

**Approved by General Counsel**

TR-45 Meeting Report

Date(s): 09/06/2017 - 09/06/2017

Location: TIA's Office - Arlington, VA

Approved: 12/14/2017

Telecommunications Industry Association  
TR-45 – Mobile & Personal Communications Standards  
(Approved) 6 September 2017 Meeting Summary  
Teleconference

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

The meeting was opened on 6 September 2017 by the Vice Chair, Mr. David Crowe (IFAST), and began at 1:10pm (ET). Participants were welcomed to the TIA offices.

**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 four (4) quorum members were present (100% participation).

Quorum Members Present	Quorum Members Absent	Guests/Observers/Others
CommFlow Resources		
IFAST		
Nokia		
Qualcomm		

**4. Agenda Review & Approval**

**Decision 45-2017/09-01**

The agenda provided in TR45/170906-01r2 was approved.

- Motion – Qualcomm, CommFlow Resources

*(Secretary's Note – A change was made to the agenda after its approval; 170607-01r3 was uploaded to the ftp site following the meeting's adjournment.)*

**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)**

Approved by TIA General Counsel 12/14/17  
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1 TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and  
2 attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early)  
3 of Essential Patent(s) and published pending patent application(s) that may be essential to the practice  
4 of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual  
5 Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights  
6 Guidelines.

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

8 Contributions were uploaded to the TIA ftp server and noted on the document register (TR45/170906-00r1).

## 9 **7. Review of Meeting Report from Previous Meeting(s)**

### 10 **Decision 45-2017/06-02**

11 TR45/170906-02r2, the summary of the 7 June 2017 meeting, was approved.

- 12 • Motion – CommFlow Resources, Qualcomm

## 13 **8. Reports**

### 14 **8a TR-45.5 Subcommittee – D. Ott**

15 TR-45.5 hadn't met since the last TR-45 meeting; therefore, no report was provided.

### 16 **8b TR-45.8 Subcommittee – D. Crowe**

17 The TR-45.8 Chair presented his report, as provided in TR45/170906-04. There were no comments or  
18 questions for clarification.

### 19 **8c (Dormant) Ad Hoc on authentication Group (AHAG)**

20 No report.

### 21 **8d AHG on ESN/UIM/MEID (EUMAG) – G. Pellegrino & J. Derr**

22 The EUMAG Chair presented his report, as provided in TR45/170906-05. There were no questions for  
23 clarification.

24 During his MEID Administrator's verbal report, John Derr noted that there were MEID use and labeling issues  
25 found during a recent trip to China (e.g., devices using numbers that were never assigned by TIA). China  
26 Telecom was notified and have agreed to work with TIA to get the issue sorted out; CT doesn't want  
27 unlicensed devices on their network.

28 While ESN numbers are no longer assigned, John Derr noted that as the Administrator we do have a  
29 responsibility to ensure no issues arise.

### 30 **8e J-STD-025-B Series – G. Pellegrino**

31 TR45/170906-11, a table showing the TR-45 ANSI/J-STD-025 Series activity, was presented and reviewed. Of  
32 particular note:

- 33 • While J-STD-025-A should have been superseded by J-STD-025-B, Gary recommended that -A be  
34 reaffirmed as there is text in -A that didn't make it into revision -B.

### 35 **Decision 45-2017/09-**

36 J-STD-025-A and J-STD-025-B (and its addendums -1 and -2) will be reaffirmed.

- 37 • Motion – CommFlow Resources, IFAST

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1 **Action 45-2017/09-01**

2 ATIS will be notified of the decision to reaffirm J-STD-025-A and J-STD-025-B (and its addendums -1 and -2). An  
3 ATIS-coordinated reaffirmation ballot will be opened.

4 8f **OID Administrators Report – G. Pellegrino & V. Mitchell**

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

6 8g **TR-45 Working Group on Microwave Systems - G. Kizer**

7 TR45/170906-08, the TR-45 Working Group on Microwave Systems report, was presented. During discussions,  
8 the Chair noted that a single issue remains; once completed ANSI/TIA 10-2017 will be ready for balloting. He  
9 also noted that the current drafts of all chapters are available on the ftp site.

