



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-45 Meeting Report

Date: 03/05/03

Location: Fort Lauderdale, Florida

Approved: 03/26/03

T# 7089

**Telecommunications Industry Association
TR45 Committee
Mobile & Personal Communications Standards (TR45)
Report of Meeting
March 5, 2003
Renaissance Plantation Hotel, Ft. Lauderdale, FL**

Quorum List, Members Present

Member	Representative	Attendance	
		Last	Prior
1. Alps Electric	R. Miyano	X	X
2. AT&T Wireless Services	P. Musgrove	X	X
3. CommFlow Resources	G. Pellegrino	X	X
4. CDMA Development Group	S. Samra		
5. Ericsson	J. Ragsdale		
6. InterDigital Communications, Corp.	B. Kiernan		
7. Lucent Technologies, Inc.	C. Blum	X	X
8. Motorola, Inc.	C. Ishman	X	X
9. Nokia Mobile Phones	T. Brooks	X	X
10. Nortel Networks	G. Patel	X	X
11. Qualcomm	F. Quick	X	X
12. Rogers Wireless, Inc.	P. Oldfield		X
13. Sprint PCS	D. Baldwin	X	X
14. Toshiba	S. Sheldon	X	X
15. Verizon Wireless	G. Flynn	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. ArrayComm, Inc.	J. Wilson	X	
2. Cingular Wireless	<i>Vacant</i>		
3. CommWorks Corporation	<i>Vacant</i>		X
4. Federal Bureau of Investigation (CIS)	D. Dohrmann		X
5. Fujitsu	S. Takenaka		
6. NEC America, Inc.	S. Jones	X	X
7. Telcordia Technologies	M. Guza		X
8. Tantivy Communications	<i>Vacant</i>		

Others Present

Member	Representative
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1. Alltel	D. Gentzler
2. ATIS	E. Hall
3. Cisco	P. Yegani
4. CTIA	R. Kemper
5. LinkAir	E. Jacks
6. Lucent Technologies, Inc.	J. Alphonse
7. Lucent Technologies, Inc.	J. Brownley
8. Lucent Technologies, Inc.	F. O'Brien
9. Lucent Technologies, Inc.	P. Nurse
10. T-Mobile	J. Nixon
11. TIA	S. Hoyler

[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 TR45 Committee was convened on March 5, 2003, at the Renaissance Plantation Hotel, Ft. Lauderdale, FL, at 08:15 AM local time.
 - C.Blum/Chair TR45 called the meeting to order and welcomed the TR45 membership to warm and sunny Ft Lauderdale, FL. The Chair indicated that the TR-45 meeting would be completed in a single day.
- 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 Policy, the Chair duly informed the meeting attendees. There were no comments from the meeting attendees.
- Relative to contributions, the following documents were numbered and assigned accordingly.

Number	Title	Source	Agenda Item
TR45/03.03.05.01R1	Meeting Agenda	C. J. Blum Chair TR45	3
TR45/03.03.05.02	TR-45 Meeting Report of December 4, 2002	J. Brownley Secretary	6
TR45/03.03.05.03	TR-45 Committee Correspondence	J. Brownley Secretary	7
TR45/03.03.05.04	Report of TIA Subcommittee TR45.1 to TIA Committee TR45	J. Kay Chair TR45.1	9a, 14b
TR45/03.03.05.05	Subcommittee TR45.2 Report	C.Ishman Chair TR45.2	9b, 10d, 11b, 14b
TR45/03.03.05.06	Report of TR45.3 to TR45	P. Nurse Chair TR45.3	9c, 14b
TR45/03.03.05.07	Engineering Subcommittee TR45.4 Report to TR45	D.Baldwin Chair TR45.4	9d, 14c
TR45/03.03.05.08	TR45.5 Report	J. Alphonse Chair TR45.5	9e, 14b
TR45/03.03.05.09	TR45.6 Report to TR45	P.Yegani Chair TR45.6	9f, 14b
TR45/03.03.05.10	AHAG Report	C. Carroll Chair AHAG	9g

