Approved by General Counsel

TR-45 Meeting Report

Date(s): 12/08/2014 - 12/08/2014

Location: San Diego, CA

Approved: 01/26/2015

Telecommunication Industry Association (TIA)
TR-45 Committee
Mobile & Personal Communications Standards
Report of Meeting
08 December 2014

1. Call to Order & Opening Remarks
The TR-45 Committee was convened on 08 December 2014 at the W Hotel in San Diego, CA at 1:10 PM local time. J.Brownley/Chair called the meeting to order and welcomed the TR-45 membership to San Diego.

2. Important Notice of Participation
The Chair duly informed the meeting attendees of the Important Notice of Participation provided on the meeting agenda in Note 1.

3. Attendance Registration & Roll Call
Meeting attendees signed-in electronically at tiaonline.org and attendance was recorded as indicated by the quorum information provided below. Quorum was established.

Quorum List – Members Present			
Member	**Representative**	**Attendance**	
		Last	**Prior**
1. Alcatel-Lucent	J. Brownley	X	X
2. Cellular Networking Perspectives (CNP)	D. Crowe	X	
3. CommFlow Resources	G. Pellegrino	X	X
4. Ericsson	J. Ragsdale	X	X
5. Mobility Development Group (MDG)	D. Martel		
6. Qualcomm, Inc	F. Quick	X	X

Quorum List – Members Absent			
Member	**Representative**	**Attendance**	
		Last	**Prior**
7. Cisco	F. O' Brien	X	X
8. Sprint	M. Lipford	X	X
9. LG Electronics	S. Kim		

[Note: The "Quorum List – Members Absent" table identifies the member companies not present at this meeting. Of these member companies, the ones who also have not attended the last two meetings (no "X" in either the "Last" or "Prior" column) will be dropped from the quorum list for the next meeting.]

Others Present	
Member	**Representative**
1. Alcatel-Lucent	B. Covell
2. Alcatel-Lucent	O. Pearson
3. Qualcomm	D. Ott
4. TIA	S. Montgomery

4. Agenda Review & Approval
A motion was made by G. Pellegrino and seconded by F.Quick to approve the meeting agenda provided in document .01r1. The motion passed with no objections.

1 *Chair's Note, the meeting agenda provided in document .01r2 as amended during the course of the meeting*
2 *is available at* http://ftp.tiaonline.org/TR-45/TR-45_MAIN/WORKING/2014dec.
3

4 **5. Early Disclosure Policy**
5 The Chair duly informed the meeting attendees of the TIA Patent Policy, per Note 3 on the meeting agenda.
6 There were no comments from the meeting attendees regarding the early disclosure of patents.
7

8 **6. Introduction of Submissions and Contributions and Numbering**
9 The following documents were numbered and assigned accordingly. Meeting participants were strongly
10 encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.
11

Number	Title	Source	Agenda Item
TR45/14.12.08.00r2	Submission & Contribution Assignment List	J.Brownley Chair	6
TR45/14.12.08.01r2	Meeting Agenda	J.Brownley Chair	4
TR45/14.12.08.02	TR-45 Meeting Report of 3 September 2014	J.Brownley Chair	7
TR45/14.12.08.03	TR-45.3 Report	J. Ragsdale Acting Chair	9a, 14b
TR45/14.12.08.04	TR-45.4 Report	D. Ott Chair TR-45.4	9b, 14b
TR45/14.12.08.05/a	TR-45.5 Report	O. Pearson Chair TR-45.5	9c, 14b
TR45/14.12.08.06r1	TR-45.8 Report	B.Covell Chair TR-45.8	9d, 14b
TR45/14.12.08.07/a	LS from 5D on Schedule for updating Recommendation ITU-R M.1457 to Revision 13	S. Buonomo Counselor ITU-R Study Group 5	11a
TR45/14.12.08.08/a	LS from 5D on Architecture and topology of IMT networks	S. Buonomo Counselor ITU-R Study Group 5	11b
TR45/14.12.08.09r1	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	9f
TR45/14.12.08.10	IFAST Liaison Report	E. Hall IFAST Liaison	12i
TR45/14.12.08.11	ITU-R Liaison Report	J. Ragsdale ITU-R Liaison	12c
TR45/14.12.08.12/a	LS from 5D on Technical feasibility of IMT in the bands above 6 GHz	S. Buonomo Counselor ITU-R Study Group 5	11c
TR45/14.12.08.13	Email to TracFone on TIA Device Database Opportunity	J.Brownley Chair	10a
TR45/14.12.08.14	Message from TIA CEO Scott Belcher	G. Palangdao TIA	12e
TR45/14.12.08.15	TR-45 Meeting Schedule for 2015	J.Brownley Chair	14a

