

Approved by General Counsel

TR-45 Meeting Report

Date(s): 06/10/2013 - 06/11/2013

Location: Miami, FL

Approved: 07/15/2013

Telecommunication Industry Association (TIA)
TR-45 Committee
Mobile & Personal Communications Standards
Report of Meeting
10 June 2013

1. Call to Order & Opening Remarks

The TR-45 Committee was convened on 10 June 2013 at the Hyatt Regency Hotel in Miami, FL at 1:05 PM local time. J.Brownley/Chair called the meeting to order and welcomed the TR-45 membership to Miami, FL

2. Important Notice of Participation

The Chair duly informed the meeting attendees of the Important Notice of Participation provided on the meeting agenda in Note 1.

3. Attendance Registration & Roll Call

Meeting attendees signed-in electronically at tr45.tiaonline.org and attendance was recorded as indicated by the quorum information provided below. Quorum was established.

Quorum List – Members Present			
Member	Representative	Attendance	
		Last	Prior
1. Alcatel-Lucent	J. Brownley	X	X
2. CDMA Development Group	S. Samra	X	X
3. CommFlow Resources	G. Pellegrino	X	X
4. Ericsson	J. Ragsdale	X	X
5. LG InfoComm U.S.A., Inc.	S. Kim	X	X
6. Qualcomm, Inc	F. Quick	X	X

Quorum List – Members Absent			
Member	Representative	Attendance	
		Last	Prior
7. Nokia Siemens Networks	S. Sayeedi		
8. Sprint Nextel	M. Lipford		X
9. Verizon Wireless	G. Flynn		X

[Note: The “Quorum List – Members Absent” table identifies the member companies not present at this meeting. Of these member companies, the ones who also have not attended the last two meetings (no “X” in either the “Last” or “Prior” column) will be dropped from the quorum list for the next meeting.]

Others Present	
Member	Representative
1. Alcatel-Lucent	B. Covell
2. Alcatel-Lucent (for agenda item 10a only)	G. Kizer
3. Alcatel-Lucent	F. O’Brien
4. Alcatel-Lucent	O. Pearson
5. Qualcomm	D. Ott
6. TIA	J. Derr
7. TIA	S. Montgomery

4. Agenda Review & Approval

A motion was made by G.Pellegrino and seconded by J.Ragsdale to approve the meeting agenda provided in document .01r2. The motion passed with no objections.

Chair's Note, the meeting agenda provided in document .01r3 as amended during the course of the meeting is available at http://ftp.tiaonline.org/TR-45/TR-45_MAIN/WORKING/2013jun.

5. Early Disclosure Policy

The Chair duly informed the meeting attendees of the TIA Patent Policy, per Note 3 on the meeting agenda. There were no comments from the meeting attendees regarding the early disclosure of patents.

6. Introduction of Submissions and Contributions and Numbering

The following documents were numbered and assigned accordingly. Meeting participants were strongly encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.

Number	Title	Source	Agenda Item
TR45/13.06.10.00r2	Submission & Contribution Assignment List	J.Brownley Chair	6
TR45/13.06.10.01r2	Meeting Agenda	J.Brownley Chair	4
TR45/13.06.10.02	TR-45 Meeting Report of 6-7 March 2013	J.Brownley Chair	7
TR45/13.06.10.03	TR-45.3 Report	J. Ragsdale Acting Chair TR-45.3	8a, 13a
TR45/13.06.10.04	TR-45.4 Report	D. Ott Chair TR-45.4	8b, 13b
TR45/13.06.10.05	TR-45.5 Report	O. Pearson Chair TR-45.5	8c, 13b
TR45/13.06.10.06/ab/c	TR-45.8 Report	B.Covell Chair TR-45.8	8d, 13b
TR45/13.06.10.07	AHAG Report	F.Quick Chair AHAG	8e
TR45/13.06.10.08	Letter of Nomination and Support of Dr. Zhao for TR45.8 Vice-Chair	H. Jiang VP, ZTE Corporation	8d
TR45/13.06.10.09/a	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	8f
TR45/13.06.10.10	IFAST Liaison Report	E. Hall IFAST Liaison	11j
TR45/13.06.10.11/a	Announcement of Publication of J-STD-025-B-3	J.Brownley Chair	8g
TR45/13.06.10.12	MEID Administrator's Report	J. Derr MEID Administrator	8f
TR45/13.06.10.13r1	TR-45 Meeting Schedule for 2013	J.Brownley Chair	13a
TR45/13.06.10.14	TR-45 Meeting Schedule for 2014	J.Brownley Chair	13c