TR45/03.03.05.11	AHG on UIM/ESN Report	C. Carroll Chair AHG on UIM/ESN	9i, 11b
TR45/03.03.05.12	ESN Administrator's Report	B.Belt ESN Administrator	9i
TR45/03.03.05.13	AHG on LAES Report	T.Brooks Chair AHG on LAES	9j
TR45/03.03.05.14	<i>[No Contribution]</i>	-	-
TR45/03.03.05.15	CTIA Liaison Report	CTIA Liaison R. Kemper	12a
TR45/03.03.05.16	ITU-T Liaison Report	D.Thompson ITU-T Liaison	12b
TR45/03.03.05.17	Derivation of pseudo-ESN	P. Nurse Chair TR45.3	10a
TR45/03.03.05.18	CITEL Liaison Report	G. Gardner CITEL Liaison	12d
TR45/03.03.05.19	3GPP2 Liaison Report	S.Dennett 3GPP2 Liaison	12h
TR45/03.03.05.20R1	Cellular TDD in TIA	E. Jacks LinkAir	11c
TR45/03.03.05.21	ATIS Liaison Report	E.Hall ATIS Liaison	12j
TR45/03.03.05.22	WCD Report	B.Belt TIA WCD Liaison	12e
TR45/03.03.05.23	WCD TRIC Report	B.Belt TIA WCD Liaison	12f
TR45/03.03.05.24	TIA Standards Department Report	S. Hoyler TIA Liaison	12g
TR45/03.03.05.25	TR45 Committee 2003 Meeting Schedule	J.Brownley Secretary	14a
TR45/03.03.05.26	AHG on LAES Scope and Charter	T. Brooks Chair AHG on LAES	9j
TR45/03.03.05.27	TR45 Committee Correspondence Re: Status Report of T1S1 LAES Ad Hoc Group Effort and Request for Action on ASN.1	J.Brownley Secretary	9j
TR45/03.03.05.28	TR45 Committee Correspondence Re: 3GPP Alignment of ANSI SIP interworking with ITU SIP interworking	J.Brownley Secretary	9f
TR45/03.03.05.29	TR45 Committee Correspondence Re: J-STD-036-A-1 Ballot Resolution	J.Brownley Secretary	9b
TR45/03.03.05.30	TR45 Committee Correspondence Re: Document Transfer from TR46 to TR45	J.Brownley Secretary	10g
TR45/03.03.05.31	TR45 Committee Correspondence Re: ATIS Security Summit	J.Brownley Secretary	10e
TR45/03.03.05.32	AHAG PN-3-0095	F.Quick Vice-Chair AHAG	9g, 11a
TR45/02.06.05.17	TR45 Committee Correspondence Re: Equipment Identifiers JEM	J.Brownley Secretary	10b
TR45/02.09.04.22R1	TSB-39-A Ballot Version	S.Jones Editor	10c

TR45/02.12.04.35	TR45 Committee Correspondence Re: Former TR46 Documents	J.Brownley Secretary	10g
TR45/02.12.04.34	TR45 Committee Correspondence Re: ITU-T Recommendation Q.1742.2	J.Brownley Secretary	10d
TR45/02.06.05.37	TR45 Committee Correspondence Re: Draft recommendation “ANSI-41 evolved Core Network with cdma2000 Access Network”	J.Brownley Secretary	10d
TR45/02.09.04.10	AHAG Report	C. Carroll Chair AHAG	10d
TR45/02.09.04.24	TR45 Committee Correspondence Re: Recommendation for ESN Replacement	J.Brownley Secretary	10d

