

**Telecommunications Industry Association  
TR45 Committee  
Mobile & Personal Communications Standards (TR45)  
Report of Meeting  
August 30 -31, 2000  
Sheraton Fisherman's Wharf, San Francisco, CA**

**Quorum List, Members Present**

Member	Representative	Attendance	
		Last	Prior
1. 3Com Corporation	E. Campbell	X	
2. Alps Electric	R. Miyano	X	X
3. AT&T Wireless Services	P. Musgrove	X	X
4. Bell South Cellular	T. Richter	X	X
5. CDMA Development Group	S. Samra	X	
6. CRAG	J. Willse	X	X
7. Ericsson	B. Slocum	X	X
8. InterDigital Communications, Corp.	B. Kiernan	X	
9. Lucent Technologies, Inc.	J. Marinho	X	X
10. Motorola, Inc.	J. Kay	X	X
11. NEC America, Inc.	S. Jones	X	X
12. Nokia Mobile Phones	S. Willhoff	X	X
13. Nortel Networks	L. Morales	X	X
14. Oki Network Technologies	C. Barber	X	X
15. Philips Consumer Communications	Y. Guo	X	
16. QualComm	F. Quick	X	X
17. Rogers Wireless, Inc.	P. Oldfield	X	X
18. Siemens Telecom Networks (STN)	B. Krehl	X	
19. SBC Technology Resources, Inc.	T. Watts	X	X
20. Sprint PCS	R. Ferguson	X	
21. Telcordia Technologies	A. Thaper	X	X
22. Universal Wireless Communications	L. Nikkari	X	X
23. Version Wireless	C. Carroll	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. AirCell	D. McKenna		X
2. Bell Mobility	C. Vinodrai		X
3. Compaq Telecom	S. Lim	X	
4. Fujitsu	B. Plunkett		X
5. Panasonic	S. McConoughey	X	X
6. Toshiba	S. Sheldon		X

7. U.S. Cellular	P. Yung		X
8. US West	J. Gately	X	
9. Vodafone-Airtouch	A. Gogic		X

### Others Present

Member	Representative
1. Alps Electric	S. Matsuta
2. ATIS	E. Hall
3. Bell South Cellular	A. Thomas
4. CTIA	K. Condello
5. Lucent Technologies, Inc.	C. Blum
6. Lucent Technologies, Inc.	J. Brownley
7. Lucent Technologies, Inc.	T. Jacobson
8. Lucent Technologies, Inc.	B. Kidwell
9. Lucent Technologies, Inc.	P. Nurse
10. Lucent Technologies, Inc.	F. O'Brien
11. Motorola	S. Droste
12. TIA	H. Cuschieri
13. TIA	B. Zidek-Conner
14. U.S. Department of Defense	B. Choi
15. U.S. Wireless	H. Newlin

[Note: The number/letters associated with the sections/paragraphs are related to the agenda item number/letter and the order in which they were addressed during the meeting.]

- The TR45 Committee was convened on August 30, 2000, at the Sheraton Fisherman's Wharf, San Francisco, CA at 9:05 AM local time.
  - J.Marinho/Chair TR45 called the meeting to order and welcomed the membership to San Francisco, CA. J.Marinho announced his intention to retire as the TR45 Chair and expressed gratitude to the TR45 membership for its efforts and support over the years. It was noted that the process to identify a new Chair pursuant to the TIA Advisory #14 would be addressed under agenda item 11a. A warm welcome was extended to Kathryn Condello, the new CTIA Liaison to TR45. In addition, Ed Hall, ATIS, was welcomed to the meeting at the invitation of the TR45 Chair.
- Meeting attendance was recorded as indicated by the above list and quorum was established.
- The attached meeting agenda was reviewed and approved.
- Regarding the Early Disclosure of Essential Patents, the Chair made the required Advisory Note #11C statement relative to the TIA IPR Policy. There were no comments from the meeting attendees.
- Relative to contributions, the following documents were numbered and assigned accordingly.

