

**Telecommunications Industry Association  
TR-45 Committee  
Mobile & Personal Communications Standards (TR-45)  
Report of Meeting  
01 August 2008  
via conference call**

**Quorum List, Members Present**

Member	Representative	Attendance	
		Last	Prior
1. Alcatel-Lucent	C. Blum	X	X
2. AT&T	P. Musgrove		X
3. CDMA Development Group	S. Samra		X
4. CommFlow Resources	G. Pellegrino	X	X
5. Ericsson	J. Ragsdale	X	X
6. Motorola, Inc.	L. Milton	X	X
7. LG Electronics	S. Yoon	X	X
8. Nokia Mobile Phones	W. Tamminen	X	x
9. Nortel Networks	G. Patel	X	X
10. Qualcomm	M. Epstein	X	X
11. Sprint Nextel	G. Turnipseed	X	X
12. ZTE	M. Lee	X	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. Alltel	D. Gentzler	X	X
2. Samsung	K. Green	X	X
3. Sigma Delta Communications	P. Nurse		X

**Others Present**

Member	Representative
1. Alcatel-Lucent	J. Brownley
2. Alcatel-Lucent	O. Pearson
3. Alcatel-Lucent	B. Covell
4. CDMA Development Group	D. Crowe
5. KDDI - Guest	C. Barber
6. TIA	P. Bogard
7. TIA	H. Cuschieri
8. TIA	A. Kurtzman
9. TIA	J. Derr
10. TIA	S. Montgomery
11. TIA	P. Vishny
12. Verizon	G. Flynn

[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.]

1. The TR-45 Committee was convened on August 1, 2008, via conference call at 4:00 PM Eastern Time.
  - C.Blum/Chair TR-45 called the meeting to order and welcomed the TR-45 membership to this interim plenary meeting.
2. The Chair duly read to the meeting attendees the Important Notice of Participation provided on the meeting agenda.
3. Meeting attendance was recorded as indicated by the above list and quorum was established.
4. The attached meeting agenda was reviewed and approved.
5. 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.
6. 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
TR45/08.08.08.00	Submission & Contribution Assignment List	J.Brownley Secretary TR45	6
TR45/08.08.08.01r1	Meeting Agenda	C.Blum Chair TR45	4
TR45/08.08.08.02/a	TSG-S Correspondence re: Initiation of TIA Ballot for S.P0093-0 v2.4 (cdma2000 Network Performance Measurement Types)	N. Yamasaki Chair 3GPP2 TSG-S	8b
TR45/08.08.08.03	25 Years of Wireless History in the United States	Wireless History Foundation	8c
TR45/08.08.08.04r1	TR-45 Document Guidelines – TIA Edits and Comments	S. Montgomery TIA	7b
TR45/08.08.08.05	ESN Assignment Timeline Per Motion	G. Pellegrino Chair EUMAG	7a
TR45/08.08.08.06	ESN Guidelines v2.0	G. Pellegrino Chair EUMAG	7a
TR45/08.06.04.56R2	TR-45 Document Guidelines	O. Pearson Chair TR-45.5	7b
TR45/08.07.17.02r1	ESN Guidelines v2.0 draft	G. Pellegrino Chair EUMAG	7a
TR45/08.07.17.03r1	ESN Assignment Timeline	G. Pellegrino Chair EUMAG	7a
TR45/08.07.17.07	ITU-T SG12 Liaison Statement re: Acoustic Impedance of Human and Artificial Ear	ITU-T SG12	8a

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

- a. **Review and approval of EUMAG Recommendations regarding guidelines and timeline for ESN Assignment beyond ESN Exhaust**

The Chair and G.Pellegrino directed the meeting participants' attention to Documents TR45/08.07.17.02r1 and TR45/08.07.17.03r1 carried-forward from the last TR-45 interim plenary held

on 17 July 2008. "Recommendation 1 - EUMAG exceptional limited period of time" as provided in TR45/08.07.17.03r1 was approved with no objections by Committee TR-45.

A "clean" version of TR45/08.07.17.03r1 was provided by G.Pellegrino and numbered TR45/08.08.01.05.