6. The meeting report of December 4, 2002 numbered TR45/03.03.05.02 was reviewed. A motion was made and passed with no objections to approve the meeting report with the following modification to forward to TIA legal counsel for a re-review.
 - Indicated that CommFlow Resources was present at the “Prior” meeting in page 1, Quorum List, Members Present.
7. In terms of correspondence, the following item was addressed:
 - **Document .03** - This correspondence was provided for information.
8. **Committee TR45 Chair Election**
 There was one nomination, contained in Document .03, submitted prior to the meeting for the Committee TR45 Chair. There were no additional nominations from the floor at the meeting. Cheryl Blum, of Lucent Technologies, was re-elected Committee TR45 Chair by acclamation.
9. The following Subcommittee and Ad-Hoc Group reports were provided:
 - a. **TR45.1 Subcommittee** – On behalf of J.Kay, C.Ishman presented Document .04 as the written report. It was noted that TIA/EIA/TSB-121-RV1 was forwarded to TIA for publication in January 2003. A question was raised about the appropriateness of the –RV1 revision nomenclature.
 - b. **TR45.2 Subcommittee** – C.Ishman provided Document .05 as the written report. It was re-iterated that TR45.2 plans to hold two meetings independent of 3GPP2 TSG-X in 2003. The TR45.2 proposed response to the ITU-T Q.1742.2 *IMT-2000 References to ANSI-41 evolved Core Network with cdma2000 Access Network* was provided in attachments .05a and .05b. Plans to provide a consolidated TR45 response to the ITU-T SSG were postponed for discussion under agenda item 10d. Document .29 was provided for information.
 - c. **TR45.3 Subcommittee** – P.Nurse provided Document .06 as the written report. TR45.3 identified parts for Revision E of TIA/EIA-136. It was reported that in response to a Liaison from GSMNA, TR-45.3 created an Ad-Hoc on EDGE Globalization, TR-45.3.AHEG, to facilitate joint work with T1P1. It was noted that the TDMA-SC update package would be submitted jointly by TIA and T1 directly into the next meeting of ITU-R WP 8F, 2003-03-26. Regarding the derivation of a pseudo-ESN from a MEID, TR45.3 indicated that it was still awaiting input from TR45.5. Further discussion on a pseudo-ESN from a MEID was deferred until the TR45.5 report under agenda item 9e.

The Committee recessed for a break at 10:30 AM and reconvened at 10:50 AM.

- d. **TR45.4 Subcommittee** – D.Baldwin provided Document .07 as the written report. TR45.4 responses to TR45 remanded items were provided in attachment .07a. The second bullet item in attachment .07a was remanded to the NAG to take into consideration. Attachment .07a relative to the third bullet was remanded to the Program Manager for inclusion in the TR45 work plan. Concerns were raised regarding the significant number of ballot comments for resolution by TR45.4 in the 3Q2003. It was suggested that perhaps dividing the standards into multiple parts would alleviate the concerns.
- e. **TR45.5 Subcommittee** – J.Alphonse provided Document .08 as the written report. TR45.5 requested an additional meeting cycle to address the derivation of a pseudo-ESN from a MEID to ensure no adverse impacts to backward compatibility. It was agreed that unless TR45.5 or TR45.2 provided counter-proposals than the TR45.3 proposal, as endorsed by AHAG, would be adopted by Committee TR45 at the next TR45 meeting in June 2003. The text in Document .08 relative to MEID was remanded to the AHAG, UIM/ESN Ad-Hoc, and TR45.2 to review and provide comments back to TR45.5 before the April 2003 TR45.5 meeting. Regarding counter-proposals, if any, would be provided to TR45.3 before the end-of-April 2003. In addition, actions required of TR45 relative to any counter-proposals would be expedited for resolution. It was suggested that a joint meeting of the AHAG and UIM/ESN Ad-Hoc be held to expedite the review of any proposals. TR45.5 indicated its plans to forward to ITU-R WP8F an updated roadmap of cdma2000 Revision D for the ITU-R M.1457 RSPC.
- f. **TR45.6 Subcommittee** – Elected by TR45.6 at its February 2003 meeting, Parviz Yegani of Cisco was introduced and confirmed as the new TR45.6 Chair. P.Yegani provided Document .09 as the written report. Document .28 was provided for information.
- g. **Ad Hoc Authentication Group (AHAG)** – On behalf of C.Carroll, F.Quick presented Document .10 as the written report. The ballot version of the Enhanced Cryptographic Algorithms (ECA), Document .32 was provided. TR45 approved PN-3-0095 (to be published as TIA-946) for a 30-day TIA ballot. It was noted that the approved version of PN-3-0095 was available in the TR45AHAG/public folder on the TIA ftpsite.
- h. **AHG on Electronic Media Documentation** – There was no report.
- i. **AHG on UIM/ESN** – On behalf of C.Carroll, G.Pelligrino presented Document .11 as the written report. Attachment .11bR1 was provided as the final version of the proposed Global Equipment Numbering Administration Procedures.
 - **ESN Administration** – On behalf of B.Belt, G.Pelligrino presented Document .12 as the written report. It was noted that the projected ESN exhaust date moved to 1Q06.
- j. **AHG on LAES** – T.Brooks provided Document .13 as the written report. It was reported that the LAES Ad-Hoc Group approved PN-4465-RV1 for publication as ANSI J-STD-025-A. It was reported that the post-ballot ANSI version of J-STD-025-A was available on the TIA ftpsite. There were no objections to approve for publication J-STD-025-A. TR45 to forward to TIA for publication ANSI J-STD-025-A. TIA to work with LAES to determine if the current ASN.1 can be used by CALEA or if another ASN.1 number should be obtained.