Number	Title	Source	Agenda Item
TR45/00.08.30.01	Meeting Agenda	J. A. Marinho Chair TR45	3
TR45/00.08.30.02	TR-45 Meeting Report of May 31- June 01, 2000	J. Brownley Secretary	6
TR45/00.08.30.03	TR-45 Committee Correspondence	J. Brownley Secretary	7, 11a
TR45/00.08.30.04	Report of TIA Subcommittee TR45.1 to TIA Committee TR45	J. Kay Chair TR45.1	9a, 13b

TR45/00.08.30.05	Subcommittee TR45.2 Report	C. Blum Chair TR45.2	9b,10a,9 h, 13b
TR45/00.08.30.06	Report of TR45.3 to TR45	P. Nurse Chair TR45.3	9c,13b
TR45/00.08.30.07	Engineering Subcommittee TR45.4 Report to TR45	S. Jones Chair TR45.4	9d, 13b
TR45/00.08.30.08	TR45.5 Report	J. Alphonse Chair TR45.5	9e, 13b
TR45/00.08.30.09	TR45.6 Report	M. Munson Chair TR45.6	9f, 13b
TR45/00.08.30.10	TR45.7 Activities Report	F. Stadler Vice-Chair TR45.7	9g, 13b
TR45/00.08.30.11	CTIA Liaison Report	K. Condello CTIA Liaison	8b
TR45/00.08.30.12	AHG on ISD Report	C. Blum Chair AHG on ISD	9k
TR45/00.08.30.13	ESN Administration Report	J. Willse ESN Administrator	9l
TR45/00.08.30.14	AHAG Report	C. Carroll Chair AHAG	9h, 10a
TR45/00.08.30.15	AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG) Report	B. Slocum Chair NAG	9i
TR45/00.08.30.15A	PN-4463 TR45 Wireless Network Reference Model (NRM)	B. Slocum Chair NAG	9i
TR45/00.08.30.16	AHG on UIM/ESN Report	T.Watts Chair AHG on UIM/ESN	9l
TR45/00.08.30.16A	ESN Guidelines Version 1.7	T.Watts Chair AHG on UIM/ESN	9l
TR45/00.08.30.17	ITU-T Liaison Report	C. Blum ITU-T Liaison	8f
TR45/00.08.30.18	ITU-R Liaison Report	M. Epstein ITU-R Liaison	8g
TR45/00.08.30.19	CITEL Liaison Report	G. Gardner CITEL Liaison	8h
TR45/00.08.30.20	3GPP2 Liaison Report	S.Dennett 3GPP2 Liaison	8k
TR45/00.08.30.21	ATIS Liaison Report	E. Hall ATIS Liaison	8m
TR45/00.08.30.22R1	TR45 Committee Correspondence Re: ITU-R IMT.RSPC Documents	J.Brownley Secretary	8g
TR45/00.08.30.23	TR45 Committee Correspondence Re: TR45 Contribution to RAST9	J.Brownley Secretary	8i
TR45/00.08.30.24	TR45 Committee Correspondence Re: Call Type Based Access	J.Brownley Secretary	9a
TR45/00.08.30.25	TR45 Committee Correspondence Re: GSM/ANSI95 Interoperability Team	J.Brownley Secretary	9b
TR45/00.08.30.26	TR45 Committee Correspondence Re: CTIA Network Management SRD	J.Brownley Secretary	9g
TR45/00.08.30.27	TR45 Committee Correspondence Re: Comments for ITU-T Q 24/4 Document	J.Brownley Secretary	9g
TR45/00.08.30.28	TR45 Committee Correspondence Re: TR45MAIN ftpsite Access	J.Brownley Secretary	9j

TR45/00.08.30.29	TR45 Electronic Document Coordination Process and Policy – Version 4.0 June 2000	J.Brownley Secretary	9j
TR45/00.08.30.30	TR45 Year 2000 Meeting Schedule	J.Brownley Secretary	13a
TR45/00.08.30.31	Report to TR45 of the 10-11 July 2000 TFES#2 Meeting in Paris, FR	J.Brownley Secretary	10c
TR45/00.08.30.31A	TFES#2 Meeting Documents	J.Brownley Secretary	10c
TR45/00.08.30.32	TR45 Committee Correspondence Re: TFES Meeting Invitations and Reports	J.Brownley Secretary	10c
TR45/00.08.30.33	TR45 Committee Correspondence Re: PLMN Search and Access Technology Lists	J.Brownley Secretary	9l
TR45/00.08.30.34	TR45 Committee Correspondence Re: IMEI	J.Brownley Secretary	9l
TR45/00.08.30.35	TR45 Committee Correspondence Re: AKA in 3GPP Specifications	J.Brownley Secretary	9h, 10a
TR45/00.08.30.36	TR45 Committee Correspondence Re: IMT-2000 Network Roadmap	J.Brownley Secretary	8f
TR45/00.08.30.37	FCC Liaison Report	S. McConoughey FCC&IEEE Liaison	8a
TR45/00.08.30.38	TR45 Committee Correspondence Re: International Roaming	J.Brownley Secretary	9b
TR45/00.08.30.39	CALEA Packet Surveillance JEM Report	P. Musgrove CPS JEM Chair	10b
TR45/00.08.30.40	TR45 Committee Correspondence Re: Technical Support for IMEI	J.Brownley Secretary	9l
TR45/00.08.30.41	WCD TIC Liaison Report to Committee TR45	B. Slocum TRIA Liaison	8i, 10c

