

Approved by General Counsel

TR-48 Meeting Report

Date(s): 09/08/2016 - 09/08/2016

Location: Virtual (conference call, web conference, etc.)

Approved: 12/07/2016

MEETING REPORT

Organization: TIA TR-48 Engineering Committee on Vehicular Telematics and TR-50 M2M – Smart Device Communications

Chairs: Mitch Tseng, Tseng InfoServ, LLC: Mihai Voicu, Telit IoT Platforms

Date: Thursday, September 8th, 2016

Time: Convene at 10:00 AM EST, Adjourn at 11:30 AM EST

Location: Conference Call

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1. Call to Order

The meeting was called to order at 10:05 AM EST.

2. Chairs' Introduction and Comments

The Chairs' welcomed everybody and discussed the objectives of the joint meeting for TR-48 and TR-50 which is to leverage common areas between the two Engineering committees including IoT, security and vehicular communications

3. Attendee Introductions and Roll Call

The Chair requested attendees on the conference bridge for introductions.

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.”

All voting members on the list were present, the quorum was established for TR-48.

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 Orlett Pearson Tim Carey
		CVTA	Scott McCormick
√	√	Ericsson	Steven Hayes Octavio Lima
√		Intel**	Joel Huffmann
√	√	LG Electronics	Sang Kim
√		OnStar (GM)*	Scott Droste
√		Panasonic	Paul G. Schomburg Yuri Tsuji Mike Stelts John Avery
√	√	Qualcomm	Tony Bucceri
√		Sprint-Nextel***	Larry Lapote
√	√	TIA	Victoria Mitchel Germaine Palangdao
		TKstds Management	Thomas Kurihara
√		Telxxis	Richard Brennan
√	√	Tseng InfoServ, LLC	Mitch Tseng
√	√	Telit	Mihai Voicu
		Texas A7M Transportation Inst.	David Sparks
		WirefreeCom, Inc.	Anil Kripalani

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. There were no declarations of IPR in contributions.

5. Review and Approval of Agenda

Attendees were asked to review the proposed agenda (**TR48-20160908-001r3**). The agenda was approved.

6. Review and Approval of Previous Meeting Report

The TR48 June report TR48-20160630-001 Report was approved.

7. Contributions

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

	Contributions (TR48-20160908)	Source	Agenda Item #
001r3	Agenda	Chair	5
002	TR48-20160630-001 Report	Vice-Chair	6
009	TR48/TR50 joint Meeting Roster	TIA	
007	MTLS_24 Smart Home as Business R2_TR50	Chair	
003, 004	Transposition of oneM2M Release 2 Specifications	Chair	
005,006	oneM2M Technical Plenary #24 (18-22 July 2016, Montreal) Reports (-006), oneM2M Steering Committee #33 (10 August 2016) Report (-005)	Chair	

8. Liaison Reports

CVTA (Scott McCormick): see TR-48 specific topics in section 9 below.

IEEE 1609 Working Group (Tom Kurihala): Provided overview of DSRC and IEEE 1609 and subsections including security, transport and phy/mac. Briefly discussed ongoing pilots sponsored by USDOT in Tampa, NYC and Wyoming. Last meeting was 9/1 and next meeting scheduled in November

TIA and Connected Vehicle Program (Germaine Palangdao): TIA hosting IoT reception and Workshop on September 19 and 20 and invited attendees to participate

ISO TC204 WG16 (Mitch Tseng): There was no meeting since last TR48 meeting. In addition to the work on LTE-D2D mode, there is a new proposal to work on LTE-V2X mode for ITS. Currently, the scope is to align with 3GPP; however, since the ITS architecture is defined to be "(radio) access agnostic", there is no preclusion that LTE-D2D or LTE-V2X mode won't be adopted for 5.9GHz. In such case, issues like the co-existence and interference with DSRC radio will need to be resolved. Currently, US is using DSRC for all the trials, tests and roadside stations at 5.9GHz. The next meeting will be held in Auckland, New Zealand on October 3-7, 2016.

oneM2M (Mitch Tseng): oneM2M Technical Plenary (TP) just ratified the "Release 2" of the oneM2M specifications on August 30 after the Montreal meeting in July. The next meeting will be on October 17-22 at Nice, France. The work on Release 3 has been started through conference meetings. Steering Committee (SC) held a meeting in August and reelected the leadership

team. The SC Chair is still Fran O'Brien (Cisco, TIA). A new MarkComm Chair was appointed (iconnectiv, ATIS). She had met with TP leadership in Montreal and was eager to get the ball rolling.

"Smart Home as business, for Real?" is a personal view from Mitch Tseng (Tseng InfoServ, LLC) was briefly introduced and is deemed as FYI for the group. The presentation explores the Smart Home business from a pragmatic viewpoint. Based on the "cost per node" and "tangible benefits", Smart Home may be better fit for Smart Hotel, Smart Building, and Smart Assist Living type of applications. In the future, a "Smart Butler" at home may be widely used as the robotic technologies become cheaper and better.

9. TR-48 Specific topics

Scott McCormick provided update on discussions with OEMs and Tier 1 vendors regarding communications technologies used in combination with onboard vehicle sensors. OEMs are wary of integrating outside communications directly with onboard systems due to security risk. This could pose a high hurdle when information is provided through a gateway from a public or private non-OEM network especially for onboard vehicle safety applications. Aftermarket or brought in devices are separate from this concern as they are not "connected" to the vehicle. The Chair asked Scott to provide further clarification of how the term communications is used in connection with onboard automotive systems

10. TR-50 Specific Topics

Contribution 003 and 004 were briefly discussed and Vice Chair vacancy was announced to the attendees.

11. Other Business (None)

12. Schedule Next Meeting

A proposal for scheduling the next meeting will be sent to members via email by Germaine and Victoria.

13. Adjournment

The meeting was adjourned at approximately 11:30AM EST. This meeting was conducted in accordance with the TIA Legal Guidelines and the engineering procedures.