<u>Approved by General Counsel</u>

TR-45 Meeting Report
Date: 06/2-3/04
Location: Chicago, IL

Approved: 07/30/04
T# 6835

Telecommunications Industry Association
TR-45 Committee
Mobile & Personal Communications Standards (TR-45)
Report of Meeting
June 2-3, 2004
Radisson Hotel & Suites, Chicago, IL

Quorum List, Members Present

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

Others Present

Member	Representative
1. CTIA	R. Kemper
2. LG InfoComm	C. Kyung
3. LG InfoComm	B.K. Yi
4. Lucent Technologies, Inc.	J. Alphonse
5. Lucent Technologies, Inc.	J. Brownley
6. Lucent Technologies, Inc.	B. Kidwell

7.	Lucent Technologies, Inc.	P. Nurse
8.	Lucent Technologies, Inc.	F. O'Brien
9.	Motorola, Inc.	L. Milton
10.	Qualcomm	M. Epstein
11.	Sprint	L.Young
12.	TIA	J. Derr
13.	TIA	S. Montgomery
14.	Tridea Works, LLC	H.Hodor

[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 June 2, 2004, at the Radisson Hotel & Suites, Chicago, IL, at 1:05 PM local time.
    – C.Blum/Chair TR-45 called the meeting to order and welcomed the TR-45 membership to Chicago, IL.

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
TR45/04.06.02.00R1	Contribution Assignment List	J.Brownley Secretary	5
TR45/04.06.02.01R2	Meeting Agenda	C.Blum Chair TR45	3
TR45/04.06.02.02	TR-45 Meeting Report of March 3-4, 2004	J. Brownley Secretary	6
TR45/04.06.02.03	Report of the TR-45 Conference Call of April 6, 2004	C.Blum Chair	6
TR45/04.06.02.04	Committee Correspondence	J. Brownley Secretary	7
TR45/04.06.02.05	Subcommittee TR45.2 Report	L. Young Chair TR45.2	8b, 13b
TR45/04.06.02.06	Report of TR45.3 to TR45	P. Musgrove Chair TR45.3	8c, 13b
TR45/04.06.02.07	TR45.4 Report	G. Turnipseed Chair TR45.4	8d, 13b
TR45/04.06.02.08	TR45.5 Report	J. Alphonse Chair TR45.5	8e, 13b
TR45/04.06.02.09	TR45.6 Report to TR45	P.Yegani Chair TR45.6	8f, 13b
TR45/04.06.02.10	AHAG Report	F. Quick Chair AHAG	8g
TR45/04.06.02.11	AHG on UIM/ESN Report	G. Pellegrino, Chair AHG on UIM/ESN/MEID	8i
TR45/04.06.02.12	ESN Administrator's Report	*B.Belt* ESN Administrator	8i