10 **9. Old Business**

11 9a **TR-45 Chair Vacancy**

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

14 **10. New Business**

15 10a **2018 TR-45 Meeting Schedule**

16 **Action 45-2017/09-02**

17 The Secretary will circulate the proposed 2018 TR-45 meeting calendar for a three (3) day electronic approval,  
18 following the same model for date selection as past years (one meeting/quarter, held on the 1<sup>st</sup> Wednesday of  
19 the last month of each quarter). The 3GPP2 TSG schedules will be taken into consideration to coordinate TR-  
20 45.5 and TR-45.8 schedules.

21 10b **Formatting and Publication Process in Support of the Publication of ANSI/TIA 10-2017 “Engineering  
22 Considerations for Fixed Point-to-Point Microwave Systems**

23 As noted in Section 8g of this summary, ANSI/TIA 10-2017 nears completion. To assist the group in preparing  
24 the document’s chapters for balloting and publication, Teesha will send the Chair a document template that  
25 can be used to ensure the document is aligned with the TIA Style Guide.

26 10c **New 5G Ad Hoc Group**

27 TR45/170906-07, a proposal for a new TR-45 Ad Hoc Group on 5G Applications, was reviewed and discussed.  
28 Of particular note:

- 29 • This new working group would not be attempting to standardize 5G. It would focus on the  
30 development of a white paper that could be used to assist in the implementation of 5G.

31 **Action 45-2017/09-03**

32 The Chair will create a revision to TR45/170906-07 that includes a TIA contribution cover page.

33 10d **Reaffirmation of the J-STD-025 Documents**

34 TR45/170906-10, an email from the TIA Secretariat regarding the need to reaffirm J-STD-025, was provided  
35 FYI.

36 **11. Liaison Reports**

37 11a **CTIA**

38 No report.

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1 11b ITU-T

2 No report.

3 11c ITU-R – J. Ragsdale

4 No report.

5 11d CITEI

6 No report.

7 11e TIA – S. Montgomery & V. Mitchell

8 No report.

9 11f 3GPP2

10 No report.

11 11g 3GPP

12 No report.

13 11h ATIS

14 No report.

15 11i IFAST – E. Hall

16 The IFAST report to TR-45 was presented, as provided in TR45/170906-09. During discussions, IFAST noted  
17 that it is currently in discussions w/MDG to host (online) and maintain, as needed, the CDG technical library of  
18 documents.

19 **12. Review Assignments**

20 The TR-45 action items were reviewed.

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. <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>	Open
TR45/2016/06-03	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.	On Hold
TR45/2017-06-01	The Secretary will confirm that neither TIA-1066-A nor TIA-1072-A are designated as ANSI documents. There may be some confusion, given the PN numbers include a “ANSI” prefix. The ANSI designation will be removed. <i>Secretary’s Note: After the meeting, the Secretary realized that this action item was discussed during the meeting. TR-45 has been informed that the action item has been completed. The group will officially document the completion of this action item at its next meeting on 6 December 2017.</i>	See Secretary’s Note

TR45-2017/06-02	The AHAG Chair's name will be removed from future agendas, as the ad hoc is dormant.	Closed
TR45-2017-06-03	Future agendas will note the current revision of J-STD-025 (-B).	Closed
TR45-2017/09-01	ATIS will be notified of the decision to reaffirm J-STD-025-A and J-STD-025-B (and its addendums -1 and -2). An ATIS-coordinated reaffirmation ballot will be opened.	
TR45-2017/09-02	The Secretary will circulate the proposed 2018 TR-45 meeting calendar for a three (3) day electronic approval, following the same model for date selection as past years (one meeting/quarter, held on the 1st Wednesday of the last month of each quarter). The 3GPP2 TSG schedules will be taken into consideration to coordinate TR-45.5 and TR-45.8 schedules.	
TR45-2017/09-03	The Chair will create a revision to TR45/170906-07 that includes a TIA contribution cover page.	Closed

1 **13. Review Meeting Schedules**

2 13a TR-45 2017 Schedule

- 3 • 6 December 2017 – 1:00pm - Teleconference

4 13b Subcommittee 2017 Schedules

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

6 **14. Open Discussion**

7 None

8 **15. Adjournment**

9 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. This meeting was  
10 conducted in accordance with the TIA Legal Guides and the TIA Engineering Procedures and was adjourned at  
11 3:05pm (ET) on 6 September 2017.

12 David Crowe  
13 Vice Chair  
14 Engineering Committee TR-45