



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-41 Meeting Report

Date: 08/12/04

Location: Washington, DC

Approved: 08/20/04

T# 8269

Telecommunications Industry Association
Standards and Technology Department

Engineering Committee TR-41
User Premises Telecommunications Requirements

Meeting Report

Chair: Stephen R. Whitesell
Vice-Chair: Roger W. Britt
Secretary: Harry A. Van Zandt

Date: August 12, 2004
Venue: Crowne Plaza Hotel
City: Washington, DC

1. Call to Order and Opening Business

a. Call to Order and Introductions

Chair Steve Whitesell called the meeting to order at 8:00 am, and the attendees introduced themselves.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 13 of 17 voting member companies represented. Since Sprint has been represented for the consecutive meetings, they gained voting rights after the determination of quorum and will be included in the quorum count for the next meeting.

1) Quorum Members or Alternates Present

Alcatel – François Pinier
Atlinks – Roger Hunt
AVAYA – Joanne McMillen
Cisco – Bob Bell
ECS – Harry Van Zandt
Littelfuse/Teccor – Phillip Havens
Mitel – Greg Slingerland

Plantronics – Allen Woo
Siemens – Tailey Tung
UL – Randy Ivans
Uniden – Al Baum
Tenovis – Joachim Pomy
VTech – Steve Whitesell

2) Quorum Members Absent

AST – James Bress
Nortel – Roger Britt

Telcordia – Chrys Chrysanthou
Wyle Labs – Jim Smith

3) Others Present

Industry Canada – Efrain Guevara
Industry Canada – Claude Beaudin
TIA Staff – Suzanne White
SBC – Chuck Bailey

Sprint – Amar Ray
Siemens – Dave VanderMeiden
TIA Staff – Stephanie Montgomery

c. Review and Approve Agenda (001)

The agenda was submitted for review and approved with the addition of a liaison report on T1A1 by Steve Whitesell as Item 4.c).

d. TIA Patent Policy

The Chair made the attendees aware of the following statement concerning TIA's Patent Policy and the desire for early disclosure of patents, the use of which may be essential to any standard or other document being developed for publication:

There is no objection in principle to drafting a TIA Publication in terms that may require the use of a patent. Participants in the work of the TR-41 are urged to review the Patent Policy in TIA's Engineering Manual. An electronic version of the Engineering Manual is available on TIA's website at www.tiaonline.org, or a copy may be obtained from the TIA Secretariat.

Individual participants are encouraged to notify TIA of any patents or pending patent applications that may be essential to the practice of a proposed TIA Publication. Such notification should be made early in the development process to reduce the possibility for delays and increase the likelihood that the proposed TIA Publication will be approved. The participant making such a disclosure will be requested to have his/her company submit a statement concerning its willingness to license the essential patents as set forth in Annex H to the Engineering Manual. The disclosure need not (but may) identify the specific patents or pending patent applications that may be essential to the practice of the proposed TIA Publication.

Patent searches are not required to comply with the TIA Patent Policy.

e. Chair's Remarks

No chair's remarks

f. TIA Staff Remarks

Locking documents to protect TIA copyright.

Now selling PN documents.

2. Previous Meeting Report (002)

The previous meeting report was reviewed and a change was made to include Tenovis as a quorum member. No other changes or modifications were made and the document was approved.

3. Subcommittee Reports and Requests

TR-41's subcommittees and working groups met at various times from Monday through Thursday.

a. TR-41.1 – Multiline Terminal Systems – Tailey Tung (008)

Subcommittee TR-41.1 met on Thursday, August 12, 2004.

Project Status: The following is a summary of the status of each project assigned to TR-41.1.

- PN-3-0099, Comparison of transmission requirements in standards ANSI/TIA-464-C and ETSI ES 201 168 V1.2.1 (to become TSB-147)

Current Status: TIA published TSB-147 in June 2004. Project closed.

Target Completion Date: Complete.

- PN-3-3673-AD1, Proposed Addendum to TIA-464-C Requirements for Private Branch Exchange (PBX) Switching Equipment (to become TIA-464C-1)

Current Status: TIA published the ANSI/TIA-464-C-1 standard in June 2004. Project closed.

Target Completion Date: Complete.

- PN-3-4676-WD2, Rescind TIA-594-A for Information Technology - Telecommunications - Synchronization Methods and Technical Requirements for Private Integrated Services Networks

Current Status: TIA published the TIA-594-B standard in March 2004 to replace TIA-594-A.

Target Completion Date: 11/2004.

Plenary Action Requested: TR41.1 voted and approved the Chair to request Plenary agreement to request TIA to withdraw ANSI/TIA-594-A for the reason it is now replaced and superseded by ANSI/TIA-594-B.

Plenary Action Taken: Stephanie Montgomery noted that the TIA Secretariat automatically takes care of rescinding the old document in cases like this one where the –B version replaces the –A version. No Plenary Action required.

Additional Information: TR-41.1 would like to provide the following additional information.

- TR41.1 voted and unanimously approved the Chair to request Plenary agreement to open new SP project number for the development of a new “Analog Telephone Port Requirements for Packet Based Terminal Adapters” standard.

Plenary Action Requested: TR-41.1 request concurrence to open new SP project for Analog Telephone Port Requirements for Packet Based Terminal Adapters.

Plenary Action Taken: Unanimous approval.

- TR41.1 voted and unanimously approved the Chair to request Plenary agreement to open new SP project number for the development of a new “1544 kbps Interface Requirements for VoIP Gateways” standard.

Plenary Action Requested: TR-41.1 request concurrence to open new SP project for 1544 kbps Interface Requirements for VoIP Gateways.

