



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-45 Meeting Report

Date: 09/05-06/07

Location: Arlington, VA

Approved: 11/20/07

T# 10769

**Telecommunications Industry Association
TR-45 Committee
Mobile & Personal Communications Standards (TR-45)
Report of Meeting
September 5-6, 2007
TIA Headquarters, Arlington, VA, USA**

Quorum List, Members Present

Member	Representative	Attendance	
		Last	Prior
1. Alcatel-Lucent	C. Blum	X	X
2. Alltel	D. Gentzler	X	
3. AT&T	P. Musgrove	X	X
4. CDMA Development Group	S. Samra	X	
5. Cisco Systems	V. Vojislav	X	
6. CommFlow Resources	G. Pellegrino	X	X
7. Ericsson	J. Ragsdale	X	X
8. FBI (CIU)	J. Trakinat	X	
9. Motorola, Inc.	L. Milton	X	X
10. Nortel Networks	G. Patel	X	X
11. Qualcomm	F. Quick	X	X
12. Rogers Wireless	P. Oldfield	X	
13. Sigma Delta Communications	P. Nurse		X
14. Sprint Nextel	G. Turnipseed	X	X
15. Toshiba	J. Madrid	X	
16. Verizon Wireless	G. Flynn	X	

Quorum List, Members Absent

[Note: This 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.]

Member	Representative	Attendance	
		Last	Prior
1. InterDigital Communications, Corp.	B. Kiernan		X
2. LG Infocomm	S. Kwon		
3. Nokia Mobile Phones	W. Tamminen		X

Others Present

Member	Representative
1. Alcatel-Lucent	J. Brownley
2. Alcatel-Lucent	F. O'Brien
3. Alcatel-Lucent	O. Pearson
4. Defense Information Systems Agency	B. Choi
5. FBI ESTS GT	M. Heston
6. Qualcomm	M. Epstein
7. Nortel	M. Bienn
8. Sprint Nextel	B. Hirschman
9. Sprint Nextel	C. Seagren

10. TIA	P. Vishney
11. TIA	A. Kurtzman
12. TIA	P. Bogard
13. TIA	D. Bart
14. TIA	S. Montgomery
15. TIA	J. Derr

[Note: The number/letters associated with the sections/paragraphs are related to the agenda item number/letter and the order in which they were addressed during the meeting.]

- The TR-45 Committee was convened on September 5, 2007, at TIA Headquarters in Arlington, VA, USA, at 1:10 PM local time.
 - C.Blum/Chair TR-45 called the meeting to order and welcomed the TR-45 membership to TIA Headquarters.
- The Chair duly informed the meeting attendees of the Important Notice of Participation provided on the meeting agenda.
- Meeting attendance was recorded as indicated by the above list and quorum was established.
- The attached meeting agenda was reviewed and approved as amended.
- Regarding the early disclosure patent policy,
The Chair duly informed the meeting attendees of the TIA Patent Policy per note 4 on the meeting agenda. There were no comments from the meeting attendees regarding the early disclosure of patents.
- Relative to contributions and submissions, the following documents were numbered and assigned accordingly. Everyone was strongly encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.

Number	Title	Source	Agenda Item
TR45/07.09.05.00R1	Submission & Contribution Assignment List	J.Brownley Secretary TR45	6
TR45/07.09.05.01R1	Meeting Agenda	C.Blum Chair TR45	4
TR45/07.09.05.02	TR-45 Meeting Report of 6-7 June 2007	J.Brownley Secretary TR45	7
TR45/07.09.05.03	TR-45 Committee 2008 Meeting Schedule	J.Brownley Secretary TR45	14c
TR45/07.09.05.04	TR-45 Committee 2007 Meeting Schedule	J.Brownley Secretary TR45	14a
TR45/07.09.05.05/a	Subcommittee TR-45.2 Report	L. Milton Chair TR-45.2	9a, 14b
TR45/07.09.05.06	Report of TR-45.3 to TR-45	P. Musgrove Chair TR-45.3	9b, 14b
TR45/07.09.05.07	TR-45.4 Report	G. Turnipseed Chair TR-45.4	9c, 14b
TR45/07.09.05.08	TR-45.5 Report	O. Pearson Chair TR-45.5	9d, 14b
TR45/07.09.05.09	TR-45.6 Report to TR-45	B.Hirschman Chair TR-45.6	9e, 14b
TR45/07.09.05.10R1/a R1	AHAG Report	F. Quick Chair AHAG	9f

