# Approved by General Counsel
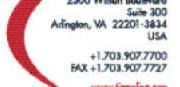
TR-45 Meeting Report
Date: 06/05-06/02
Location: Chicago, Illinois

Approved: 08/16/02
**T# 6667**

# Telecommunications Industry Association
## TR45 Committee
## Mobile & Personal Communications Standards (TR45)
## Report of Meeting
## June 5-6, 2002
## Doubletree Guest Suites, Chicago, IL

### Quorum List, Members Present

| Member | Representative | Attendance | |
|---|---|---|---|
| | | Last | Prior |
| 1. Alps Electric | R. Miyano | X | |
| 2. AT&T Wireless Services | S. Chander | X | X |
| 3. CDMA Development Group | S. Samra | | |
| 4. Cingular Wireless | T. Watts | X | |
| 5. Federal Bureau of Investigation (CIS) | D. Codling | | X |
| 6. CommWorks Corporation | E. Campbell | X | X |
| 7. Ericsson | B. Slocum | X | X |
| 8. Federal Bureau of Investigation (CIS) | D. Codling | | X |
| 9. Fujitsu | S. Takenaka | X | |
| 10. InterDigital Communications, Corp. | B. Kiernan | X | X |
| 11. Lucent Technologies, Inc. | C. Blum | X | X |
| 12. Motorola, Inc. | J. Kay | X | X |
| 13. NEC America, Inc. | S. Jones | X | X |
| 14. Nokia Mobile Phones | S. Willhoff | X | X |
| 15. Nortel Networks | G. Patel | X | |
| 16. QualComm | F. Quick | X | X |
| 17. Rogers Wireless, Inc. | P. Oldfield | | X |
| 18. Sprint PCS | D. Baldwin | X | X |
| 19. Tantivy Communications | C. Barber | X | |
| 20. Telcordia Technologies | B. Pramanik | X | X |
| 21. Toshiba | S. Sheldon | X | X |
| 22. Verizon Wireless | J. 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. | W. Lye | X | X |
| 2. CRAG | J. Willse | | X |
| 3. Panasonic | S. McConoughey | X | X |
| 4. SBC Technology Resources, Inc. | *Vacant* | | X |

### Others Present

| Member | Representative |
|---|---|
| 1.  ATIS | E. Hall |
| 2.  CTIA | R. Kemper |
| 3.  CommFlow Resources | G. Pellegrino |
| 4.  Lucent Technologies, Inc. | J. Alphonse |
| 5.  Lucent Technologies, Inc. | J. Brownley |
| 6.  Lucent Technologies, Inc. | P. Nurse |
| 7.  KDDI Corporation | J. Martin |
| 8.  Motorola | S. Dennett |
| 9.  Motorola | S. Migaldi |
| 10.  Nokia, Inc. | T. Brooks |
| 11.  TIA | B. Belt |
| 12.  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.]

1.  The TR45 Committee was convened on June 5, 2002, at the Doubletree Guest Suites, Chicago, IL, at 09:05 AM local time.
    - C.Blum/Chair TR45 called the meeting to order and welcomed the TR45 membership to Chicago. The Chair shared sad news on the recent deaths of TR-45 participants Ken Skurnak, David DeVaney and Allen Groh.  Expressions of sympathy were extended to their families and friends.

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 |
|---|---|---|---|
| TR45/02.06.05.01R1 | Meeting Agenda | C. J. Blum Chair TR45 | 3 |
| TR45/02.06.05.02 | TR-45 Meeting Report of March 6-7, 2002 | J. Brownley Secretary | 6 |
| TR45/02.06.05.03R1 | TR-45 Committee Correspondence | J. Brownley Secretary | 7 |
| TR45/02.06.05.04 | Report of TIA Subcommittee TR45.1 to TIA Committee TR45 | J. Kay Chair TR45.1 | 8a, 13c |
| TR45/02.06.05.05 | Subcommittee TR45.2 Report | T.Watts Chair TR45.2 | 8b, 13c |
| TR45/02.06.05.06 | Report of TR45.3 to TR45 | P. Nurse Chair TR45.3 | 8c, 13c |
| TR45/02.06.05.07 | Engineering Subcommittee TR45.4 Report to TR45 | D.Baldwin Chair TR45.4 | 8d, 13c |
| TR45/02.06.05.08 | TR45.5 Report | J. Alphonse Chair TR45.5 | 8e, 13c |
| TR45/02.06.05.09 | TR45.6 Report | E.Campbell Chair TR45.6 | 8f, 13c |