TR45/04.06.02.13	AHG on LAES Report	T.Brooks Chair AHG on LAES	8j
TR45/04.06.02.14	AHG on Electronic Media Documentation (AHEM) Report	P. Nurse Chair AHEM	8h
TR45/04.06.02.15	TR-45 Standards Program Report	J. Alphonse TR-45 Program Mgr	8l
TR45/04.06.02.16	ITU-R Liaison Report	M.Epstein ITU-R Liaison	11c
TR45/04.06.02.17R1	ITU-T Liaison Report	D.Thompson ITU-T Liaison	11b
TR45/04.06.02.18	< Not Used >		
TR45/04.06.02.19	WCD Report	B.Belt TIA WCD Liaison	11e
TR45/04.06.02.20	WCD TRIC Report	B.Belt TIA WCD Liaison	11f
TR45/04.06.02.21	TIA Standards Department Report	S.Hoyler TIA Liaison	11g
TR45/04.06.02.22	3GPP2 Liaison Report	G. Flynn 3GPP2 Liaison	11h
TR45/04.06.02.23	GSC-9 IPR Materials	S.Hoyler TIA Liaison	10a
TR45/04.06.02.24	TR45 Committee Correspondence Re: cdma2000® Certification Mark	J.Brownley Secretary	9c
TR45/04.06.02.25	TR45 Committee Correspondence Re: Shifting UIM Dependencies	J.Brownley Secretary	10b
TR45/04.06.02.26R1	TR45 Committee Correspondence Re: NIIF JIP Issues	J.Brownley Secretary	9g
TR45/04.06.02.27	TR45 Committee Correspondence Re: LAES and J-STD-025	J.Brownley Secretary	8j
TR45/04.06.02.28	TR45 Committee Correspondence Re: ETSI TC LI relative to LAES Standardization	J.Brownley Secretary	8j
TR45/04.06.02.29	TR45 Committee Correspondence Re: ITU-T SG4 Q18/4 OAM&P Security Requirements for Management Plane	J.Brownley Secretary	9f
TR45/04.06.02.30	TR45 Committee Correspondence Re: ITU-T SSG Q.1742.2 Publication Status	J.Brownley Secretary	10c
TR45/04.06.02.31	TR45 Committee Correspondence Re: TIA Project Numbers	J.Brownley Secretary	11g
TR45/04.06.02.32R1	TR45 Committee Correspondence Re: ITU-R M.1457 Update	J.Brownley Secretary	8e, 8c
TR45/04.06.02.33	TR45 Committee Correspondence Re: OID Guidelines	J.Brownley Secretary	8j
TR45/04.06.02.34R1	TR45 Committee Correspondence Re: ANS Revisions	J.Brownley Secretary	11g
TR45/04.06.02.35	TR45 Committee Correspondence Re: TIA GSC-9 Press Release	J.Brownley Secretary	10a
TR45/04.06.02.36	TR45 Presentations to GSC-9	J.Brownley Secretary	10a
TR45/04.06.02.37	TR45 Committee Correspondence Re: LAES Information Sharing Opportunity	J.Brownley Secretary	8j
TR45/04.06.02.38	TR45 Committee Correspondence Re: TR-45.5 Submissions to ITU-R M.1457	J.Brownley Secretary	8e

TR45/04.06.02.39R1	TR45 Committee Correspondence Re: CIU Withdrawal from the TR45 LAES Ad-Hoc Group	J.Brownley Secretary	8j
TR45/04.06.02.40R1	*TIA TR-45 Process for Balloting 3GPP2 Specifications*	J.Brownley Secretary	9e
TR45/04.06.02.41	TR-45 Practices Re: Addition to Quorum and Gaining Voting Rights During Meetings	J.Brownley Secretary	9i
TR45/04.06.02.42	TR45 Committee Correspondence Re: TIA Notification to TR-45 of 3GPP2 Specifications	J.Brownley Secretary	9k
TR45/04.06.02.43R1	Revised TR-45 Scopes and Charters	J.Brownley Secretary	9h
TR45/04.06.02.44	Digital Rights Management	S.Hoyler TIA Liaison	11g
TR45/04.06.02.45	Selection of location for December 2004 TR-45 Plenary	S.Hoyler TIA Liaison	11g, 13a
TR45/04.06.02.46	3GPP Liaison Report	P. Musgrove 3GPP Liaison	11i
TR45/04.06.02.47	Proposed Charter and Scope for CALEA TR45 LAES Ad Hoc Committee	B. Levitan Nextel	9h
TR45/03.09.03.25	TR45 Committee Correspondence Re: Liaison Statement on Status of ITU-T Draft Rec. Q.SNFB	J.Brownley Secretary	9b
TR45/ 03.12.03.42	TR45 Committee Correspondence Re: New 3GPP2 Publication Process	J.Brownley Secretary	9e
TR45/04.03.03.26	TR45 Committee Correspondence Re: Populating the JIP	J.Brownley Secretary	9g
TR45/04.03.03.16	TR45 Committee Correspondence Re: ITU-T SG4 LS on Q18/4 OAM&P Security Requirements for Management Plane	J.Brownley Secretary	9f
TR45/04.03.03.32R2	TIA TR-45 Process for Balloting 3GPP2 Specifications	S.Hoyler TIA Liaison	9e

6. The meeting report of March 3-4, 2004 numbered TR45/04.06.02.02 was reviewed. A motion was made and passed with no objections to approve the meeting report with the following modification.