TR45/14.12.08.16/a/b	TIA Style Manual	G. Palangdao TIA	12e
TR45/14.12.08.17	Information on UL Video Data Security Pilot	TIA TSSC	11d
TR45/14.12.08.18	MEID Administrator's Report	J. Derr MEID Administrator	9f
TR45/14.12.08.19/a/b	Mobility Development Group (MDG) Introduction and Update	D. Martel Executive Director, MDG	11e
TR45/14.12.08.20	TIA TR-45 Chair Letter of Support	M. Peeters Alcatel-Lucent	8

7. Review of Meeting Report from Previous Meetings

The TR-45 Committee 03 September 2014 meeting report numbered TR45/14.12.08.02 was provided. The meeting report was approved with no objections.

8. Elections

There were no objections to Jane Brownley of Alcatel-Lucent to continue for another term (2015-2016) as Chair of TIA TR-45. Document .20 was provided for information.

9. Reports

9a. TR-45.3 Subcommittee

J.Ragsdale presented document .03 as the TR-45.3 report to TR-45 for information. It was reported that the TDMA-SC transposition package towards M.1457-12 was accepted by ITU-R WP 5D and included in the draft revision sent to Study Group 5. In addition, agreement was reached with ATIS for the three 136-36x parts which have now been transferred to ATIS and TIA TR-45.3 will no longer maintain these documents. Thus, there is no longer the need for TIA TR-45.3 to partner with ATIS WTSC to provide updates to M.1457 for TDMA-SC going forward. Furthermore, it was reported that it is anticipated that no further development will take place for the TIA/EIA-136 standards. Revision I has exhausted the Protocol Version code space.

Action TR45/2014-12-01:
At the next TR-45 meeting, scheduled for 04 March 2015, there will be an agenda item to recommend that Subcommittee TR-45.3 be rendered dormant.

9b. TR-45.4 Subcommittee

D.Ott presented document .04, the TR-45.4 report to TR-45 for information.

9c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the TR-45.5 report to TR-45 for information. Document .05a was provided for information. It was reported that TR-45.5 in conjunction with 3GPP2 TSG-AC provided a response liaison to ITU-R WP 5D on the intent to update Recommendation ITU-R M.1457 to Revision 13 for CDMA-MC. In addition, it was reported that updates were provided on the working document towards a preliminary draft new ITU-R Report on the Smart Grid project.

Action TR45/2014-12-02:
The Chair will send email to G.Palangdao of TIA (cc S.Montgomery) to request TIA to provide clarification regarding the copyright language on the TIA contribution cover template provided to Engineering Committee leadership.

Action TR45/2014-12-03:

At the next TR-45 meeting, scheduled for 04 March 2015, there will be an agenda item to recommend that Subcommittees TR-45.4 and TR-45.5 merge such that the TR-45.5 scope and charter incorporate the work of TR-45.4.

Action TR45/2014-12-04: The Chair will work with TIA to locate and provide the most recent versions of the TR-45.4 and TR-45.5 scopes and charters to the Subcommittee Chairs for reference.

9d. TR-45.8 Subcommittee

B.Covell presented document .06r1 as the TR-45.8 report to TR-45 for information. David Crowe of Cellular Networking Perspectives (CNP) was affirmed with no objections as the new Chair of Subcommittee TR-45.8 effective 01 January 2015. TR-45 expressed its gratitude and thanked Betsy Covell of Alcatel-Lucent for her years of support, commitment, and dedication to TR-45.8 serving as the Subcommittee Chair.

It was reported that a new ATIS Work Item (Issue Statement) has been proposed *for Location Accuracy Improvements for Emergency Calls*. This WI will not impact text-to-911 but could impact J-STD-036-C. TR-45.8 has sent correspondence to ATIS WTSC SN indicating its support for working with them on any impact to J-STD-036-C.

