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Approved by General Counsel

TR-48 Meeting Report

Date(s): 12/21/2011 - 12/21/2011

Location: Teleconference

Approved: 10/10/2012

MEETING REPORT

Organization: TIA TR-48 Engineering Committee on Vehicular Telematics

Chair: Mitch Tseng, Tseng InfoServ, LLC

Date: Thursday, December 1, 2011

Time: Convene at 10:19 AM Eastern, Adjourn at 11:35 AM Eastern

Location: Teleconference

IMPORTANT NOTICE OF PARTICIPATION

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1. Call to Order

The meeting was called to order at 10:19 AM Eastern Time.

2. Chair's Introduction and Comments

The Chair requested attendees on the conference bridge for introductions and roll call. Quorum was met as all six voting members were present.

3. Attendee Introductions and Roll Call

Please refer to pp. 9-12 of the *TIA Engineering Manual* that "an individual designated by the company is placed on the list of Voting Representatives and exercises full Membership privileges after the company has been represented at *two* consecutive meetings and such voting right vests after quorum has been established at the second meeting attended," and "the criterion for removal of a company (or organization) from voting status is absence from *three* consecutive meetings."

The following list includes all previous participants on the TR-48 mailing list:
tr48@tiacomm.org.

TIA Member	Voting Status	Company / Organization	Participant
√		Alcatel-Lucent***	Jane C. Brownley Harish Viswanathan
		ATX/Cross Country***	Craig Copland James Dawson Tod Farrell Barry Garrison
		Cellport Systems***	Pat Kennedy
		Citilabs***	Wenteng Ma
		COMCARE***	David Aylward
	√	CVTA	Scott McCormick
		E-Copernicus (rep. Cross Country/ ATX)***	Glen Cooney Rob Martin Christopher McLean Rob Schill
√	√	Ericsson	David Kunz Octavio Lima Lila Madour
		Hitachi**	Joe Lenart
√		Hughes Network Systems***	Stan Kay Alejandra Mercado Chi-Jiun Su
		ITS America***	Joe Averkamp
√		Kyocera Telecommunications***	Doug Dunn
√	√	LG Electronics	Sang Kim
		NTIA, U.S. Dept. of Commerce***	Paul Najarian
		OnStar***	Mike Ames Larry Cepuran John Correia John Hunt Gino Spada
√		QNX***	Scott Pennock
√	√	Qualcomm	David Kraft Tony Buccera
		SAE International***	Caroline Michaels
√	√	Sigma Delta (rep. Qualcomm)	Peter W. Nurse
√		Space Data Corporation***	Eric Schimmel
√		Sprint-Nextel*	Larry Lapote
		TEEMA***	Chunder Wu
√	√	Telcordia	Chungmin Chen Hong Cheng Irene Hsu Kevin Lu
√		TIA	Cheryl Blum George Ivanov
	√	TKstds Management	Thomas Kurihara
√	√	Tseng InfoServ, LLC (rep. Huawei)	Mitch Tseng
		Valley View Corp. (rep. TIA)***	Dan Bart

		Wright Express***	Russ Lamer
√		Ygomi LLC***	Desmarie Waterhouse

Note: The attendees are highlighted in bold. Companies or organizations absent are indicated in a number of asterisks, *i.e.*, * absent for one meeting, ** two consecutive meetings, and *** three or more consecutive meetings.

4. TIA Policy Notices

An Intellectual Property Rights statement such as licensing rights and proposals was noted.

5. Review and Approval of Agenda

Attendees were asked to review the proposed agenda (**TR48-2011201-001**). A revised version of the agenda (**TR48-2011201-001R2**) was approved.

6. Review and Approval of Previous Meeting Report

Attendees were asked to review the October 25, 2011 meeting report (**TR48-2011201-002**) submitted by the Chair. The meeting report was approved with minor changes and two revised versions had been created with updated information (**TR48-2011201-002R2**).

7. Introduction of Contributions:

The following documents were provided via email to committee members. The documents are also to be posted in the following TR-48 folder:

http://ftp.tiaonline.org/TR-48/TR-48_MAIN/Working/2011201-Teleconference/.

	Contributions (TR48-2011201-)	Source	Agenda Item #
001R2	Agenda	Chair	5
002R2	TR48 October Meeting Summary	Chair	6
003A	Core System: Standards Recommendations Report	RITA	7
003B	Vehicle Safety Communications – Applications (VSC-A) Final Report	RITA	7
004	TSB Circular 239	ITU	7
	TR48-Roster	TIA	

TR48-2011201-003A (Submitted by Telcordia)

This contribution, as well as -003B, was brought in by Telcordia as a continue update on the status of the CoreSys development work in US DoT. “This document describes a set of high-level information objects that comprise the critical interfaces for the Core System and should be considered for standardization by the stakeholder community as they pursue the deployment and

implementation of the Core System as part of the United States Department of Transportation's (USDOT) next generation integrated transportation system.”