TR45/07.09.05.11/a/b/c/d	AHG on ESN/UM/MEID Report	G. Pellegrino Chair AHG on ESN/UM/MEID	9h
TR45/07.09.05.12	ESN Administrator's Report	J.Derr ESN Administrator	9h
TR45/07.09.05.13	MEID Administrator's Report	A. Dryden MEID Administrator	9h
TR45/07.09.05.14	AHEM Report	P. Nurse Chair AHEM	9g
TR45/07.09.05.15	< document number not used >		
TR45/07.09.05.16	IFAST Liaison Report	E. Hall IFAST Liaison	12j
TR45/07.09.05.17	ITU-R Liaison Report	M. Epstein ITU-R Liaison	12c
TR45/07.09.05.18	Incoming Correspondence from China Unicom re: Urgent Request to Allocate More UIM_ID	F. Zhang China Unicom	9h
TR45/07.09.05.19	Incoming Correspondence from Verizon Wireless re: TR-45 Vice-Chair Nomination Letter	W. Stone Verizon Wireless	8
TR45/07.09.05.20	Incoming Correspondence from TIA Liaison to 802.11 Re: IEEE 802 Emergency Services Ad Hoc	S.Whitesell TIA Liaison to 802.11	11b
TR45/07.09.05.21	Incoming Correspondence from TR-47 Re: ITU-T SG2 Liaison Statement on Cell Broadcast	J. Upton Chair TR-47	10g
TR45/07.09.05.22	GSC-12 Report, Resolutions, and Communiqué	C. Blum Chair	11a
TR45/07.09.05.23	Outgoing Correspondence Re: PN for TIA-946 Revision	C. Blum Chair	9f
TR45/07.09.05.24	< document number not used >		
TR45/07.09.05.25	Incoming Correspondence from Alcatel-Lucent Re: TR-45.5 Chair Nomination Letter of Support	V.Vasudevan Alcatel-Lucent	9d
TR45/07.09.05.26	Incoming Correspondence from TIA Re: New TIA TR-45 Administrator	S. Montgomery TIA	12f
TR45/07.09.05.27	ITU-R WP8A Liaison Statement Re: Handbook on Deployment of BWA Systems	C. Langtry Counsellor ITU SG8	11c
TR45/07.09.05.28R1	cdma2000 for Public Safety in U.S. Band Plan for 700 MHz	S.Zaheer Alcatel-Lucent	11d
TR45/07.09.05.29	TR-45 Report to the 25-26 July 2007 TIA TSSC and TC Meetings	C. Blum Chair	12f
TR45/07.09.05.30	Incoming Correspondence from Sprint Re: TR-45.5 Vice-Chair Nomination Letter of Support	N. Baustert Sprint	9d
TR45/07.09.05.31	ITU-R WP8F Liaison Statement Re: Schedule for Updates to M.1457-8	C. Langtry Counsellor ITU SG8	12c
TR45/07.09.05.32	ITU-R WP8F Liaison Statement Re: Minimum Performance Requirements and Evaluation Guidelines for IMT-Advanced	C. Langtry Counsellor ITU SG8	11e

TR45/07.03.07.33	ATIS WTSC G3GRA Correspondence Re: Proposed Joint Work on Interference and Co-Existence	M. Younge Chair ATIS WTSC	10d
TR45/07.06.06.23	Outgoing Correspondence to TIA Re: Proposed Joint Work with ATIS on Interference and Co-existence	C.Blum Chair TR45	10d

