



Approved by General Counsel

TR-45 Meeting Report

Date(s): 09/11/2018 - 09/11/2018

Location: TIA Office, Arlington, VA

Approved: 10/15/2018

Telecommunications Industry Association
TR-45 – Mobile & Personal Communications Standards
(Draft) 12 September June 2018 Meeting Summary
Teleconference

1. Call to Order & Opening Remarks

The meeting was opened on 12 September 2018 by the Vice Chair, Mr. David Crowe (IFAST), and began at 1:05pm (ET).

TIA announced that it was actively seeking participation in projects from the user and general interest communities. IFAST and CommFlow Resources noted that their classification should be identified as “general interest”.

Action 45-2018/09-01

Teesha will update IFAST’s and CommFlow Resources’ interest category to “general interest”.

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://standards.tiaonline.org/standards/committees/rosters/>) and attendance was recorded, as indicated by the quorum information provided below. Quorum was achieved as three (3) of the four (4) quorum members were present (75% participation).

Quorum Members Present	Quorum Members Absent	Guests/Observers/Others
CommFlow Resources	Rohde & Schwartz	Nokia*
IFAST		
Qualcomm		

* Nokia is a member of TR-45 and TIA, but not currently on the quorum/voting list.

4. Agenda Review & Approval

The agenda provided in TR45/180912-01r2 was approved as presented.

- Motion –CommFlow Resources, Nokia

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 (TR45/180912-00r1).

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

TR45/180912-02r1, the summary of the 6 June 2018 meeting, was approved as presented.

- Motion –Qualcomm, Nokia

8. Reports

8a TR-45.5 Subcommittee – D. Ott

David Ott, the TR-45.5 Chair presented his report, as provided in TR45/180912-03. There were no questions for clarification.

8b TR-45.8 Subcommittee – D. Crowe

The TR-45.8 Chair presented his report, as provided in TR45/180912-04. Of particular note:

- ANSI is currently reviewing the J-STD-036-C and J-STD-036-C-1 withdrawal ballots to ensure their outreach requirements have been met.
 - A motion was made to authorize TIA to resubmit the paperwork necessary to withdraw J-STD-036-C and J-STD-036-C-1 should ANSI require additional outreach.
 - Motion – CommFlow Resources, IFAST
- ANSI is currently reviewing the J-STD-025-A, J-STD-025-B, J-STD-025-B-1 and J-STD-025-B-2 reaffirmation ballots to ensure their outreach requirements have been met.
 - A motion was made to authorize TIA to resubmit the paperwork necessary to reaffirm J-STD-025-A, J-STD-025-B, J-STD-025-B-1 and J-STD-025-B-2 should ANSI require additional outreach.
 - Motion – CommFlow Resources, IFAST
- A motion was made to authorize TIA to submit the paperwork necessary to reaffirm ANSI/J-STD-025-B-3.
- ~~A motion was made to initiate a reaffirmation ballot of ANSI/J-STD-025-B-3.~~
 - Motion – CommFlow Resources, Qualcomm

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

The EUMAG Chair presented his report, as provided in TR45/180912-05. There were no questions for clarification.

Action 45-2018/09-02

1 Gary will forward a clean version of the updated MEID FAQ (TR45/180912-05a) to TIA for posting on the
2 website.

3 8d OID Administrators Report – G. Pellegrino & V. Mitchell

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

5 8e TR-45 Working Group on Microwave Systems - G. Kizer

6 The TR-45 WGMS has completed its development ANSI/TIA-10. The Chair submitted the document for ballot in
7 TR45/180912-08.

8 TR-45 approved ANSI/TIA-10 for balloting, following the steps outlined in action 45-2018/09-03.

- 9 • Motion – Nokia, CommFlow Resources

10 **Action 45-2018/09-03**

11 Prior to ANSI/TIA-10 being submitted for ballot:

- 12 • By 26 September, Vic will change all table captions to remove the additional space and update the
13 document's headers
- 14 • By 3 October, Gary and David will review 180912-03 and provide comments.
- 15 • Vic will fold those comments into a single version to be submitted for ballot.

16 TR-45 approved the withdrawal of TSB-10-F, following the publication of ANSI/TIA-10.

- 17 • Motion – Nokia, CommFlow Resources

18 **Action 45-2018/09-04**

19 Vic will create an email reflector for the TR-45 WGMS (tr45wgms@tiacomm.org). George will provide the list
20 of participants to be added to the reflector. All future communications regarding ANSI/TIA-10 will be sent via
21 this reflector.