| TR45/02.06.05.10 | AHAG Report | C. Carroll<br>Chair AHAG | 8g |
|---|---|---|---|
| TR45/02.06.05.11 | AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG) Report | B. Slocum<br>Chair NAG | 8h |
| TR45/02.06.05.12 | AHG on UIM/ESN Report | T.Watts<br>Chair AHG on UIM/ESN | 8j |
| TR45/02.06.05.13 | ESN Administrator's Report | B.Belt<br>ESN Administrator | 8j |
| TR45/02.06.05.14 | AHG on LAES Report | T.Brooks<br>Chair AHG on LAES | 8k |
| TR45/02.06.05.15 | TR-45 Program Management Report | C.Blum<br>Chair TR45 | 8l |
| TR45/02.06.05.16 | CTIA Liaison Report | R. Kemper<br>CTIA Liaison | 11a |
| TR45/02.06.05.17 | TR45 Committee Correspondence<br>Re: Equipment Identifiers JEM | J.Brownley<br>Secretary | 9b |
| TR45/02.06.05.18 | OAS/CITEL Liaison Report | G. Gardner<br>CITEL Liaison | 11f |
| TR45/02.06.05.19 | 3GPP2 Liaison Report | S.Dennett<br>3GPP2 Liaison | 11i |
| TR45/02.06.05.20 | 3GPP Liaison Report | P. Musgrove<br>3GPP Liaison | 11j |
| TR45/02.06.05.21 | ATIS Liaison Report | E.Hall<br>ATIS Liaison | 11k |
| TR45/02.06.05.22R1 | TR45 Committee Correspondence<br>Re: TR-45 Network Reference Model | J.Brownley<br>Secretary | 8h |
| TR45/02.06.05.23 | TR45 Committee Correspondence<br>Re: ESN Exhaust | J.Brownley<br>Secretary | 9a |
| TR45/02.06.05.24 | TR45 Committee Correspondence<br>Re: SID Assignment in TIA TSB-29 | J.Brownley<br>Secretary | 10a |
| TR45/02.06.05.25 | TR45 Committee Correspondence<br>Re: UIM-ID Administration | J.Brownley<br>Secretary | 9c |
| TR45/02.06.05.26 | TR45 Committee Correspondence<br>Re: 3GPP2 Vision JEM Invitation | J.Brownley<br>Secretary | 10c, 11i |
| TR45/02.06.05.27 | TR45 Committee Correspondence<br>Re: Comments on LAES Standards | J.Brownley<br>Secretary | 8k |
| TR45/02.06.05.28 | TR45 Committee Correspondence<br>Re: TIA TR Emergency Telecommunications Activities | J.Brownley<br>Secretary | 10b |
| TR45/02.06.05.29 | TR45 Committee Correspondence<br>Re: Mobile Equipment Identification Recommendations | J.Brownley<br>Secretary | 9b |
| TR45/02.06.05.30 | TR45 Committee Correspondence<br>Re: All-IP Accounting & Auditing System Requirements | J.Brownley<br>Secretary | 8b |
| TR45/02.06.05.31R1 | TR45 Committee Correspondence<br>Re: ITU-R M.1457 Updates | J.Brownley<br>Secretary | 11e |
| TR45/02.06.05.32 | TR45 Committee Correspondence<br>Re: Summit on Signaling for VoIP | J.Brownley<br>Secretary | 10d |
| TR45/02.06.05.33 | TR45 Committee 2002 Meeting Schedule | J.Brownley<br>Secretary | 13a |