6. The meeting report of May 31 – June 1, 2000 numbered TR45/00.08.30.02 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 30.03** - This was information for consideration regarding the resignation of the TR45.6, TR45.7, and TR45 Chairs.
8. In terms of Liaisons, the following was reported:
  - a. **FCC & IEEE** – Though not present, S.McConoughy provided Document 30.37 as the written report. The membership was directed to review the report. There were no comments or discussion.
  - b. **CTIA** - K.Condello provided Document 30.11 as the written report. It was reported that the two items of perhaps the most interest to TR45 were activities related to Wireless Number Portability (WNP) and CALEA. Carriers were encouraged to review the July 13, 2000 WNPS Report to the NANC on LNP Phase II. With respect to CALEA and TR45 efforts, CTIA put forth three recommendations as listed in Document 30.11 such as TR45 suspend ANSI publication of the punch list standard. Document 30.11 was remanded to TR45.2 particularly as it relates to the CALEA recommendations.
  - c. **T1S1, T1E1 & T1A1** – T.Watts indicated that there was no report.
  - d. **T1P1** – T.Watts indicated that there was no report.
  - e. **TR-46** - There was no TR-46 report. C.Wallace was not present.

- f. **ITU-T** – C.Blum provided Document 30.17 as the written report. Highlights mentioned included: (1) The upcoming Rapporteur's meeting September 11-14, 2000 in Schaumburg, IL; (2) The proposed formation of a new IMT-2000 Study Group for the 2001-2004 study period; and (3) Discussion of a proposal for the ITU-T to serve as the harmonizer for All-IP target network requirements and specifications. Document 30.36 was provided for information for consideration.

The Committee recessed for a break at 10:30 AM and reconvened at 11:00 AM.

- g. **ITU-R** – Though not present, M.Epstein provided Document 30.18 as the written report. It was noted that an ITU-R WP 8F meeting was held the week of August 21-25, 2000, in San Diego, CA. TR45 members that attended the 8F meeting were asked to provide comments. It was noted that the ITU-R issued Circular Letters that required action by the SDOs relative to IMT-2000. Courtesy copies of the Circular Letters were distributed for information. Document 30.22R1 was provided for information.
- h. **CITEL** – B. Slocum, on behalf of G. Gardner, presented Document 30.19 as the written report. Attention was drawn to the table of resolutions, recommendations, and decisions made at the last PCC.I meeting as well as the seminar on IMT-2000 coordinated by the ITU held August 28-September 1, 2000 at the PCC.III meeting in Caracas, Venezuela.
- i. **Public 800 Section** –
  - **WCD, TSSC, TC** – It was noted that the next meetings of the TIA Wireless Communications Division (WCD) and Technical Committee (TC) would be held on September 7, 2000 in Rosemont, IL. Document 30.23 as provided for information. Regarding the new or re-activated TIA groups listed on the agenda, it was agreed that there was no need for further action to be taken by Committee TR45.
  - **WCD Technical Regulatory Issues Committee (TRIC)** – B.Slocum provided Document 30.41 as the written report. It was noted that the proposed TRIC Scope and Charter would be submitted for approval at the next WCD meeting. Clarification was requested on the item addressing smart antennas as it relates to software defined radios. Regarding the EU R&TTE Directive, the TRIC indicated that no action was required by the TRIC and that TRIC members should provide input directly to ETSI. TR45 suggested that going forward any technical documents submitted by TR45.3 and TR45.5 into ETSI relative to the R&TTE Directive be copied to the TRIC.
- j. **TIA** – B.Zidek-Conner provided a verbal report. It was reported that the TIA Engineering Manual was out for 30-day ballot to TIA Technical Committee (TC) member companies with ballot comments due to TIA by September 6, 2000. It was noted that some new forms (e.g. PINS) had been generated and distributed to the TR45 Subcommittee Chairs and were available on the TIA website. Planned for next year are training classes for standard document editors. TIA is seeking feedback from members on the preferred media for published standards documents such as paper or electronic (e.g., CD-ROM).
- k. **3GPP2** – J.Kay, on behalf of S.Dennett, presented Document 30.20 as the written report. It was reported that the Mobile Wireless Internet Forum (MWIF) joined 3GPP2 as a Market Representation Partner (MRP). In addition, it was noted that the 3GPP2 TSG-S Terms of Reference were expanded to include OAM&P.
- l. **3GPP** – L.Nikkari provided a verbal report. It was reported that 3GPP at its meeting July 18-19, 2000 in Beijing, China, extended its scope to include GSM evolution and created the new TSG GERAN (GSM/EDGE Radio Access Network). The July 19, 2000 3GPP Press Release was provided FYI. It was suggested that TR45.3 coordination and collaboration with 3GPP GERAN be addressed, especially on technical issues to avoid potential disconnects. It was decided that at the next meeting of TR45 November 30-31, 2000 in Atlanta, GA an agenda item would be placed under old business on the relationship between TIA and 3GPP.