7. The meeting report of 6-7 June 2007 numbered TR45/07.09.05.02 was reviewed. A motion was made and passed with no objections to approve the report as provided.
8. Committee TR-45 Vice-Chair Election
TIA Staff and the TR-45 Chair indicated that there were no nominations for TR-45 Vice-Chair received prior to the meeting. There were no additional nominations from the floor during the meeting. TIA conducted a vote of the TR-45 meeting quorum members to waive the TIA Engineering Manual term limit to permit the incumbent TR-45 Vice-Chair to run for an additional term. Without objection the result of the vote was to approve a waiver to the TIA Engineering Manual term limit to permit the incumbent TR-45 Vice-Chair to run for an additional term. Subsequently, Gerry Flynn of Verizon Wireless was re-elected as TR-45 Vice-Chair by acclamation for a third 2-year term. Document .19 was provided for information for consideration.
9. The following Subcommittee and Ad-Hoc Group reports were provided:
 - a. **TR-45.2 Subcommittee** – L.Milton provided Document .05 as the written report with Document .05a as an attachment regarding publication status. TIA Staff indicated that now there is a dedicated standards webmaster, TIA Staff will work with Subcommittee TR-45.2 to establish the requested website location for the SS7 Translation Type (TT) and Subsystem Numbers (SSN.) It was noted that the new Committee TR-45 contact at TIA, Peter Bogard, will continue to work with Subcommittee TR-45.2 to address the back-log of TR-45.2 standards that have not been published to date. Attention was drawn to the potential impact of Common IMS specifications resident in 3GPP on TR-45.2 documents, in particular, and TIA, in general. The membership was reminded that TIA can reference ETSI documents transposed from 3GPP specifications.
 - b. **TR-45.3 Subcommittee** – P.Musgrove provided Document .06 as the written report. Plus it was reported that Peter Musgrove of AT&T was re-elected by acclamation as the TR-45.3 Chair at the Subcommittee meeting held on 5 September 2007. In addition, Jim Ragsdale of Ericsson was re-elected by acclamation as the TR-45.3 Vice-Chair at the Subcommittee meeting held on 5 September 2007.
 - c. **TR-45.4 Subcommittee** – G.Turnipseed provided Document .07 as the written report. It was reported that TR-45.4 identified no issues related to the assignment of cell broadcast message identifiers for emergency alerts per contribution TR45/07.06.06.20 remanded from the Committee TR-45 meeting in June 2007.
 - d. **TR-45.5 Subcommittee** – O.Pearson provided Document .08 as the written report. Documents .25 and .30 were provided for information regarding nominations for TR-45.5 Chair and Vice-Chair. It was reported that Orlett Pearson of Alcatel-Lucent was elected by acclamation as the new TR-45.5 Chair at the Subcommittee meeting held in August 2007. In addition, Chris Seagren of Sprint was elected by acclamation as the new TR-45.5 Vice-Chair at the Subcommittee meeting held in August 2007. Committee TR-45 expressed its appreciate and thanks to Jean Alphonse for his many years of service to Subcommittee TR-45.5 as Chair and requested that TIA provide a plaque of recognition to Jean Alphonse. In addition, Subcommittee TR-45.5 requested that TIA provide a plaque of recognition for the TR-45.5 Working Group 1 (WG-1) Chair, Phil Brown and for the former TR-45.5 Working Group 2 (WG-1) Chair, Scot Droste of Motorola, for their dedication and service to Subcommittee TR-45.5. The TR-45.5 Chair agreed to provide words of recognition to TIA for the plaques for the former TR-45.5 Chair, Jean Alphonse, the former TR-45.5 WG-1 Chair, Phil Brown, and the former TR-45.5 WG-1 Chair, Scot Droste. It was noted that many of the back-logged unpublished TR-45.5 standards have been cleared by TIA, thanks to the work of P.Bogard of TIA. Attention was drawn to the usage of the terms “standards” versus “specifications” or “documents.” It was noted that for TIA standards the term “standards” would be retained and for 3GPP2 specifications the term “specifications” would be retained.

The new TIA process to transpose 3GPP2 specifications to TIA standards will indicate which documents are a TIA “standard.”

- e. **TR-45.6 Subcommittee** – B.Hirschman provided Document .09 as the written report. It was noted that discussion of insufficient ballot votes and the referencing of internet drafts would be deferred until agenda items 10a and 10e under Old Business. TR-45.6 will work with TIA staff to address the publication of TIA-1041-A, “*cdma2000 Broadcast and Multicast Services*” considering that it supersedes the original standard, TIA-1041, that has not been published.

The Committee recessed for a break at 2:35 PM and reconvened at 2:55 PM.

- f. **Ad Hoc Authentication Group (AHAG)** – F.Quick provided Document .10R1 as the written report. It was reported that the revised AKA joint control agreement with 3GPP SA is in effect. PN-3-0095-RV1 was approved for a 30-day TIA ballot with no objections. The AHAG Chair will take the appropriate actions to initiate and complete a 30-day ballot of PN-3-0095-RV1. TR-45 took an action item to send correspondence to 3GPP2 TSG-S to request an extension of the V&V timeframe for S.P0078-B until the December meeting of TSG-S to allow completion of the ballot of PN-3-0095-RV1. The TR-45 November meeting agenda will include approval of PN-3-0095-RV1 for publication. The TR-45 ballot resolution reply letter in Document .10aR1 regarding TIA-946-2[E] was approved without objection. TR-45 will send the approved ballot resolution reply letter in Document .10aR1. Document .23 was provided for information.
- g. **AHG on Electronic Media Documentation (AHM)** – P.Nurse provided Document 14 as the written report. With the addition of a new TIA webmaster staff for standards, the requested TR-45 electronic projects (i.e., calendar and sign-in) are now in the queue for implementation as noted by TIA.
- h. **AHG on ESN/UIM/MEID (EUMAG)** – G.Pellegrino provided Document .11 as the written report with attachments .11a through .11d. TR-45 approved for publication of the TIA Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator) Assignment Guidelines and Procedures v4.0 as provided in Document .11c [clean] with no objections. TIA to post the approved MEID Guidelines in Document .11c [clean] on the TIA website. There was some discussion regarding the proposed Press Release in Document .11d, regarding MEID awareness, versus alternative options. There was no support to go forward with the Press Release in Document .11d. TR-45 requested that TIA provide the resources to generate a “White Paper” on MEID awareness under the auspices of the TIA WCD no later than 30 September 2007 and requested that the TIA WCD distribute the “White Paper” to the FCC and industry, as appropriate. Incoming correspondence from China Unicom provided in Document .18 regarding UIM_IDs was provided for information and action as appropriate. Document .18 was remanded to the EUMAG for information for consideration and to provide suggested input for a TR-45 response to China Unicom.
 - **ESN Administration** – J.Derr provided Document .12 as the written report. It was reported that the ESN exhaust is projected for 1Q08 based on the ESN codes assigned by category over the last 12, 15, and 6 months. Furthermore, it was emphasized that “*the projected exhaust dates are expected to have a greater volatility in the second half of 2007 as the number of unassigned codes draws down.*”
 - **MEID Administration** – On behalf of A.Dryden, G. Pellegrino presented Document .13, the written report. Document .13 was provided for information. It was noted that the CDG plans to initiate a global campaign including workshops, particularly in the Asia region, to promote MEID awareness.
- i. **TR-45 Standards Development Program Report** – There was no report. It was agreed to remove this agenda item with no objections.
- j. **J-STD-025-B Series Report** – There was no report. However, it was noted the TIA did compile and file comments on the DoJ Petition on CALEA before the 25 July 2007 deadline. It was agreed that TR-45.6