Change "B. Brye" to "B.Bonner" in page 1, Quorum List, Members Present

Minutes of the April 6, 2004 conference call were captured in contribution TR45/04.06.02.03. The contribution was accepted. It was noted that quorum was not established; hence the meeting proceeded in an ad-hoc manner. Since quorum was not met, member companies' quorum status remained the same per the TIA Engineering Manual.

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

- **Documents .04** - The correspondence was provided for information.

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

   a. **TR-45.1 Subcommittee** – Copies of TR-45.1 editable source documents are still needed to close out a couple of open TR-45.1 issues.

   b. **TR-45.2 Subcommittee –** L.Young provided Document .05 as the written report. TR-45.2 was thanked for the presentations provided to TR-45 given at the GSC-9 meeting in Seoul, S.Korea.

c. **TR-45.3 Subcommittee** – P.Musgrove provided Document .06 as the written report. It was emphasized that TR-45.3 has worked hard to complete the TDMA-SC update material for M.1457-4 for submission to the ITU-R WP 8F in June 2004. The long hours committed by TIA Staff in the preparation of the update materials was acknowledged and appreciated. Document .32R1 as it relates to the TDMA-SC update was provided for information.

d. **TR-45.4 Subcommittee** – G.Turnipseed provided Document .07 as the written report. A review of current projects as well as anticipated work for the next quarter was reported.

e. **TR-45.5 Subcommittee** – J.Alphonse provided Document .08 as the written report. Once again, the long hours committed by TIA Staff (in particular, D.Bart and S.Montgomery) in the preparations of CDMA-MC update materials for the ITU-R WP 8F M.1457-4 was acknowledged and appreciated. Documents .32R1 and .38 as they relate to the CDMA-MC updates were provided for information. It was noted that TR-45.5 plans also to provide an update relative to the ITU-R M.1073 recommendation.

f. **TR-45.6 Subcommittee** – P.Yegani provided Document .09 as the written report. It was noted that TR-45.6 continues to work on the next revision of the cdma2000® Wireless IP Network Standard (TIA-835-D). Among the other activities in TR-45.6, work continues on LAES for VoP (J-STD-025-C) as well as the addendum to TIA –835-B-1.

g. **Ad Hoc Authentication Group (AHAG)** – F.Quick provided Document .10 as the written report. It was agreed that the AHAG would request a PN on behalf of TR-45 to transpose the 3GPP2 publication S.R0083. TR-45 agreed to the AHAG request to establish a liaison with the OMA security group. The AHAG agreed to work with the 3GPP2 Secretariat to investigate reinstatement of S.S0055 to the 3GPP2 web site.

h. **AHG on Electronic Media Documentation (AHEM) –** P.Nurse provided Document .14 as the written report. Three companies supported the work item related to electronic sign-in; Qualcomm, Cisco, and Lucent. The AHEM agreed to investigate what it would take to implement the electronic sign-in and report back at the next TR-45 meeting in September 2004. It was agreed that the AHEM would ask TIA to install the 3GPP2 web-based calendar software on the TIA web site for evaluation against the TR-45 requirements.

The Committee recessed for a break at 2:45 PM and reconvened at 3:05 PM.

i. **AHG on UIM/ESN/MEID –** G.Pellegrino provided Document .11 with attachments .11a through .11e as the written report. TR-45 agreed to request that TIA work with the CDG, 3G Americas, and perhaps others to initiate a technology neutral joint press release to raise MEID visibility, awareness, and progress. It was suggested that the press release be issued at completion of TR-45 MEID standards development, targeted for 4Q04, so that the actual standards could be cited.
   - Document .11a provided proposed correspondence to 3GPP2 TSG-S relative to UIM dependency on ESN to include multi-mode clarification and editorial updates. It was decided to make modifications to the correspondence and discuss further under the new business agenda item 10b.
   - Document .11b provided the proposed version 1.1 of the MEID GHA Assignment Guidelines and Procedures. Without objection, TR-45 endorsed the updated version 1.1 of the Guidelines. In addition, TR-45 agreed and supported without objection the AHG request to send a joint ESN Administrator and MEID Administrator co-authored letter to set manufacturers to provide MEID guidelines and information on usage with test mobile.
   - Document .11c regarding ESN migration to MEID milestones and timeline was remanded to the Subcommittees and LAES AHG and AHAG for review and to provide any updated information directly to the AHG.
   - Document .11d regarding the AHG scope and charter was deferred until under agenda item 9h.
   - Document .11e regarding FAQ for ESN transition from ESN to MEID and UIM was provided for information.

