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Approved by General Counsel

TR-45 Meeting Report

Date: 6/2-3/10

Location: Savannah, GA

Approved: 7/22/10

Telecommunication Industry Association
 TR-45 Committee
 Mobile & Personal Communications Standards (TR-45)
 Report of Meeting
 2-3 June 2010
 Hyatt Regency - Savannah, GA

1. Call to Order & Opening Remarks

The meeting was called to order on 2 June 2010 by the Chair, J. Brownley at 1:13 PM local time.

2. Important Notice of Participation

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

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 achieved.

<u>Quorum Members Present</u>	<u>Quorum Members Absent</u>	<u>Others Present</u>
Alcatel-Lucent	Sprint Nextel	Rogers Wireless
AT&T	Verizon Wireless	TIA
CDMA Development Group		
CommFlow Resources		
Ericsson		
Qualcomm		
Sigma Delta Communications		

4. Agenda Review & Approval

The meeting agenda, presented in 10.06.02-01r2, was reviewed and approved, as modified.

5. Early Disclosure Policy

The Chair 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, as noted in document 10.06.02-00r2:

TR45/10.06.02-	Document Title	Source	Agenda Item
00r2	Submission & Contribution Assignment List	J.Brownley Chair	6
01r3	Meeting Agenda	J.Brownley Chair	4

TR45/10.06.02-	Document Title	Source	Agenda Item
02	TR-45 Meeting Report of 9-10 March 2010	J.Brownley Chair	7
03	TR-45.3 Report	P. Musgrove Chair TR-45.3	8a
04	TR-45.4 Report	D. Ott Chair TR-45.4	8b
05	TR-45.5 Report	O. Pearson Chair TR-45.5	8c
06	TR-45.8 Report	B.Covell Chair TR-45.8	8d
07	AHAG Report	F. Quick Chair AHAG	8e
08	AHEM Report	P. Nurse Chair AHEM	8f
09r1	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	8g
10	IFAST Report to TR-45	E. Hall, IFAST Liaison	11
11	MEID Administrator's Report	A. Dryden MEID Administrator	8g
12	UIM_ID Administrator's Report	A. Dryden UIM_ID Administrator	8g
13	Proposed Meeting Dates for TR-45	J. Brownley, TR-45 Chair	13c
14	Publication Announcement - TIA-1169	V. Mitchell, TIA	8e
15	Liaison statement to External Organizations - Revision Of Report ITU-R M.2039-1	C. Langtry, ITU	10a
16	Liaison statement to External Organizations - Techniques To Improve The Compatibility Or Sharing Between IMT Systems and FSS Networks in the 3.4 - 3.6 GHZ Band	C. Langtry, ITU	10b
17	2 nd 3GPP Evaluation Workshop in China Announcement	C. Langtry, ITU	10c
18	2 nd IEEE 802.16 IMT-Advanced Evaluation Group Coordination Meeting Announcement	C. Langtry, ITU	10c
19, 19a	TIA Legal Comments - TIA-1144	B. Covell, Chair TR-45.8	10d
20, 20a	TIA Legal Comments - TIA-1163	B. Covell, Chair TR-45.8	10e
21	MEID Marking on Mobile Phones	J. Brownley,	10f

TR45/10.06.02-	Document Title	Source	Agenda Item
		Chair	
22	Updates to M.1580	O. Pearson, Chair TR-45.5	10g
23	Updates to M.1581	O. Pearson, Chair TR-45.5	10h
24	Information on Revised Recommendation ITU-R M.2039-1	O. Pearson, Chair TR-45.5	10i
25	Report of the Second IEEE 802.16 IMT-Advanced Evaluation Group Coordination Meeting	R. Marks, Chair IEEE 802.16	10c
26	WCD Work w/TR-8 and TR-45	J. Brownley, Chair TR-45	10j
27	Liaison from ITU-R WP 5A - Compatibility of broadband wireless access systems and fixed-satellite service networks in the 3 400-4 200 MHz band	C. Langtry, ITU	10k
28	Liaison statement from WP 5A re Report ITU-R F.2086	C. Langtry, ITU	10l
29	Revisions to M.1580 from TIA	O. Pearson, TR-45.5 Chair	10m
30	Interest in TIA work on Telecom Finance Revenue Assurance standards	J. Brownley, TR-45 Chair	9b
31	J-STD-101 Article in IHS Telecom Newsletter, Vol 12, Issue 2	J. Brownley, TR-45 Chair	10n
32	ITU-R M.1457-10 Submission Information	P. Musgrove, TR-45.3 Chair	10o
33	Draft report of the Second 3GPP LTE-Advanced Evaluation Workshop	T. Nakamura, 3GPP TSG-RAN Chairman	10p
34	TSG-S Technical Reports in Development that Contain Normative Language	3GPP2 TSG-S	9c
35	Online Balloting System Enhancements - Voting Options	TIA	11
36	10 May 2010 GSC Teleconference	TIA	10q
37	TIA Delegation Planning for GSC-15	TIA	10q
38	ITU-R M.1457-10 Submission Information	O. Pearson, TR-45.5 Chair	10o
39	Final Report of TR-45 Evaluation Group	J. Brownley, TR-45 Chair	10r
40	ESN Administrator's Report	J. Derr, ESN Administrator	8g