TR45/13.06.10.15/a	Correspondence from TR-45.5 to TIA regarding Legal Comments on TIA-PN-1013-A-1 (ME Conformance Testing)	O. Pearson Chair TR-45.5	8c
TR45/13.06.10.16/a/b	E-mail from TR-45.5 regarding GCS Proponent for IMT-2000 CDAM-MC	O. Pearson Chair TR-45.5	9a
TR45/13.06.10.17/a/b	Email from TR-45.5 to PAP02 regarding TIA Updates to NIST Wireless Characteristics Matrix	O. Pearson Chair TR-45.5	9b
TR45/13.06.10.18	Press Release regarding ATIS and TIA Develop Nationwide Text to 9-1-1 Solution	J. Brownley Chair	8d
TR45/13.06.10.19/a	Liaison Statement from ITU-R WP5A on Working document towards a preliminary new Report ITU-R [LMS.CRS2] (Land Mobile Service - Cognitive Radio Systems)	S. Buonomo Counselor SG5	10c
TR45/13.06.10.20/a	Liaison Statement from ITU-R WP5A on Work for Revision of Recommendation ITU-R F.1763 (Radio Interface Standards for Broadband Wireless Access Systems in the fixed service operating below 66GHZ)	S. Buonomo Counselor SG5	10d
TR45/13.06.10.21/a	Liaison Statement from ITU-R WP5A on Technologies for Public Protection and Disaster Relief Communications associated with work on WRC-15 Agenda Item 1.3	S. Buonomo Counselor SG5	10e
TR45/13.06.10.22/a	Liaison Statement from ITU-R WP5A on Revision of Recommendation ITU-R M.1450-4 (characteristics of broadband radio local area networks)	S. Buonomo Counselor SG5	10f
TR45/13.06.10.23/a	Liaison Statement from ITU-R WP5A on Work for Revision of Recommendation ITU-R M.2003 and Report ITU-R M.2227 (Multiple Gigabit Wireless Systems in Frequencies around 60 GHz)	S. Buonomo Counselor SG5	10g
TR45/13.06.10.24a/b	GSC-17 Readout	J. Brownley Chair	10b
TR45/13.06.10.25	Committee TR-45 September 2013 Meeting Notice	S. Montgomery TIA	13a
TR45/13.06.10.26/a	Correspondence from TR-45.5 to TIA regarding Resolution on TIA-718-E-1[E]	O. Pearson Chair TR-45.5	8c
TR45/13.06.10.27	Liaison statement to External Organizations engaged in Recommendations ITU-R M.1580-4 and ITU-R M.1581-4	O. Pearson Chair TR-45.5	8c
TR45/13.06.10.28	3GPP2 Technology Webinar Targeting European Interests -Wednesday 19 June 2013 - Announcement and Registration	J. Brownley Chair	11g
TR45/13.06.10.29	ANSI Accredited Standards Developers	S. Montgomery TIA	11f

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7. Review of Meeting Report from Previous Meetings

The TR-45 Committee 6-7 March 2013 meeting report numbered TR45/12.12.06.02 was reviewed. A motion was made by G.Pellegrino and seconded by O.Pearson to approve the meeting report provided in document .02. The motion passed with no objections.

8. Reports

8a. TR-45.3 Subcommittee

J.Ragsdale presented document .03 as the TR-45.3 report to TR-45 for information. It was reported that the "Meeting X" input for TDMA-SC towards ITU-R Rec. M.1457-12 was provided by TR-45.3. The input included the notice of intent to provide an update of TDMA-SC in M.1457 revision 12 as well as the Exceptional Form A for TDMA-SC. The contribution was forwarded to ATIS WTSC the TIA TR-45.3 partner in TDMA-SC for its approval and submission to Working Party 5D.

8b. TR-45.4 Subcommittee

D.Ott presented document .04 as the TR-45.4 report to TR-45 for information.

8c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the TR-45.5 report to TR-45 for information. Regarding the joint ATIS/TIA Standard on Coexistence and Interference Issues in Land Mobile Systems, it was reported that the ATIS/TIA Coexistence and Interference Standard (P0017) was approved for re-ballot on 13 May 2013. Furthermore, it was reported that TR-45.5 will continue with joint work and meetings to complete Phase I; however, TR-45.5 will not contribute to Phase II. Documents .15 and .26 were provided for information.

