Approved by General Counsel

TR-45 Meeting Report

Date(s): 12/12/2018 - 12/12/2018

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

Approved: 02/05/2019

1.   Call to Order & Opening Remarks

The meeting was opened on 12 December 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.

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 were unable to sign-in, as the electronic roster wasn't available.

Action 45-2018/12-01

Vic to create a meeting roster for the 12 December 2018 TR-45 meeting, once online tools are available.

Attendance was recorded, as indicated by the quorum information provided below. Quorum was achieved as three (3) of the three (3) quorum members were present (100% participation).

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

* Nokia is a member of TR-45 and TIA, but not currently on the quorum/voting list. Nokia will be added to the quorum list if they attend the next TR-45 teleconference.

4.   Agenda Review & Approval

Decision 45-2018/12-01

The agenda provided in TR45/181212-01 was approved as presented.

- Motion –CommFlow Resources, Qualcomm

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 (TR45/181212-00).

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

Decision 45-2018/12-02

TR45/181212-02, the summary of the 12 September 2018 meeting, was approved as presented.

- Motion –Qualcomm, CommFlow Resources

Future TR-45 meeting summaries will not contain "Draft" in the header and will be referred to as a "meeting report" rather than a "meeting summary".

8.   Reports

8a   TR-45.5 Subcommittee – D. Ott

David Ott, the TR-45.5 Chair presented his report, as provided in TR45/181212-03, noting the subcommittee met on 5 December and reviewed two (2) ITU liaisons. There were no questions for clarification.

8b   TR-45.8 Subcommittee – D. Crowe

The TR-45.8 Chair presented his report, as provided in TR45/181212-04. Of particular note:

- TIA-4986 will include OID changes.
- It was noted that J-STD-0, -A and -B were developed by TR-45, while the addenda were developed by the LIG group.

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

The EUMAG Chair presented his report, as provided in TR45/181212-05. There were no questions for clarification.

Decision 45-2018/12-03

TR-45 approves posting the MEID Guidelines document to the TIA website.

- Motion – IFAST, CommFlow Resources

Action 45-2018/12-02

v14 of the MEID Guidelines (SC.R4002) will be posted to the TIA website.

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

There has been no activity since the last TR-45 meeting and none is expected prior to the publication of TIA-4986.

1 8e   TR-45 Working Group on Microwave Systems - G. Kizer
2 ANSI/TIA-10 is being balloted.
3 - The TIA ballot close date will be extended to 17 December to match the ANSI ballot close date.
4 - After reviewing the comments, the WGMS will make a recommendation on the comment resolution.
5 - TR-45 will make the final decision on whether ANSI/TIA-10 will need to be re-balloted after comments
6   are addressed.

7 Decision 45-2018/12-04
8 The WGMS will be remanded any comments received during the balloting process, with a copy of those
9 comments to TR-45.
10 - Motion – CommFlow Resources, Nokia

11 Action 45-2018/12-03
12 Vic/Teesha will send David Crowe & George Kizer the final ANSI/TIA-10 ballot summary and comments
13 following the ballot close date.

14 **9.   Old Business**

15 9a   TR-45 Chair Vacancy
16 The Vice Chair noted that IFAST will be proposing David Crowe as the TR-45 Chair. A thunderous shout of
17 enthusiasm and gratitude was heard throughout the land.

18 9b   J-STD-025 Reaffirmation Ballot
19 This topic remains open and will be carried forward to the next TR-45 meeting agenda.

20 9c   J-STD-036 Withdrawal Ballot
21 This topic remains open and will be carried forward to the next TR-45 meeting agenda.

22 **10.   New Business**

23 10a   Impact of FCC Emergency Alert Orders on TSB-58 (TR45/181212-07)
24 Starting in 2016 the FCC has revised rules for Wireless Emergency Alerts (WEA). In particular, the rules for
25 providing Spanish language alerts, and for State and Local Testing, would require modifications to TSB-58 (and
26 phone software) if implemented for cdma2000 devices, or devices operating in a cdma2000 mode.
27 - This topic will be handled by TR-45.5 (in conjunction with 3GPP2 TSG-AC).

28 Do the operators want the cdma200 specifications updated or should we ask the FCC to leave the cdma2000
29 systems out of its mandate? TSG-AC is contacting the operators to gather additional information and will
30 update TR-45.5 as additional information becomes available.

31 **11.   Liaison Reports**

32 11a   IFAST – E. Hall
33 The IFAST report to TR-45 was presented, as provided in TR45/181212-09. There were no questions for
34 clarification.

35 **12.   Review Assignments**
36 The TR-45 action items were reviewed and updated, accordingly.

Action	Description	Status
TR45/2018/09-01	Teesha will update IFAST's and CommFlow Resources' interest category to "general interest".	Completed
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.	Completed
TR45/2018/09-03	Prior to ANSI/TIA-10 being submitted for ballot: • By 26 September, Vic will change all table captions to remove the additional space and update the document's headers • 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.	Completed
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.	Completed
TR45/2018/09-05	Vic will create a spreadsheet which will be used to submit comments during the ANSI/TIA-10 ballot period.	Completed

13. Review Meeting Schedules

13a   Proposed TR-45 2019 Schedule
- 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

13b   Subcommittee 2019 Schedules
Please see the individual TR-45 subcommittee reports for future meeting schedules.

14. Open Discussion
The Chair wished TR-45 a happy holiday season.

15. 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 approximately 2:05pm (ET) on 12 December 2018.

<div align="center">
David Crowe

Vice Chair

Engineering Committee TR-45
</div>