TR45/10.03.09-89r4	Use of Normative Elements in Reports	J. Brownley, TR-45.5 Chair	9c
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7. Review of Meeting Report from Previous Meetings

Document -02, the meeting report from the 9-10 March 2010 TR-45 meeting, was approved as presented.

8. Reports

8a. TR-45.3 Subcommittee

Document -03, the TR-45.3 report, was presented.

8b. TR-45.4 Subcommittee

Document -04, the TR-45.4 report, was presented.

8c. TR-45.5 Subcommittee

Document -05, the TR-45.5 report, was presented.

Action 10/06-02

TR-45.5 was requested to provide its 2011 meeting schedule during the next TR-45 meeting in August in Chicago.

Action 10/06-03

TR-45.5 is requested to provide input, at the August TR-45 meeting, regarding ITU WP-5A M.2116 in light of the fact that M.2116 contains BWA other than IMT and cdma2000 is IMT.

8d. TR-45.8 Subcommittee

Document -06, the TR-45.8 report, was presented. It was noted that the TR-45.8 workplan is available for information in document -06a.

Action 10/06-04

Action item 09/12-01 regarding the BFF/3GPP2 relationship was closed.

Action 10/06-05

TR-45 to consolidate the list of standards identified by the subcommittees and ad hoc groups regarding the NIST framework interoperability and to forward that information to NIST.

8e. Ad Hoc on Authentication Group (AHAG)

Document -07, the Authentication Group Ad Hoc (AHAG) report, was presented. Document -14, an announcement of the publication of TIA-1169, the Femto Security Framework, was provided for information.

Action 10/06-06

TIA-946 (the latest published version) will be added to the list of TR-45 standards that will be forwarded to NIST.

1
2 8f. AHG on Electronic Media Documentation (AHEM)

3 Document -08, the AHEM report to TR-45, was presented.
4

5 8g. AHG on ESN/UIM/MEID (EUMAG)

6 Document -09r1, the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) Meeting Summary, and its
7 attachments were presented. From document -09r1,
8

9 **<TR-45 Plenary Action #1>**

10 *EUMAG recommends providing TR45 100602-19 09a SC.R4002-0_v5.7.1b_MEID_GHA_Guidelines*

11 *EUMAG comments to TSG-S for their consideration. Then the TIA transposed version development following*
12 *3GPP2 publication approval.*
13

14 **Action 10/06-07**

15 TR-45 approved -09a (comments against SC.R4002-0) to be forwarded to TSG-S by the EUMAG Chair
16 before 18 June 2010.
17

18 **Action 10/06-08**

19 EUMAG agreed to contact GSMA/GHA to request a modification to Form A, such that the “Other
20 Technologies” is a header for the list of three technologies.
21

22 **• ESN Administrator’s Report**

23 Document -40, the ESN Administrator’s report, was presented. Committee TR-45 expressed its
24 appreciation to the ESN Administrator, J. Derr of TIA, for his efforts to assist with ESN end-of-life
25 and support for migration to MEID.
26

27 **Action 10/06-09**

28 ESN Administrator to send a final reminder to manufacturer’s noting the 30 June 2010 deadline for
29 new ESN applications with a reminder to highlight the importance of ESN applications used to
30 support existing terminal production through end of life as mentioned in document -40.
31

32 **Action 10/06-10**

33 UIM_ID Administrator to send a final reminder to manufacturer’s noting the 30 June 2010 deadline
34 for new applications.
35

36 **• MEID Administrator’s Report**

37 Document -11, the MEID Administrator’s report, was provided for information.
38

39 **• UIM_ID Administrator’s Report**

40 Document -12, the UIM_ID Administrator’s report, was provided for information.
41

42 8h. AHG on International Mobile Telecommunications (AHIMT)

43 It was noted that the AHIMT report was provided previously during the 01 June 2010 Committee TR-
44 45 teleconference meeting.
45

46 8i. J-STD-025 Series Report

1 No report was given.

2
3 8j. OID Administrators Report

4 No report was given.

5
6 **Action 10/06-11**

7 The Secretary will discuss the OID Administrators role with TIA and report to TR-45 in August.

8
9 **9. Old Business**

10 9a. TIA Smart Device Communications (Actions 10/03-05 and 10/03-06)

11 Action items 10/03-05 and 10/03-06 were closed.

12
13 9b. Interest in TIA Work on Telecom Finance Revenue Assurance Standards (TR45/10.06.02-30)

14 GRAPA was not present at the TR-45 meeting and has not expressed an interest in joining TIA;
15 therefore, this item will be dropped from the agenda.