would be responsible within TR-45 to study the impact of the features referenced in the DoJ Petition on CALEA and investigate the potential for any impacts on cdma2000 relative to J-STD-025-B.

- k. **OID Administrators Report** - There was nothing to report at the time. The Administrator position remains vacant. TR-45 plans to work with TIA staff to fill the OID Administrator vacancy.
- l. **AHG on Wireless Alerts** – There was no written report. There were no updates at this time.

10. Relative to old business, the following items were addressed:

b. **TIA Publication of 3GPP2 Specifications**

A new TIA Advisory, effective October 2007, will be issued to outline the new process to transpose 3GPP2 specifications to TIA standards. This new process will apply to new TIA projects submitted for publication going forward. In general, for the new process TIA will be appending a few additional pages (i.e., the cover, copyright, disclaimer, etc.) to the front of the 3GPP2 specification for transposition to a TIA standard.

Under the new process, the 3GPP2 document number will appear on the cover page along with the TIA standard number. The TIA PN-equivalent and the TIA standard number will be the same with the new numbering scheme. The internal references to 3GPP2 specification numbers will no longer be changed to TIA standard numbers. It was noted that a 3GPP2/TIA document number cross reference table is maintained on the TIA website, when the cross reference table was removed from the 3GPP2 documents some time ago. However, a distinction between normative and informative references will still have to be maintained. Additional aspects of the process will be clearly outlined in the TIA Advisory.

c. **TIA Legal Comments Post-publication Submission**

TIA legal has been made aware of the ongoing issue of comments being provided post submission for publication. TIA legal has been encouraged to provide comments prior to submission for publication during the ballot period. Thoughts are that the implementation of the new transposition process will alleviate many of the typical post-publication legal comments.

d. **Joint Work on Interference and Co-Existence**

Documents TR45/07.03.07.33 and TR45/07.06.06.23 were carried-forward from previous TR-45 meetings regarding the joint work with ATIS WTSC on interference and co-existence. It was noted that the joint work needs to be formally initiated between TIA and ATIS Staff per the new MoU. TIA Staff agreed to contact ATIS Staff to initiate this joint work on interference and co-existence per the new MoU.

e. **Voting Pool for TIA Ballots – Status**

It was reported that TIA plans to remove member companies from the ballot voting pool (per Engineering Committee) that have not voted for some number (to be determined) of past ballots. Those member companies would be notified that going forward they would be dropped from the automatic voting pool and have to re-register document by document for each ballot (unless they explicitly request otherwise.) This process would “scrub” the voting pool for TIA ballots to the member companies that have a track record of voting and/or express an explicit interest in voting on TIA ballots. Note, voting on ballots would continue to be conducted in accordance with the TIA Engineering Manual.

The Committee recessed at 5:30 PM Local Time on Wednesday, September 5, 2007 and re-convened at 8:45 AM Local Time on Thursday, September 6, 2007.

a. **Referencing Internet Drafts in TIA Standards**

The TIA Technical Committee (TC) has noted that the current policy this that TIA Engineering Committees can not reference draft standards unless the drafts are of TIA standards. Regarding the internet drafts in question, the TC suggested that the original contributors to the internet drafts be requested to submit the same source material into the TIA standards development process. It was

determined that this approach was not necessarily feasible. Several alternative approaches (such as a mirrored copied of the internet drafts, publication of interim standards, and more) were considered.

