



Approved by General Counsel

TR-45 Meeting Report

Date(s): 09/13/2016 - 09/13/2016

Location: TIA Office - Arlington, VA

Approved: 09/29/2016

Telecommunications Industry Association
TR-45 – Mobile & Personal Communications Standards
13 September 2016 Meeting Summary
TIA's Offices – Arlington, VA

1. Call to Order & Opening Remarks

The meeting was opened on 13 September 2016 by the Vice Chair, Mr. David Crowe (IFAST), and began at 1:08pm (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
CommFlow Resources	Rohde & Schwartz	TIA
Ericsson		
IFAST		
Nokia		
Qualcomm		

4. Agenda Review & Approval

Decision 45-2016/09-01

The agenda presented in 160913-001r2 was approved as updated during the review.

- Motion – Nokia, CommFlow Resources

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

1 of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual
2 Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights
3 Guidelines.

4 **6. Introduction of Submissions and Contributions and Numbering**

5 Contributions were uploaded to the TIA ftp server and noted on the document register (160913-00r2).

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

7 During the review of the 1 June 2016 meeting summary, as provided in 160913-02r1, a few editorial changes
8 were made and 160913-02r2 was approved.

9 **Decision 45-2016/09-02**

10 160913-02r2, the summary of the 1 June 2016 meeting, was approved as modified.

- 11 • Motion –Qualcomm, Nokia

12 **8. Reports**

13 8a TR-45.3 Subcommittee – J. Ragsdale

14 Jim Ragsdale (Ericsson), Chair of TR-45.3, stated that this would be his last TR-45 meeting as he is retiring. He
15 suggested that TR-45.3 be considered dormant, as there is no outstanding work for the committee.

16 Jim was thanked by the Committee for his years of service.

17 **Decision 45-2016/09-03**

18 TR-45.3 is considered dormant and will no longer appear on future agendas. The subcommittee can be
19 reactivated, if/when needed.

20 8b TR-45.5 Subcommittee – O. Pearson

21 The TR-45.5 Chair presented her report, as provided in 160913-03. Of particular note:

- 22 • The last TR-45.5 meeting was held in April; however, leadership has met to prepare the ITU-R M.1457
23 update materials.

24 8c TR-45.8 Subcommittee – D. Crowe

25 The TR-45.8 Chair presented his report, as provided in 160913-04. Of particular note:

- 26 • A motion was made to authorize the Secretary to take the necessary steps to close J-STD-103.
 - 27 ○ Motion – IFAST, CommFlow Resources
- 28 • Two (2) additional meetings are planned for the remainder of 2016, however, no dates have been set.
- 29 • Gary Pellegrino, the LIG Chair, gave an update on their activities:
 - 30 ○ The group has met once since the last TR-45 meeting and will meet again on 3 October
 - 31 ○ Stage 3 activity is being introduced
 - 32 ▪ V12 is the most recent working draft

33 **Action 45-2016/09-01**

34 The TIA Secretariat will close J-STD-103.

35 8d Ad Hoc on Authentication Group (AHAG) – S. Mizikovsky

36 No report was given.

37 8e AHG on ESN/UIM/MEID (EUMAG) – G. Pellegrino & J. Derr

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1 The EUMAG Chair presented his report, as provided in 160913-05. Of particular note:

- 2 • Great progress has been made in the development of the MEID database, with a final completion
- 3 target of November 2016.
- 4 • The next EUMAG meeting will be held 26 October.
- 5 • No MEID/EUIMID administration report was provided.
- 6 ○ There will no longer be a permanently reserved contribution number for the MEID
- 7 Administrator's report. Future reports will be provided verbally.

8 8f J-STD-025 Series – G. Pellegrino

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

10 8g OID Administrators Report – G. Pellegrino & V. Mitchell

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

12 8h TR-45 Working Group on Microwave Systems - G. Kizer & R. Marrow

13 The Microwave Systems Chair presented his report, as provided in 160913-08. Of particular note:

- 14 • Two (2) tasks remain open:
- 15 ○ Task (a) is currently under review
- 16 ○ The WG continues to work toward agreement on task (i).

17 **Action 45-2016/09-02**

18 The Secretary will create r1 of 160913-08 to remove the ftp username/password information.

19 **9. Old Business**

20 9a. TR-45 Chair Vacancy

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

23 **10. New Business**

24 10a J-STD-036

25 A motion was made to request that the TR-45.8 Chair initiate a joint project to develop a new addendum for
26 ANSI J-STD-036-C to add new COS (class of service position source) and position source values.

- 27 • Motion – Qualcomm, CommFlow Resources
- 28 ○ Approved
- 29 • TR-45.8 will handle the editing and development work

30 10b IoT Opportunities for TR-45

31 The TIA Secretariat posed a question to the committee about future work in IoT that would have a home
32 within TR-45. Discussions will continue and the topic will remain on future TR-45 agendas.

33 **11. Liaison Reports**

34 11a CTIA

35 No report.

36 11b ITU-T

37 No report.

1 11c ITU-R – J. Ragsdale

2 Jim Ragsdale presented his ITU-R liaison report, as provided in 160913-06. There were no questions for
3 clarification.

4 11d CITEI

5 No report.

6 11e TIA – S. Montgomery & V. Mitchell

7 Stephanie Montgomery, VP of Technology and Standards, briefly reviewed contribution 160913-07 which is a
8 presentation regarding a new Advanced Wireless Initiative started by the White House. She also noted that
9 TIA's CTO position is currently open.

10 11f 3GPP2

11 No report.

12 11g 3GPP

13 No report.

14 11h ATIS

15 No report.

16 11i IFAST – E. Hall

17 The IFAST report to TR-45 was presented, as provided in 160913-09. There were no questions for clarification.

18 **12. Review Assignments**

19 The TR-45 action items were reviewed and updated:

Action	Description	Status
45/2015-03-08	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
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.	Closed
45-2016/06-02	The Chair will contact Peter Musgrove to get an update on J-STD-103.	Closed
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.	On Hold

20 **13. Review Meeting Schedules**

21 13a TR-45 2016 Schedule

- 22 • 7 December 2016 @ 1:00pm (ET) – Teleconference

23 [Action 45-2016/09-03](#)

1 The Secretary will propose 2017 meeting dates, including a face-to-face meeting in September 2017.

2 13b Subcommittee 2016 Schedules

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

4 **14. Open Discussion**

5 None

6 **15. Adjournment**

7 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. This meeting was
8 conducted in accordance with the TIA Legal Guides and the TIA Engineering Procedures and was adjourned at
9 3:57pm (ET) on 13 September 2016.

10 David Crowe

11 Vice Chair

12 Engineering Committee TR-45

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1 **September 2016 TR-45 Decisions**

2 **Decision 45-2016/09-**

3 The agenda presented in 160913-001r2 was approved as updated during the review.

- 4
 - Motion – Nokia, CommFlow Resources

5 **Decision 45-2016/09-02**

6 160913-02r2, the summary of the 1 June 2016 meeting, was approved as modified.

- 7
 - Motion –Qualcomm, Nokia

8 **September 2016 TR-45 Recorded Actions**

9 **Action 45-2016/09-01**

10 The TIA Secretariat will close J-STD-103.

11 **Action 45-2016/09-02**

12 The Secretary will create r1 of 160913-08 to remove the ftp username/password information.

13 **Action 45-2016/09-03**

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