



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-45 Meeting Report

Date: 05/06/08

Location: Teleconference

Approved: 6/04/08

T# 11026

**Telecommunications Industry Association
TR-45 Committee
Mobile & Personal Communications Standards (TR-45)
Report of Meeting
May 6, 2008
via Conference Call**

Quorum List, Members Present

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

Others Present

Member	Representative
1. Alcatel-Lucent	J. Brownley
2. Alcatel-Lucent	O. Pearson
3. CDG	D. Crowe
4. KDDI (invited guest)	C. Barber
5. Qualcomm	D. Ott
6. TIA	H. Cuschieri
7. TIA	J. Derr
8. TIA	A. Kurtzman
9. TIA	P. Vishney
10. ZTE	L. Cornish
11. ZTE	L. Ma

[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 meeting was convened on May 6, 2008, via conference call, at 2:05 PM EDT.
 - C.Blum/Chair TR-45 called the meeting to order and welcomed the TR-45 membership to the interim TR-45 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 as provided in TR45/08.05.06.01R2.
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.

Number	Title	Source	Agenda Item
TR45/08.05.06.01r2	Meeting Agenda	C.Blum Chair TR45	4
TR45/08.05.06.02	Correspondence from TIA Re: ESN Exhaust	A. Kurtzman Counsel TIA	8a
TR45/08.05.06.03/a/b	Correspondence from TR-45 EUMAG Re: ESN Exhaust	G. Pellegrino Chair AHG on ESN/UIM/MEID	8a
TR45/08.05.06.04/a	Correspondence to 3GPP2 from TIA Re: Response to Legal Review of 3GPP2 Documents	S.Montgomery Director TIA	7d
TR45/08.05.06.05	Joint ATIS/TIA Contribution to U.S. SG-2 Re: Cell Broadcast Message Identifiers	C. Blum Chair TIA TR-45 P. Musgrove Chair ATIS WTSC G3GSN	7c
TR45/08.05.06.06	Correspondence from SK Telecom Re: CDG letter on ESN Policy	S.Bae SK Telecom	8a
TR45/08.05.06.07/a	Correspondence from Huawei Re: CDG Letter on ESN Policy	Jianghuabing VP, Huawei Terminal Company	8a
TR45/08.05.06.08/a	Correspondence from Reliance Re: ESN Assignment Policy CDG Letter	D. Tiwari Reliance Communications Limited	8a
TR45/08.05.06.09	Correspondence from ZTE Re: CDG Letter on ESN Policy	H. Shiyu ZTE Corporation	8a
TR45/08.05.06.10	Correspondence from TIA Re: Cellular ESN Exhaust and Migration to MEIDs	G.Seiffert TIA President	8a
TR45/08.03.05.10Cr2	Correspondence to Qualcomm Re: PN-3-0237-RV1 ballot comments	F. Quick Chair AHAG	7a

TR45/08.03.05.10D	TIA-1097-A Recommended for Publication	F. Quick Chair AHAG	7a
TR45/08.03.05.10Er2	Correspondence to Qualcomm Re: PN-3-0238-RV1 ballot comments	F. Quick Chair AHAG	7b
TR45/08.03.05.10F	TIA-1098-A Recommended for Publication	F. Quick Chair AHAG	7b