The Committee recessed for a break at 10:45 AM and reconvened at 11:00 AM.

m. **Other(s)**

- **ATIS** – E.Hall provided Document 30.21 as the written report. An overview of ATIS was provided. It was noted that ATIS is not limited to wireline telecommunications. The new ATIS Incubator Solutions Program was described. TR45 was encouraged to take the program under consideration. It was reported that ATIS is sponsoring and providing Secretariat support for IFAST as of August 1, 2000. In addition, the upcoming CALEA Legal Summit, hosted by ATIS, would be held September 14, 2000, in Washington, D.C. Going forward, an ATIS Liaison Report to TR45 will be included on the TR45 agenda with E.Hall as Liaison.

## 9. The following Subcommittee and ad hoc group reports were provided:

- a. **TR45.1 Subcommittee** - J. Kay provided Document 30.04 as the written report. It was reported that TIA/EIA/IS-817, Location on Analog, was forwarded to TIA for publication. Addenda to that standard are being addressed and encouraged. It was noted that work on the 2.5mm jack for TDD/TTY standard was coming to conclusion. In addition, the cut-off for technical contributions to TIA/EIA-553-B was extended to February 2001. Correspondence from TR45.1 to TR45 relative to IMEI (Document 30.04A) indicated that the signaling changes necessary to support IMEI on the analog air interface would be significant. Document 30.24 was provided for information.
- b. **TR45.2 Subcommittee** – C. Blum provided Document 30.05 as the written report. Attention was drawn to the TR45.2 work on the ANSI ballot of ANS-41-E anticipated for December 2000. Regarding CDMA Packet Data Services, Phase 1 is scheduled for ballot in November 2000 and Phase 2 is scheduled for ballot in December 2000. Regarding IMEI, it was noted that TR45.2 continues to evaluate the technical support for IMEI. It was reported that a proposed mechanism to protect against rogue MS shells was agreed to in principle by TR45.2. As it relates to the recommendations for joint AKA control, Document 30.05 was remanded to TR45.3, TR45.5, TR45.AHAG, and 3GPP S3 for review and comments back to TR45 and TR45.2/AHAG with the expectation of reaching an overall consensus at the next TR45 meeting in November in Atlanta. The recommendation comments will be covered under old business relative to the relationship between TIA and 3GPP. In addition, the appointment of a representative to 3GPP S3 will be an agenda item at the November TR45 meeting. Documents 30.25 and 30.38 were provided for information.

The Committee recessed for lunch at 12:00 PM and reconvened at 1:30 PM.