16
17 **Action 10/06-12**

18 Agenda item -9b will be dropped from the TR-45 meeting agenda.

19
20 9c. TIA Style Guide

21 Document TR45/10.03.09-89r4, correspondence from 3GPP2 TSG-S regarding the use of normative
22 elements in reports, was provided for information. Document -34, correspondence from 3GPP2 TSG-S
23 regarding technical reports in development that contain normative language, was provided for
24 information.

25
26 TIA plans to propose invalid and out-of-date sections of the TIA Style Guide for suspension. TR-45
27 participants were invited to (informally) submit suggested sections for suspension to the Secretary
28 before the next TR-45 meeting in August.

29
30 **10. New Business**

31 10a. Liaison statement to External Organizations - Revision Of Report ITU-R M.2039-1

32 Document -15, a liaison statement from the ITU, was provided to TR-45 for information.

33
34 10b. Liaison statement to External Organizations - Techniques To Improve The Compatibility Or
35 Sharing Between IMT Systems and FSS Networks in the 3.4 - 3.6 GHZ Band

36 Document -16, correspondence from the ITU regarding Techniques To Improve The Compatibility Or
37 Sharing Between IMT Systems and FSS Networks in the 3.4 - 3.6 GHZ Band, was remanded to TR-
38 45.3 and TR-45.5 for action, as appropriate.

39
40 **Action 10/06-13**

41 Document -16 was remanded to TR-45.3 and TR-45.5 for action, as appropriate, being mindful of the
42 sensitive nature of the issue.

43
44 10c. 3GPP Evaluation Workshop and IEEE 802.16 IMT-Advanced Evaluation Group Coordination

1 Meeting

2 Documents -17, -18 and -25 were provided for information.
3

4 10d. TIA Legal Comments - TIA-1144

5 Document -19, legal comments submitted by TIA against TIA-1144, was provided for information.
6

7 10e. TIA Legal Comments - TIA-1163

8 Document -20, legal comments submitted by TIA against TIA-1163, was provided for information.
9

10 10f. MEID Marking on Mobile Phones

11 Document -21, regarding the MEID marking on mobile phones, was remanded to the EUMAG for
12 review and the recommended action that TR-45 should take. The EUMAG recommendation is to be
13 presented at the TR-45 meeting in Chicago (August 2010).
14

15 **Action 10/06-14**

16 TR-45 will reply to document -21 and share the TR-45 action plans to remand document -21 to the TR-
17 45 EUMAG and to indicate that the standard in its current state exceeds the scope of TR-45. Any
18 future development of a TR-45 standard would have to be within the purview of TR-45.
19

20 **Action 10/06-15**

21 Document -21 was remanded to the EUMAG to evaluate and provide a recommendation at the next
22 TR-45 meeting in August 2010.
23

24 10g. Updates to M.1580

25 Document -22 was provided for information.
26

27 10h. Updates to M.1581

28 Document -23 was provided for information.
29

30 10i. Information on Revised Recommendation ITU-R M.2039-1

31 Document -24, the response to the liaison provided in document -25 was provided for information.
32

33 10j. WCD Work w/TR-8 and TR-45

34 Document -26, which discusses proposed TIA Wireless Communications Division (WCD) work with
35 TR-8 and TR-45, was presented.
36

37 **Action 10/06-16**

38 TR-45 will respond to document -26 noting that it is not clear what is being requested and, without
39 further clarification of the scope and requirements, TR-45 can not proceed. It will also be noted that
40 TR-45 is not responsible for the LTE standards and that the inspection of 3GPP standards is not
41 within the purview of TR-45.
42

43 10k. Liaison from ITU-R WP 5A - Compatibility of broadband wireless access systems and fixed-
44 satellite service networks in the 3 400-4 200 MHz band

1 Document -27, a liaison from the ITU, was presented.

2
3 **Action 10/06-17**

4 Document -27 was remanded to TR-45.3 and TR-45.5 to review and take action as appropriate, while
5 being mindful to provide consistent inputs to WP 5A and WP 5D.
6

