



## **Approved by General Counsel**

TR-45 Meeting Report

Date(s): 03/02/2016 - 03/02/2016

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

Approved: 06/16/2016

Telecommunications Industry Association  
TR-45 – Mobile & Personal Communications Standards  
(Approved) 2 March 2016 Meeting Summary  
Teleconference

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**1. Call to Order & Opening Remarks**

The meeting was opened on 2 March 2016 by the Victoria Mitchell, TIA, and began at approximately 1:05pm (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 four (4) of the five (5) quorum members were present (80% participation).

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

**4. Chair/Vice Chair Elections**

TR45/160302-07, Vice Chair Nomination Letter, was reviewed.

**Decision 45-2016/03-01**

By acclamation, David Crowe – IFAST, was confirmed as the new TR-45 Vice Chair.

- Motion – Alcatel-Lucent, Qualcomm

**Decision 45-2016/03-02**

Future TR-45 agendas will no longer include a topic for "Vice Chair Elections"; however, a "Chair Election" topic shall remain until the position is filled.

Following the Vice Chair elections, TIA handed over the management of the meeting to the newly-elected Vice Chair, Mr. David Crowe.

## 5. Agenda Review & Approval

### Decision 45-2016/03-03

The agenda presented in TR45/160302-01r1 was approved.

- Motion – CommFlow Resources, Alcatel-Lucent

*(Secretary's Note: The agenda was updated during the meeting to include the IFAST report (TR45/160302-09). An r2 of the report was created and uploaded to the ftp site.)*

## 6. 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.

## 7. Introduction of Submissions and Contributions and Numbering

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

The Secretary noted that contribution TR45/160302-11 was numbered incorrectly and should actually be contribution TR45/160302-07. A file name correction to the ftp document was made and participants were asked to correct their local copy if the document had already been downloaded.

## 8. Review of Meeting Report from Previous Meeting(s)

During the review of the 2 December 2015 meeting summary, as provided in TR45/160302-02, a few typos were noted as listed below. The committee felt an updated report was not required and requested that the editorial changes be noted in this meeting summary.

- In section 3, "CommFloe Resources" should be "CommFlow Resources".
- In section 7, contribution TR45/15.12.02.07 was also "vacant".

### Decision 45-2016/03-04

TR45/160302-02, the summary of the 2 December 2015 meeting, was approved.

- Motion – CommFlow Resources, Alcatel-Lucent

## 9. Reports

### 9a TR-45.3 Sucommittee – J. Ragsdale

No report was given.

### 9b TR-45.5 Subcommittee – O. Pearson

The TR-45.5 Chair presented her report, as provided in TR45/160302-03. Of particular note:

- TR-45.5 will schedule a meeting to approve the three (3) outstanding ITU-related contributions. Following approval, the contributions will be submitted to the ITU.

- 3GPP2's TSG-AC recently approved a new work item related to eCall. This may require that TR-45.5 open a new project. More information will be provided, as it becomes available.

**Action 45-2016/03-01**

TIA will confirm that TIA-PN-1184-A (TIA-1184-A) has been withdrawn, as noted in TR45/160302-03.

**9c TR-45.8 Subcommittee – D. Crowe**

The TR-45.8 Chair presented his report, as provided in TR45/160302-04. Of particular note:

- 3GPP2's proposed new eCall work item may also affect TR-45.8, as a new Stage 1 may be required. A new project may be opened but additional discussions need to occur first. Additional information will be provided, as it becomes available.
- It remains unclear whether the joint (with ATIS) CMAS project will be completed as no recent meetings have been held. Updates will be provided, as they become available.
- The decision on whether or not J-STD-103 affects TIA has yet to be made. The project will remain open until a decision is made.

**Action 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.

**9d Ad Hoc on authentication Group (AHAG) – S. Mizikovsky**

No report was given.

**9e 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:

- The MEID database launch is on schedule for going live Q1-2016.
  - Currently confirming data integrity
- No MEID Administrator's Report was given.
- ESN & UIM\_ID Administrators' reports will not be submitted into future TR-45 meetings. A verbal update will be provided, as needed.