The Chair will inform TIA and the ESN Administrator of TR-45's support of Recommendation 1 as provided in Document .05 and will forward Recommendation 1 as provided in Document .05 to TIA and the ESN Administrator to take action as appropriate.

Version 2.0 of the ESN Guidelines as contained in TR45/08.07.17.02r1 was approved with no objections by TR-45. A "clean" version of TR45/08.07.17.02r1 was number Document .06. The EUMAG Chair will forward the ESN Guidelines v2.0 as contained in Document .06 to TIA to post on the TIA website.

For information, P.Vishny (external legal counsel for TIA) mentioned that on 25 July 2008 Gemalto filed a law suite against TIA in Federal Court in Virginia regarding UIM code assignments and any use of ESNs. There were no other named defendants at this time. However, it was noted that there were a number of unnamed "John Does" listed in the complaint that can be identified by the complainant at any time.

In addition, P.Vishny requested that everyone in Committee TR-45 not destroy or tamper with any forms of communication on paper as well as electronic forms of communications including email, snail mail, and FAXs, with respect to any communications to any party of the litigations until such time as TIA informs TR-45 otherwise. It was noted that all TIA staff was being asked to do likewise. Also, it was noted that this same caution relative to document retention would be extended to 3GPP2.

**b. Document Guidelines for Transposition of Specifications in TR-45 Documents**

Document TR45/08.06.04.56R2 was provided by O.Pearson. S. Montgomery presented Document TR45/08.08.01.04 with the TIA edits and comments. TR-45 approved Document .04 with no objections. Also, TIA approved Document .04r1 as amended with no objections. Document .04r1 was remanded to the TR-45 Subcommittees and Ad-Hoc Groups for their use in the transposition of the specifications in conjunction with their work with Partnership Projects. In addition, Document .04r1 will be forwarded to the 3GPP2 TSG and Steering Committee Chairs to take action as appropriate.

**c. Subcommittee TR-45.8 Core Networks – Mobile and Personal Communications Standards**

The first face-to-face meeting of the new Subcommittee TR-45.8 is scheduled for one hour on 28 August in Vancouver with conference bridge access provided. L.Milton (TR-45.2 Chair) and B.Hirschman (TR-45.6 Chair) are drafting the agenda for the first TR-45.8 meeting. It was noted that the second meeting of TR-45.8 will take place in September 2008 in Vancouver. Elections for Chair and Vice-Chair of TR-45.8 will take place at the TR-45.8 meeting in September 2008.

The TR-45 Chair will inform ATIS that the newly established Subcommittee TR-45.8 will be working with WTSC on the CMAS Project.

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

**a. ITU-T SG12 Liaison Statement re : Acoustic Impedance of Human and Artificial Ear**

Document TR45/08.07.17.07 was remanded to TR-45.5 and TR-45.3 for consideration in future standards work. In addition, TR-45 will forward Document TR45/08.07.17.07 to the TIA Accessibility Group.

**b. Approval for 30-day TIA ballot of 3GPP2 TSG-S document: (S.P0093-0 v2.4) cdma2000 Network Performance Measurement Types**

The Chair presented Documents .02 and .02a. It was agreed that TR-45 would request a PN and initiate a 30-day ballot for the "cdma2000 Network Performance Measurements Types."

It was noted that the PN was requested and 30-day ballot was initiated for “OAM&P for cdma2000” as agreed to at the last TR-45 interim plenary meeting held on 17 July 2008. The Chair will request an extension of the 3GPP2 TSG-S V&V period to accommodate the TIA 30-day ballot of “OAM&P for cdma2000” (S.P0028-D v0.9).

c. **25<sup>th</sup> year of Cellular Service in the United States**

The Chair presented Document .03 for information. It was noted that cellular service memorabilia was being collected for the celebration.