| TR45/02.06.05.34 | TIA WCD Liaison Report | B.Belt<br>TIA WCD Liaison | 11g |
| TR45/02.06.05.35 | TIA WCD TRIC Liaison Report | B.Belt<br>TIA WCD Liaison | 11g |
| TR45/02.06.05.36 | TR45 Committee Correspondence<br>Re: Chair Position Resignations | J.Brownley<br>Secretary | 8b, 8j |
| TR45/02.06.05.37 | TR45 Committee Correspondence<br>Re: Draft recommendation "ANSI-41<br>evolved Core Network with cdma2000<br>Access Network" | J.Brownley<br>Secretary | 11d |
| TR45/02.06.05.38 | Proposed FCC Rules Changes for ESN | B.Belt<br>TIA WCD Liaison | 8j |
| TR45/02.06.05.39 | TR45 Committee 2003 Meeting Schedule | J.Brownley<br>Secretary | 13b |
| TR45/02.06.05.40 | TR45 Electronic Media Ad Hoc<br>Meeting Notes – March 6, 2002 | S.Hoyler<br>TIA Liaison | 8i |
| TR45/02.06.05.41R1 | TIA Standards Department Report | S.Hoyler<br>TIA Liaison | 11h |
| TR45/02.06.05.42 | Enhanced Addendum Policy | S.Hoyler<br>TIA Liaison | 11h |
| TR45/02.06.05.43 | Updated Annex G Revision 3 | S.Hoyler<br>TIA Liaison | 11h |
| TR45/02.06.05.44 | Updated Contribution Template Revision 2 | S.Hoyler<br>TIA Liaison | 11h |
| TR45/02.06.05.45 | Updated Annex H Revision 1 | S.Hoyler<br>TIA Liaison | 11h |
| TR45/02.06.05.46 | IEC Sector Board for Review | S.Hoyler<br>TIA Liaison | 11h |

6. The meeting report of March 6-7, 2002 numbered TR45/02.06.05.02 was reviewed. A motion was made and passed with no objections to approve the meeting report.

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

   - **Document .03R1** - This correspondence was provided for information.

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

   a. **TR45.1 Subcommittee** - J. Kay provided Document .04 as the written report. It was noted that TR45.1 plans to initiate a project and form an ad-hoc group to revise TSB-121 to address TTY-related items.

   b. **TR45.2 Subcommittee -** T.Watts provided Document .05 as the written report. Relative to new projects, a revision of TSB-29-D was approved at the TR45.2 meeting in April 2002 to remove the SID assignment tables that would be maintained by IFAST going forward. Terry Watts indicated his plans to resign as the TR45.2 Chair effective after the July 2002 TR45.2 meeting as noted in Document .36. Appreciation was expressed for Terry's years of commitment and contributions to TIA and TR45. Document .36 was remanded to TR45.2 to take the appropriate steps to elect a new Chair following Terry's resignation. Document .30 was provided for information.

   c. **TR45.3 Subcommittee** – P.Nurse provided Document .06 as the written report. It was reported that the publication of revision D of TIA/EIA-136 has been completed. A proposed update that incorporates revision D material was submitted for the ITU-R M.1457 at the eighth meeting of WP 8F in Ottawa. Concern was raised that the ballot of SP-3-4027-440-AD2 had to be extended as a result of a fundamental flaw in the new TIA ballot voting process.

d. **TR45.4 Subcommittee** – D.Baldwin provided Document .07 as the written report. It was reported that PN-4545-RV2 was published in May 2002 as TIA/EIA/IS-2001.x-B (x=1thru7). Concern was raised that sufficient time is needed to review and comment on TR45.4 documents.

e. **TR45.5 Subcommittee** – J.Alphonse presented Document .08 as the written report. It was reported that IS-2000.1-B cdma2000 Release B and IS-2000.1-C cdma2000 Release C were published in April 2002 and May 2002, respectively, without the Sync Channel fix included. It was noted that Addendum 3 to cdma 2000 Release A, that would include the Sync Channel resolution is under development in 3GPP2 TSG-C pending approval of the baseline text. It was acknowledged that TIA TR45.5 met all requirements for the ITU-R WP 8F with respect to completion of the M.1457 CDMA-MC version 3 update.

f. **TR45.6 Subcommittee** – E.Campbell provided Document .09 as the written report. It was noted that due to substantive technical changes during ballot comment resolution, a re-ballot of cdma2000 Wireless IP Network Standard, PN-3-4732-RV2 (TIA/EIA/IS-835-B), would be addressed by Subcommittee TR45.6.

g. **Ad Hoc Authentication Group (AHAG)** – F.Quick, on behalf of C.Carroll, presented Document .10 as the written report. The AHAG reported that the MEID should be fixed, unique, and unchangeable to prevent or reduce possible handset theft by enabling service providers to track stolen handsets. TR45.3 formally requested that the AHAG identify an algorithm to derive a 32-bit ESN from 56-bits by June 23, 2002.

h. **AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG)** - B.Slocum provided Document .11 as the written report. Document .22R1 was provided for information. It was noted that 3GPP2 TSG-S indicated that it has no plans or support to incorporate the 3GPP2 NAM into the TR-45 NRM. It was agreed that the Ad Hoc Group be rendered dormant until such time as contributions are submitted and there is support to update the TR-45 Network Reference Model. It was agreed that the AHG on NRM would be removed as a standing TR45 agenda item while dormant. Bob Slocum indicated his intentions to resign as Chair of the Ad-Hoc Group effective after the June 2002 TR45 meeting. Individuals interested in serving as Ad-Hoc Chair were encouraged to contact the TR45 Chair.