It was noted that 3GPP2 could publish 3GPP2 specifications that reference internet drafts. However, TIA would not be able to transpose the 3GPP2 specifications that reference internet drafts into TIA standards unless this issue is resolved. TR-45 plans to approach the TIA TC again with a more specific request to: (1) change the TIA policy to reference IETF drafts only, noting that specific internet draft versions would be referenced, (2) request that disclaimer language be associated with the references to the IETF internet drafts, and (3) that guidelines be crafted such that IETF internet drafts only with some stated level of maturity be referenced.

The next TIA TC meeting is scheduled for mid-October 2007. TIA legal is investigating any potential impacts with ANSI. A TR-45 Ad-Hoc Group, Chaired by B.Hirschman, was established to develop the TR-45 input to the TIA TC regarding the request to change the TIA policy to allow TR-45 to reference IETF internet drafts. The TR-45 Chair will send correspondence to the membership announcing the creation of the Ad-Hoc Group on Referencing Internet Drafts. Plans are for the newly established Ad Hoc Group on Referencing Internet Drafts to provide input for TR-45 to approve by 8 October 2007.

f. Readout of FCC CMSAAC Activities

The next CMSAAC meeting is scheduled for 19 September 2007. At the meeting the fourth version of the document on the alerts system recommendations will be provided for approval by the members. TIA is a voting member of the FCC CMSAAC. At the following 3 October 2007 meeting, the 41 CMSAAC voting members will vote on the approved of the final version of the document. C.Blum will vote on behalf of TIA. C.Blum will work with TIA to determine the TIA vote. Going forward carriers will make a decision relative to the ultimate FCC rule making later in 2008 whether to “opt-in” or “opt-out” of the various categories of recommendations. In parallel, thoughts are that the related alert system standards (based on the recommendations that define the requirements) would be stable by October 2008. It was suggested that TR-45.5 take the lead on the development of the standards on wireless alerts for cdma2000 in Committee TR-45. TR-45.5 will coordinate with the other TR-45 Subcommittees that will most likely be impacted, TR-45.2, TR-45.4, and TR-45.6. Before the end of September 2007, the TR-45 Chair will distribute the final draft document on the alert system recommendations to the TR-45 Subcommittees.

g. ITU-T SG2 Liaison Statement on Cell Broadcast

The proposed TIA TR-45 response to the ITU-T SG2 Liaison on Cell Broadcast Message Identifiers contained in Document TR45/09.06.06.20 was approved with no objections. TR-45 will forward to the ITU-T SG2 the approved TIA TR-45 response to the ITU-T SG2 Liaison on Cell Broadcast Message Identifiers contained in Document TR45/09.06.06.20. In addition, it was approved without objections to forward the recommendations contained in Document TR45/09.06.06.20 to the U.S. preparation process for ITU-T SG2. Document .21 was provided for information.

11. Relative to new business, the following items were addressed:

a. GSC-12 Readout and Resolutions

Document .22 contained the GSC-12 report, resolution, and communiqué’. Document .22 was provided for information. It was reported that GSC-13 will be hosted by ATIS in the United States most likely in July 2008.

b. IEEE 802 Emergency Services Ad Hoc

Document .20 was provided for information.

c. ITU-R WP8A Handbook on Deployment of BWA Systems

Document .27 was provided for information for consideration. Document .27 was remanded to the TR-45 Subcommittees and the AHAG to review to insure that the Handbook chapter on BWA systems accurately reflects the TR-45 technologies and to provide input at the next TR-45 meeting in November 2007. In addition, TR-45 will seek feedback from the CDG and from 3G Americas on the Handbook

chapter on BWA in Document .27. TR-45 will consolidate the input and reply by the 1 December 2007 deadline to the contact persons identified in the Liaison Statement from ITU-R WP8A.

- d. **cdma2000 for Public Safety in U.S. Band Plan for 700 MHz Band**
Document .28R1 was remanded to Subcommittee TR-45.5 to review and provide comments back, if any, to TR-45 by the next TR-45 meeting in November 2007. Plans are for TR-45 to provide input to the U.S. 8A prep process. Depending on the dates of the U.S. preparation process meetings, if input is needed prior to the next TR-45 meeting, the TR-45 Chair would contact TR-45.5.
- e. **ITU-R WP8F Minimum Performance Requirement and Evaluation Guidelines for IMT-Advance**
Document .32 was remanded to Subcommittees TR-45.3 and TR-45.5 to review and to provide comments back to TR-45 at the next TR-45 meeting in November 2007.
- f. **Lawful Intercept for WiMAX**
TR-45.6. to study the impact of doing Lawful Intercept standards for WiMAX and provide feedback to TR-45 at the next meeting in November 2007 or at an interim plenary of TR-45, if one is scheduled.