- c. **TR45.3 Subcommittee** – P. Nurse provided Document 30.06 as the written report. It was requested that all Subcommittees be prepared to share their year 2001 work plans at the next TR45 meeting in November. TR45.3 indicated that planning for the next revision of TIA/EIA-136 would occur at its next meeting in Asheville, NC. It was noted that a series of Revision B and Revision C documents were recommended for ANSI public review. In addition, it was reported that TR45.3 provided updates for the year 2000 RSPC revision to the *“Recommendation ITU-R M.1457 Detailed Specification of the Radio Interfaces of IMT-2000.”*
- d. **TR45.4 Subcommittee** – S. S. Jones provided Documents 30.07 as the written report. It was noted that the TFO TDMA Task Group would meet with TR45.3 at its next meeting in Asheville, NC. The TR45.4 relationships with MWIF and 3GPP2 relative to All-IP activities were discussed. It was reported that TR45.4 plans to designate a liaison to MWIF.
- e. **TR45.5 Subcommittee** – F.O’Brien, on behalf of J. Alphonse, presented Document 30.08 as the written report. It was reported that review of the IMEI recommendation was still in process. It was reported that five standards were published since the last TR45 meeting with many standards still in progress. In addition, TR45.5 indicated that it supports the ITU-R WP 8F efforts to maintain and update RSPC on an annual basis. TR45.5 plans to provide updated materials to the ITU-R M.1457 document for the year 2000 revision by the October 13, 2000 deadline.

- f. **TR45.6 Subcommittee** – E. Campbell, provided Document 30.09 as the written report. It was reported that Mark Munson resigned from the position of TR45.6 Chair. E.Campbell, TR45.6 Vice-Chair, has assumed leadership pending the appointment on a new TR45.6 Chair. It was noted that TR45.6 is pursuing ANSI ballot for IS-732 (CDPD). Work continues on the Wireless IP Network Standards and the Wireless IP Architecture Based on IETF Protocols. Concern was raised as to whether these standard documents were technology specific and if so it was suggested that the names reflect the technology to avoid internal and external confusion.
- g. **TR45.7 Subcommittee** – J.Marinho, on behalf of F.Stradler, presented Document 30.10 as the written report. It was noted that Thad Kobylarz resigned as TR45.7 Chair. As TR45.7 Vice-Chair, F.Stadler was charged with facilitating the closure of the open TR45.7 work items such as PN-4108. Regarding the CTIA SRD on Network Management, it was stated that CTIA looked to the carriers for guidance and none was forthcoming. Thus, CTIA was not in the position to suggest that work on the SRD on Network go forward. At was agreed that at the next meeting of TR45 in November in Atlanta that the future direction of TR45.7 would be addressed. The current plan of action is to narrow the scope of TR45.7 to finishing up its work on PN-4108. Documents 30.26 and 30.27 were provided as information for consideration.
- h. **Ad Hoc Authentication Group (AHAG)** – C. Carroll provided Document 30.14 as the written report. Documents 30.05 and 30.35 were referenced for information. The recommendations for joint AKA control in Document 03.14 were discussed. It was noted that plans are to share these recommendations for review and comments from 3GPP S3 at the next joint meeting September 12, 2000 in Washington, DC. The AHAG and TR45.2 will work together to ensure that a consistent set of recommendations are provided to TR45.5 and TR45.3 for review. As it relates to proposed meetings every six months, it was noted that the language in Document 30.14 reflects the correct text. Regarding identifying an AHAG representative to the 3GPP S3, the AHAG was directed to identify someone at the next TR45 meeting in November in Atlanta as well as recommend a structure for the relationship between TR45 and 3GPP S3. During a conference call scheduled for September 6, plans are to correct the Section numbers in the Liaison Statement from 3GPP SA-3 in Document 30.35. There was no objection to the request from TR45.5 that the AHAG look at AES (Advanced Encryption System) and come back with recommendations.
- i. **AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG)** - B. Slocum provided Document 30.15 as the written report. Updates to TSB100 Revision A were completed. The latest version of TSB100-A (Document 30.15A) was remand to all Subcommittees for review and comments back to the TR45.NAG by the end of October 2000. Plans are for submission to TR45 for approval for ballot of TSB-100 Revision A at the November TR-45 meeting in Atlanta, GA.
- j. **AHG on Electronic Media Documentation** – Documents 30.28 and 30.29 were provided by J.Brownley for information.
- k. **AHG on International Standards Development (ISD)** – B.Kidwell provided Document 30.12 as the written report. An updated version of the TR45 year 2000 work plan based on the Subcommittee reports to TR45 provided at this meeting will be made available on the TIA TR45MAIN ftpsite. All Subcommittees were once again asked to provide timely updates directly to B.Kidwell. TR45.6 and TR45.2 to work with B.Kidwell to ensure that the names of the standards reflect the appropriate technologies.
- **3G Standards Development Program Report** – Covered under agenda item 9k above.

