoop/cits/?id=34823) in Geneva, Switzerland. Delegates interested in participating in this meeting are advised to contact Martin Adolph ([martin.adolph@itu.int](http://staging.itu.int/en/ITU-T/studygroups/2013-2016/17/Pages/default.aspx)).

It was also announced that an UNECE round table on ITS is scheduled to take place on 17-18 November 2014 in Brussels, Belgium.

* Action (1) ITU/TSB: Propose way to formalize Collaboration input into WP.29.

1. **ITS communications requirements – Work Item 1**

Yuanyuan Liu of China Unicom gave a comprehensive overview of ITS activities in China’s SDOs ([Doc 003](http://www.itu.int/en/ITU-T/studygroups/2013-2016/16/Pages/q27.aspx)) and industry groups ([Doc 004](http://www.unece.org/trans/main/wp29/meeting_docs_wp29.html)). Kevin Li (Strategy Analytics) highlighted the work undertaken in [TIAA](http://www.unece.org/fileadmin/DAM/trans/doc/2014/wp29/ECE-TRANS-WP.29-1109e.pdf) and its working groups on eCall, autonomous driving, V2X communications and vehicle IQ (a scale of measuring and comparing the intelligence of cars). Participants noted the progress made since the last Collaboration meeting in China (March 2013).

* Action (2) ITU/TSB and Kevin Li: Explore the possibility of hosting the Collaboration on ITS Communication Standards alongside a TIAA meeting in July 2015.

Yasubumi Chimura of OKI, Japan gave an update on TTC Japan’s priorities concerning ITS communications ([Doc 005](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/001%20-%20Draft%20agenda.docx)) and the gap analysis document ([Doc 006](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/003%20-%20Updates%20on%20ITS%20Activities%20in%20China-Standard%20Bodies.doc)).

Concerning the area of ITS communications for disaster relief applications, participants pointed out that a related ITU-T Focus Group on Disaster Relief Systems, Network Resilience and Recovery has recently completed its activities, [published its deliverables](http://itu.int/go/ITScomms) and submitted them for review to related ITU-T Study Groups.

ITS Japan will host an event on international cooperation for automated driving, tentatively scheduled for 17-18 November 2014, that will include communications as a topic.

The meeting then discussed the status of the report on communications requirements of high-priority ITS applications and agreed to submit it to SG16 for review and adoption as an ITU-T Technical Paper. The corresponding liaison statement is in [CITS–LS3](http://www.unece.org/index.php?isn=4936).

Regarding the document on gap analysis (Doc 006), participants asked TTC to propose a way forward for the area of standards for ITS communications for vulnerable road users (e.g., pedestrians, bicycles).

* Action (3) TTC: Propose a way forward for ITS communications for vulnerable road users.

1. **ITS communications security – Work Item 4**

Masashi Eto of NICT Japan introduced [Doc 007](mailto:martin.adolph@itu.int), a liaison statement on ITS communications security from [ITU-T Study Group 17](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/002%20-%20Review%20of%20open%20actions.docx). Participants took particular note of the proposed new work item on “Security for remote updates of car software/systems”, an area which will be further discussed by SG17 in its September 2014 meeting.

1. **Any other business**

Yushi Naito informed participants that Scott Pennock will no longer be the Rapporteur of [Q27/16](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/004%20-%20Updates%20on%20ITS%20Activities%20in%20China-Industry%20Practice.docx). Participants asked Yushi to provide updates on Q27/16 activities in the next Collaboration meeting and to invite the new Rapporteur to regularly report to the Collaboration on ITS Communication Standards.

* Action (4) Yushi Naito: Provide updates on Q27/16 activities.

1. **Next meetings**

The next meeting of the Collaboration on ITS Communication Standards will take place on **23 October 2014 at SAE International offices in Troy, Michigan, United States**, with remote participation capabilities.The meeting will be held in conjunction with SAE Convergence Conference & Exhibition, 21-22 October 2014, Detroit. Meeting announcement, logistical information and registration form are available at [http://itu.int/go/ITScomms](http://www.tiaa.org.cn/EN/).

Future meetings are planned to take place at ITU in conjunction with Geneva Motor Show and the ITU Symposium on The Future Networked Car 6 March, 2015; and in conjunction with an event in China in July 2015 (date and location tbc).

1. **Close of meeting**

Russ Shields thanked the participants for all the discussions. The meeting closed at 1645.

| Meeting | No. | Who | What | Work Item | By when | Status |
| --- | --- | --- | --- | --- | --- | --- |
| Sapporo, July 2014 | | | | | | |
| Sapporo(2014) | 1 | ITU/TSB | Propose way to formalize Collaboration input into WP.29 |  | October 2014 |  |
| Sapporo(2014) | 2 | ITU/TSB and Kevin Li | Explore the possibility of hosting the Collaboration on ITS Communication Standards alongside a TIAA meeting in July 2015 |  | October 2014 |  |
| Sapporo(2014) | 3 | TTC Japan | Propose a way forward for ITS communications for vulnerable road users. |  | October 2014 |  |
| Sapporo(2014) | 4 | Yushi Naito | Provide updates on Q27/16 activities. |  | October 2014 |  |
| Geneva, March 2014 ([meeting report](http://www.itu.int/en/ITU-T/extcoop/cits/Documents/Meeting-201407-Sapporo/007%20-%20LS%20on%20ITS%20security.doc)) | | | | | | |
| Geneva(2014) | 1 | ITU/TSB | Exchange information with ISO at secretariat level. |  |  |  |
| Geneva(2014) | 2 | ITU/TSB | Solicit input and updates from Jim Frazer (ITS and smart grids) and Qualcomm (EV charging, wireless charging). | 1 | October 2014 |  |

1. Collaboration website, <http://www.itu.int/en/ITU-T/extcoop/cits/> [↑](#footnote-ref-1)