12. In terms of Liaisons, the following was reported:

- a. **CTIA** – There was no report.
- b. **ITU-T** – There was no report.
- c. **ITU-R** – Document .17 was the ITU-R Liaison Report written report provided for information. Document .31, the ITU-R WP8F schedule for updates to Recommendation M.1457-8, was remanded to Subcommittees TR-45.3 and TR-45.5.
- d. **CITEL** – There was no report.
- e. **Wireless Communications Division (WCD)** – It was noted that the TIA WCD meeting is scheduled for 6 September 2007 immediately following the TR-45 meeting at TIA Headquarters in Arlington, VA.
- f. **TIA** – Documents .26 and .29 were provided for information.
- g. **3GPP2** – On behalf of G.Flynn, C.Blum provided a brief verbal report. Mentioned were the plans for Common IMS work and the plans to expand the scope of 3GPP2 to address future work.
- h. **3GPP** – P.Musgrove provided a brief verbal report. Mentioned was that the Common IMS work is going smoothly. It was noted that work on Public Warning System (PWS) is taking place in 3GPP SA.
- i. **ATIS** – There was no report.
- j. **IFAST** – E.Hall presented Document .16, the written report, via speakerphone.
- k. **Project MESA** – There was no report.

13. In review of assignments, a summary of the assignments was as follows:

- 1. TIA will work with Subcommittee TR-45.2 to determine the website requirements and to establish the requested website location for the SS7 Translation Type (TT) and Subsystem Numbers (SSN.)
- 2. The new TIA contact for Committee TR-45, Peter Bogard, will continue to work with TR-45.2 to address the back-log of TR-45.2 standards that have not been published to date.

3. The TR-45.5 Chair took an action to provide words of recognition to TIA for plaques for the former TR-45.5 Chair, Jean Alphonse, the former TR-45.5 WG-1 Chair, Phil Brown, and the former TR-45.5 WG-1 Chair, Scot Droste.
4. TR-45.6 will work with TIA staff to address the publication of TIA-1041-A bearing in mind that TIA-1041-A supersedes the original TIA-1041 standard that has not been published.
5. The AHAG Chair will take the appropriate actions to initiate a 30-day ballot of PN-3-0095-RV1.
6. TR-45 took an action item to send correspondence to 3GPP2 TSG-S to request an extension of the S.P0078-B V&V until the December meeting of TSG-S to allow completion of the PN-3-0095-RV1 ballot.
7. The TR-45 November meeting agenda will include the approval of PN-3-0095-RV1 for publication.
8. TR-45 will send to Qualcomm the approved ballot resolution reply letter in Document .10aR1.
9. The AHAG Chair took as an action item to contact 3GPP2 TSG-S to request that TSG-S address the TIA legal comments made after the publication of the three 3GPP2 specifications related to TIA-1091, TIA-1097, and TIA-1098.
10. With the addition of a new TIA webmaster staff for standards, TIA will address the requested TR-45 electronic projects (i.e., calendar and sign-in) in order of priority with the other standards items.
11. TIA will post the approved MEID Guidelines in Document .11c [clean] on the TIA website.
12. TR-45 requested that TIA provide the resources to generate a “White Paper” on MEID awareness under the auspices of the TIA WCD no later than 30 September 2007 and requested that the TIA WCD distribute the “White Paper” to the FCC and industry, as appropriate.
13. Document .18 was remanded to the EUMAG for information for consideration and to provide suggested input for a TR-45 response to China Unicom.
14. It was agreed that TR-45.6 would be responsible within TR-45 to study the impact of the features referenced in the DoJ Petition on CALEA and investigate the potential for any impacts on cdma2000 relative to J-STD-025-B.
15. TR-45 plans to work with TIA staff to fill the OID Administrator vacancy.
16. TR-45.5 will take the lead on the development of the standards on wireless alerts for cdma2000 in Committee TR-45. TR-45.5 will coordinate with the other TR-45 Subcommittees that will most likely be impacted, TR-45.2, TR-45.4, and TR-45.6.
17. Before the end of September 2007, the TR-45 Chair will distribute the final draft document on the alert system recommendations to the TR-45 Subcommittees.
18. TR-45 will forward to the ITU-T SG2 the approved TIA TR-45 response to the ITU-T SG2 Liaison on Cell Broadcast Message Identifiers contained Document TR45/09.06.06.20.
19. TR-45 will forward the recommendations contained in Document TR45/09.06.06.20 to the U.S. preparation process for ITU-T SG2.
20. TR-45 plans to approach the TIA TC again with a more specific request to (1) change the TIA policy to reference IETF drafts only noting that specific internet draft versions are referenced, to (2) request that disclaimer language be associated with the references to the IETF internet drafts, and (3) that guidelines be crafted such that IETF internet drafts with some stated level of maturity be referenced.