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

- a. **Recommendation for Publication of PN-3-0237-RV1: *Security Mechanisms Using GBA***
PN-3-0237-RV1 in document TR45/08.03.05.10D was approved with no objections for publication as TIA-1097-A. The correspondence in document TR45/08.03.05.10Cr2 was approved with no objections. The Chair will forward the correspondence in TR45/08.03.05.10Cr2 to Qualcomm and copy-to P.Bogard of TIA. The AHAG Chair will submit PN-3-0237-RV1 in TR45/08.03.05.10D to TIA with the authorization for publication.
- b. **Recommendation for Publication of PN-3-0238-RV1: *Generic Bootstrapping Architecture (GBA) Framework***
PN-3-0238-RV1 in document TR45/08.03.05.10F was approved with no objections for publication as TIA-1098-A. The correspondence in document TR45/08.03.05.10Er2 was approved with no objections. The Chair will forward the correspondence in TR45/08.03.05.10Er2 to Qualcomm and copy-to P.Bogard of TIA. The AHAG Chair will submit PN-3-0237-RV1 in TR45/08.03.05.10F to TIA with the authorization for publication.
- c. **Update on CMAS (FCC Report & Order, Liaison to ITU-T SG-2 regarding Cell Broadcast Message Identifiers)**
P.Musgrove reported that Document .05, the joint ATIS/TIA input to SG-2 regarding Cell Broadcast Message Identifiers, was approved during the U.S.SG-2 preparation process to go forward as a U.S. National position to the ITU-R SG-2 meeting scheduled for 6-15 May 2008 in Geneva. Furthermore, it was noted that the AT&T representative to the SG-2 was asked to introduce Document .05 on behalf of the U.S. Plans are to report on the SG-2 disposition of Document .05 and address follow-up actions needed (if any) at the next Committee TR-45 meeting scheduled for 4-5 June 2008.
- d. **TIA response to 3GPP2 re: Legal review letter**
The correspondence in Document 04 was introduced by A.Kurtzman of TIA. Some concerns were raised. It was noted that TIA was to provide an updated document publication check-list to the TR-45 Subcommittees and Ad-Hoc Groups that would address the concerns. The Chair will contact P.Bogard of TIA to find out the status of the document publication check-list. It was agreed that this agenda item will be carried-forward to both the next TR-45 Chairs meeting as well as the next Committee TR-45 meeting scheduled for 4-5 June 2008. After TR-45 discussion in June 2008 that will take into consideration any comments provided by 3GPP2 on the correspondence in Document .04, the Chair will provide the document publication check-list (as amended, if necessary based on the discussion) to 3GPP2.

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

- a. **TR-45 EUMAG correspondence re: ESN Exhaust**
There was lengthy discussion on this agenda item. Document .03 with attachments .03a and .03b was presented by G.Pellegrino. Per Document .03, it was reported that the EUMAG recommends support of Option "A". Document .02 was presented by A.Kurtzman. Document .02 requested that Committee TR-45 detail direction that the ESN Administrator should follow going forward. Emphasizing that time is of the essence due to the importance of this topic. It was noted that unless and until Committee TR-45 provides direction otherwise the Electronic Serial Number Manufacturer's Code Assignment Guidelines and Procedures developed and approved by TR-45 stand and remain enforce.

In response to correspondence dated 28 April 2008 from the CDMA Development Group (CDG), Committee TR-45 received input on the ESN exhaust options from SK Telecom in Document .06, Huawei Terminal Company in Document .07, Reliance Communications Limited in Document .08, and ZTE Corporation in Document .09. Furthermore, additional input was provided on the ESN exhaust options verbally during the meeting from D.Crowe relative to China Unicom and Tata and C.Barber relative to KDDI. It was reported that the CDG may have additional input from CDG members on the ESN exhaust options by the next Committee TR-45 meeting scheduled for 4-5 June 2008.

This agenda item will be carried-forward to the next Committee TR-45 meeting scheduled for 4-5 June 2008. It was reported by the ESN Administrator that ESN codes will not run out before the next TR-45 meeting. Plans are to solicit additional information and input to aid TR-45 in its deliberations relative to the ESN exhaust options. In order to solicit additional information and input, the CDG plans to provide an updated version of their 28 April 2008 letter to A.Kurtzman and G.Seiffert of TIA and copy-to the TR-45 EUMNAG to forward to their respective contacts including handset manufacturers and providers. The CDG plans to provide the revised letter by 9 May 2008.

Committee TR-45 plans to make a decision on the ESN exhaust options at its next meeting scheduled for 4-5 June 2008. The EUMAG plans to draft proposed updates to the Electronic Serial Number Manufacturer's Code Assignment Guidelines and Procedures to reflect the changes required if Option A were supported.

Document .10, TIA correspondence regarding Cellular ESN Exhaust and Migration to MEIDs was presented by A.Kurtzman. Document .10 was provided for information and remanded to the TR-45 Subcommittees and Ad-Hoc Groups for information.

b. Preparations for GSC-13

The Chair provided a brief verbal list of the High Interest Subject (HIS) topics for the upcoming GSC-13 meeting scheduled for 14-17 July 2008 in Boston, MA. The Chair will forward to the TR-45 Subcommittee and Ad-Hoc Group Chairs the list of HIS topics for consideration in the preparation of input to the upcoming GSC-13 meeting.