7 10l. Liaison statement from WP 5A re Report ITU-R F.2086

8 Document -28, a liaison from the ITU, was presented.

9
10 **Action 10/06-18**

11 Document -28 was remanded to TR-45.3 and TR-45.5 to review and to take action as appropriate, if
12 any.
13

14 10m. Revisions to M.1580 from TIA

15 Document -29, information from TIA regarding the revisions to M.1580, was provided for
16 information.
17

18 10n. J-STD-101 Article in IHS Telecom Newsletter, Vol 12, Issue 2

19 Document -31, an article from the IHS Telecom Newsletter, was provided for information. TR-45.8
20 and ATIS joint work on “Moving one step closer to wireless emergency alerts” article, was provided
21 for information.
22

23 10o. ITU-R M.1457-10 Submission Information

24 Documents -32 and -38 were provided for information.
25

26 10p. Draft report of the Second 3GPP LTE-Advanced Evaluation Workshop

27 Document -33 was provided for information.
28

29 10q. GSC-15 Preparation

30 Documents -36 and -37, regarding the preparation for the GSC-15 meeting which is being held in
31 Beijing August 30-September 2, were presented. C.Blum of TIA will attend as the TIA Head of
32 Delegation (HoD) and J.Brownley of Alcatel-Lucent will attend as the TR-45 Chair. In addition, it
33 was noted that document -36 supersedes document -37, which was provided for information. It was
34 noted that the deadline for contributions to GSC-15 is 13 August 2010.
35

36 **Action 10/06-19**

37 Document -36 was remanded to TR-45.3, TR-45.5, TR-45.8, and AHIMT to generate the TR-45
38 High Interest Subject (HIS) presentations (as listed in the table below) for the GSC-15 meeting.
39 The TR-45 presentations are needed to TR-45 by 02 August 2010.
40
41

High Interest Subjects for GSC-15	TR-45 Presentations
Continuing cooperation on IMT Standardization	TR45.AHIMT
Emergency Communications	TR-45.8
Security and Lawful Interception	TR-45.8, LI

IP over Broadband Access in Support of Convergence	TR-45.8 lead TR-45.3 assist TR-45.5 assist
Wireless Access including RLANs and ad-hoc networking	TR-45.8 lead

1
2 10r. Final Report of TR-45 Evaluation Group

3 Document -39, the final report from the TR-45 Evaluation Group, was approved by TR-45 for
4 submission to the ITU during the 1 June 2010 TR-45 interim plenary teleconference.

5
6 The AHIMT will remain active until at least August 2010 and will provide input to the upcoming
7 GSC-15 meeting.

8
9 **11. Liaison Reports**

10 Document -10, the IFAST Report to TR-45, was presented. There were no comments or questions for
11 clarification. TR-45 expressed its appreciation to IFAST for continuing to provide the IFAST report to
12 TR-45.

13
14 **12. Review Assignments**

15 The meeting assignments are provided throughout the report.

16
17 **13. Review Meeting Schedules**

18 13a. TR-45 2010 Schedule

19 The remaining 2010 TR-45 meetings are listed below:

- 20 • August 25-26 - Chicago
- 21 • December 13-14 - Waikiki

22
23
24 It was noted that the 25-26 August meeting would be hosted by the TIA law firm, Seyfarth Shaw;
25 however, a dedicated room block was not contracted. During the discussions the Secretary was asked
26 to look into securing meeting space and a room block at a nearby Embassy Suites.

27
28 13b. Subcommittee 2010 Schedules

29 The 2010 TR-45 subcommittee meeting schedules were provided in the respective subcommittee
30 reports to TR-45.

31
32 13c. 2011 Meeting Schedule

33 Document -13, the proposed TR-45 2011 meeting schedule, was provided for information. It was
34 agreed to continue to co-locate with 3GPP2 in Hawaii in 2011. During the discussions, it was
35 suggested that one of the 2011 meetings be held virtually.

36
37 **14. Open Discussion**

38 **Action 10/06-20**

39 Document -35, Online Balloting System Enhancements - Voting Options, was remanded to the
40 Subcommittees and AHAG for information.

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Action 10/06-21

Going forward that TR-45 agenda will continue to list each individual liaison report in the Liaison Reports section.

Action 10/06-22

TIA to provide the status and action plans regarding “Continuous Maintenance” of ANS standards.

Action 10/06-23

TIA to provide TR-45.3 the publication status of 136-G and enhanced 136-H.

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 10:00 AM local time 3 June 2010.

Jane C. Brownley
Chair
Engineering Committee TR-45

Victoria Mitchell
Secretary
Engineering Committee TR-45