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ESN Administration – J.Derr presented Document .12 as the written report. It was stressed that given the present rate of assignment and normal fluctuation, there would be no more than two years lead-time to implement a process to succeed the present 32-bit ESN.

j. **AHG on LAES** – On behalf of T.Brooks, G.Pellegrino provided Document .13 with attachments .13a and .13b as the written report. Document .13 was provided for information. Document .13a provided the AHG scope and charter that was addressed under agenda item 9h. Documents .13b (the same correspondence as .37), .27, and .28 were provided for information. Version 0.4 (for publication as Version 1.0) of the TIA OID Guidelines provided in Document .33 was approved by TR-45 without objection. In addition, TR-45 agreed that the AHG would contact TIA to post the publication Version 1.0 of the OID Guidelines on the TIA web site. Document .39 was provided for information. Regarding Document .39, CIU objected to the title on the TR-45 correspondence cover page. The TR-45 Secretary agreed to update the cover page and re-post the contribution as .39R1. It was noted by CIU that the correspondence provided in .39a speaks for itself. The TR-45 Chair noted that Document .39R1 was provide for information and that the Chair and TIA would be addressing a formal response.

k. **TR-45 Network Architecture Group (NAG)** – There was no report. The NAG remains dormant.

l. **TR-45 Standards Development Program Report** – J.Alphonse provided Document .15 as the program report. It was noted that plans are to add the TIA PN and 3GPP2 TSG equivalent numbers to the program report. In addition, plans are to have the Subcommittee and AHG Chairs meet prior to each TR-45 meeting to update the program report.

The Committee recessed at 5:00 PM Local Time on Wednesday June 2, 2004 and re-convened at 08:05 AM Local Time on Thursday June 3, 2004.

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

a. **Usage of the Terms ANS/TIA/EIA in Document Titles**
Once again, the concern was raised regarding updates to multiple part documents such that some parts would not be updated and would retain the EIA while other updated parts would remove the EIA. In addition, concern was once again raised regarding the impact to global references to TIA documents such as in the ITU. Furthermore, TR-45.3 expressed strong displeasure that document title changes made to some of the multi-parts of the 136 standard have broken references as well as resulted in inconsistencies within the documents themselves that would require extensive editing of the content of numerous documents. TR-45 recommended to TIA that no name changes be made to documents being reaffirmed and that the formulating groups initiate the ballots for reaffirmations. As a near-term remedy, it was suggested that a document be created by TIA as an index to cross-reference the old (TIA/EIA) to new (TIA) document names. Going forward, the TR-45 Subcommittee Chairs agreed to work on a more comprehensive transition plan.

b. **TR-45.6 Comments on ITU-T SSG Draft Recommendation Q.SNFB**
Document TR45/03.09.03.25 was provided for information. It was reported that TR-45.6 reviewed the recommendation and had no comments.

c. **cdma2000® trademark usage**
Document .24 was provided for information for clarification.

d. **TIA Addenda**
TIA requested that this agenda item be carried forward to the next TR-45 in September 2004.

e. **3GPP2 Publication Process Relationship to TR-45**
Documents TR45/03.12.03.42 and TR45/04.03.03.32R2 were provided for information. Document .40R1 was remanded to the Subcommittees and AHGs for information and to take action as appropriate relative to the TIA standardization of 3GPP2 publications. It was noted that the guidelines in .40R1 are consistent with the TIA Engineering Manual. TR-45 agreed to recommend to the TIA Technical

Committee that the guidelines in .40R1 be considered for inclusion as an Annex to the TIA Engineering Manual.

f. **ITU-T Q18/4 OAM&P Security Requirements for Management Plane**
Documents TR45/04.06.02.29 and TR45/04.03.03.16 were provided for information.

g. **Jurisdiction Information Parameter (JIP) in NIIF Reference Document**
Documents TR45/04.03.03.26 and TR45/04.06.02.26R1 were provided for information. TR45.2 agreed to send correspondence to the NIIF to invite the NIIF to an appropriate TR-45.2 meeting to discuss the JIP.