Action TR45/2013-06-01

TR-45.5 will communicate its plans to ATIS WTSC RAN to continue work on Phase I and not to contribute to Phase II of the standard on Coexistence and Interference Issues in Land Mobile Systems.

Action TR45/2013-06-02

TR-45 will work with TIA to officially communicate with ATIS (before 24 June 2013) that TIA will withdraw from joint work on Phase II of the standard on Coexistence and Interference Issues in Land Mobile Systems.

8d. TR-45.8 Subcommittee

B. Covell provided document .06 with attachments a-c as the TR-45.8 report to TR-45 for information. It was reported that TR-45.8 held elections for Vice-Chair at the meeting held 21 March 2013. Frankle Zhao of ZTE was elected Vice-Chair by acclamation. TR-45 confirmed the election of Frankle Zhao as Vice-Chair of Subcommittee TR-45.8. Documents .08 and .18 were provided for information.

Regarding JCMAS, it was reported that during the course of JCMAS deliberations at this time no changes have been identified relative to the addition of Spanish language alerts for the joint documents although changes are being made to the ATIS only specifications. Furthermore, it was noted that industry Canada is planning a Canadian CMAS workshop and Canadian CMAS workshop in Ottawa on 14 June 2013. It is expected that Canadian CMAS requirements may become available after the workshop. Furthermore, it was noted that FEMA has expressed interest in support for multiple languages.

Regarding JSMS911, TR-45.8 approved J-STD-110 Joint ATIS/TIA Native SMS TO 9-1-1 Requirements and Architecture Specification for publication on 21 March 2013. It was noted that ATIS WTSC had pre-approved the document for publication.

Action TR45/2013-06-03

Regarding the re-assignment of former TR-45.2 and TR-45.6 documents to TR-45.8, TIA agreed to provide a status update by the next TR-45 meeting.

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Action TR45/2013-06-04

Regarding the TR-45.8 request to TIA to update the IHS website to point to the corresponding 3GPP2 website for each of the withdrawn standards that were included in the Common IMS merger with 3GPP, TIA agreed to provide a status update by the next TR-45.8 meeting.

Action TR45/2013-06-05

Regarding the TR-45.8 request to TIA on the change request for reaffirmations and withdrawals on numerous documents, in particular J-STD-034, TIA agreed to provide a status update by the next TR-45.8 meeting.

8e. Ad Hoc on Authentication Group (AHAG)

Document .07 was provided by F.Quick as the AHAG report to TR-45 for information. A motion was made by F.Quick and seconded by G.Pelligrino to approve the initiation of a Project Request (PN) for “Security Framework for Binding of Access Subscription with Device(s)” (3GPP2 S.P0152). The motion passed with no objections.

Action TR45/2013-06-06

The AHAG Chair agreed to submit the Project Request (PN) form to initiate a new project for “Security Framework for Binding of Access Subscription with Device(s)” (3GPP2 S.P0152.)

8f. AHG on ESN/UIM/MEID (EUMAG)

Document .09 with attachment .09a was provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) report to TR-45 for information and action, as appropriate. There were no objections to post the TIA MEID GHA Administrative Guidelines v9.0 as provided in document .09a on the TIA website.

- **MEID Administrator’s Report**

J.Derr presented Document .12, MEID Administration Reports, provided for information.

- **ESN and UIM_ID Administrator’s Report**

J.Derr provided a brief verbal report.

8h. J-STD-025 Series Report

Document .11, the J-STD-025 Series TR-45 activity status table, was provided for information by G.Pellegrino.

Action TR45/2013-06-07

G.Pellegrino and S.Montgomery agreed to work off-line to address the minor wording inconsistencies between TIA and IHS text regarding the J-STD-025 series of standards.

8i. OID Administrators Report

There was nothing to report.

