Approved by General Counsel

TR-45 Meeting Report
Date: 09/1-2/02
Location: Arlington, VA

Approved: 10/08/04
T# 8349

Telecommunications Industry Association
TR-45 Committee
Mobile & Personal Communications Standards (TR-45)
Report of Meeting
September 1-2, 2004
TIA Headquarters, Arlington, VA

Quorum List, Members Present

Member	Representative	Attendance	
		Last	Prior
1. AT&T Wireless Services	P. Musgrove	X	X
2. Axalto, a Schlumberger Company	J. Cung	X	X
3. CDMA Development Group	S. Samra	X	X
4. CommFlow Resources	G. Pellegrino	X	X
5. Ericsson	J. Ragsdale	X	X
6. FBI (CIU)	G. Milonovich	X	X
7. LG Infocomm U.S.A., Inc	K. Kim	X	X
8. Lucent Technologies, Inc.	C. Blum	X	X
9. Motorola, Inc.	B. Bonner	X	X
10. Nextel Communications	B. Levitan	X	X
11. Nokia Mobile Phones	W. Tamminen	X	X
12. Nortel Networks	G. Patel	X	X
13. QualComm	F. Quick	X	X
14. Rogers Wireless, Inc.	P. Oldfield	X	X
15. Sprint	G.Turnipseed	X	X
16. Toshiba	J. Madrid	X	X
17. 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. Alltel	D. Gentzler	X	X
2. Cisco Systems	P. Yegani	X	
3. InterDigital Communications, Corp.	B. Kiernan		X

Others Present

Member	Representative
1. ATIS	E. Hall
2. eAccess Ltd.	T. Morohashi
3. eAccess Ltd.	Y. Obata
4. Ericsson	P. Truong
5. LG InfoComm	C. Kyung
6. Lucent Technologies, Inc.	J. Alphonse
7. Lucent Technologies, Inc.	J. Brownley
8. Lucent Technologies, Inc.	P. Nurse

9. Lucent Technologies, Inc.	F. O'Brien
10. George Washington University	T. Hemphill
11. Navini Networks	D. Maez
12. Nokia, Inc.	E. Ehrlich
13. Qualcomm	M. Epstein
14. Qualcomm	D. Crowe
15. TIA	D. Bart
16. TIA	S. Hoyler
17. TIA	D. Khlopin
18. Tridea Works (on behalf of CIU/ESTS)	K. Coon
19. Tridea Works (on behalf of CIU/ESTS)	J. Trakinat
20. T-Mobile USA	G. Jones
21. Tridea Works, LLC	H.Hodor
22. TR-45 LAES Chair (representing Steptoe and Johnson)	T. Brooks

[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 September 1, 2004, at TIA Headquarters, Arlington, VA, at 1:15 PM local time.
   - C.Blum/Chair TR-45 called the meeting to order and welcomed the TR-45 membership to Arlington, VA.

2. Meeting attendance was recorded as indicated by the above list and quorum was established.

3. The attached meeting agenda was reviewed and approved as amended.

4. Regarding the Early Disclosure Policy, the Chair duly informed the meeting attendees. There were no comments from the meeting attendees.

5. Relative to contributions, the following documents were numbered and assigned accordingly.

Number	Title	Source	Agenda Item
TR45/04 .09.01.00R1	Contribution Assignment List	J.Brownley Secretary	5
TR45/04 .09.01.01R1	Meeting Agenda	C.Blum Chair TR45	3
TR45/04 .09.01.02	TR-45 Meeting Report of June 2-3, 2004	J. Brownley Secretary	6
TR45/04 .09.01.03	Committee Correspondence	J. Brownley Secretary	7
TR45/04 .09.01.04	TR-45 NGN Ad-Hoc Group Report	G.Patel AHG Convener	9g
TR45/04 .09.01.05	Subcommittee TR-45.2 Report	D. Crowe Chair TR-45.2	8b, 13b
TR45/04 .09.01.06/a	Report of TR-45.3 to TR-45	P. Musgrove Chair TR-45.3	8c, 13b
TR45/04 .09.01.07	TR-45.4 Report	G. Turnipseed Chair TR-45.4	8d, 13b
TR45/04 .09.01.08	TR-45.5 Report	J. Alphonse Chair TR-45.5	8e, 13b
TR45/04 .09.01.09	TR-45.6 Report to TR-45	P.Yegani Chair TR-45.6	8f, 13b