The Committee recessed for lunch at 12:30 PM and reconvened at 1:30 PM.

- j. **AHG on LAES (continued)** – Regarding Document .26, concerns were raised regarding the need for and the proposed text of the proposed LAES expanded scope and charter. It was noted that the proposed scope and charter would be presented to the joint membership of the LAES the week of March 10, 2003 for discussion and subsequently provided formally to Committee T1. TR45 directed the LAES to go forward with its work and encouraged discussions relative to its scope and charter. It was noted that TR45 understands the need for technical solutions to address the needs of law enforcement et al. TR45 noted that it looks forward to a recommendation from the LAES regarding its work and scope at the next TR45 meeting in June 2003. Document .27 was provided for information.

- k. **TR45 Standards development Program Report** – There was no report. Nevertheless, it was noted that the reports to TR45 from the Subcommittees provided updates intended for the Program Report. These relevant Subcommittee reports were remanded to the Program Manager to incorporate into the Program Report.
- l. **Network Reference Model Ad-Hoc Group (NAG)** – C.Ishman was appointed and agreed to serve in the role of the new Chair of the NAG. It was noted that TR45 had made a request to obtain a copy of the 3GPP2 NAM. It was agreed that the TR45.NAG would undertake the requested SDO review of the 3GPP2 NAM. It was noted that a new PN would be needed to go forward for a ballot of the NAM. It was noted that the NAM pertains to cdma only. The NAG is to convene a meeting in March 2003. It was suggested that the meeting notice be distributed to the entire TR45 membership, not just the TR45 Plenary. There were no objections to the NAG moving forward with a ballot of the NAM as a TSB. It was suggested that the proposed TSB be separate from but not a replacement for TSB-100.
10. Regarding the continuation of old business, the following items were addressed:
- Pseudo-ESN Derivation** – Discussion and actions related to the derivation of a pseudo-ESN from a MEID were covered under agenda item 9e. In addition, Document .17 (instead of Document TR45/02.12.04.31) was remanded to TR45.2 to review and comment at the next TR45 meeting in June 2003.
 - MEID Administration Role** - Document TR45/02.06.05.17 was provided for information. Also provided was the recently updated attachment .11bR1 associated with the overall Global Decimal Administrator (GDA) and Global Hexadecimal Administrator (GHA). The question was raised whether 3GPP2 must endorse TIA as GHA which still needs to be decided and by whom.
 - Ballot of TSB-39-A** – Document TR45/02.09.04.22R1 was provided for information. TR45 submitted an application for a 30-day ballot of TSB-39-A. The ballots comments of TSB-39-A are to be addressed at the next TR45 meeting in June 2003.
 - Draft ITU-T Recommendation Q.1742.1** – TR45 to forward attachment .05b, input from TR45.2, to the ITU-T Q.1742.2 Editor. The AHAG indicated that it might have input. TR45.4 indicated that it had no input. Documents TR45/02.12.04.34, TR45/02.06.05.37, TR45/02.09.04.24, and TR45/02.09.04.10 were provided for information.
 - ATIS Security Summit February 4-5, 2003** - It was noted that TR45 participated and provided presentations at the ATIS Security Summit. Document .31 contains the TIA and TR45 presentations. It was noted that Tables A and A1 in attachment .31a, the SDO Matrix, were not populated. TR45 to investigate securing a populated version of the SDO Matrix tables. Further discussion of the Summit was deferred until the ATIS Liaison Report under agenda item 12j.
 - TR45 Leadership Elections in 2003** – Subcommittees TR45.1, TR45.3, and TR45.5 were directed to conduct elections in 2003 per the TIA Engineering Manual for the relevant Chair and Vice-Chair positions listed in the table below. All were encouraged to be mindful of the 30-day notice requirement.