9. Old Business

9a. GCS Proponent for IMT-2000 CDMA-MC

Document .16 was provided for information and action as appropriate. It was re-iterated that ITU-R WP5D implemented a new process for future revisions of ITU-R Recommendation M.1457 (IMT-2000). Therefore, it was necessary for the record for the GCS Proponent to complete, sign, and return the “Exceptional Form A” to 5D by 16:00 hours UTC on 3 July 2013 (7 days before the start of the 16th meeting of WP 5D). For Section 5.2 IMT-2000 CDMA-Multi-Carrier (MC) the GCS Proponent is ARIB, CCSA, TIA, TTA, and TTC (on behalf of 3GPP2.) At the 3GPP2 Steering Committee meeting in March 2013 was agreed that the partners (ARIB, CCSA, TIA, TTA, and TTC) would sign their respective “Exceptional Form A” signature page and return the signed copy to TIA on or before 15 May 2013 to the TIA Head of Delegation (i.e., Cheryl Blum with cc to Victoria

Mitchell.) TIA had volunteered to collect the signature pages and consolidate the required "Exceptional Form A" for submission to 5D on behalf of 3GPP2.

In addition to the Exceptional Form A, TR-45.5 provided in document .16 the CDMA-MC Letter of Intent and a cover letter for submission to 5D along with the Exceptional Form A. TIA volunteered to submit the two 5D deliverables with the cover contribution for CDMA-MC before the 5D deadline.

Action TR45/2013-06-08

The Chair agreed to contact the TIA HoD regarding the need for the signed Exceptional Form A from CCSA.

Action TR45/2013-06-09

The Chair agreed to contact the TR-45.8 Vice-Chair to intercede on behalf of TIA relative to the need for the signed Exceptional Form A from CCSA.

9b. TIA Updates to NIST Wireless Characteristics Matrix

Document .17 was provided for information. An updated version of the NIST Wireless Characteristics Matrix from TR-45 .5 was provided to PAP02.

10. New Business

10a. TR-45 Working Group on Microwave Systems – Kickoff Status

The kick-off meeting of the new TR-45 Working Group on Microwave Systems (WGMS) was held on Wednesday 10 April 2013. George Kizer of ALU was appointment Chair and Patrick Picquet of ALU was appointment Vice-Chair. The WG meets bi-weekly on Wednesdays at 1:30pm CT. The WG Chair provided a brief verbal report. It was noted that thirteen tasks have been identified. Contributions relative to most of the tasks have been received. Eighteen individuals have contributed to the work, to date.

- Recommendation for a New Project Request for a Revision of TSB-10-F "Interference Criteria for Microwave Systems"

A motion was made by G.Kizer and seconded by F.Quick to approve the initiation of a Project Request (PN) to update the "Interference Criteria for Microwave Systems" document with the understanding that the scope of the document will be broader than interference criteria and that the title will most likely be amended to reflect the broader scope of the document. The motion passed with no objections.

Action TR45/2013-06-10

The Chair will submit the Project Request Form based on input from the WG Chair to initiate a new project to update the "Interference Criteria for Microwave Systems" document.

Action TR45/2013-06-11

The Chair will

- (1) Add a WG report as a standing TR-45 agenda item going forward.
- (2) Provide a pre-assigned document number for the WG report.
- (3) Invite the WG Chair and Vice-Chair to the TR-45 Chairs preparatory meetings.
- (4) Provide the WG Chair with a sample template for a standing WG report to TR-45.

Action TR45/2013-06-12

TIA will add the WG Chair and Vice-Chair to the TR-45 email distribution list.

10b. GSC-17 Resolutions and Communique' and TIA Presentations

The Chair provided a summary of GSC-17 in document .24 for information. GSC-17 was held the week of 13 May 2013 in S.Korea on Jeju Island. TR-45.5, TR-45.8, EUMAG, and AHAG provided input to the TIA presentations on several of the High Interest Subjects (HIS). The sub-groups were thanked for their inputs. The GSC-17 resolutions and communique' attached to document .24 were provided to TR-45 for information.

Action TR45/2013-06-13

Documents .24, .24a and .24b were remanded to all Subcommittees and AHAGs for information.

10c. Liaison Statement from WP5A on new Report ITU-R [LMS.CRS2]

Document .19 was provided for information a working document towards a preliminary new Report ITU-R [LMS.CRS2] (i.e., Land Mobile Service - Cognitive Radio Systems.)

Action TR45/2013-06-14

Document .19 was remanded to TR-45.3 and TR-45.5 for comments directly back to WP5A, if any. It was noted that the LS was sent directly to TR-45.5 previously.

10d. Liaison Statement from WP5A on Revision of Rec. ITU-R F.1763

Document .20 was provided for information on work for revision of Recommendation ITU-R F.1763 (i.e., Radio Interface Standards for Broadband Wireless Access Systems in the fixed service operating below 66GHZ.)

