Approved by General Counsel

TR-45 Meeting Report

Date(s): 06/04/2014 - 06/05/2014

Location: Dallas, TX

Approved: 07/09/2014

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

1. **Call to Order & Opening Remarks**
   The TR-45 Committee was convened on 4 June 2014 at the Hyatt Regency Hotel in Dallas, TX at 1:05 PM
   local time. J.Brownley/Chair called the meeting to order and welcomed the TR-45 membership to Dallas, TX
   and to the "TIA 2014 Network of the Future" conference.

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. CommFlow Resources	G. Pellegrino	X	X
3. Ericsson	J. Ragsdale	X	X
4. Qualcomm, Inc	F. Quick (virtual)	X	X
5. Sprint	M. Lipford	X	X

Quorum List – Members Absent			
Member	**Representative**	**Attendance**	
		Last	**Prior**
6. CDMA Development Group	*vacant*	X	X
7. LG Electronics	S. Kim	X	
8. Verizon Wireless	Z. Zhao		

[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 (virtual)
2. Alcatel-Lucent	O. Pearson
3. Alcatel-Lucent	G. Kizer
4. Cisco	F. O'Brien
5. Qualcomm	D. Ott (virtual)
6. TIA	S. Montgomery
7. TIA	J. Derr

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4. Agenda Review & Approval

A motion was made by O.Pearson and seconded by G. Pellegrino to approve the meeting agenda provided in document .01r2 as amended. The motion passed with no objections.

Chair's Note, the meeting agenda provided in document .01r3 as amended during the course of the meeting is available at http://ftp.tiaonline.org/TR-45/TR-45_MAIN/WORKING/2014jun.

5. Early Disclosure Policy

The Chair duly informed the meeting attendees of the TIA Patent Policy, per Note 3 on the meeting agenda. There were no comments from the meeting attendees regarding the early disclosure of patents.

6. Introduction of Submissions and Contributions and Numbering

The following documents were numbered and assigned accordingly. Meeting participants were strongly encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.

Number	Title	Source	Agenda Item
TR45/14.06.04.00 r2	Submission & Contribution Assignment List	J.Brownley Chair	6
TR45/14.06.04.01r3	Meeting Agenda	J.Brownley Chair	4
TR45/14.06.04.02	TR-45 Meeting Report of 12 March 2014	J.Brownley Chair	7
TR45/14.06.04.03	TR-45.3 Report	J. Ragsdale Acting Chair	8a, 13b
TR45/14.06.04.04	TR-45.4 Report	D. Ott Chair TR-45.4	8b, 13b
TR45/14.06.04.05	TR-45.5 Report	O. Pearson Chair TR-45.5	8c, 13b
TR45/14.06.04.06r1/ a/a1/b	TR-45.8 Report	B.Covell Chair TR-45.8	8d, 13b
TR45/14.06.04.07	TR-45 Meeting Schedule for 2015	J.Brownley Chair	13c
TR45/14.06.04.08/a/ b	TR-45 Working Group on Microwave Systems Report	G. Kizer Chair WG on MS	8i
TR45/14.06.04.09/a	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	8f
TR45/14.06.04.10	IFAST Liaison Report	E. Hall IFAST Liaison	11i
TR45/14.06.04.11	ITU-R Liaison Report	J. Ragsdale ITU-R Liaison	11c
TR45/14.06.04.12/a	MEID Administrator's Report	J. Derr MEID Administrator	8f
TR45/14.06.04.13	TR-45 Meeting Report of 9 December 2013	J.Brownley Chair	7
TR45/14.06.04.14r1	TR-45 Meeting Schedule for 2014	J.Brownley Chair	13a

TR45/14.06.04.15/a	Email correspondence to ITU-R WP5D on Submission of ITU-R WP5D Technical Package for M.1457 on CDMA-MC	S.Montgomery TIA	9a
TR45/14.06.04.16/a	Email correspondence to ITU-R WP5D on TIA CDMA-MC FFD/TDD Spreadsheet Submission for M.1457	S.Montgomery TIA	9a
TR45/14.06.04.17/a	Email correspondence to ITU-R WP5D on M.1457 Certification Form B Submission	S.Montgomery TIA	9a
TR45/14.06.04.18	Email correspondence to TSSC on C63.14 EMC Dictionary Ballot Is Open	S.Whitesell TIA Representative to ASC C63	10a
TR45/14.06.04.19/a	ECOP Training	S.Montgomery TIA	11e
TR45/14.06.04.20	TIA Engineering Committee Operating Procedures (ECOP) (effective 1 May 2014)	TIA	11e
TR45/14.06.04.21/a/ b	Email correspondence to ITU-R WP5D on TIA input for the Preliminary Draft new Report ITU-R M.[IMT.ARCH]	O.Pearson Chair TR-45.5	9b
TR45/14.06.04.22	Request to Transfer Standards for TDMA-SC	J. Brownley Chair	8a
TR45/14.06.04.23/a	Email correspondence TIA GSC-18 Delegation on GSC-18 Draft Agenda	M. Epstein HoD TIA GSC-18	9c
TR45/14.06.04.24	TIA Retirement Announcement of Herb Congdon	G. Seiffert TIA	11e

7. Review of Meeting Report from Previous Meetings

The TR-45 Committee 9 December 2013 meeting report numbered TR45/14.06.04.13 was provided. The TR-45 Committee 12 March 2014 meeting report numbered TR45/14.06.04.02 was provided. Both meeting reports were approved with no objections.

