Approved by General Counsel

TR-45 Meeting Report

Date(s): 06/01/2016 - 06/01/2016

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

Approved: 08/25/2016

**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

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1.   Call to Order & Opening Remarks

The meeting was opened on 1 June 2016 by the Vice Chair, Mr. David Crowe (IFAST), and began at 1:06pm (ET).

2.   Important Notice of Participation (see Note 1)

Participants were informed of the Important Notice of Participation, as shown below and in Note 1 on the agenda. There were no comments or questions.

> **Important Notice for Participation**
>
> Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of TIA Standards Development Procedures and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by the head of the TIA Standards Department on a case-by-case basis.

3.   Attendance Registration & Roll Call

Meeting attendees signed in electronically (http://www.tiaonline.org/standards/committees/rosters/) and attendance was recorded, as indicated by the quorum information provided below. Quorum was achieved as five (5) of the six (6) quorum members were present (83% participation).

Quorum Members Present	Quorum Members Absent	Guests/Observers/Others
Alcatel-Lucent	Ericsson	Rohde & Schwartz
CommFlow Resources		TIA
IFAST		
Nokia		
Qualcomm		

4.   Agenda Review & Approval

Decision 45-2016/06-

The agenda presented in TR45/160601-01r2 was approved.

- Motion – Qualcomm, CommFlow Resources

(Secretary's Note: The agenda was updated during its review. An r2 of the report was created and uploaded to the ftp site after the meeting.)

5.   Early Disclosure Policy

Participants were informed of the TIA Patent Policy, as shown below and in Note 3 on the agenda. There were no comments or questions for clarification.

INTELLECTUAL PROPERTY RIGHTS (early disclosure policy)

TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.

6.   Introduction of Submissions and Contributions and Numbering

Contributions were uploaded to the TIA ftp server and noted on the document register (TR45/160302-00r1).

7.   Review of Meeting Report from Previous Meeting(s)

During the review of the 2 March 2016 meeting summary, as provided in TR45/160601-02, a typo on the last page was noted ("December" was misspelled).

Decision 45-2016/06-02

TR45/160601-02r1, the summary of the 2 March 2016 meeting, was approved.

- Motion –Alcatel-Lucent, Qualcomm

8.   Reports

8a   TR-45.3 Sucommittee – J. Ragsdale

No report was given.

8b   TR-45.5 Subcommittee – O. Pearson

The TR-45.5 Chair presented her report, as provided in TR45/160601-03. Of particular note:

- TR-45.5 submitted the M.1457-13 recommendation to the ITU-R WP 5D.
- 3GPP2 has withdrawn the eCall work item. No action from TR-45 is needed.

Action 45-2016/06-01

TIA will work with the TR-45.5 Chair to confirm all of the necessary information related to the M.1457-13 recommendation has been submitted to the ITU-R WP 5D.

8c   TR-45.8 Subcommittee – D. Crowe

The TR-45.8 Chair presented his report, as provided in TR45/160601-04. Of particular note:

- LIG expects to approve v0.12 of its TIA-PN 4986 standard for "LAES for cdma2000 Femtocells baseline during its next meeting on 2 June.

Action 45-2016/06-02

The Chair will contact Peter Musgrove to get an update on J-STD-103.

8d   Ad Hoc on authentication Group (AHAG) – S. Mizikovsky

No report was given.

8e   AHG on ESN/UIM/MEID (EUMAG) – G. Pellegrino & J. Derr

The EUMAG Chair presented his report, as provided in TR45/160302-05. Of particular note:

- A developer change has caused a delay in the MEID database development.
- No MEID/EUIMID administration report was provided.

8f   J-STD-025 Series – G. Pellegrino

There has been no activity since the last TR-45 meeting.

8g   OID Administrators Report – G. Pellegrino & V. Mitchell

There has been no activity since the last TR-45 meeting.

8h   TR-45 Working Group on Microwave Systems - G. Kizer & R. Marrow

The Microwave Systems Chair presented his report, as provided in TR45/160601-08. Of particular note:

- The remaining two (2) tasks are expected to be complete in Q3 2016.