TR48-20111201-003B (Submitted by Telecordia)

“The Vehicle Safety Communications – Applications (VSC-A) Project was a three-year project (December 2006 – December 2009) to develop and test communications-based vehicle-to-vehicle (V2V) safety systems to determine if Dedicated Short Range Communications (DSRC) at 5.9 GHz, in combination with vehicle positioning, can improve upon autonomous vehicle-based safety systems and/or enable new communications-based safety applications. The VSC-A Project was conducted by the Vehicle Safety Communications 2 Consortium (VSC2). Members of VSC2 are Ford Motor Company, General Motors Corporation, Honda R & D Americas, Inc., Mercedes-Benz Research and Development North America, Inc., and Toyota Motor Engineering & Manufacturing North America, Inc. This document presents the final report of the VSC-A Project.”

Both contributions are deemed FYI. Continued from last meeting about finding a way to contacting US DoT for transferring the CoreSys work to TR-48, it turned out that there might be many uncertainties for the direct transfer. Through the discussions, the group decided to consider a different approach such as direct referencing. Furthermore, Tom Kurihara indicated that “Contract period of performance is completed and deliverables have been completed. I do not know what the standards requirements are for the Core System and the Certificate Authority functionality. Suggest that a review resulted in identifying interfaces and data exchanges and note what is required.”

These activities may post an opportunity for TIA to establish a "registration authority-like" activity as the global registration and certification authority. However, this will not be a standard's activity. It will be a cost center and to manage the certification process for the global ITS. This could be a big activity, but also cost intensive and requires a commitment from an organization. Most global registration authorities are managed through national standards bodies. It is suggested that the perspective need to be further investigated.

More discussions on this topic will be continued.

TR48-20111201-004 (Submitted by TIA)

This contribution is an invitation from ITU to attend “the Collaboration on ITS (Intelligent Transport Systems) Communication Standards” meeting on Wednesday, 14 December 2011 at ITU Headquarters in Geneva, Switzerland. According to ITU, the Collaboration “intends 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.”

In addition to the Members of the States and ITU members, the invitation was extended to major SDOs worldwide, including TIA, so TIA brought in for discussion. In addition to the physical presence, there will be a bridge for people, who wish to dial in. TIA has been more active with ISO TC 204, which also working on the ITS matters. The membership of TR-48 was encouraged to participate.

To facilitate more global coordination on ITS matters, it is also suggested that the Chair to start conversation with ITS JPO staff to identify what their timing is for follow-on contracts and standards activities.

The contribution was deemed FYI.

8. Liaison Reports

TIA TR-50 (Smart Device Communications) officially published its first set of standards TIA 4940-000 “List of Parts” and TIA 4940-005 “Smart Device Communications: Reference Architecture”. The standards are available through TIA. TR-50 will continue working on Protocols, Objects, and Software matter of SDC.

9. Other Business

In considering working with US DoT, it is recommended that TR-48 should also consider potential standards requirements of DoT’s **Federal Motor Carrier Safety Administration (FMCSA)** as it develops regulatory guidelines for electronic driver logs for large commercial vehicles. Currently, the **Motor Carrier Safety Advisory Committee (MCSAC)** is development technical guideline recommendations for electronic driver logs to support FMCSA rulemaking in this area in 2012. This effort may need some standards assistance in defining standardized methods for electronic data transfers of driver log data via commercial vehicle telematics networks and services. In addition to technical vetting of the technical requirements, the standards process should apply an effective patents policy to identify and resolve any intellectual property considerations related to standards to be included in regulatory requirements. (Some info can be found in the link <http://mcsac.fmcsa.dot.gov/>).

Dave Kraft will follow up with MCSAC and FMCSA representatives to explore if this is of interest to FMCSA. It appears that TR-48 members appear willing to support this effort and it is expected that this initiative may draw other commercial vehicle telematics providers to TR-48.

On a similar topic, Tom Kurihara also reported that The IEEE 1609 WG is starting a discussion on over-the-air protocol for heavy vehicles using 5.9GHz.

10. Schedule Next Meeting

The next monthly meeting will be held via teleconference from 10:00AM to 11:30AM ET on Thursday, **February 2, 2012**.

Note 1: The meeting for 2012 has been scheduled for “Thursday morning 10:00am-11:30am Eastern time, on the second Thursday, of the even months (Feb. Apr., etc.) of 2012. If there is a need for more meetings, we will call for “-bis” or “-ter” meetings between scheduled meetings. Moreover, the actual meeting date for the following meeting will be confirmed at the end of each meeting. If a meeting date needs to be changed, it should be within the range of the Thursday before or the Thursday after the scheduled meeting.” The Chair had reported this result to TIA meeting coordinator.

Note 2: June 2012 meeting will be a face-to-face meeting with GTM, and collocated with TIA 2012 event in Dallas on June 7 (may be in a different time and longer meeting). The group will confirm in April meeting.)

11. Adjournment

The meeting was adjourned at approximately 11:35AM ET. This meeting was conducted in accordance with the TIA Legal Guide and the TIA Engineering Manual.