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

i. **AHG on Electronic Media Documentation** – S.Hoyler provided Document .40 as a written report. It included guidelines for the TR45 AHG on Electronic Media that were accepted without objection.

j. **AHG on UIM/ESN** - T.Watts provided Document .12 as the written report. The recommendations and requirements for support of MEID as the ESN replacement for the Mobile Equipment Identifier were provided for review and comment. TR45 agreed to send correspondence to the 3GPP2 SC with a copyto all invitees to the Mobile Equipment Identifiers JEM to express TR45 support for the JEM report and conclusions. Further discussion and decisions relative to Document .12 were deferred to agenda items 9a and 9b. Terry Watts indicated his plans to resign as the Ad-Hoc Group Chair effective after the June 2002 TR45 meeting as noted in Document .36.

   - **ESN Administration** – B.Belt provided Document .13 as the written report. It was noted that the 32-bit ESN exhaust date was projected for 1Q05. Document .38 was provided with preliminary language for proposed changes to the FCC rules for ESN for review and comment by Committee TR45. Further discussion and decisions relative to Document .38 was deferred to agenda items 9a and 9b.

k.  **AHG on LAES –** T.Brooks provided Document .14 as the written report. TR45 concurred without objection with the AHG recommendation to take PN-4464 out of suspension and modify accordingly based on the AHG agreements provided in Document .14 and to proceed to a default ANSI ballot. Regarding J-STD-025A, it was agreed that the AHG on LAES would send the proposed text for notification in Document .14 via TIA to the companies that have a copy of the standard. Regarding J-STD-025B, a revised workplan was provided. Document .27 was provided for information. It was noted that comments from the T1P1 liaison in Document .27 have been incorporated into the working document as agreed to at the May 2002 LAES AHG meeting.

l.  **TR45 Standards Development Program Report –** C.Blum provided Document .15 as an updated version of the TR45 Program Management Report. TR45.5 to provide the SMV TIA PN number as requested. Also, TR45.1 input to be incorporated. Document .15 would be re-issued as amended. Going forward S.Jones graciously accepted the role of TR45 Program Manager.

The Committee recessed for lunch at 11:45 AM and reconvened at 1:15 PM.

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

a.  **ESN Manufacturer Code Exhaust –** Document .23 was provided for consideration for information. It was noted that the answers and comments in Document .23 were previously forwarded to and addressed by the UE AHG with no further action required. Documents .12 and .38 were re-introduced with the following results.
    - Document .12 was remanded to the Subcommittees to take into consideration as guidelines in the completion for publication of standards development work for MEID by end-of-year 2003. It was further indicated that if during the development work there are any concerns or deviations from the recommendations, the Subcommittees were directed to address them with the UE AHG and copyto TR45.
    - TR45 agreed to send correspondence to 3GPP2 to request that 3GPP2 review and provide feedback on the recommendations directly to the UE AHG by the end-of-August 2002, especially if there were any concerns or potential for deviations from the recommendations as provided in Document .12.
    - TIA would repackage the amended text of the proposed rules changes for ESN in Document .38 consistent with a FCC filing. TIA would provide the revision to TR45 the week of June 10, 2002. TR45 would distribute the revision to TR45, ATIS, CTIA, and 3GPP2 for review and comment and would request that feedback be directed to TIA by a date to be provided by TIA. TIA to forward the final version to the FCC by end-of-July 2002 contingent on TIA legal review and final TR45 approval (based on final review conducted via the TR45 e-mail explore.)
    In Document .36, Terry Watts indicated his intentions to resign as Chair of the Ad-Hoc Group effective after the June 2002 TR45 meeting. Individuals interested in serving as Ad-Hoc Chair were encouraged to contact the TR45 Chair. The need for a new Chair at this critical time was stressed.

b.  **Mobile Equipment Identification JEM Items -** Regarding MEID Administration, it was suggested that TR45 nominate TIA to serve in the role of MEID Administrator. It was further suggested that the role of MEID Administration be placed on the agenda for the next TR45 meeting in September 2002. Documents .17 and .29 was provided for information

c.  **UIM-ID Administration -** Document .25 was provided. It was noted that a conference call would be scheduled to address identifying the UIM-ID manufacturers. The meeting would be convened by TIA with all parties involved invited.