TR45/04 .09.01.10/a	AHAG Report	F. Quick Chair AHAG	8g
TR45/04 .09.01.11/a/b/b1/c/R2	AHG on UIM/ESN Report	G. Pellegrino, Chair AHG on UIM/ESN/MEID	8i
TR45/04 .09.01.12	ESN Administrator's Report	*B.Belt* ESN Administrator	8i
TR45/04 .09.01.13/a/b/c/R1	AHG on LAES Report	T.Brooks Chair AHG on LAES	8j
TR45/04 .09.01.14	AHG on Electronic Media Documentation (AHEM) Report	P. Nurse Chair AHEM	8h
TR45/04 .09.01.15	TR-45 Standards Program Report	J. Alphonse TR-45 Program Mgr	8l
TR45/04 .09.01.16	ITU-R Liaison Report	M.Epstein ITU-R Liaison	11c
TR45/04 .09.01.17	ITU-T Liaison Report	D.Thompson ITU-T Liaison	11b
TR45/04 .09.01.18	Report of TIA/CIU Meeting held on June 30, 2004	C.Blum Chair TR-45	9f
TR45/04 .09.01.19	WCD Report	B.Belt TIA WCD Liaison	11e
TR45/04 .09.01.20	WCD TRIC Report	B.Belt TIA WCD Liaison	11f
TR45/04 .09.01.21	TIA Standards Department Report	S.Hoyler TIA Liaison	11g
TR45/04 .09.01.22	< Not Provided >		
TR45/04 .09.01.23	TR-45 Committee Correspondence Re: Review and Comments on NIIF Issue #0208, JIP	J.Brownley Secretary	9c
TR45/04 .09.01.24/a	TR-45 Committee Correspondence Re: 3GPP2 Published Specifications	J.Brownley Secretary	11g
TR45/04 .09.01.25/a/R2	Broadband Data Overlay for IMT2000	D. Maez Navini Networks	10b
TR45/04 .09.01.26	TR-45 Committee Correspondence Re: Meeting Observership	J.Brownley Secretary	11g
TR45/04 .09.01.27	TR-45 Committee Correspondence Re: UIM Dependencies on ESN	J.Brownley Secretary	8i
TR45/04 .09.01.28	TR-45 Committee Correspondence Re: ITU M.1073-1 Update	J.Brownley Secretary	11c
TR45/04 .09.01.29	TR-45 Committee Correspondence Re: Default Ballot of SP-3-4465-UGR2	J.Brownley Secretary	8j
TR45/04 .09.01.30	TR-45 Committee Correspondence Re: Planned Co-Located Meeting in September 2004	J.Brownley Secretary	8j
TR45/04 .09.01.31	TR-45 2005 Meeting Calendar	J.Brownley Secretary	13c
TR45/04 .09.01.32	TR-45 Committee Correspondence Re: Checkpoints for Editors	J.Brownley Secretary	11g
TR45/04 .09.01.33	IFAST Liaison Report	D.Crowe Chair TR-45.2	10a
TR45/04 .09.01.34R1	TR-45 Committee Correspondence Re: Project MESA Brochure	J.Brownley Secretary	10c