Regarding the JCMAS work, the joint project to add Spanish language alerts to JCMAS is on hold. ATIS completed their work to add Spanish language alerts to CMAS. Recently, FEMA has recommended an alternate approach to the approach ATIS WTSC-SN standardized for CMAS Spanish-language support which may affect the joint project. The joint project on Canadian Commercial Mobile Alerts Service (CMAS) is on hold, pending input on Canadian CMAS requirements.

Regarding the JSMS911 work, several meetings have been held to progress the enhancements to J-STD-110. The development of support for MMS to 9-1-1 has started, with a number of agreements having been reached to provide direction for future contributions.

9e. Ad Hoc on Authentication Group (AHAG)

F.Quick indicated that there was nothing to report at this time.

9f. AHG on ESN/UIM/MEID (EUMAG)

Document .09r1 was provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) report to TR-45 for information. Attention was drawn to the TR-45 recommendation that TIA initiate web development (with redacted name/code data) for MEID report posting to the TIA site similar to the ESN information posted. It was reported that *TIA has started the first beta testing stage of the TIA MEID database Phase 1 in July 2014 and the phased rollout is anticipated in the February 2015 timeframe.*

- **MEID Administrator's Report**
  Document .18 was provided for information.

- **ESN and UIM_ID Administrator's Report**
  There was no report.

9g. J-STD-025 Series Report

There was nothing to report, at this time.

9h. OID Administrators Report

There was nothing to report, at this time.

9i.   TR-45 Working Group on Microwave Systems
There was no report. It was noted that the Working Group (WG) continues to meet and is making progress and is close to completion.

10.   Old Business

10a.   Device Database Opportunity
Document .13 was provided for information.

11.   New Business

11a.   Liaison Statement from ITU-R WP5D on the Schedule for Updating Recommendation ITU-R M.1457 to Revision 13
Document **.**07 was provided for information.

11b.   Liaison Statement from ITU-R WP5D on Architecture and Topology of IMT Networks
Documents .08 was provided for information.

11c.   Liaison Statement from ITU-R WP5D on Technical Feasibility of IMT in the Bands above 6 GHz
Document **.**12 was provided for information.

11d.   Video Data Security Crowd Sourcing Pilot
Document .17 was provided for information.

11e.   Mobility Development Group (MDG) Introduction and Update
Doug Martel of the Mobility Development Group (MDG) provided an overview of the activities and scope of the new MDG. It was reported that the CDMA Development Group (CDG) has been reinvented with a new name, new leadership and a new multimode charter. Document .19 was provided for information.

12.   Liaison Reports

12a.   CTIA
There was no report.

12b.   ITU-T
There was no report.

12c.   ITU-R
J.Ragsdale provided document .11 as a written report for information.

Action TR45/2014-12-05:
Document .11 was remanded to TR-45.5 to take action as appropriate relative to item 7 (Global Trends Handbook, Chapter 3.2 of Chairman's Report).

12d.   CITEL
There was no report.

12e.   TIA
S.Montgomery provided a brief verbal report and shared information about TIA educational opportunities such as RF and wireless tutorials. Document .14 was provided for information.
- TIA Style Manual
   Document .16 was provided for information.

12f.   3GPP2

J.Brownley provided a brief verbal report.

12g. 3GPP
Brief verbal comments were provided by a few meeting attendees.

12h. ATIS
There was no report.

12i. IFAST
On behalf of E.Hall, D.Crowe presented document .10, the IFAST liaison report, for information.

13. Review Assignments
The assignments are provided and numbered as "Action TR45/2014-12-xx" throughout the meeting report.

14. Review Meeting Schedules

14a. TR-45 2015 Schedule
Documents .15 was provided for information.

14b. Subcommittee 2015 Schedules
It was noted that the Subcommittees' 2015 schedules were provided in documents .03, .04, .05, and .06.

15. Open Discussion
None

16. Adjournment
Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The meeting was conducted in accordance with the TIA Legal Guidelines found in the TIA *Procedures for American National Standards* and was adjourned at approximately 4:00pm local time 08 December 2014.

Jane C. Brownley
Chair
Engineering Committee TR-45