The Committee recessed for a break at 3:00 PM and reconvened at 3:25 PM.

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

a. **TSB-29 SID Assignments** – Document .24 was provided. It was re-iterated that a revision of TSB-29-D was approved as a new project at the TR45.2 meeting in April 2002 to remove the SID assignment tables that would be maintained by IFAST going forward. TR45 agreed to reply to IFAST to indicate that TR45.2 has initiated a new project to revise TSB-29-D to remove the SID assignment tables and that TSB-29-D would point to the IFAST website.

b. **TIA TR Emergency Telecommunications Activities** – Document .28 was remanded to the Subcommittees, AHAG, and LAES AHG. These Subcommittees and AHGs were encouraged to provide any updated information on emergency telecommunication activities to David Thompson, TIA, no later than the end-of-June 2002, if not previously provided. TIA to provide a copy of the updated document to TR45 when available.

c. **3GPP2 Vision JEM Invitation** – Document .26 was remanded to the Subcommittees for information and to participate, if it is so decided. The JEM Chair, S.Migaldi, provided a few view words of information about the objective and logistics of the 3GPP2 Vision JEM.

d. **Summit on Signaling for VoIP** – Document .32 was remanded to the Subcommittees to ensure that the information in the attached is relevant and up to date by July 19, 2002. TR45 requested that David Thompson, TIA, represent TR45 at the Summit and provide relevant TR45 information. TIA concurred that David Thompson was available to represent TR45 at the Summit. TR45 planned to reply to T1 that TR45 would be represented by TIA at the Summit. It was noted that if a Subcommittee desired to attend the Summit to please inform the Chair and copyto to S.Holyer and J.Brownley by July 19, 2002 so that TR45 could include the Subcommittees' intentions in its reply to T1. It was noted that the Summit would be held on August 13-14, 2002 in Washington, DC.

e. **Reaffirm or Withdraw TSB-39-A (PN 3-3195)** – There were no objections to the reaffirmation of TSB-39-A (PN-3-3195). However, the need to make changes to the document was indicated that would require a revision of the TSB. So TSB-39-A was remanded to TR45.1, TR45.3, and TR45.5 to review and provide comments directly to S.Jones as Editor by July 31, 2002. S.Jones was directed to incorporate the comments and provide the revised baseline document for consideration for a 30-day ballot at the next TR45 meeting in September 2002.

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

a. **CTIA** – R.Kemper provided Document .16 as the written report. A key item noted was the CTIA inquiry on whether TR45 has developed any standards for network reliability. CTIA indicated that this inquiry was motivated by FCC action encouraging wireless carriers participation in a "voluntary trial" to report network outages. CTIA thanked Chris Carroll for briefing the HSTF and for his work on reviewing a National Security Telecommunication Advisory Committee (NSTAC) presentation on threats to wireless service.

b. **T1S1, T1E1 & T1A1** – T.Watts indicated that there was no report. It was agreed that going forward the T1 related liaison activities would be included under the ATIS Liaison Report and this agenda item would be removed.

c. **T1P1** – T.Watts indicated that there was no report. Clif Barber volunteered to serve as the T1P1 Liaison going forward. TR45 agreed to send correspondence to T1P1 to indicate that C.Barber would be serving as the TR45 Liaison to T1P1.

d. **ITU-T** – It was noted that David Thompson, TIA, would serve as the ITU-T Liaison for TR45. Document .37 was remanded to TR45.2, TR45.6, and AHAG to review Section 10 for updates and to provide comments at the September 2002 TR45 meeting for TR45 to consolidate and forward to the ITU-T SSG.