TR45/04 .09.01.35	Implementation of the LAES Strawman Proposal	C.Blum Chair TR45	9f
TR45/04 .09.01.36	TR45 Report to TIA Technical Committee	C.Blum Chair TR45	10d
TR45/04 .09.01.37a/b/c/d/e	Project MESA Information for TR-45	J.Brownley Secretary	10c
TR45/04 .09.01.38	PN-4465-RV3 Packet Data only	B.Bonner Motorola	9f
TR45/04 .09.01.39	TIA Response to CIU on Non-Structural Aspects of the Strawman	D.Bart TIA	9f
TR45/04 .09.01.40	Proposed Re-Organization of TR-45 LAES Work Products	B.Levitan Nextel	9f
TR45/04.06.02.26R1	TR-45 Committee Correspondence Re: NIIF JIP Issues	J.Brownley Secretary	9c
TR45/04.06.02.30	TR-45 Committee Correspondence Re: ITU-T SSG Q.1742.2 Publication Status	J.Brownley Secretary	9h
TR45/04.03.03.26	TR45 Committee Correspondence Re: Populating the JIP	J.Brownley Secretary	9c
TR45/04.06.02.39a	TR45 Committee Correspondence Re: CIU	J.Brownley Secretary	9f

6. The meeting report of June 2-3, 2004 numbered TR45/04.09.01.02 was reviewed. A motion was made and passed with no objections to approve the meeting report with the following modification.

    Remove: Rogers Wireless, Inc. / P.Oldfield from the Quorum List, Members Absent
    Add: Rogers Wireless, Inc. / P.Oldfield to the Quorum List, Members Present

    Note, there was no signature for P.Oldfield of Rogers Wireless, Inc. on the attendance roster for the June 2-3, 2004 meeting in Chicago, IL.

7. In terms of correspondence, the following item was addressed:

    -   **Documents .03** - The correspondence was provided for information.

8. The following Subcommittee and Ad-Hoc Group reports were provided:

    a. **TR-45.1 Subcommittee** – TR-45.1 remains dormant. There was no report.

    b. **TR-45.2 Subcommittee –** D.Crowe provided Document .05 as the written report for information. It was reported that David Crowe representing Qualcomm was elected by TR-45.2 as the new TR-45.2 Chair in July 2004. In addition, Lewis Milton representing Motorola was elected by TR-45.2 as the new TR-45.2 Vice-Chair in July 2004.

    c. **TR-45.3 Subcommittee** – P.Musgrove provided Document .06 as the written report for information. TR-45.3 expressed appreciation to S.Hoyler of TIA for the efforts taken to resolve the issue associated with the use of terms (i.e., ANS/TIA/EIA) in the titles of multi-part documents.

    d. **TR-45.4 Subcommittee** – G.Turnipseed provided Document .07 as the written report for information. It was noted that the references to V&V in Sections 1 and 3 of the written report refer to the TIA ballot process.

    e. **TR-45.5 Subcommittee** – J.Alphonse provided Document .08 as the written report. Regarding the ITU-T SSG request to TR-45 (TR45/2004.06.02.30) to provide cross-references to documents transposed from 3GPP2 specifications to TIA standards, it was agreed that TR-45 would consolidate comments to the SSG on behalf of TR-45 going forward.

f. **TR-45.6 Subcommittee** – P.Nurse, on behalf of P.Yegani, presented Document .09 as the written report for information. It was reported that TR-45.6 held leadership elections in July 2004 in Los Angeles, CA, USA. Parviz Yeganiz of Cisco was elected as Chair of TR-45.6 and Peter Nurse representing Lucent was elected as the Vice-Chair of TR-45.6.

g. **Ad Hoc Authentication Group (AHAG)** – F.Quick provided Document .10 as the written report. It was agreed without objection to approve PN-3-0178, the BCMCS Security Framework document provided in Document .10a, for a 30-day TIA ballot. F.Quick agreed to submit the ballot authorization via the TIA website to ballot PN-3-0178. In general, it was noted that references could be made to informative 3GPP2 reports in TIA standards provided that the documents are stable, publicly available, and have an IPR policy consistent with TIA. F.Quick took an action item to investigate how the two documents in Item 2 of the TR-45 Remanded Items in Document .10 would be referenced in Q.1742.4 and provide a recommended addition to the ITU-T SSG request. The TR-45 Chair agreed to provide the cross-reference information to TIA to share with the ITU-T SSG. Item 2 of the AHAG Summary in Document .10 was remanded to TR-45.2, TR-45.3, and TR-45.5 to work with the AHAG to determine whether an informative reference is desired and if so, to determine how to address the informative reference.