Group	Position	Date
Committee TR45	Vice-Chair	09-2003
Subcommittee TR45.1	Chair	10-2003
Subcommittee TR45.3	Chair	08-2003
Subcommittee TR45.3	Vice-Chair	08-2003
Subcommittee TR45.5	Chair	08-2003
Subcommittee TR45.5	Vice-Chair	XX-2003

- g. **Transfer of Documents from TR46 to TR45** – Based on Document .30, there is only one document for potential transfer from TR46 for TR45. Since it is a joint document with T1P1, TR45 to contact T1P1 with respect to T1P1's intentions to withdraw the document. Document TR45/02.12.04.35 was provided for information.

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

- a. **ECA Ballot Approval** – Document .32 was provided for information. ECA ballot approval was discussed previously under agenda item 9g.
- b. **3GPP2 TSG Realignment Impact** – Document .05, as it related to 3GPP2 TSG-X restructuring, was provided for information. It was noted that TR45.2 recommended that the TR45 Subcommittee structure should not be impacted at this time (keeping open the opportunity to review the subcommittee structure at a future time).

The Committee recessed for a break at 3:15 PM and reconvened at 3:45 PM.

- c. **Cellular TDD in TIA** – LinkAir provided Document .20R1. It was noted that LinkAir seeks to introduce cellular TDD-based technology for standardization via a TIA TR45 Ad-Hoc Group. It was noted that member company support was needed to form an Ad-Hoc Group. Linkair was encouraged to attend the next TR45 meeting in June 2003 and identify a community of demonstrated interest among the TIA membership. LinkAir was asked to be more specific relative to how the proposed technology was relevant to TR45 in general, and cdma2000, specifically. It was agreed to carry forward Document .20R1 to the next TR45 meeting in June 2003.

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

- a. **CTIA** – R.Kemper provided Document .15 as the written report. CTIA reported on three wireless security items that may interest members of TR45.
- b. **ITU-T** – On behalf of D.Thompson, C.Blum presented Document .16 as the written report for information. All were encouraged to contact D.Thompson or TIA Staff if there are any questions or comments.
- c. **ITU-R** – There was no report. It was noted that both TR45.3 and TR45.5 would provide updates to the upcoming ITU-R WP8F meeting in March 2003.
- d. **CITEL, CCT** – On behalf of G.Gardner, J.Ragsdale presented the written report in Document .18 for information.
- e. **Wireless Communications Division (WCD)** – On behalf of B.Belt, S.Hoyler presented Document .22 as the written report. It was noted that the next WCD meeting was scheduled for Thursday, June 5, 2003 in Atlanta, GA following the Committee TR45 meeting. All were encouraged to contact B.Belt or TIA Staff if there are any questions or comments.
- f. **Technical Regulatory Issues Committee (TRIC)** – On behalf of B.Belt, S.Hoyler presented Document .23 as the written report. All were encouraged to contact B.Belt or TIA Staff if there are any questions or comments.
- g. **TIA** – S.Hoyler provided Document .24 as the written report with attachments a through c of supporting information.