h. **Revised Committee, Subcommittee, and Ad-Hoc Group Scopes and Charters**
Document .43R1 was remanded to the Subcommittees and AHGs for information as the TR-45 approved revised scopes and charters. It was noted that there were minimal changes to the scopes and charters in light of the fact that the existing scopes and charters were broad enough and comprehensive enough to include work such as NGN and work with external fora such as 3GPP2. In addition, it was noted that the sub-groups exist at the pleasure of the parent Committee and that subgroups do not have complete control to set their own scopes and charters. The subgroups may request clarification from the committee, but the role of the subgroup is established by its parent. A subgroup cannot change its scope and charters once established (e.g., a subgroup established to look at all-IP networks can not change its scope and charter to examine recipes for bran muffins.)

Nextel took issue with the LAES scope and charter as provided in .43R1 and indicated that the LAES group planned to review its scope and charter the week of 7 June 2004 in Philadelphia. Document .47 was provided for information and was remanded to the LAES AHG. It was noted that if the LAES Ad-Hoc group has comments, they were welcomed to bring them into the next TR-45 meeting in September 2004.

i. **Gaining and Losing Voting Rights at TIA TR-45 Meetings**
Document. 41 was remanded to the Subcommittees for information to take action as appropriate. It was stressed that .41 is consistent with the TIA Engineering Manual.

j. **Status of PN-3610-RV2 (TSB-70A)**
TIA asked TR-45 whether to withdraw the TR-45.1 TSB-70A since the document IS-94 that references TSB-70A has been withdrawn. Once a copy of TSB-70A is provided by TIA, TR-45 plans to distribute it to the membership for review for consideration for withdrawal.

k. **TIA Distribution of 3GPP2 TSG-S WG-4 Security Documents to TR-45**
TR45/04.06.02.42 was provided for information. A respond from TIA is anticipated.

l. **TR-45 Leadership Elections Required in 2004**
It was re-iterated that Committee and Subcommittees were directed to hold leadership elections in 2004 as listed in the table below. TR45.2 and TR45.6 were requested to hold leadership elections prior to the September 2004 meeting of Committee TR-45.

Group	Position
Committee TR-45	Chair
Subcommittee TR-45.2	Chair
Subcommittee TR-45.2	Vice-Chair
Subcommittee TR-45.6	Chair
Subcommittee TR-45.6	Vice-Chair

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

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

a.   **GSC-9 Meeting Outcome Regarding NGN and Other Topics**
Documents .35, .36, and .23 were provided for information. TR-45 thanked TR-45.2 and the AHAG for developing presentations for TR-45 to give at the Global Standards Collaboration (GSC-9) meeting held in Seoul, S. Korea 9-14 May 2004. Regarding NGN, attention was drawn to the newly established ITU-T Focus Group on Next Generation Networks (NGN.) It was agreed that TR-45 would form an AHG that would identify and address TR-45 issues, objectives, coordination, and recommendation relative to NGN. TR-45 would draft correspondence to TIA Technical Committee to indicate the TR-45 interest in the work on NGN. G.Patel was appointed as the convener of the newly formed AHG on NGN to work toward defining its scope and charter. TIA was requested to establish a new e-mail reflector for the AHG. It was suggested that the AHG meet for a half-day co-located with the September 2004 meeting of TR-45. It was mentioned that TR-45.6 anticipated working with TR-45.2 to prepare a contribution for submission into the ITU-T NGN FG before the June 18, 2004 deadline. It was noted that the final GSC-9 resolutions are available on the TTA website at http://www.tta.or.kr/gsc/Resolution.jsp.

b.   **Shifting UIM Dependencies**
Document .11aR1 was accepted as outgoing TR-45 correspondence to 3GPP2 regarding shifting UIM dependencies with the March 11, 2004 letter addressed to Henry Cuschieri, the 3GPP2 and UIM Administrator, in Document .25 attached.