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

1. The Chair will inform TIA and the ESN Administrator of TR-45's support of Recommendation 1 as provided in Document .05. TR-45 will forward Recommendation 1 as provided in Document .05 to TIA and the ESN Administrator to take action as appropriate based on the TR-45 approval of Recommendation 1
2. The EUMAG Chair will forward the ESN Guidelines v2.0 as provided in Document .06 to TIA to post on the TIA website.
3. P.Vishny requested that everyone in Committee TR-45 not destroy or tamper with any forms of communication on paper as well as electronic forms of communications including email, snail mail, and FAXs, with respect to any communications to any party of the litigations until such time as TIA informs TR-45 otherwise.
4. Document .04r1 was remanded to the TR-45 Subcommittees and Ad-Hoc Groups for their use in the transposition of the specifications in conjunction with their work with Partnership Projects.
5. Document .04r1 will be forwarded to the 3GPP2 TSG and Steering Committee Chairs to take action as appropriate.
6. The TR-45 Chair will inform ATIS that the newly established Subcommittee TR-45.8 will be working with WTSC on the CMAS Project.
7. L.Milton (TR-45.2 Chair) and B.Hirschman (TR-45.6 Chair) are drafting the agenda for the first TR-45.8 meeting.
8. Elections for Chair and Vice-Chair of TR-45.8 will take place at the TR-45.8 meeting in September 2008.
9. Document TR45/08.07.17.07 was remanded to TR-45.5 and TR-45.3 for consideration in future standards work. In addition, TR-45 will forward Document TR45/08.07.17.07 to the TIA Accessibility Group.
10. TR-45 will request a PN and initiate a 30-day ballot for the “cdma2000 Network Performance Measurements Types.”
11. The Chair will request an extension of the 3GPP2 TSG-S V&V period to accommodate the TIA 30-day ballot of “OAM&P for cdma2000” (S.P0028-D v0.9).

10. Review meeting schedules,

The next meeting of Committee TR-45 is scheduled for September 3-4, 2008 at TIA Headquarters in Arlington, VA. It was noted that the link to a list of hotels near TIA Headquarters was in error on the Committee TR-45 meeting notice posted on the TIA website. The correct link < TBD > was provided. It was noted that there are no TIA rates provided at the area hotels.

11. Open Discussion

None.

12. Adjournment

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 5:10 PM Eastern Time on August 1, 2008.

Cheryl J. Blum  
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: 630-713-4119  
**Date:** Friday, August 1, 2008  
**Time:** Convene from 4:00 P.M. – 5:00 P.M. Eastern Time  
**Location:** Teleconference  
**Call In Number:** +1 888 537 7715  
**Outside of U.S:** +1 334 323 9858  
**Conference Code:** 14572912#

**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 (*TR45/08.08.01.01r1*)
5. Early Disclosure Policy (see Note 4 below)
6. Introduction of Submissions and Contributions and Numbering (Please see Note 3 below.)
7. Old Business
  - a. Review and approval of EUMAG Recommendations regarding guidelines and timeline for ESN Assignment beyond ESN Exhaust (*TR45/08.07.17.02r1*), (*TR45/08.07.17.03r1*)
  - b. Document Guidelines for Transposition of Specifications in TR-45 (*TR45/08.06.04.56R2*), (*TR45/08.08.01.04*)
  - c. Subcommittee TR-45.8 Core Networks – Mobile and Personal Communications Standards
8. New Business
  - a. ITU-T SG12 Liaison Statement re : Acoustic Impedance of Human and Artificial Ear (*TR45/08.07.17.07*)
  - b. Approval for 30-day TIA ballot of 3GPP2 TSG-S document: (S.P0093-0 v2.4) cdma2000 Network Performance Measurement Types (*TR45/08.08.01.02*) (*TR45/08.08.01.02a*)

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. cdma2000® is a registered trademark of the Telecommunications Industry Association (TIA –USA). When applied to goods and services, the cdma2000® mark certifies their compliance with cdma2000® standards.

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](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](mailto: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.)

Organization: TIA Engineering Committee TR-45  
Mobile & Personal Communications Standards (TR-45)  
Date: Friday, August 1, 2008  
Time: Convene from 4:00 P.M. – 5:00 P.M. Eastern

**AGENDA (cont'd)**

- c. 25<sup>th</sup> year of Cellular Service in the United States (*TR45/08.08.01.03*)
- 9. Review Assignments
- 10. Review Meeting Schedule
  - a. September 3-4, 2008, Arlington, Virginia
- 11. Open Discussion
- 12. Adjournment

cdma2000® is a registered trademark of the Telecommunications Industry Association (TIA –USA). When applied to goods and services, the cdma2000® mark certifies their compliance with cdma2000® standards.

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](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](mailto: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.)