h. **AHG on Electronic Media Documentation (AHEM)** – P.Nurse provided Document .14 as the written report. It was noted that a web-based calendar for Committee TR-45 remains under investigation by TIA. It was agreed that wireless internet access in Committee TR-45 meeting rooms is a requirement. The TR-45 Chair agreed to send correspondence to TIA (D.Bart and M.Flanagin) to indicate that TR-45 requires wireless internet access in Committee TR-45 meeting rooms. It was also noted that the AHEM continues to pursue the use of a web-based calendar and the use of electronic sign-in.

i. **AHG on UIM/ESN/MEID** – G.Pellegrino provided Document .11R2 with attachments .11a through .11c as the written report. TR-45 approved the EUMAHG request to draft a reply letter to 3GPP2 TSG-C as outlined in Item 7 under the ESN/UIM/MEID Ad Hoc Summary in Document .11R2.
   - Document .11a, ESN Migration to MEID - milestones and timeline, was provided for information.
   - Documents .11b and .11b1, the sample MEID administrators report, was provided by the GHA MEID Administrator for information.
   - Document .11c, incoming correspondence from 3GPP2 TSG-C regarding "Assessment of Removing Future Dependence of UIM_IDs on 32-bit ESN & Utilizing a Pseudo UIM_ID Code Derived from a 56-bit MEID", was provided for information.

     • **ESN Administration** – J.Derr presented Document .12 as the written report. Document .27 was provided for information.

The Committee recessed for a break at 2:00 PM and reconvened at 2:15 PM.

j. **AHG on LAES** – On behalf of T.Brooks, G.Pellegrino provided Document .13R1 with attachments .13a, .13b, and .13c as the written report. The proposed Committee correspondence in Document .13b to TIA regarding "OID (Object Identifier) subtree "laes(2)" assignment request" was approved. Discussion of Documents .13a and .13c were deferred until agenda item 9f. Documents .29 and .30 were provided for information.

k. **TR-45 Network Architecture Group (NAG)** – There was no report. The NAG remains dormant. Nevertheless, in anticipation of the need to ballot (and transpose) the 3GPP2 NAM document into a TIA standard, it was agreed that a TR-45 Editor would be needed. Any member interested in volunteering to serve as Editor of TSB-151 was encouraged to contact the TR-45 Chair. It was agreed that reactivation of the NAG was not required. The ballot of the revision to TSB-151 would be handled at the TR-45 level.

l. **TR-45 Standards Development Program Report** – J.Alphonse provided Document .15 as the program report for information.

9. Regarding the continuation of old business, the following items were addressed:

f. **Follow-up on the correspondence to TIA from CIU dated May 28, 2004**

Document .18 presented a Strawman proposal for restructuring the work on cdma2000® packet data surveillance capabilities from the meeting held between TIA staff, TR-45 leadership, and CIU on June 30, 2004. It was reported that the incoming TR-45 correspondence found in Document TR45/04.06.02.39a was on the agenda for discussion at the meeting on June 30, 2004. The TR-45 Chair recommended the implementation steps for the Strawman proposal which were provided in Document .35. The Chair reported that the approach was reviewed by the TR-45 leadership and that the leadership supported the fundamental recommendation to restructure the LAES work in TR-45 with further decisions to work out the details. Document .39, the TIA response to CIU concerns in the Strawman other than restructuring issues, was introduced for information. Document .40, a recommendation to unbundle J-STD-025 into specific technology and service volumes, was also provided for review and discussion. Document .38 was provided for review and approval as a proposal for baseline text of a packet data-only intercept standard for PN-4465-RV3.