c.   **ITU-T SSG Q.1742.2 Publication Status**
Document .30 was remanded to the Subcommittees and AHGs involved in the transposition of 3GPP2 specifications to TIA standards to provide the cross-reference information requested in Document .30 to TR-45. It was suggested that a more formal process be established similar to the TIA TR-45 interaction with the ITU-R WP8F. TR-45 plans to contact TIA (D.Bart) to explore the need for a more formal process to share the requested cross-reference information to the ITU-T SSG.

d.   **TSB-84-A on PCS-to-PCS Interference**
T1P1.2 contacted the TR-45 Chair with an inquiry on the state of TSB-84-A. T1P1.2 maybe interested in using source material from that document and there was a question relative to copyright release for TSB-84-A. It was noted that T1P1 did not request that the standard be re-activated. Though originally created in TR-46, it was noted that TSB-84-A was withdrawn by TR-45 in 2003. TR-45 plans to contact T1P1.2 to determine if there are any impacts on technologies worked in TR-45 relative to the interference work in T1P1.2.

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

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

b.   **ITU-T** – On behalf of D.Thompson, C.Blum noted Document .17R1 as the written report for information.

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

d.   **CITEL** – There was no report.

e.   **Wireless Communications Division (WCD) –** J.Derr, on behalf of B.Belt presented Document .19 as the written report. On overview of the TIA filings to the FCC was provided. It was also noted that the next WCD meeting would be co-located with the TR-45 meeting in September 2004. TIA took an action item to investigate any NPRM comments associated with interference with signals due to power lines and provide it to R.Kemper of CTIA.

f.   **Technical Regulatory Issues Committee (TRIC) –** J.Derr, on behalf of B.Belt presented Document .20 as the written report.

g. **TIA –** S.Montgomery, on behalf of S.Hoyler provided Document .21, as the written report. It was reported that TIA has instituted digital rights management (DRM) on all published documents effective August 1, 2004. TIA leadership training is scheduled for Tuesday August 31, 2004 for all Engineering Committee leadership at TIA HQs. It was noted that Billie Zidek-Connor, the TIA Standards Secretariat, left TIA to pursue other career opportunities. Nevertheless, she is on retainer to TIA until the position is filled and her e-mail address is still functioning, and can be used to send normal correspondence (meeting notices, meeting reports) and forms (documents for publication, etc.). To speak to TIA staff, all were encouraged to contact either Susan Hoyler or Stephanie Montgomery. The next GSC meeting (GSC-10) would be hosted by ETSI and was scheduled from 28 August to 1 September 2005 in Sophia-Antipolis, France.

Document .45 generated strong reactions. A TIA survey had been taken regarding the TR-45 selected location for the December 2004 meeting. The distribution list of the survey was questioned since not all of the TR-45 Subcommittee Chairs received a copy. Considering that the decision was made by the attendees at the previous TR-45 meeting in March 2004 and re-affirmed at this TR-45 meeting, it was agreed that the December 2004 meeting of TR-45 would be held in Hawaii with the meeting changed to Thursday and Friday with the same format. TIA was requested to provide notification within two weeks of the hotel information.

Documents .34R1, .31 and .44 were provided for information.

h. **3GPP2 –** G.Flynn agreed to provide Document .22, the written report, to the TR-45 Secretary to post to the TIA TR45MAIN ftpsite.

i. **3GPP –** P.Musgrove provided Document .46 as the written report for information.

j. **ATIS –** There was no report. Nevertheless, it was reported that Committee T1 was disbanded. The T1P1 subgroups are now Subcommittees. J.Ragsdale of Ericsson was elected Chair T1P1.2 and B.Bonner of Motorola was elected Chair T1P1.5.

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

1. It was agreed that the AHAG would request a PN on behalf of TR-45 to transpose the 3GPP2 publication S.R0083.

2. AHAG agreed to work with the 3GPP2 Secretariat to investigate reinstatement of S.S0055 to the 3GPP2 web site.

3. The AHEM agreed to investigate what it would take to implement the electronic sign-in and report back at the next TR-45 meeting in September 2004.

4. It was agreed that the AHEM would ask TIA to install the 3GPP2 web-based calendar software on the TIA web site for evaluation against the TR-45 requirements.