**9f J-STD-025 Series – G. Pellegrino**

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

**9g OID Administrators Report – G. Pellegrino & V. Mitchell**

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

**9h TR-45 Working Group on Microwave Systems - G. Kizer & R. Marrow**

The Microwave Systems Chair presented his report, as provided in TR45/160302-08. Of particular note:

- Two (2) tasks remain before ANSI/TIA-10 can enter the ballot phase. Completion of these tasks is expected in late-Spring/early-Summer 2016.

**Action 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.

**10. Old Business**

None

**11. New Business**

None

**12. Liaison Reports**

12a CTIA

No report.

12b ITU-T

No report.

12c ITU-R – J. Ragsdale

No report.

12d CITEI

No report.

12e TIA – S. Montgomery & V. Mitchell

No report.

12f 3GPP2

No report.

12g 3GPP

No report.

12h ATIS

No report.

12i IFAST – E. Hall

The IFAST report to TR-45 was presented, as provided in TR45/160302-09. There were no comments or questions for clarification.

**13. Review Assignments**

The TR-45 action items were reviewed and updated:

Action	Description	Status
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 Microwave Working Group provide a draft of the standard at the next TR-45 meeting in June 2015.	Closed - see TR45/2015-03-03
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.	Open

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	<ul style="list-style-type: none"> <li>This will include getting a draft of the standard.</li> <li>Expected to be reviewed in summer (June/July) (TR-45)</li> </ul>	
TR45/2015-06-02	<p>Vice Chair to work with TIA on plaques for F.Quick (TR45.AHAG) and J. Brownley (TR45)</p> <ul style="list-style-type: none"> <li>Jane &amp; Mark's plaques reviewed and approved during meeting. Send Simon Frank's text for quick review.</li> </ul>	Open
TR45/2015-06-03	<p>S. Montgomery/M. Lipford to get .doc version of Microwave document and start V&amp;V</p> <ul style="list-style-type: none"> <li>2 December 2015 Update – Editable versions have been received; document not ready for V&amp;V.</li> </ul>	Closed

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## 14. Review Meeting Schedules

### 14a TR-45 2016 Schedule

- 1 June 2016 @ 1:00pm (ET) – Teleconference
- 7 September 2016 @ 10:00am (ET) – TIA offices, Arlington, VA
- 7 December 2016 @ 1:00pm (ET) - Teleconference

### 14b Subcommittee 2016 Schedules

The subcommittee meeting schedules can be found in each subcommittee report.

## 15. Open Discussion

David Ott, Qualcomm, was thanked for his service to TR-45.

## 16. Adjournment

Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. This meeting was conducted in accordance with the TIA Legal Guides and the TIA Engineering Procedures and was adjourned at 2:16pm (ET) on 2 March 2016.

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David Crowe  
Vice Chair  
Engineering Committee TR-45

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1 **March 2016 TR-45 Decisions**

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2 **Decision 45-2016/03-01**

3 By acclamation, David Crowe – IFAST, was confirmed as the new TR-45 Vice Chair.

4 **Decision 45-2016/03-02**

5 Future TR-45 agendas will no longer include a topic for “Vice Chair Elections”; however, a “Chair Election”  
6 topic shall remain until the position is filled.

7 **Decision 45-2016/03-03**

8 The agenda presented in TR45/160302-01r1 was approved.

9 **Decision 45-2016/03-04**

10 TR45/160302-02, the summary of the 2 December 2015 meeting, was approved.

11 **March 2016 TR-45 Recorded Actions**

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12 **Action 45-2016/03-01**

13 TIA will confirm that TIA-PN-1184-A (TIA-1184-A) has been withdrawn, as noted in TR45/160302-03.

14 **Action 45-2016/03-02**

15 TIA will confirm that all former TR-45.2 and TR-45.6 documents have been re-assigned to TR-45.8 for  
16 maintenance.

17 **Action 45-2016/03-03**

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19 ballot, there won't be any administrative tasks impeding its progress.