The Committee recessed for the day at 5:30 PM on Wednesday, June 5, 2002 and reconvened at 8:00 AM on Thursday, June 6, 2002.

  e. **ITU-R –** There was no report. It was noted that the ITU-R WP 8F meeting was held in Ottawa, Ontario May 27 through June 5, 2002. Document .31R1 was provided regarding the TR45.3 and TR45.5 submissions to M.1457 at the WP 8F meeting. It was reported that the ITU-R update schedule was changed such that there would be two meetings scheduled in 2003 (i.e., Feb 2003 for Release 2, and Oct 2003 for Release 3.) It was suggested that the ITU-R schedule should not be the driver for TR45 standards development that the TIA Engineering Manual (i.e., due process) and member company desires be the guiding force. TR45.3 and TR45.5 were instructed to provide their workplans and milestones for future updates to M.1457 to ensure that plans are consistent with the TIA standards development process.

  f. **CITEL** – B.Slocum, on behalf of G.Gardner, presented Document .18, the written report for information.

  g. **Wireless Communications Division (WCD) –**

    • **Regulatory and Policy Issues –** B.Belt provided Document .34 as the written report.

    • **Technical Regulatory Issues Committee (TRIC) –** B.Belt provided Document .35 as the written report. It was reported that the TRIC Chair, Allen Groh of Ericsson, passed away.

  h. **TIA –** Documents .41R1, .42, .43, .44, .45, and .46 were provided by S.Hoyler with the following results.
    • Document .41R1 presented the TIA standards department report. The next WCD and TC meetings would be scheduled for Thursday, September 5 following the TR45 meeting in Washington, DC. TIA intends to reactivate the TIA Engineering Manual Ad Hoc. A new release of the Engineering Manual (3rd edition) would be released by the end of June 2002. For distribution from the Chair of the TIA Technical Committee, the TR45 Chair agreed to draft text reminding Chairs of their responsibilities and reaffirming that TIA operates under the procedures as stated in the TIA Engineering Manual. There would be a TIA Legal Summit in the mid October 2002 timeframe. TIA encouraged member companies to send a legal representative to the Summit. TIA Leadership training was planned in conjunction with the TR45 meeting in Washington, DC in September 2002. Considering that the next GSC/RAST meeting is scheduled for the late April 2003 timeframe in Ottawa, Canada, TIA would be soliciting input and delegates from TR45. It was noted that the email naming convention for TIA staff has changed to first initial followed by the full last name effective January 1, 2002.
    • Document .42 presented the TIA enhanced addendum policy for information.
    • Document .43 presented the draft updated Annex G for information. Provided for information only not for use. The expectation was that the final version would be available in the September 2002 timeframe.
    • Document .44 presented the draft updated contribution template for information.
    • Document .45 presented the draft updated Annex H for information.
    • Document .46 provided the IEC Sector Board 4 Telecommunications Infrastructure presentation for information.

  i. **3GPP2 –** Document .19 was provided as the written report by S.Dennett. Document .26 was covered under agenda item 10c.

  j. **3GPP –** S.Chander provided Document .20 as the written report for consideration for information.

  k. **ATIS –** On behalf of E.Hall, C.Blum presented Document .21 as the written report. Attention was drawn to the fact that the Emergency Services Interconnection Forum (ESIF) has been formally established.

13. In review of assignments,
  – Document .36 was remanded to TR45.2 to take the appropriate steps to elect a new Chair following T.Watt's resignation.