22 **Action 45-2018/09-05**

23 Vic will create a spreadsheet which will be used to submit comments during the ANSI/TIA-10 ballot period.

24 **9. Old Business**

25 9a TR-45 Chair Vacancy

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

28 9b J-STD-025 Reaffirmation Ballot

29 See Section 8b - TR-45.8 Subcommittee of this report.

30 9c J-STD-036 Withdrawal Ballot

31 See Section 8b - TR-45.8 Subcommittee of this report.

32 **10. New Business**

33 10a Draft ANSI/TIA-10 (TR45/180912-06)

34 See Section 8e - TR-45 Working Group on Microwave Systems of this report.

11. Liaison Reports**11a IFAST – E. Hall**

The IFAST report to TR-45 was presented, as provided in TR45/180912-09. There were no questions for clarification.

12. Review Assignments

The TR-45 action items were reviewed and [updated](#), accordingly.

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"> This will include getting a draft of the standard. Expected to be reviewed in summer (June/July) (TR-45) 	In Progress
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.	Canceled
TR45-2018/03-01	Vic will contact Shelby Kiewel, iconectiv, for App-ID Registry statistics.	Canceled
TR45-2018/06-01	Andy Kurtzman and/or Gary Pellegrino will contact IFAST to discuss an NDA to provide IFAST access to the MEID database.	Completed
TR45-2018/06-02	The Secretary will contact the WGMS Chair and get a copy of the working group's update to TR-45. Once received, the report will be circulated to TR-45 and uploaded to the ftp server.	Completed
TR45-2018/06-03	The Vice Chair will email TR-45 and TR-45.8 to get a headcount for lunch that will be served during the meetings taking place on 12 September at TIA's office.	Completed
TR45-2018/06-04	The Secretary will have proposed FY2018 TR-45 meeting dates for consideration during the 12 September TR-45 meeting.	Completed
TR45-2018/06-05	Vic will reupload 3GPP2 X.R0070 to the 3GPP2 website. The document was "lost" during a recent webserver attack.	Open
TR45/2018/09-01	Teesha will update IFAST's and CommFlow Resources' interest category to "general interest".	Open
TR45/2018/09-02	Gary will forward a clean version of the updated MEID FAQ (TR45/180912-05a) to TIA for posting on the website.	Open
TR45/2018/09-03	Prior to ANSI/TIA-10 being submitted for ballot: <ul style="list-style-type: none"> By 26 September, Vic will change all table captions to remove the 	Open

	<p>additional space and update the document's headers</p> <ul style="list-style-type: none">• By 3 October, Gary and David will review 180912-03 and provide comments.• Vic will fold those comments into a single version to be submitted for ballot.	
TR45/2018/09-04	Vic will create an email reflector for the TR-45 WGMS (tr45wgms@tiacomm.org). George will provide the list of participants to be added to the reflector. All future communications regarding ANSI/TIA-10 will be sent via this reflector.	Open
TR45/2018/09-05	Vic will create a spreadsheet which will be used to submit comments during the ANSI/TIA-10 ballot period.	Open

1 **13. Review Meeting Schedules**

2 13a Proposed TR-45 2018 Schedule

- 3
 - 12 December 2018 – 1:00pm-3:00pm (ET) – Teleconference

4 TR-45 agreed to the following 2019 meeting schedule:

- 5
 - Thursday, 14 March 2019 @ 2:00pm (ET) – Teleconference
 - Thursday, 13 June 2019 @ 2:00pm (ET) – Teleconference
 - Tuesday, 10 September 2019 @ 1:00pm (ET) – TIA's Office in Arlington, VA
 - Thursday, 12 December 2019 @ 2:00pm (ET) - Teleconference

9 13b Subcommittee 2019 Schedules

10 Please see the individual TR-45 subcommittee reports for future meeting schedules.

11 **14. Open Discussion**

12 None

13 **15. Adjournment**

14 Having concluded the meeting's deliberations, in record time because TR-45 has the most efficient Vice Chair
15 in the history of Vice Chairs, a motion was made to adjourn the meeting. This meeting was conducted in
16 accordance with the TIA Legal Guides and the TIA Engineering Procedures and was adjourned at
17 approximately 3:45pm (ET) on 12 September 2018.

18 David Crowe
19 Vice Chair
20 Engineering Committee TR-45