1. **AHG on UIM/ESN** - T.Watts provided Document 30.16 as the written report. Regarding the IMEI recommendations, correspondence was received by the AHG on UIM/ESN from all Subcommittees. AHG still investigating the use of IMEI (International Mobile Equipment Identity). Regarding PLMN (Public Land Mobile Network) selection, it was noted that the ETSI Smart Card Platform (SCP) is seeking input from TR45.3 and TR45.5 and the SCP plans to correspondence directly to TR45.3 and TR45.5. TR45 gave the AHG the latitude to communicate directly with 3GPP and 3GPP2 provided that the AHG, at the next TR45 meeting in November in Atlanta, recommend a structure for on-going dialogue with 3GPP. Documents 30.33, 30.34, and 30.40 were provided as information for consideration.
  - **ESN Administration** – J.Willse provided Document 30.13 as the written report. Document 30.16A provided the ESN Guidelines Version 1.7 that reflects the updates to incorporate the 14 bit ESN Manufacture Codes distribution. At the next TR45 meeting a revised copy of the ESN Guidelines will be provided to incorporate the items discussed at this meeting such as clarification to the length of code in Section 5.4. Also at the next TR45 meeting, ESN exhaust will be added as an agenda item. Contributions were encouraged on ESN exhaust considerations.

The Committee recessed for a break at 3:05 PM and reconvened at 3:30 PM.

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

- a. **Recommendations for working with 3GPP S3 re: AKA** – The proposed guidelines for TR45 to work with 3GPP S3 on AKA-based ESA were previously discussed under agenda items 9b and 9h. Documents 30.05, 30.14 and 30.35 were referenced for information. To re-iterate the plan of action relative to the recommendations for joint AKA control, feedback and consensus to be sought on the guidelines and the broad topic of the relationship between TR45 and 3GPP will be on the agenda for the next TR45 meeting in November in Atlanta.
- b. **Final CALEA JEM Report** – Documents 30.39 was provided and contained the final CALEA Packet Surveillance JEM report as submitted to TIA. TIA is expected to use this report to create a white paper for submission to the FCC by September 30, 2000. The transmittal letter that accompanies the report was included in Document 30.39.
- c. **European Harmonised Standards in Support of the R&TTE Directive** – Documents 30.31 and 30.32 were provided for information for consideration. Documents 30.31 and 30.32 were remanded to Subcommittees TR45.3 and TR45.5 to review and take actions as appropriate.

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

- a. **Determine Candidates for Chair re: TR45.6, TR45.7, TR45** - Document 30.03 was referenced. TR45.6 to solicit candidates for the new TR45.6 Chair. The TR45.6 solicitation to be distributed to the entire TR45 membership. On the TR45 November meeting agenda there will be an item for the appointment of the new TR45.6 Chair. As indicated under agenda item 9g, the future direction of TR45.7 to be addressed at the next TR45 meeting in November.

Regarding the selection of a new TR45 Chair, TR45 to solicit candidates for the new TR45 Chair. All interested parties are requested to send letters of support for and commitment of the nominee to serve to D.Bart, TIA, J.Marinho, TR45 Chair, and J.Brownley, TR45 Secretary.

The TR45 Secretary will post the letters on the TIA TR45MAIN ftpsite as soon as available and no later than November 1, 2000. At the next TR45 meeting in November in Atlanta the selection process will take place with the outcome provided to the TIA Technical Committee Chair consistent with TIA Advisory Note #14, distributed for information to the TR45 meeting participants. It was noted that J.Marinho's retirement is coincident with the appointment of the new TR45 Chair. It was agreed that correspondence would be distributed to the entire TR45 membership that specifies a November 1, 2000 11:59 PM EST cut-off date and time for nominations for TR45 Chair. The selection process will be a simple plurality with the following provisions.



- In the event that there are more than three candidates, a vote would be taken to identify the top three candidates.
- In the event of three candidates, a vote would be taken of the three candidates and the winner would be determined by a simple plurality.
- In the event of a tie, there would be a run-off of the two candidates and the winner would be determined by a simple plurality.
- In the event that a tie persists, a coin would be flipped to determine the winner.

a. **Other** – None.

