

Approved by General Counsel

TR-45 Meeting Report

Date(s): 06/03/2015 - 06/03/2015

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

Approved: 08/20/2015

Telecommunication Industry Association (TIA)
TR-45 Committee
Mobile & Personal Communications Standards
Report of Meeting
03 June 2015

1. Call to Order & Opening Remarks

The TR-45 Committee was convened on 03 June 2015 as a teleconference at 2:00 PM eastern time. M. Lipford/Vice Chair called the meeting to order and welcomed the TR-45 membership to the teleconference.

2. Important Notice of Participation

The Vice 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	O. Pearson	X	X
2. Cellular Network Perspective	D. Crowe	X	X
3. CommFlow Resources	G. Pellegrino	X	X
4. Ericsson	J. Ragsdale	X	X
5. Qualcomm	D. Ott	X	X
6. Sprint	M. Lipford	X	X

Quorum List – Members Absent			
Member	Representative	Attendance	
		Last	Prior
7. Mobility Development Group	D. Martel	X	
8. Cisco	F. O' Brien		

[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. IFAST	E. Hall
2. TIA	S. Montgomery

4. Agenda Review & Approval

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

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.

1 **6. Call for Nominations of TR45 Chair**

2 The Vice Chair notified the members that the TR45 Chair, J. Brownley has resigned due to retirement from
3 Alcatel Lucent. The Vice Chair also indicated that a call for nominations for Chair will be issued and
4 members are encouraged to consider the opportunity

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6 **7. Introduction of Submissions and Contributions and Numbering**

7 The following documents were numbered and assigned accordingly. Meeting participants were strongly
8 encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.
9

Number	Title	Source	Agenda Item
TR45/15.06.03.00 R2	Submission & Contribution Assignment List	M. Lipford Vice Chair	7
TR45/15.06.03.01R 2	Meeting Agenda	M. Lipford Vice Chair	4
TR45/15.06.03.02	TR-45 Meeting Report of 12 March 2014	M. Lipford Vice Chair	8
TR45/15.06.03.03	TR-45.3 Report	J. Ragsdale Acting Chair	9a
TR45/15.06.03.04	TR-45.4 Report	Vacant	
TR45/15.06.03.05	TR-45.5 Report	O. Pearson Chair TR-45.5	9c
TR45/15.06.03.06	TR-45.8 Report	B.Covell Chair TR-45.8	9d
TR45/15.06.03.07	TR45 2015 Meeting Schedule	M. Lipford Vice Chair	13a
TR45/15.06.03.08	TR45 Leadership Terms	M. Lipford Vice Chair	9
TR45/15.06.03.09	EUMAG Meeting Report	G.Pellegrino	8f
TR45/15.06.03.10	IFAST Liaison Report	D. Crowe	11i
TR45/15.06.03.11	ITU-R Liaison Report	J. Ragsdale	11c

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11 **8. Review of Meeting Report from Previous Meetings**

12 The TR-45 Committee 04 March 2015 meeting report numbered TR45/15.06.03.02 was provided. The
13 meeting report was approved with no objections.

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15 **9. Reports**

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17 **9a. TR-45.3 Subcommittee**

18 J.Ragsdale presented document .03 as the TR-45.3 report to TR-45 for information.

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20 TR-45.3 has not held a meeting since its last meeting on August 19, 2014

21
22 Action TR45/2015-03-01:

23 TIA staff agreed to take administrative action to withdrawal the TR-45.3 American National Standards
24 (ANS) and move the TR-45.3 ANS to TIA standards. It was noted that no action is required relative to
25 TR-45.3 TIA standards. Status: Work is still in progress.
26
27

9b. TR-45.4 Subcommittee

TR45.4 subcommittee is now closed and all activities are moved into TR45.5 subcommittee. No report to provide.

9c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the TR-45.5 report to TR-45 for information. TR45.5 had submitted a liaison to ITU WP5D for updates to M.1457-12 to revision 13. Two new documents are in 30-day ballot, and six document have been approved for publication.

Remaining work in TR-45.5:

- a. Open action items (TIA-1185.300) from TIA Legal which should be addressed during the September 16, 2015 plenary session.
- b. Modifications to E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Air Interface Specification
- c. Open ITU related action items.

Update to Action TR45/2015-03-05:

TIA staff will upload the revised TR-45.5scope and charter to the TIA website and remove TR-45.4 scope and charter. Status: Completed

9d. TR-45.8 Subcommittee

D.Crowe presented document .06 as the TR-45.8 report to TR-45 for information.