- The AHG on NRM to be removed as a standing TR45 agenda item while dormant.
- TR45 to sent correspondence to the 3GPP2 SC with a copyto to all invitees to the Mobile Equipment Identifiers JEM to indicate TR45 support for the JEM report and conclusions.
- Regarding J-STD-025A, it was agreed that the AHG on LAES would send the proposed text for notification in Document .14 via TIA to the companies that have a copy of the standard.
- Regarding Document .15, the TR45 Workplan to be re-issued as amended.
- Regarding ESN exhaust, Document .12 was remanded to the Subcommittees to take into consideration as guidelines in the completion for publication of standards development work for MEID by end-of-year 2003.  It was noted that if during the development work there are any concerns or deviations from the recommendations the Subcommittees were directed to address them with the UE AHG and copyto to TR45.
- TR45 to sent correspondence to 3GPP2 to request that 3GPP2 review and provide feedback on the recommendations directly to the UE AHG by the end-of-August 2002 especially if there are any concerns or potential for deviations from the recommendations as provided in Document .12.
- TIA to repackage the amended text of the proposed rules changes for ESN in Document .38 consistent with a FCC filing. TIA to provide the revisions to TR45 the week of June 10, 2002.  TR45 to distribute the revision to TR45, ATIS, CTIA, and 3GPP2 for review and comment and to request that feedback be directed to TIA by a date to be provided by TIA. TIA to forward the final version to the FCC by end-of-July 2002 contingent on TIA legal review and final TR45 approval (based on a final review conducted via the TR45 e-mail explore.)
- TR45 to reply to IFAST to indicate that TR45.2 has initiated a new project to revise TSB-29-D to remove the SID assignment tables and that TSB-29-D will point to the IFAST website.
- Regarding TIA TR emergency telecommunications activities, Document .28 was remanded to the Subcommittees, AHAG, and LAES AHG. These Subcommittees and AHGs were encouraged to provide any updated information on emergency telecommunication activities to David Thompson, TIA, no later than the end-of-June 2002, if not previously provided. TIA to provide a copy of the updated document to TR45 when available.
- Regarding the 3GPP2 Vision JEM Invitation, Document .26 was remanded to the Subcommittees for information and to participate, if it is so decided.
- Regarding the Summit on Signaling for VoIP, Document .32 was remanded to the Subcommittees to ensure that the information in the attached is relevant and up to date by July 19, 2002. TR45 to reply to T1 that TR45 would be represented by TIA at the Summit.  Subcommittees that desire to attend the Summit were directed to inform the Chair and copyto S.Hoyler and J.Brownley by July 19, 2002 so the TR45 can include the Subcommittees' intentions in its reply to T1.
- Regarding the reaffirmation or withdrawal of TSB-39-A (PN 3-3195), TSB-39-A was remanded to TR45.1, TR45.3, and TR45.5 to review and provide comments directly to S.Jones as Editor by July 31, 2002. S.Jones to incorporate comments and provide the revised baseline document for consideration for a 30-day ballot at the September 2002 TR45 meeting.
- TR45 to send correspondence to T1P1 to indicate that C.Barber would serve as the TR45 Liaison to T1P1.
- Regarding ITU-T, Document .37 was remanded to TR45.2, TR45.6, and AHAG to review Section 10 for updates and to provide comments at the September 2002 meeting of TR45 for TR45 to consolidate the comments and forward to ITU-T.
- Regarding ITU-R, TR45.3 and TR45.5 were instructed to provide their workplans with milestones for future updates to M.1457 to ensure that plans are consistent with the TIA standards development process.
- It was agreed that CIS would provide a report under a new business agenda item to be included on the TR45 meeting agenda in September 2002.

14. Review Meeting Schedules

   a.  **TR45 2002 Schedule** – Document .33 was provided for information.

   b.  **TR45 2003 Schedule** – Document .39 was provided for information

c. **Subcommittees and AHG 2002 Schedules** - Documents .04, .05, .06, .07, .08, and .09 were provided for information.

15. Open Discussion

Donald Codling of the FBI CIS on CALEA Implementation as a U.S. Governmental entity indicated their desire to a standing Liaison Report agenda item at the Committee TR45 meetings. A sub-bullet under the LAES Ad Hoc Group Report was suggested. Alternatively, it was suggested that a new business agenda item be included on the TR45 meeting agenda in September 2002. It was agreed that CIS would provide a report under a new business agenda item that would be included on the TR45 meeting agenda in September 2002.

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 9:45 AM local time June 6, 2002.

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, June 5 through Thursday, June 6, 2002**
**Time:**           **Convene at 9:00 AM Local Time**
                      **Adjournment at approximately 5:00 PM Local Time**
**Location:**       **Doubletree Guest Suites Chicago**
                      **198 East Delaware Place**
                      **Chicago, Illinois 60611**
**Telephone:**      **(312) 664-1100**
**FAX:**           **(312) 664-9881**
**Rate:**           **$179.00**
**Cut-off:**        **May 05, 2002**

**EDC Cut-off:**    **May 29, 2002 11:59 PM Eastern Time**  (Please see Note 2 below.)
**FTP Sites:**      http://ftp.tiaonline.org/TR-45/TR45MAIN/INCOMING
                      http://ftp.tiaonline.org/TR-45/TR45MAIN/WORKING/current