Associated with the documents introduced above, there was lengthy discussion on what actions to be taken by TR-45 on SP-3-4465-UGRV2-2 and the restructure of the electronic surveillance work. In principle, the re-organization of the electronic surveillance work was supported without objection by TR-45. Furthermore, there was support for TR-45 taking the lead, however, not for identifying a single specific lead group within TR-45 to be solely responsible to pull together all technical work. It was agreed that the work should be done where most subject matter experts are normally in attendance such that TR-45.2 was chartered to develop the standards relative to IMS and TR-45.6 was chartered to develop the standards relative to the cdma2000® packet data network technologies.

Document .13c recommended that TR-45 approve SP-3-4465-UGRV2-2 for a second TIA and ATIS coordinated ANS default ballot. If possible, TR-45 preferred the shortest ballot interval ANSI would allow which was a 30-day ballot if all material could appear in ANSI Standards Action. A motion was made by J. Ragsdale of Ericsson and seconded by B. Bonner of Motorola to go forward with a second default ballot of ANS J-STD-025-B (SP-3-4465-UGRV2-2), and have that ballot be a 30-day ballot if possible, otherwise a 45-day default ballot. The motion was carried with no objections. The TR-45 LAES Ad Hoc Group will conduct the ballot review sessions. ATIS will be informed of this decision reached by TR-45 with a request to closely coordinate the timing of the ballots to the extent possible. D. Bart of TIA agreed to officially notify the ATIS Secretariat of the TR-45 decision. Ed Hall, the ATIS Liaison to TR-45, also agreed to relay this information to ATIS staff.

The TR-45 LAES Ad-Hoc Group will remain in place and the ANS J-STD-025 series will be capped at Revision B for now. The future activity of the TR-45 LAES Ad-Hoc Group will be revisited at the next meeting of TR-45 in December 2004. The TR-45 LAES Ad-Hoc Group workplan and schedule will remain status quo at this time. Thus, no action was taken relative to the proposed updates to the scope and charter of the TR-45 LAES Ad-Hoc Group provided in Document .13a. Document .13a will be carried-forward for consideration at the next TR-45 meeting in December 2004.

Regarding the identification of additional electronic surveillance capabilities (*i.e*., those that may be beyond the mandates of CALEA), plans are to carry-forward this issue until the next meeting of TR-45 in December 2004. It was reported that ATIS T1P1/T1S1 had approved the TR-45 request to work on a joint standard in this area, however, given the restructuring decisions reached by TR-45, ATIS may need to revisit some of its decisions.

Regarding legal regulatory issues associated with electronic surveillance, TR-45 agreed it would look to TIA to work with other groups (such as the TIA Wireless Communications Division (WCD), TIA CALEA Working Group, CTIA, etc.) and to take action as appropriate. ATIS will be officially informed of this approach accepted by TR-45.

Regarding the issue of what constitutes "safe harbor," TR-45 will look to a higher-level TIA policy/legal group to document and list the specific capabilities and what constitutes "safe harbor" from a legal perspective and defend that safe harbor standard if challenged.

It was re-iterated that TR-45.2 and TR-45.6 would not develop specifically LAES safe harbor documents. However, they will develop standards that describe technical capabilities for electronic surveillance. Those technical capabilities may be used for Lawfully Authorized Electronic Surveillance, including compliance with CALEA. The TR-45 decision allows TIA, the Trade Association, to address the legal and regulatory issues and define what constitutes "Safe Harbor" and TR-45 encourages continued service provider involvement in that process. Moreover, the specifics of how technical work is addressed within TR-45.2 and TR-45.6 or other groups assigned in the future will be decided within the respective groups, and each group will be responsible for conducting meetings in accordance with the TIA Engineering Manual and may propose to TR-45 whether such work should be joint with another SDO.

It was noted that in addition to those present in the meeting room, joining the discussion for this agenda item via a telephone conference bridge were Ken Coon and Jean Trakinat of Tridea Works on behalf of CIU/ESTS and Terri Brooks the TR-45 LAES Chair representing Steptoe and Johnson.