21. TIA legal is investigating any potential impacts with ANSI relative to referencing IETF internet drafts.
 22. A TR-45 Ad-Hoc Group, Chaired by B.Hirschman, was established to develop the TR-45 input to the TIA TC regarding the request to change the TIA policy to allow TR-45 to reference IETF internet drafts.
 23. The TR-45 Chair will send correspondence to the membership announcing the creation of the Ad-Hoc Group on Referencing Internet Drafts.
 24. Plans are for the Ad Hoc Group on Referencing Internet Drafts to provide input for TR-45 approval by 8 October 2007.
 25. Document .27 was remanded to the TR-45 Subcommittees and the AHAG to review to insure that the Handbook chapter on BWA systems accurately reflects the TR-45 technologies and to provide input at the next TR-45 meeting in November 2007.
 26. TR-45 will seek feedback from the CDG and from 3G Americas on the Handbook chapter on BWA in Document .27.
 27. TR-45 will consolidate the input on the Handbook chapter on BWA and reply by the 1 December 2007 deadline to the contact persons identified in the Liaison Statement from ITU-R WP8A in Document .27.
 28. Document .28R1 was remanded to Subcommittee TR-45.5 to review and provide comments back, if any, to TR-45 by the next TR-45 meeting in November 2007.
 29. Plans are for TR-45 to provide input to the U.S. 8A prep process relative to Document .28R1. Depending on the dates of the U.S. preparation process meetings, if input is needed prior to the next TR-45 meeting, the TR-45 Chair would contact TR-45.5.
 30. Document .32 was remanded to Subcommittees TR-45.3 and TR-45.5 to review and to provide comments back to TR-45 at the next TR-45 meeting in November 2007.
 31. TR-45.6. to study the impact of doing Lawful Intercept standards for WiMAX and provide feedback to TR-45 at the next meeting in November 2007 or at an interim plenary of TR-45, if one is scheduled.
 32. Document .31, the ITU-R WP8F schedule for updates to Recommendation M.1457-8, was remanded to Subcommittees TR-45.3 and TR-45.5.
14. Review meeting schedules,
- a. **TR-45 2007 Schedule** – Document .04 was provided for information.
 - b. **Subcommittees and AHG 2007 Schedules** – Documents .05, .06, .07, .08, and .09 were provided for information.
 - c. **TR-45 2008 Schedule** – Document .03 was provided for information.

15. Open Discussion

Having concluded the meeting's deliberations, a motion was made to adjourn. The meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at approximately 11:45 AM local time September 6, 2007.

Chair
Engineering Committee TR-45

Jane C. Brownley
Secretary
Engineering Committee TR-45

Organization: TIA Engineering Committee TR-45
Mobile & Personal Communications Standards (TR-45)
Chair: Cheryl J. Blum
Alcatel-Lucent
630-713-1449, Fax: 630-713-1921
Date: Wednesday, September 5 through Thursday, September 6, 2007
Time: Convene at 1:00 PM Local Time
Adjournment at approximately 12:00 PM Local Time
Location: TIA Headquarters
2500 Wilson Blvd
Arlington, VA 22201 USA
Telephone: 703-907-7700
FAX: 703-907-7727
Hotels Near TIA: <http://www.tiaonline.org/about/hotels.cfm>
EDC Cut-off: September 3, 2007 11:59 PM Eastern Time (Please see Note 2 below.)
FTP Sites: <http://ftp.tiaonline.org/TR-45/TR45MAIN/INCOMING>
<http://ftp.tiaonline.org/TR-45/TR45MAIN/WORKING/current>

AGENDA

PLEASE READ: See the notes below for important information relative to the meeting agenda and the electronic distribution of contributions.

1. Call to Order & Opening Remarks, Chair
2. Important Notice of Participation (see Note 1 below)
3. Attendance Registration & Roll Call
4. Agenda Review & Approval (*TR45/07.09.05.01*)
5. Early Disclosure Policy (see Note 4 below)
6. Introduction of Submissions and Contributions and Numbering (Please see Note 3 below.)
7. Review of Meeting Report from Previous Meetings, Secretary (*TR45/07.09.05.02*)
8. Committee TR-45 Vice-Chair Election (*TR45/07.09.05.19*)
9. Reports
 - a. TR45.2 Subcommittee, L.Milton (*TR45/07.09.05.05*)
 - b. TR45.3 Subcommittee, P.Musgrove (*TR45/07.09.05.06*)
 - c. TR45.4 Subcommittee, G.Turnipseed (*TR45/07.09.05.07*)
 - d. TR45.5 Subcommittee, O.Pearson (*TR45/07.09.05.08*), (*TR45/07.09.05.25*), (*TR45/07.09.05.30*)
 - e. TR45.6 Subcommittee, B.Hirschman (*TR45/07.09.05.09*)
 - f. Ad Hoc on Authentication Group (AHAG), F.Quick (*TR45/07.09.05.10R1*), (*TR45/07.09.05.23*)
 - g. AHG on Electronic Media Documentation (AHM), P.Nurse (*TR45/07.09.05.14*)
 - h. AHG on ESN/UIM/MEID (EUMAG), G.Pellegrino (*TR45/07.09.05.11*), (*TR45/07.09.05.18*)
 - ESN Administrator's Report, J.Derr (*TR45/07.09.05.12*)
 - MEID Administrator's Report, A.Dryden (*TR45/07.09.05.13*)
 - i. TR-45 Standards Development Program Report, *vacant*