- Document .24 was provided for information. Attention was drawn to several items including trademarks and IPR. It was noted that Cdma2000 ® is now a registered trademark of TIA. And, it was re-iterated that Cheryl Blum and Jane Brownley would be attending and submitting contributions on behalf of TR-45 at the next scheduled meeting of GSC/RAST April 28-May 1, 2003 in Ottawa, Canada.
- Document .24c was provided relative to the priorities of TIA. TR45 was requested to complete the attached survey.
- Document .24a was provided for information. It was noted that TIA has taken an active role in Homeland Security standards initiatives and welcomes support. Concerns were raised relative to slide 8, *UWC-136 Standards Concerns*. Specifically AT&T Wireless Systems, Ericsson, and Rogers Wireless took issue with the content of slide 8. The concerned parties were encouraged to address their concerns directly with Dan Bart of TIA. In addition, C.Blum and S.Hoyler indicated their plans to contact D.Bart immediately following the adjournment of the TR45 meeting. Verizon questioned the TR45.3 Chair as to whether Subcommittee TR45.3 approved GSM/GPRS as meeting the IMT-2000 requirements. In response, it was noted that TR45.3 approved it. In addition, it was suggested that GSM/GPRS is not being presented as a 3G System. It was noted that Alltel has concerns similar to Verizon that the incorporation of GSM/GPRS in the TDMA-SC update package could be misinterpreted as a 3G System.
- Document .24b was provided for information.

- h. **3GPP2** – Document .19 was provided as the written report by G.Flynn.
- i. **3GPP** – P.Musgrove provided a brief verbal report. It was reported that Release 5 was approved, that a close relationship with OMA was beneficial, and that Digital Rights Management (DRM) consolidation was desirable.
- j. **ATIS** – E.Hall provided Document .21 as the written report. Regarding the ATIS Security Summit, it was reported that the Summit concluded with the common theme of an holistic approach to common security standards. For the record, it was noted that ATIS took issue with the content of slide 12 in Document .24a, relative to *Duplication of Work*.

13. In review of assignments,

1. Regarding pseudo-ESN derivation from MEID, Document .17 (instead of Document TR45/02.12.04.31) was remanded to TR45.2 to review and provide comments at the next TR45 meeting in June 2003.
2. The second bullet in attachment .07a was remanded to the NAG to take into consideration. Attachment .07a relative to the third bullet was remanded to the Program Manager for inclusion in the work plan.
3. Document .08 relative to the MEID discussion was remanded the AHAG, UIM/ESN Ad-Hoc, and TR45.2 to review and provide comments back to TR45.5 before the April 2003 meeting of TR45.5. Any counter proposals were to be provided to TR45.3 before the end-of-April 2003.
4. It was approved for TR45 to go forward with a 30-day TIA ballot of PN-3-0095. The ballot version of ECA was available on the TIA AHAG ftp website for review.
5. TR45 to forward to TIA for publication ANSI J-STD-025-A.
6. TR45 looks forward to a recommendation from the LAES regarding its work and scope at the next TR45 meeting in June 2003.
7. The relevant Subcommittee reports were remanded to the Program Manager to incorporate into the TR45 Program Report work plan.