The Committee recessed at 6:00 PM Local Time on Wednesday September 1, 2004 and re-convened at 8:05 AM Local Time on Thursday September 2, 2004.

a. **Usage of the Terms ANS/TIA/EIA in Document Titles**
It was report under agenda item 8c that a solution has been implemented to address the multi-part document issue raised previously by TR-45.3.

b. **TIA Addenda**
The issue related to enhanced vs delta documents has been addressed based on direction of the TIA Technical Committee and it was agreed that this item would be dropped from the agenda**.**

c. **Jurisdiction Information Parameter (JIP) in NIIF Reference Document**
Documents TR45/04.06.02.26R1, TR45/04.09.01.23, and TR45/04.03.03.26 were provided for information. It was reported that a conference call was convened by the NIIF on 27 July 2004 with representatives from the OBF, NIIF, and TR-45.2. Modifications were proposed to rule 4 and 7 and the text was circulated to the affected groups for review. TR-45.2 reviewed and concurred with the text, but requested that TR-45.2 reserve the right to review the final text. A follow up NIIF/OBF/TR-45 call was scheduled for 29 September 2004.

d. **Status of TR-45.1 Documents such as PN-3610-RV2 (TSB-70) and PN-3477 (TSB-71)**
It was agreed without objection for TR-45 to proceed with a 30-day ballot to withdraw TSB-71, if the former Chair of TR-45.1 concurs. The TR-45 Chair will review other documents (e.g., TSBs) assigned to TR-45.1 and provide a recommendation for treatment of those documents (i.e., reaffirm, withdraw) as appropriate.

e. **Recent Leadership Election Results and Upcoming TR-45 Election Required**
Elections were held in July 2004 for the Leadership positions in TR-45.2 and TR-45.6. David Crowe representing Qualcomm was elected by TR-45.2 as the new Chair of TR-45.2 in July 2004. In addition, Lewis Milton representing Motorola was elected by TR-45.2 as the new TR-45.2 Vice-Chair in July 2004. Parviz Yeganiz representing Cisco was elected by acclamation as Chair of TR-45.6 and Peter Nurse representing Lucent was elected by acclamation as the Vice-Chair of TR-45.6 by TR-45.6 in July 2004. TR-45 confirmed the new leadership of TR-45.2 and TR-45.6. It was noted that election for Chair of Committee TR-45 would occur at the TR-45 meeting in December 2-3, 2004. It was requested that letters of nomination be submitted to D.Bart of TIA and copied to S.White of TIA, S.Hoyler of TIA, and J.Brownley, TR-45 Secretary.

g. **TR-45 NGN Ad-Hoc Group Formation**
The Next Generation Network (NGN) Ad-Hoc Group recommended that an existing group within the current TR-45 structure be chartered with the NGN work and that the NGN Ad-Hoc could be disbanded. It was agreed that TR-45.2 would be the lead group for NGN within TR-45 and that the Subcommittee would coordinate with the other Subcommittees and Ad-Hoc groups on NGN. The TR-45 AHG on NGN was disbanded without objection.

The NGN Ad-Hoc also reported that a question had arisen regarding establishing liaisons with relevant groups such as the DSL forum, IEEE, and IETF and there does not seem to be any such effort at this time. It was noted that at the last TIA board meeting in discussions on NGN, it was agreed that TIA would recommend to the U.S. State Department that a new co-ordination group be formed that could provide co-ordination of the U.S. based SDOs and forums such as TIA, ATIS, IETF. TR-45 was in full support of this initiative by TIA.

h. **ITU-T SSG Q.1742.4 Publication Status**
Document TR45/04.06.02.30, regarding the new recommendation Q.1742.4 IMT-2000 references to ANSI-41 evolved Core Network with cdma2000 Access Network, was remanded to TR-45.2 to take action as appropriate. TR-45 agreed to contact the Editor of ITU-T SSG Q.1742.4 to determine the start date for identifying the TIA standards transposed from 3GPP2 specifications. TR-45 plans to forward the cross-reference information to TIA, so that TIA can forward the information to the ITU-T SSG.

i. **TSB-84-A on PCS-to-PCS Interference**
It was noted that the Chair of TR-45 had contacted M.Young of T1P1 to encourage him to provide official correspondence to TIA to request copyright permission for use of the desired TIA documents relative to PCS-to-PCS interference. M.Young had already contacted TIA. TR-45 requested to be kept in the loop on such matters that concern the TR-45 standards and any forthcoming work on interference issues.

j. **Joint MEID Press Release**
It was requested that this agenda item be carried-forward until the next meeting of TR-45 in December 2004.