Note 1: 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 the TIA Engineering Manual 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 TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

Note 2: Recesses may occur at any point in the agenda, when necessary, for breaks, meals, and recessing for the day.

Organization: TIA Engineering Committee TR-45
Mobile & Personal Communications Standards (TR-45)
Date: Wednesday, September 5, 2007 to Thursday, September 6, 2007
Time: Convene at 1:00 PM Local Time
Adjournment at approximately 12:00 PM Local Time

AGENDA (cont'd)

- j. J-STD-025 Series Report, G.Pellegrino
- k. OID Administrators Report, *vacant*
- l. AHG on Wireless Alerts, D.Sennett (*TR45/07.09.05.15*)
- 10. Old Business
 - a. Referencing Internet Drafts in TIA Standards
 - b. TIA Publication of 3GPP2 Specifications
 - c. TIA Legal Comments Post-publication Submission
 - d. Joint Work on Interference and Co-Existence (*TR45/07.03.07.33*), (*TR45/07.06.06.23*)
 - e. Voting Pool for TIA Ballots – Status
 - f. Readout of FCC CMSAAC Activities
 - g. ITU-T SG2 LS on Cell Broadcast (*TR45/07.09.05.21*)
- 11. New Business
 - a. GSC-12 Readout and Resolutions (*TR45/07.09.05.22*)
 - b. IEEE 802 Emergency Services Ad Hoc (*TR45/07.09.05.20*)
 - c. ITU-R WP8A Handbook on Deployment of BWA Systems (*TR45/07.09.05.27*)
 - d. cdma2000 for Public Safety in U.S. Band Plan for 700 MHz Band (*TR45/07.09.05.28*)
 - e. ITU-R WP8F Minimum Performance Requirement and Evaluation Guidelines for IMT-Advance (*TR45/07.09.05.32*)
- 12. Liaison Reports
 - a. CTIA, R.Kemper
 - b. ITU-T, *vacant*
 - c. ITU-R, M.Epstein (*TR45/07.09.05.17*), (*TR45/07.09.05.31*)
 - d. CITELE, *vacant*
 - e. Wireless Communication Division (WCD), G.Patel
 - f. TIA, J.Derr (*TR45/07.09.05.26*), (*TR45/07.09.05.29*)
 - g. 3GPP2, G.Flynn
 - h. 3GPP, P.Musgrove
 - i. ATIS, T.Jefferies
 - j. IFAST, E.Hall (*TR45/07.09.05.16*)
 - k. Project MESA, *vacant*
- 13. Review Assignments
- 14. Review Meeting Schedules
 - a. TR-45 2007 Schedule (*TR45/07.09.05.04*)
 - b. Subcommittee and AHGs 2007 Schedules (*TR45/07.09.05.05*), (*TR45/07.09.05.06*), (*TR45/07.09.05.07*), (*TR45/07.09.05.08*) and (*TR45/07.09.05.09*)
 - c. TR-45 2008 Schedule (*TR45/07.09.05.03*)
- 15. Open Discussion
- 16. Adjournment

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Note 3: Contributions uploaded will not be distributed via paper copy at the meeting. Contributions will be uploaded to the TIA ftp site prior to the meeting and during the meeting. For access to the ftp sites, the username/password is tiatr45/1tr45. For electronic documentation distribution guidelines see the Guidelines for TR45 Electronic Document Coordination Process and Policy appended to the TIA Guidelines for Electronic Document Coordinators (EDC) located at http://www.tiaonline.org/standards/sfg/edc_guidelines.cfm For TIA ftp site assistance contact Stephanie Montgomery, Manager, Technical & Regulatory Affairs at (703) 907-7735 or smontgomery@tiaonline.org.

Note 4: The TIA Patent Policy can be found in Statements of Policy and subsequent sections of the updated TIA Engineering Manual (issued and effective June 1, 2001). Participants in the work of the TIA Formulating Group are urged to review and comply with the appropriate sections (i.e., Section 6.5.1 and Annex H.)