Action TR45/2013-06-15

Document .20 was remanded to TR-45.3 and TR-45.5 for comments directly back to WP5A, if any. It was noted that the LS was sent directly to TR-45.3 and TR-45.5 previously.

10e. Liaison Statement from WP5A on Technologies for PPDR work on WRC-15

Document .21 was provided for information on technologies for Public Protection and Disaster Relief Communications associated with work on WRC-15 Agenda Item 1.3. It was noted that there is also interest in requirements (new or revised) for PPDR systems for Report ITU-R M.2033.

Action TR45/2013-06-16

Document .21 was remanded to TR-45.5 for comments directly back to WP5A, if any. It was noted that the LS was sent directly to TR-45.5 previously.

10f. Liaison Statement from WP5A on Revision of Rec. ITU-R M.1450-4

Document .22 was provided for information on a revision of Recommendation ITU-R M.1450-4 (i.e., characteristics of broadband radio local area networks.) It was noted that this not applicable to TR-45 technologies.

Action TR45/2013-06-17

Document .22 was remanded to TR-45.3 and TR-45.5 for comments directly back to WP5A, if any. It was noted that the LS was sent directly to TR-45.3 and TR-45.5 previously.

10g. Liaison Statement from WP5A on Revision of M.2003 and M.2227

Document .23 was provided for information on work for revision of Recommendation ITU-R M.2003 and Report ITU-R M.2227 (i.e., Multiple Gigabit Wireless Systems in Frequencies around 60 GHz.) It was noted that this has no applicable to TR-45 technologies.

Action TR45/2013-06-18

Document .23 was remanded to TR-45.5 for comments directly back to WP5A, if any. It was noted that the LS was sent directly to TR-45.5 previously.

11. Liaison Reports

11a. CTIA

There was no report. It was noted that a briefing on CTIA Cybersecurity activities is planned for the September 2013 TR-45 meeting in Arlington, VA.

11b. ITU-T

There was no report.

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11c. ITU-R

J.Ragsdale provided a brief verbal report. It was noted that the next 5D meeting (i.e., meeting X) starts 10 July 2013 in Japan. It was noted that embedded in document TR45/13.03.06.17a (i.e., IMT2000_5 and _3) are tables of the deliverables for updates to Recommendation M.1457. For the following (17th meeting of 5D, meeting X+1) the GCS Proponents are required to provide "... *further information, including a summary and rationale of the proposed update.*"

Action TR45/2013-06-19

The Chair supported by the TR-45.5 Chair will work with TIA to ensure that the required deliverables for CDMA-MC for meeting "X+1" meet the 09 October 2013 5D meeting deadline. Plus, the TR-45.3 Chair will coordinate with ATIS WTSC RAN relative to the TDMA-SC deliverables.

11d. CITEI

There was no report.

11e. Wireless Communication Division (WCD)

S. Montgomery noted that TIA is seeking any potential TR-45 issues for the WCD.

11f. TIA

S.Montgomery provided a brief verbal report. Document .29 was provided for information.

Action TR45/2013-06-20

Document .29 was remanded to all Subcommittees and AHGs as a reference to help identify any SDOs or industry groups doing similar or related work. Comments, if any, were requested to be sent directly back to TIA (S.Montgomery).

11g. 3GPP2

J.Brownley provided a brief verbal report. Document .28 was provided for information regarding the upcoming 3GPP2 cdma2000 Technology Workshop webinar targeting European interests scheduled for Wednesday 19 June 2013 as 7:00am ET.

11h. 3GPP

There was not report.

11i. ATIS

There was no report.

11j. IFAST

E.Hall provided document .10, the IFAST liaison report, for information.

12. Review Assignments

The assignments are provided and numbered as "Action TR45/2013-06-xx" throughout the meeting report.

13. Review Meeting Schedules**13a. TR-45 2013 Schedule**

Documents .13 and .25 were provided for information.

13b. Subcommittee 2013 Schedules

It was noted that the Subcommittees' 2013 schedules were provided in documents .03, .04, .05, and .06.

13c. TR-45 2014 Schedule

Document .14 was provided for information.

14. Open Discussion

There was no additional discussion.

15. Adjournment

Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at approximately 5:00 PM local time 10 June 2013.

Jane C. Brownley
Chair
Engineering Committee TR-45

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Approved by TIA General Counsel 7/15/13