8. The NAG to convene a meeting in March 2003. The meeting notice to go to the entire TR45 membership, not just the TR45 Plenary. There were no objections to the NAG moving forward with a ballot of the 3GPP2 NAM as a TSB.
9. TR45 to forward attachment .05b to the editor of the ITU-T SSG Q.1742.2.
10. TR45 to investigate obtaining a populated version of the SDO Matrix tables from the ATIS Security Summit.
11. Subcommittees TR45.1, TR45.3, and TR45.5 were directed to conduct elections in 2003 per the TIA Engineering Manual for the relevant Chair and Vice-Chair positions.
12. Committee TR45 to conduct elections for TR45 Vice-Chair at it meeting in September 2003.
13. TR45 to contact T1P1 with respect to T1P1's intentions to withdraw the standard TSB-68 (published June, 1995) - PCN to PCN Intersystem Operations - IS-41 Based.
14. Regarding the content of slide 8 in attachment .24a, the concerned parties were encouraged to address their concerns directly with Dan Bart of TIA. In addition, C.Blum and S.Hoyler indicated their plans to contact D.Bart immediately following the adjournment of the TR45 meeting.
15. TIA to work with LAES to determine if the current ASN.1 can be used by CALEA or if another ASN.1 number should be obtained.

14. Review Meeting Schedules

- a. **TR45 2003 Schedule** – Document .25 was provided for information. All were encouraged to make meeting hotel reservations prior to the cut-off date. It was noted that there continues to be a problem meeting the contracted sleeping room block for TR45 meetings. It was noted that the next TR45 meeting in Atlanta would be a single day meeting on Thursday, June 5, 2003.
- b. **Subcommittees and AHG 2003 Schedules** - Documents .04, .05, .06, .07, .08, and .09 were provided for information. The TR45.3 conference call meeting scheduled for March 14, 2003 was cancelled.

15. Open Discussion

There was no discussion.

16. Having concluded the meeting's deliberations, a motion was made to adjourn. The meeting was conducted in accordance with the TIA Engineering Manual and was adjourned at approximately 5:45 PM local time Marc 5, 2003.

Cheryl J. Blum
Chair
Engineering Committee TR45

Jane C. Brownley
Secretary
Engineering Committee TR45

Organization: ANSI Accredited Engineering Committee TR45
Mobile & Personal Communications Standards (TR45)
Chair: Cheryl J. Blum
Lucent Technologies, Bell Labs
630-713-1449, Fax: 630-713-1921
Date: Wednesday, March 5, 2003 through Thursday, March 6, 2003
Time: Convene at 9:00 AM Local Time
Adjournment at approximately 6:00 PM Local Time
Location: Renaissance Fort Lauderdale Plantation Hotel
1230 South Pine Island Road
Plantation, FL 33324
Telephone: (954) 472-2252
FAX: (954) 472-2295
Rate: \$139.00
Cut-off: February 17, 2003
EDC Cut-off: February 26, 2003 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>

PROPOSED 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
2. Attendance Registration & Roll Call
3. Agenda Review & Approval (*TR45/03.03.05.01*)
4. Early Disclosure Policy (see the revised Note 3 below).
5. Introduction of Contributions & Numbering (Please see Note 2 below.)
6. Review of Meeting Report from Previous Meetings, Secretary (*TR45/03.03.05.02*)
7. Correspondence (*TR45/03.03.05.03*)
8. Committee TR45 Chair Election
 - Review Candidates & Conduct Election for Recommendation to Technical Committee
9. Reports
 - a. TR45.1 Subcommittee, J.Kay (*TR45/03.03.05.04*)
 - b. TR45.2 Subcommittee, C.Ishman (*TR45/03.03.05.05*), (*TR45/03.03.05.29*)
 - c. TR45.3 Subcommittee, P.Nurse (*TR45/03.03.05.06*)
 - d. TR45.4 Subcommittee, D.Baldwin (*TR45/03.03.05.07*)
 - e. TR45.5 Subcommittee, J.Alphonse (*TR45/03.03.05.08*)
 - f. TR45.6 Subcommittee, P.Yegani (*TR45/03.03.05.09*), (*TR45/03.03.05.28*)
 - g. Ad Hoc on Authentication Group (AHAG), C. Carroll (*TR45/03.03.05.10*), (*TR45/03.03.05.32*)
 - h. AHG on Electronic Media Documentation, S.Hoyler
 - i. AHG on UIM/ESN, C.Carroll (*TR45/03.03.05.11*)
 - ESN Administrator Report, B.Belt (*TR45/03.03.05.12*)

Note 1: Recesses may occur at any point in the agenda, when necessary, for breaks, meals, and recessing for the day.