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

1. The Chair will forward the correspondence in TR45/08.03.05.10Cr2 to Qualcomm and copy-to P.Bogard of TIA.
2. The AHAG Chair will submit PN-3-0237-RV1 in TR45/08.03.05.10D to TIA with the authorization for publication.
3. The Chair will forward the correspondence in TR45/08.03.05.10Er2 to Qualcomm and copy-to P.Bogard of TIA.
4. The AHAG Chair will submit PN-3-0237-RV1 in TR45/08.03.05.10F to TIA with the authorization for publication.
5. Plans are to report on the SG-2 disposition of Document .05 and address follow-up actions needed (if any) at the next Committee TR-45 meeting scheduled for 4-5 June 2008.
6. The Chair will contact P.Bogard of TIA to find out the status of the document publication check-list.
7. The agenda item on TIA response to 3GPP2 regarding legal review letter will be carried-forward to both the next TR-45 Chairs meeting as well as the next Committee TR-45 meeting scheduled for 4-5 June 2008.
8. After TR-45 discussion in June 2008 that will take into consideration any comments provided by 3GPP2 on the correspondence in Document .04, the Chair will provide the document publication check-list (as amended, if necessary based on the discussion) to 3GPP2.
9. The CDG plans to provide an updated version of their 28 April 2008 letter to A.Kurtzman and G.Seiffert of TIA and copy-to the TR-45 EUMNAG to forward to their respective contacts including handset manufacturers and providers. The CDG plans to provide the revised letter by 9 May 2008.
10. Committee TR-45 plans to make a decision on the ESN exhaust options at its next meeting scheduled for 4-5 June 2008.
11. The EUMAG plans to draft proposed updates to the Electronic Serial Number Manufacturer's Code Assignment Guidelines and Procedures to reflect the changes required if Option A were supported.
12. Document .10 was remanded to the TR-45 Subcommittees and Ad-Hoc Groups for information.

13. The Chair will forward to the TR-45 Subcommittee and Ad-Hoc Group Chairs the list of High Interest Subjects (HIS) for consideration in the preparation of input to the upcoming GSC-13 meeting.
14. TIA will provide the Committee TR-45 June 2008 meeting hotel information by the end-of-week, 9 May 2008.

10. Review meeting schedule,

- a. **June 4-5, 2008, Chicago, Illinois** – The next TR-45 will most likely be held at the Embassy Suites Hotel downtown Chicago. The meeting notice should be provided soon. TIA will provide the Committee TR-45 June 2008 meeting hotel information by the end-of-week, 9 May 2008.

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 4:05 PM EDT 6 May 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: 630-713-1921
Date: Tuesday, May 6, 2008
Time: Convene from 2:00 P.M. – 4:00 P.M. Eastern Time
Location: Teleconference
Telephone No.: 1-800-256-8682
Conference Code: 861755

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 (TR45/08.05.06.01r2)
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. Recommendation for Publication of PN-3-0237-RV1: *Security Mechanisms Using GBA* (TR45/08.03.05.10D), (TR45/08.03.05.10Cr2)
 - b. Recommendation for Publication of PN-3-0238-RV1: *Generic Bootstrapping Architecture (GBA) Framework* (TR45/08.03.05.10F), (TR45/08.03.05.10Er2)
 - c. Update on CMAS (FCC Report & Order, Liaison to ITU-T SG2 regarding Cell Broadcast Message Identifiers (TR45/08.05.06.05)
 - d. TIA response to 3GPP2 re: Legal review letter (TR45/08.05.06.04)
8. New Business
 - a. TR-45 EUMAG correspondence re: ESN Exhaust (TR45/08.05.06.02), (TR45/08.05.06.03), (TR45/08.05.06.06), (TR45/08.05.06.07), (TR45/08.05.06.08)
 - b. Preparations for GSC-13

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 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.)

Organization: TIA Engineering Committee TR-45
Mobile & Personal Communications Standards (TR-45)
Date: Tuesday, May 6, 2008
Time: Convene from 2:00 P.M. – 4:00 P.M. Eastern

AGENDA (cont'd)

- 9. Review Assignments
- 10. Review Meeting Schedule
 - a. June 4-5, 2008, Chicago, Illinois
- 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 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.)