An election was held for TR45.8 Chair and Mr. D. Crowe was elected by acclamation. Vice chair elections are expected by the next TR45 Committee meeting.

Note able Activities

- a. Progress has started on the Canadian CMAS specification, known as WPAS.
- b. MMS-to-911 ballot review (J-STD-110) has completed.
- c. Ballot has completed for TIA-1190-A (System Requirements for Extended Cell HRPD) and TSB-29-F (International Implementations).

9e. Ad Hoc on Authentication Group (AHAG)

No report provided

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

Document .09 was provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) report to TR-45 for information.

- **MEID Administrator's Report**

There was no report. It was noted that single mode and multimode assignments are being made.

- **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

No report.

9i. TR-45 Working Group on Microwave Systems

No Report

10. Old Business

There was discussion on updating the leadership terms document and ongoing housekeeping of the FTP site for TR45.4

Action Item from previous meeting were reviewed and status updated. A table at the end of these note will be used for tracking ongoing actions. The Vice Chair will provide a new document for this work at the next meeting.

11. New Business

No new Business was discussed

12. 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

S. Montgomery provided a brief verbal report and shared information about changes with TIA staff. TIA Style manual on track to be approved at the July TSSC meeting. 5G progrss issued a 5G operator survey whitepaper, TIA2015 held a session on 5G, with a future meeting planned, with a path forward on how TIA will engage in 5G.

11f. 3GPP2

There was no report.

11g. 3GPP

There was no report.

11h. ATIS

There was no report.

11i. IFAST

E. Hall presented document .10, the IFAST liaison report, for information.

12. Review Assignments

The assignments are provided and numbered at the end of this report.

13. Review Meeting Schedules

13a. TR-45 2015 Schedule

Documents .15 was provided for information.

13b. Subcommittee 2015 Schedules

Approved by TIA General Counsel 8/20/15

It was noted that the Subcommittees' 2015 schedules were provided in documents .03, .05, and .06.

14. Open Discussion

None

15. Adjournment

Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The meeting was adjourned at approximately 4:00pm eastern time 03 June 2015. This meeting was conducted in accordance with the TIA Legal Guides and the engineering procedures.

Mark A. Lipford
Vice Chair
Engineering Committee TR-45

ACTION ITEMS:

Action	Description	Status
TR45/2015-03-01	TIA staff agreed to take administrative action to withdraw the TR-45.3 American National Standards (ANS) and move the TR-45.3 ANS to TIA standards. It was noted that no action is required relative to TR-45.3 TIA standards.	Work in progress
TR45/2015-03-02	The meeting summary of the last TR-45.4 will be provided to the TR-45.5 Chair from the TR-45.4 Chair. A list of the TR-45.4 quorum member companies will be provided to the TR-45.5 Chair from TR-45.4 Chair.	Closed
TR45/2015-03-03	TIA staff will move the members of the TR-45.4 e-mail distribution list to the TR-45.5 e-mail distribution list. In addition, an e-mail will be sent to the TR-45.4 members to indicate that TR-45.4 has been disbanded and the work moved to TR45.5 going forward.	Closed
TR45/2015-03-04	The Chair will remove the TR-45.4 Report from the TR-45 standing agenda items.	Closed
TR45/2015-03-05	TIA staff will upload the revised TR-45.5 scope and charter to the TIA website and remove TR-45.4 scope and charter.	Pending
TR45/2015-03-06	The Chair will work with TIA to provide a plaque of appreciation to F.Quick on behalf of TR-45. Update (Mark to reach out to Simon (ALU) for plaque language, Steph to send example)	Open
TR45/2015-03-07	The Chair will request that the Working Group provide a draft of the standard at the next TR-45 meeting in June 2015.	Open
TR45/2015-03-08	The Chair will request that the formulating committee and the Working Group conduct a Verification & Validation (V&V) review of the completed document prior to formulating group consideration for approval for ANSI ballot.	Open
TR45/2015-03-09	J.Ragsdale, the TR-45 ITU-R Liaison, will be on the copy to of all TIA submissions to the ITU related to TR-45 and its Subcommittees.	Closed
TR45/2015-03-10	Document .19 was remanded to TR-45.5 for information.	Closed
TR45/2015-06-01	S. Montgomery to send email calling for TR45 Chair nominations	Open

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TR45/2015-06-02	Vice Chair to work with TIA on plaques for F.Quick (TR45.AHAG) and J. Brownley (TR45)	Open
TR45/2015-06-03	S. Montgomery/M. Lipford to get .doc version of Microwave document and start V&V	Open
TR45/2015-06-04	Vice Chair to create a table for tracking action items	Closed