Action 45-2016/06-03

George will send the Secretary potential dates for a Doodle poll to identify dates on which an editing session(s) of the available parts of the Microwave document can be held.

9.   Old Business

9a.   TR-45 Chair Vacancy

Participants were reminded of the TR-45 Chair vacancy. Candidates were encouraged to express their interest in the position by contacting the Chair and/or TIA.

10.   New Business

10a   September 2016 TR-45 Date & Location

Decision 45-2016/06-03

TR-45 will hold a face-to-face meeting at the TIA office on Tuesday, 13 September 2016 from 1:00pm – 4:00pm (local). This meeting replaces the previously scheduled 7 September meeting.

11.   Liaison Reports

11a   CTIA

No report.

11b   ITU-T

No report.

11c   ITU-R – J. Ragsdale

No report.

11d   CITEL

No report.

11e   TIA – S. Montgomery & V. Mitchell

No report.

11f   3GPP2

No report.

11g   3GPP

No report.

1 <u>11h   ATIS</u>
2 No report.

3 <u>11i   IFAST – E. Hall</u>
4 The IFAST report to TR-45 was presented, as provided in TR45/160601-09.
5 • The FCC has notified IFAST of an upcoming change to the way in which SID codes are administered.
6 IFAST will need to conform to any changes made by the FCC.

7 **12.   Review Assignments**
8 The TR-45 action items were reviewed and updated:

Action	Description	Status
TR45/2015-03-08	The Chair will request that the formulating committee and the Microwave Working Group conduct a Verification & Validation (V&V) review of the completed document prior to formulating group consideration for approval for ANSI ballot. • This will include getting a draft of the standard. • Expected to be reviewed in summer (June/July) (TR-45)	Open
45-2016/03-01	TIA will confirm that TIA-PN-1184-A (TIA-1184-A) has been withdrawn, as noted in TR45/160302-03.	Closed
45-2016/03-02	TIA will confirm that all former TR-45.2 and TR-45.6 documents have been re-assigned to TR-45.8 for maintenance.	Closed
45-2016/03-03	TIA will confirm that all ANSI/TIA-10 paperwork has been completed so that when the document is ready for ballot, there won't be any administrative tasks impeding its progress.	Closed

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10 **13.   Review Meeting Schedules**

11 <u>13a   TR-45 2016 Schedule</u>
12 • 13 September 2016 @ 1:00pm (ET) – TIA offices, Arlington, VA
13 • 7 December 2016 @ 1:00pm (ET) - Teleconference

14 <u>13b   Subcommittee 2016 Schedules</u>
15 The subcommittee meeting schedules can be found in each subcommittee report.

16 **14.   Open Discussion**
17 None

18 **15.   Adjournment**
19 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. This meeting was
20 conducted in accordance with the TIA Legal Guides and the TIA Engineering Procedures and was adjourned at
21 1:51pm (ET) on 1 June 2016.

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David Crowe
Vice Chair
Engineering Committee TR-45

June 2016 TR-45 Decisions

Decision 45-2016/06-

The agenda presented in TR45/160601-01r2 was approved.

- Motion – Qualcomm, CommFlow Resources

Decision 45-2016/06-02

TR45/160601-02r1, the summary of the 2 March 2016 meeting, was approved.

- Motion –Alcatel-Lucent, Qualcomm

Decision 45-2016/06-03

TR-45 will hold a face-to-face meeting at the TIA office on Tuesday, 13 September 2016 from 1:00pm – 4:00pm (local). This meeting replaces the previously scheduled 7 September meeting.

June 2016 TR-45 Recorded Actions

Action 45-2016/06-01

TIA will work with the TR-45.5 Chair to confirm all of the necessary information related to the M.1457-13 recommendation has been submitted to the ITU-R WP 5D.

Action 45-2016/06-02

The Chair will contact Peter Musgrove to get an update on J-STD-103.

Action 45-2016/06-03

George will send the Secretary potential dates for a Doodle poll to identify dates on which an editing session(s) of the available parts of the Microwave document can be held.