12. In review of assignments, they are identified per above.

13. Review Meeting Schedules

a. **TR45 2000 Schedule** – Documents 30.30 was provided for information.

b. **Subcommittees and AHG 2000 Schedules** - Documents 30.04, 30.05, 30.06, 30.07, 30.08, 30.09, and 30.10 were provided for information.

c. **TR45 2001 Schedule** - In light of the concern raised relative to ANSI ballots and ITU-R milestones targeted for the first week in June 2001, it was agreed to allow the Subcommittees to convene conference call meetings during the week of June 4, 2000 (in conflict with the Committee TR45 meeting) if need be, to meet commitments. Nevertheless, it was agreed to maintain the TR45 2001 schedule as is.

14. Regarding open discussion, J.Marinho shared a few parting words and TR45 members expressed their gratitude for J.Marinho's leadership.

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 4:35 PM local time August 30, 2000.

John Marinho  
Chair  
Engineering Committee TR45

Jane C. Brownley  
Secretary  
Engineering Committee TR45

**Organization:** ANSI Accredited Engineering Committee TR45  
**Mobile & Personal Communications Standards (TR45)**  
**Chair:** John A. Marinho  
Lucent Technologies, Bell Labs  
973-386-2886, Fax 973-386-3601  
**Date:** Wednesday, August 30 through Thursday, August 31, 2000  
**Time:** Convene at 9:00 AM Local Time  
Adjournment at approximately 5:00 PM Local Time  
**Location:** Sheraton Fisherman's Wharf  
2500 Mason Street  
San Francisco, CA 94133  
**Telephone:** 415-362-5500  
**Fax:** 415-956-5275  
**Rate:** \$149.00  
(Please refer to TIA and ID #TIH 20A when making individual reservations.)  
**Cut-off:** July 29, 2000  
**EDC Cut-off:** August 23, 2000 COB Local 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 (TR45/00.08.30.01)
4. Advisory Note #11C (see Note 3 below) re: Early Disclosure Policy
5. Introduction of Contributions & Numbering (Please see Note 2 below.)
6. Review of Meeting Report from Previous Meetings, Secretary (TR45/00.08.30.02)
7. Correspondence (TR45/00.08.30.03)
8. Liaison Reports
  - a. FCC & IEEE, S. McConoughey (TR45/00.08.30.37)
  - b. CTIA, K. Condello (TR45/00.08.30.11)
  - c. T1S1, T1E1 & T1A1, T. Watts
  - d. T1P1, T. Watts
  - e. TR46, C. Wallace
  - f. ITU-T, C. J. Blum (TR45/00.08.30.17), (TR45/00.08.30.36)
  - g. ITU-R, M. Epstein (TR45/00.08.30.18), (TR45/00.08.30.22R1)
  - h. CITEL, G. Gardner (TR45/00.08.30.19)
  - i. Public 800 Section, Chair
    - WCD, TSSC, TC, Chair (TR45/00.08.30.23)
      - Public Safety Partnership Project (PSPP)
      - Spectrum Management Committee
      - Ad Hoc Labeling Committee
    - WCD Technical Regulatory Issues Committee (TRIC), B. Slocum (TR45/00.08.30.41)
  - j. TIA, S. Hoyler

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.html](http://www.tiaonline.org/standards/sfg/edc_guidelines.html). 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, August 30 through Thursday, August 31, 2000  
Time: Convene at 9:00 AM Local Time  
Adjournment at approximately 5:00 PM Local Time