5. TR-45 agreed to request that TIA work with the CDG, 3G Americas, and perhaps others to initiate a technology neutral joint press release to raise MEID visibility, awareness, and progress. It was suggested that the press release be issued at the completion of the TR-45 MEID standards development (targeted for 4Q04) so that the actual standards could be cited.

6. The AHG to send correspondence to set manufactures co-authored from the ESN Administrator and MEID Administrator to provide MEID guidelines and information on usage with test mobile.

7. Document .11c regarding ESN migration to MEID milestones and timeline was remanded to the Subcommittees and LAES AHG and AHAG for review and to provide any updated information directly to the AHG.

8. AHG to contact TIA to post the publication Version 1.0 of the OID Guidelines on the TIA web site.

9. As a near-term remedy, it was suggested that a document be created by TIA as an index to cross-reference the old (TIA/EIA) to new (TIA) document names. Going forward, the TR-45 Subcommittee Chairs agreed to work on a more comprehensive transition plan.

10. Document .40R1 was remanded to the Subcommittees and AHGs for information and to take action as appropriate relative to the TIA standardization of 3GPP2 publications.

11. TR-45 agreed to recommend to the TIA TC that the guidelines in .40R1 be considered for inclusion as an Annex to the TIA Engineering Manual.

12. TR-45.2 agreed to send correspondence to NIIF to invite the NIIF to an appropriate TR-45.2 meeting to discuss the JIP.

13. Document .43R1 was remanded to the Subcommittees and AHGs for information as the TR-45 approved revised scopes and charters.

14. Document .47 was provided for information and was remanded to the LAES AHG.

15. Document .41 was remanded to the Subcommittees for information to take action as appropriate.

16. Once a copy of TSB-70A is provided by TIA, TR-45 plans to distribute the document to the membership for review for consideration for withdrawal.

17. TR-45.2 and TR-45.6 were requested to hold leadership elections prior to the September 2004 meeting of Committee TR-45.

18. It was agreed that TR-45 would form an Ad-Hoc Group that would identify and address TR-45 issues, objectives, coordination, and recommendation relative to NGN.

19. TR-45 would draft correspondence to the TIA Technical Committee to indicate the TR-45 interest in the work on NGN.

20. TIA was requested to establish a new e-mail reflector for the AHG on NGN.

21. Document .11aR1 was accepted as outgoing TR-45 correspondence to 3GPP2 regarding shifting UIM dependencies with the March 11, 2004 letter addressed to Henry Cuschieri (the 3GPP2 and UIM Administrator) in Document .25 attached.

22. Document .30 was remanded to the Subcommittees and AHGs involved in the transposition of 3GPP2 specifications to TIA standards to provide the cross-reference information requested in Document .30 to TR-45. TR-45 to contact TIA (D.Bart) to explore the need for a more formal process to share the requested cross-reference information to the ITU-T SSG.

23. TR-45 plans to contact T1P1.2 to investigate the potential impacts on technologies worked in TR-45 related to the interference work in T1P1.2.

24. TIA took an action item to investigate any NPRM comments associated with interference with signals due to power lines and provide it to R.Kemper of CTIA.

25. TIA was requested to provide notification within two weeks (by June 18, 2004) of the hotel information for the TR-45 meeting in December 2004 in Hawaii.

26. The TR-45 Secretary took an action item to post the 2005 schedule meeting dates which will be the first Wednesday and Thursday of March, June, September, and December (unless there is a conflict with a major U.S. holiday.)

13. Review Meeting Schedules, continued

    a. **TR-45 2004 Schedule** – Document .45 related to the selection of the location for the December 2004 was addressed previously under agenda item 11g. The TR-45 Secretary took an action item to post the 2005 schedule meeting dates which will be the first Wednesday and Thursday of March, June, September, and December (unless there is a conflict with a major U.S. holiday.)

    b. **Subcommittees and AHG 2004 Schedules** - Documents .05, .06, .07, .08, and .09 were provided for information. The Subcommittees and AHGs were encouraged to generate their 2005 meeting schedules.

14. Open Discussion

    There were no items for open discussion.

15. 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 12:30 AM local time June 3, 2004.

        Cheryl J. Blum
        Chair
        Engineering Committee TR-45

        Jane C. Brownley
        Secretary
        Engineering Committee TR-45