8. Reports

8a. TR-45.3 Subcommittee

J.Ragsdale presented document .03 as the TR-45.3 report to TR-45 for information. It was noted that the TDMA-SC updates were approved by TR-45.3 and ATIS to go forward to ITU-R WP5D for Recommendation M.1457. Document .22 was provided for information. The TR-45 request to transfer three parts of the TDMA Family of Standards to ATIS to consolidate the updates to ITU-R Recommendation M.1457 for TDMA-SC is being considered by TIA and pending TIA legal review. TIA feedback plans to provide feedback prior to the next TR-45 meeting in September 2014.

8b. TR-45.4 Subcommittee

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

8c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the TR-45.5 report to TR-45 for information.

8d. TR-45.8 Subcommittee

B.Covell presented document .06r1 as the TR-45.8 report to TR-45 for information. It was noted that per the new TIA Engineering Committee Operating Procedures (ECOP) no TR-45 action is required to reaffirm or withdraw the TIA standard TIA-1156-A.

8e.   Ad Hoc on Authentication Group (AHAG)
F.Quick indicated that there was nothing to report at this time.

8f.   AHG on ESN/UIM/MEID (EUMAG)
Document .09 with attachment .09a was provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) report to TR-45 for information. Jim Zimmerman of Tracfone Wireless, Inc joined the meeting as a guest and provided a brief overview of Tracfone needs as well as potential opportunities relative to device management.

- **MEID Administrator's Report**
  Documents .12 and .12a were provided for information.

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

8g.   J-STD-025 Series Report
There was nothing to report, at this time.

8h.   OID Administrators Report
It was noted that the OID Administrators Guidelines document was provided to the ATIS Lawful Intercept subgroup in April 2014 for their use.

8i.   TR-45 Working Group on Microwave Systems
G.Kizer provided document .08 as the TR-45 Working Group on Microwave Systems report to TR-45. In addition, documents .08a (that describes the activities and 14 areas of interest of the WG) and .08b (that contains the draft Working Document) were provided for information. It was noted that the work of the Working Group is about fifty percent complete with a fair amount of work still to be completed.

Action TR45/2014-06-01
The Chair and TIA agreed to provide to the Working Group a template and guidance on how best to format the Microwave System standards document.

Action TR45/2014-03-02
Document .08a was remanded to the TR-45 Subcommittees for information.

9. Old Business

9a.   Recommendation M.1457-11 to proposed M.1457-12
Documents **.**15, .16, and .17 were provided for information.

9b.   Liaison Statement from ITU-R WP5D on Architecture and Topology of IMT Networks
Document .21 was provided for information.

9c. GSC-18 Agenda
Document .23 was provided for information.

10. New Business

10a.   C63.14 EMC Dictionary Ballot Open
Document **.**18 was provided for information.

11. Liaison Reports

11a. CTIA
There was no report.

11b. ITU-T
There was no report.

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

11d. CITEL
There was no report.

11e. TIA
Document .24 was provided for information.

- **TIA Engineering Committee Operating Procedures (ECOP)**
  Documents .19 and .20 were provided for information.

  Action TR45/2014-06-03
  Documents .19 and .20 were remanded to the TR-45 Subcommittees, Ad Hoc Groups, and Working Groups for information and reference.

11f. 3GPP2
J.Brownley provided a brief verbal report.

11g. 3GPP
M.Lipford provided a brief verbal report.

11h. ATIS
There was no report.

11i. IFAST
On behalf of E.Hall, G.Pellegrino presented document .10, the IFAST liaison report, for information.

12. Review Assignments
The assignments are provided and numbered as "Action TR45/2014-06-xx" throughout the meeting report.

13. Review Meeting Schedules

13a. TR-45 2014 Schedule
Documents .14r1 was provided for information.

13b. Subcommittee 2014 Schedules
It was noted that the Subcommittees' 2014 schedules were provided in documents .03, .04, .05, and .06r1.

13c. TR-45 2015 Schedule
Document .07 was provided for information.

14. Open Discussion

None

15. 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 4:05pm local time 4 June 2014.

Jane C. Brownley
Chair
Engineering Committee TR-45