### AGENDA (cont'd)

- k. 3GPP2, S.Dennett (*TR45/00.08.30.20*)
- l. 3GPP, L.Nikkari
- m. Other(s)
  - ATIS, E.Hall (*TR45/00.08.30.21*)
- 9. Reports
  - a. TR45.1 Subcommittee, J.Kay (*TR45/00.08.30.04*), (*TR45/00.08.30.24*)
  - b. TR45.2 Subcommittee, C. J. Blum (*TR45/00.08.30.05*), (*TR45/00.08.30.25*), (*TR45/00.08.30.38*)
  - c. TR45.3 Subcommittee, P.W. Nurse (*TR45/00.08.30.06*)
  - d. TR45.4 Subcommittee, S.S. Jones (*TR45/00.08.30.07*)
  - e. TR45.5 Subcommittee, J. Alphonse (*TR45/00.08.30.08*)
  - f. TR45.6 Subcommittee, M. Munson (*TR45/00.08.30.09*)
  - g. TR45.7 Subcommittee, Vacant (*TR45/00.08.30.10*), (*TR45/00.08.30.26*), (*TR45/00.08.30.27*)
  - h. Ad Hoc on Authentication Group (AHAG), C. Carroll (*TR45/00.08.30.14*), (*TR45/00.08.30.35*), (*TR45/00.08.30.05*)
  - i. AHG on NRM, Acronyms & Definitions, Guide to Standards (NAG), B.Slocum (*TR45/00.08.30.15*)
  - j. AHG on Electronic Media Documentation, Vacant (*TR45/00.08.30.28*), (*TR45/00.08.30.29*)
  - k. AHG on International Standards Development (ISD), C.J.Blum (*TR45/00.08.30.12*)
    - 3G Standards Development Program Report, B.Kidwell
  - l. AHG on UIM/ESN, T.Watts (*TR45/00.08.30.16*), (*TR45/00.08.30.33*), (*TR45/00.08.30.34*), (*TR45/00.08.30.40*)
    - ESN Administrator Report, J.Willse (*TR45/00.08.30.13*), (*TR45/00.08.30.16A*)
- 10. Old Business
  - a. Recommendations for working with 3GPP S3 (*TR45/00.08.30.35*), (*TR45/00.08.30.05*), (*TR45/00.08.30.14*)
  - b. Final CALEA JEM Report (*TR45/00.08.30.39*)
  - c. European Harmonised Standards in Support of the R&TTE Directive (*TR45/00.08.30.31*), (*TR45/00.08.30.32*), (*TR45/00.08.30.41*)
- 11. New Business
  - a. Determine Candidates for Chair re: TR45.7, TR45.6, TR45 (*TR45/00.08.30.03*)
  - b. Other
- 12. Review Assignments
- 13. Review Meeting Schedules
  - a. TR45 2000 Schedule (*TR45/00.08.30.30*)
    - Nov 29-30 Atlanta, GA
  - b. Subcommittees and AHGs 2000 Schedules, (*TR45/00.08.30.04*), (*TR45/00.08.30.05*), (*TR45/00.08.30.06*), (*TR45/00.08.30.07*), (*TR45/00.08.30.08*), (*TR45/00.08.30.09*), (*TR45/00.08.30.10*)
  - c. TR45 2001 Schedule
    - Mar 7-8 Vancouver, BC, Canada
    - Jun 6-7 Chicago, IL
    - Sep 5-6 Boston, MA
    - Nov 28-29 Atlanta, GA

Note 3: TIA's patent policy can be found in Advisory Note 11C. Participants in the work of the TIA Formulating Group are urged to review this Advisory Note. Participants are encouraged to notify TIA of any patents of which they are aware that are related to the practice of a TIA publication early on in the development of the TIA document to reduce the possibility for delays in the development process and increase the likelihood that the draft TIA publication will be approved for publication. Patent searches are not required to comply with the TIA IPR policy. Moreover, the Engineering Manual describes the need for members' disclosure of patents that are essential to practice TIA publications and for members to provide an indication of their willingness to license any known patents.

Organization: ANSI Accredited Engineering Committee TR45  
Mobile & Personal Communications Standards (TR45)  
Date: Wednesday, August 30 through Thursday, August 31, 2000  
Time: Convene at 9:00 AM Local Time  
Adjournment at approximately 5:00 PM Local Time

**AGENDA (cont'd)**

- 14. Open Discussion
- 15. Adjournment

Note 3: TIA's patent policy can be found in Advisory Note 11C. Participants in the work of the TIA Formulating Group are urged to review this Advisory Note. Participants are encouraged to notify TIA of any patents of which they are aware that are related to the practice of a TIA publication early on in the development of the TIA document to reduce the possibility for delays in the development process and increase the likelihood that the draft TIA publication will be approved for publication. Patent searches are not required to comply with the TIA IPR policy. Moreover, the Engineering Manual describes the need for members' disclosure of patents that are essential to practice TIA publications and for members to provide an indication of their willingness to license any known patents.



BUILDING GLOBAL COMMUNICATIONS

## **Approved by General Counsel**

TR-45 Meeting Report

Date: 08/30-31/00

Location: San Francisco, CA

Approved: 09/21/00

**T# 5244**