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

a. **IFAST Liaison Report**
Document TR45/04.09.01.33 was provided for information. It was agreed that a new standing agenda item would be added to the TR-45 meeting for a IFAST Liaison Report with D.Crowe as the Liaison.

The Committee recessed for a break at 10:00 AM and reconvened at 10:20 PM.

b. **Broadband Data Overlay for IMT-2000**
TR45/04.09.01.25R2 was provided for information. Document .25R2 presented a two phased recommendation for 3GPP2 to (1) ultimately initiate a work item to modify the cdma2000 specifications for inclusion in the required text in Section 5.x.2 of the ITU-R M.1457-5 document to make reference to the ATIS-0700001 standard as an optional broadband overlay. And to, (2) investigate changes to cdma2000 specifications to define MAN to WAN hand-off from IMT-2000 to ATIS-0700001. A number of concerns were raised relative to these recommendations such as (a) the timing and requirements for updates to M.1457, (b) the consensus and supporters required within the SDOs needed to update specifications, (c) that TR-45 was not in the position to speak for 3GPP2, and (d) more. It was noted that the proponents of .25R2 plan to contact 3GPP2.

c. **Project MESA Information for TR-45**
Documents TR45/04.09.01.34R1 and TR45/04.09.01.37 were provided for information. TR-45 intends to explore a liaison relationship with Project MESA through David Thompson of TIA. Document .37 was remanded to all TR-45 Subcommittees and AHGs to review and identify how their work meets the needs and supports Project MESA and to provide any updates to the information. TR-45 agreed to send correspondence to Project MESA in time for the next Project MESA meeting in October 2004 to acknowledge receipt of the information and to share TR-45 intentions.

d. **TR-45 Report to the TIA Technical Committee**
The TR-45 Report to the TIA Technical Committee was provided in Document .36 for information.

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

Due to lack of time, relative to the liaison reports, the Chair asked if there were any items that needed to be raised to the Committee, otherwise all written reports would be noted for information. No specific items were noted.

a. **CTIA** – R.Kemper provided a brief verbal report.

b. **ITU-T** – D.Thompson provided Document .17 as the written report.

c. **ITU-R** – M.Epstein provided Document .16 as the written report. Document .28 was provided for information.

d. **CITEL** – There was no report.

e. **Wireless Communications Division (WCD)** – B.Belt provided Document .19 as the written report.

f. **Technical Regulatory Issues Committee (TRIC)** – B.Belt provided Document .20 as the written report.

g. **TIA** – S.Montgomery, on behalf of S.Hoyler provided Document .21, as the written report. Documents .24, .26 and .32 were provided for information.

h. **3GPP2** – G.Flynn provided a brief verbal report.

i. **3GPP** – P.Musgrove provided a brief verbal report.

j. **ATIS** – There was no report.