Note 2: Contributions uploaded to the TIA ftp site by the cut-off date will not be distributed via paper copy at the meeting.

Contributions not uploaded prior to the cut-off date must be provided in paper copy at 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@tia.eia.org

Organization: ANSI Accredited Engineering Committee TR45
Mobile & Personal Communications Standards (TR45)
Date: Wednesday, March 5 through Thursday, March 6, 2003
Time: Convene at 9:00 AM Local Time
Adjournment at approximately 6:00 PM Local Time

AGENDA (cont'd)

- j. AHG on LAES, T.Brooks (*TR45/03.03.05.13*), (*TR45/03.03.05.26*), (*TR45/03.03.05.27*)
- k. TR-45 Standards Development Program Report, S.Jones
- l. AHG on NRM (NAG)
- 10. Old Business
 - a. pseudo-ESN Derivation (*TR45/03.03.05.17*)
 - b. MEID Administration Role (*TR45/02.06.05.17*)
 - c. Ballot Resolution of TSB-39-A (*TR45/02.09.04.22R1*)
 - d. Draft ITU-T Recommendation Q.1742.1 (*TR45/02.12.04.34*), (*TR45/02.06.05.37*), (*TR45/02.09.04.24*), (*TR45/02.09.04.10*), (*TR45/03.03.05.05*)
 - e. ATIS Security Summit February 4-5, 2003 (*TR45/03.03.05.31*)
 - f. TR45 Leadership Elections in 2003
 - g. Transfer of documents from TR46 to TR45 (*TR45/02.12.04.35*), (*TR45/03.03.05.30*)
- 11. New Business
 - a. ECA Ballot Approval (*TR45/03.03.05.32*)
 - b. 3GPP2 TSG Realignment Impact (*TR45/03.03.05.05*)
 - c. Cellular TDD in TIA (*TR45/03.03.05.20R1*)
- 12. Liaison Reports
 - a. CTIA, K.Condello (*TR45/03.03.05.15*)
 - b. ITU-T, D.Thompson (*TR45/03.03.05.16*)
 - c. ITU-R, M.Epstein
 - d. CITEL, G.Gardner (*TR45/03.03.05.18*)
 - e. Wireless Communication Division (WCD), B.Belt (*TR45/03.03.05.22*)
 - f. WCD Technical Regulatory Issues Committee (TRIC), B.Belt (*TR45/03.03.05.23*)
 - g. TIA, S.Hoyler (*TR45/03.03.05.24*)
 - h. 3GPP2, S.Dennett (*TR45/03.03.05.19*)
 - i. 3GPP, P.Musgrove (*TR45/03.03.05.20*)
 - j. ATIS, E.Hall (*TR45/03.03.05.21*)
- 13. Review Assignments
- 14. Review Meeting Schedules
 - a. TR45 2003 Schedule (*TR45/03.03.05.25*)
 - Jun 5 Atlanta, GA
 - Sep 3-4 Vancouver, BC, Canada
 - Dec 3-4 San Antonio, TX
 - b. Subcommittee and AHGs 2003 Schedules (*TR45/03.03.05.04*), (*TR45/03.03.05.05*), (*TR45/03.03.05.06*), (*TR45/03.03.05.07*), (*TR45/03.03.05.08*), (*TR45/03.03.05.09*)
- 15. Open Discussion
- 16. Adjournment