## AGENDA

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

1. Call to Order & Opening Remarks
2. Attendance Registration & Roll Call
3. Agenda Review & Approval *(TR45/02.06.05.01R1)*
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 *(TR45/02.06.05.02)*
7. Correspondence *(TR45/02.06.05.03R1)*
8. Reports
   a. TR45.1 Subcommittee, J.Kay *(TR45/02.06.05.04)*
   b. TR45.2 Subcommittee, T.Watts, *(TR45/02.06.05.05)*, *(TR45/02.06.05.30)*, *(TR45/02.06.05.36)*
   c. TR45.3 Subcommittee, P.Nurse *(TR45/02.06.05.06)*
   d. TR45.4 Subcommittee, D.Baldwin *(TR45/02.06.05.07)*
   e. TR45.5 Subcommittee, J. Alphonse *(TR45/02.06.05.08)*
   f. TR45.6 Subcommittee, E.Campbell *(TR45/02.06.05.09)*
   g. Ad Hoc on Authentication Group (AHAG), C. Carroll *(TR45/02.06.05.10)*
   h. AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG), B.Slocum *(TR45/02.06.05.11), (TR45/02.06.05.22R1)*
   i. AHG on Electronic Media Documentation, *Vacant (TR45/02.06.05.40)*
   j. AHG on UIM/ESN, T.Watts *(TR45/02.06.05.12), (TR45/02.06.05.36)*
      • ESN Administrator Report, B.Belt *(TR45/02.06.05.13), (TR45/02.06.05.38)*
   k. AHG on LAES, T.Brooks *(TR45/02.06.05.14), (TR45/02.06.05.27)*
   l. TR-45 Standards Development Program Report, *Vacant* *(TR45/02.06.05.15)*

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 smontgom@tia.eia.org

Organization:     ANSI Accredited Engineering Committee TR45
                  Mobile & Personal Communications Standards (TR45)
Date:             Wednesday, June 5 through Thursday, June 6, 2002
Time:             Convene at 9:00 AM Local Time
                  Adjournment at approximately 5:00 PM Local Time

### AGENDA (cont'd)

9.  Old Business
    a.  ESN Manufacturer Code Exhaust *(TR45/02.06.05.23), (TR45/02.06.05.12), (TR45/02.06.05.38)*
    b.  Mobile Equipment Identification JEM Items *(TR45/02.06.05.17), (TR45/02.06.05.29)*
    c.  UIM-ID Administration  *(TR45/02.06.05.25)*
10. New Business
    a.  TSB-29 SID Assignments *(TR45/02.06.05.24)*
    b.  TIA TR Emergency Telecommunications Activities *(TR45/02.06.05.28)*
    c.  3GPP2 Vision JEM Invitation *(TR45/02.06.05.26)*
    d.  Summit on Signaling for VoIP *(TR45/02.06.05.32)*
    e.  Reaffirm or Withdraw TSB-39-A (PN 3-3195)
11. Liaison Reports
    a.  CTIA, K.Condello *(TR45/02.06.05.16)*
    b.  T1S1, T1E1 & T1A1, T. Watts
    c.  T1P1, T.Watts
    d.  ITU-T, *Vacant (TR45/02.06.05.37)*
    e.  ITU-R, M.Epstein *(TR45/02.06.05.31R1)*
    f.  CITEL, G.Gardner *(TR45/02.06.05.18)*
        • CITEL Consultative Committee on Telecommunications (CCT), G.Gardner
    g.  Wireless Communication Division (WCD), Chair
        • Regulatory and Policy Issues, B.Belt *(TR45/02.06.05.34)*
        • Technical Regulatory Issues Committee (TRIC), B.Belt *(TR45/02.06.05.35)*
    h.  TIA,  S.Hoyler  *(TR45/02.06.05.41R1),  (TR45/02.06.05.42),  (TR45/02.06.05.43),  (TR45/02.06.05.44), (TR45/02.06.05.45), (TR45/02.06.05.46)*
        • TIA TC, TSSC, S.Hoyler
        • Other TIA Standards and Engineering Committee Activities, S.Hoyler
    i.  3GPP2, S.Dennett *(TR45/02.06.05.19), (TR45/02.06.05.26)*
    j.  3GPP, P.Musgrove *(TR45/02.06.05.20)*
    k.  ATIS, E.Hall *(TR45/02.06.05.21)*
12. Review Assignments
13. Review Meeting Schedules
    a.  TR45 2002 Schedule *(TR45/02.06.05.33)*
        • Sep 04-05           Washington, DC
        • Dec 04-05           Los Angeles, CA
    b.  TR45 2003 Schedule *(TR45/02.06.05.39)*
    c.  Subcommittee and AHGs 2002 and 2003 Schedules *(TR45/02.06.05.04), (TR45/02.06.05.05), (TR45/02.06.05.06), (TR45/02.06.05.07), (TR45/02.06.05.08), (TR45/02.06.05.09)*
14. Open Discussion
15. Adjournment

Note 3: 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.)