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

1. TR-45 will proceed with a 30-day ballot to withdraw TSB-71, if the former Chair of TR-45.1 concurs.
2. Regarding the outstanding TR-45.1 documents, the TR-45 Chair will review other documents (e.g., TSBs) assigned to TR-45.1 and provide a recommendation for treatment of those documents (i.e., reaffirm, withdraw) as appropriate.
3. F.Quick agreed to submit the ballot authorization via the TIA website to ballot PN-3-0178.
4. F.Quick took an action item to investigate how the two documents in Item 2 of the TR-45 Remanded Items in Document .10 would be referenced in Q.1742.4 and provide a recommended addition to the ITU-T SSG request.
5. The TR-45 Chair agreed to provide the cross-reference information to TIA to share with the ITU-T SSG.
6. Item 2 of the AHAG Summary in Document .10 was remanded to TR-45.2, TR-45.3, and TR-45.5 to work with the AHAG to determine whether an informative reference is desired and if so, to determine how to address the informative reference.
7. TR-45 agreed to send correspondence to TIA (D.Bart and M.Flanagin) to indicate that TR-45 requires wireless internet access in Committee TR-45 meeting rooms.
8. The EUMAHG to draft a reply letter to 3GPP2 TSG-C as outlined in Item 7 under the ESN/UIM/MEID Ad Hoc Summary in Document .11R2.
9. The AHG on LAES to send the approved Committee correspondence in Document .13b to TIA regarding "OID (Object Identifier) subtree "laes(2)" assignment request."
10. It was agreed without objection for TR-45 to proceed with a 30-day ballot to withdraw TSB-71, if the former Chair of TR-45.1 concurs.
11. The TR-45 LAES Ad Hoc Group will conduct a second default ballot of ANS J-STD-025-B (SP-3-4465-UGRV2-2).
12. Inform ATIS of the ballot of ANS J-STD-025-B (SP-3-4465-UGRV2-2) and to request ATIS to closely coordinate the timing of the ballots to the extent possible. D. Bart of TIA agreed to officially notify the ATIS Secretariat of the TR-45 decision. Ed Hall, the ATIS Liaison to TR-45, also agreed to relay this information to ATIS staff.

13. Relative to LAES, TIA to strongly consider the formation of a policy/legal group to document and list the specific capabilities and what constitutes "safe harbor" from a legal perspective and defend that safe harbor standard if challenged.
14. Regarding the upcoming TR-45 election, it was requested that letters of nomination be submitted to D.Bart of TIA and copied to S.White of TIA, S.Hoyler of TIA, and J.Brownley, TR-45 Secretary
15. Regarding NGN, TIA took an action item to recommend to the U.S. State Department that a new co-ordination group be formed that could provide co-ordination of the US based SDOs and forums such as TIA, ATIS, IETF. TR-45 was in full support of this initiative by TIA.
16. TR-45.2 would be the lead group for NGN within TR-45 and that the Subcommittee would coordinate with the other Subcommittees and Ad-Hoc groups on NGN.
17. Document TR45/04.06.02.30, regarding the new recommendation Q.1742.4 IMT-2000 references to ANSI-41 evolved Core Network with cdma2000 Access Network, was remanded to TR-45.2 to take action as appropriate.
18. TR-45 agreed to contact the Editor of ITU-T SSG Q.1742.4 to determine the start date for identifying the TIA standards transposed from 3GPP2 specifications. TR-45 plans to forward the cross-reference information to TIA, so that TIA can forward the information to the ITU-T SSG.
19. A new standing agenda item will be added to the TR-45 meeting for a IFAST Liaison Report with D.Crowe as the Liaison.
20. TR-45 intends to explore a liaison relationship with Project MESA, through David Thompson of TIA.
21. Document .37 was remanded to all TR-45 Subcommittees and AHGs to review and identify how their work meets the needs and supports Project MESA and to provide any updates to the information. TR-45 agreed to send correspondence to Project MESA in time for the next Project MESA meeting in October 2004 to acknowledge receipt of the information and to share TR-45 intentions.

13. Review Meeting Schedules, continued

   a. **TR-45 2004 Schedule** – It was verbally confirmed that the next Committee TR-45 meeting would be held at the Sheraton Hotel on the island of Kauai in Hawaii, Thursday and Friday, December 2-3, 2004.

   b. **Subcommittees and AHG 2004 Schedules** - Documents .05, .06, .07, .08, and .09 were provided for information.

   c. **TR-45 2005 Schedule –** Document .31 was provided for information.

14. Open Discussion
   There were no items for open discussion.

23. Having concluded the meeting's deliberations, a motion was made to adjourn. The meeting was conducted in accordance with the TIA Engineering Manual and Legal Guidelines and was adjourned at approximately 12:30 AM local time September 2, 2004.

Cheryl J. Blum
Chair
Engineering Committee TR-45

Jane C. Brownley
Secretary
Engineering Committee TR-45