Plenary Action Taken: On his own behalf, the Chair moved to ammend “VoIP” to “Packet Based” in the project title. The motion to ammend was seconded and approved. The new project was unanimously approved. It will be entitled 1544 kbps Interface Requirements for Packet Based Gateways.

b. TR-41.3 – Analog and Digital Wireline Terminals – Harry Van Zandt for James Bress (009)

Subcommittee TR-41.3 met on Thursday afternoon, August 12, 2004. Its various working groups met from Monday through Thursday morning.

Project Status: The following is a summary of the status of each Project assigned to TR-41.3.

- PN-3-nnnn, Comparison of TIA-470-C and ETSI TS 103 021 Requirements (to become a TSB)

Current Status: Harry Van Zandt to check with James Bress so that a status report can be presented at the next meeting. It is also necessary to obtain a number for this project, which was approved at the November 2003 meeting in Dallas.

Target Completion Date: TBD

- PN-3-4350.110-RV3, Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-C)

Current Status: ANSI approval received 4/13/04. Published.

Target Completion Date: Complete.

- PN-3-4350.120-RV3, Hands Free Acoustic Performance Requirements for Analog Telephones (to become TIA-470.120-C)

Current Status: Ongoing

Target Completion Date: 02/2006

- PN-3-4350.130-RV3, Headset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.130-C)

Current Status: Ongoing

Target Completion Date: 02/2006

- PN-3-4350.210-RV3, Resistance and Impedance Performance Requirements for Analog Telephones (to become TIA-470.210-C)

Current Status: ANSI approval received 4/20/04. Published.

Target Completion Date: Complete.

- PN-3-4350.220-RV3, Alerter Acoustic Output Performance Requirements for Analog Telephones (to become TIA-470.220-C)
Current Status: ANSI approval received 4/20/04. Published.
Target Completion Date: Complete.
- PN-3-4350.230-RV3, Network Signaling Performance Requirements for Analog Telephones (to become TIA-470.230-C)
Current Status: Ready for committee ballot
Target Completion Date: 11/2004
Plenary Action Requested: Request concurrence to send PN-3-4350.230RV3 to committee ballot.
Plenary Action Taken: Unanimously approved
- PN-3-4350.310-RV3, Cordless Telephone Range Measurement Procedures for Analog Telephones (to become TIA-470.310-C)
Current Status: ANSI approval received 5/5/04. Published.
Target Completion Date: Complete.
- PN-3-4350.320-RV3, Cordless Telephone Performance Requirements (to become TIA-470.320)
Current Status: Ongoing
Target Completion Date: 11/2004

Additional Information: TR-41.3 would like to provide the following additional information.

- TR41.3 needs a liaison letter sent to ITU-T SG-12 requesting clarification of the proper handsfree telephone RLR correction factor.
Plenary Action Requested: Request concurrence for this letter to be sent from TR41 chair to the chair of ITU-T SG-12.
Plenary Action Taken: Unanimously approved
- TR41.3 needs to reactivate WG TR41.3.3 to revise TIA 810-A since it expires by year end 2005. Ken Macdonald agreed to be the chair and Roger Britt agreed to be the editor.
Plenary Action Requested: Request approval to start a new project to revise TIA 810-A as TIA 810-B.
Plenary Action Taken: Unanimously approved
- TR41.3 requests the following schedule for it's WGs at the November 2004 meeting.
 - TR41.3.3 Monday AM
 - TR41.3.8 Monday PM & Tuesday evening
 - TR41.3.10 Tuesday All Day
 - TR41.3.11 Wednesday PM
 - TR41.3.9 Thursday AM
 - TR41.3 Thursday PM

c. TR-41.4 – IP Telephony Infrastructure and Interworking - Bob Bell (010)

Subcommittee TR-41.4 met on Tuesday and Wednesday, August 10 & 11, 2004

Project Status: The following is a summary of the status of each Project assigned to TR-41.4.

- PN-3-0061, IP Telephony Security Framework (to become new TSB)
Current Status: Actively required. Contributions to PN-3-4462-URV assume the existence of this document.
Target Completion Date: 11/2005
- PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)
Current Status: Actively being worked
Target Completion Date: 05/2005
- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)
Current Status: No submissions this time, but is actively being worked.
Target Completion Date: 05/2005
- PN-3-0104, Functionality Classes for IP Telephony Residential Gateways (to become TSB-148)
Current Status: Awaiting decisions within ITU-T SG12, which must be in place before this work can progress.
Target Completion Date: 05/2005
- PN-3-0105, IP Telephony Endpoint Performance Metrics (to become TIA-1004)
Current Status: Awaiting decisions within ITU-T SG12, which must be in place before this work can progress.
Target Completion Date: 05/2005
- PN-3-0172, Enterprise Location Information Server Interfaces (to become TIA-1049)
Current Status: One submission received. Active
Target Completion Date: 11/2005
- PN-3-0185, Link Level Discovery Protocol (LLDP) – Media Endpoint Discovery (MED)
Current Status: Multiple Submissions presented. Active
Target Completion Date: 11/2005
- PN-3-4462-URV, Performance and Interoperability Requirements for Voice-over-IP (VoIP) Telephone Terminals (to become TIA-811-A)
Current Status: Multiple submissions presented. Active
Target Completion Date: 11/2004
- PN-3-4726-RV1, Location Identification and Callback Procedures for IP Terminals (to become TSB-146-A)
Current Status: Multiple submissions presented. Active
Target Completion Date: 05/2005
- PN-3-4826-RV1, Voice Gateway Transmission Requirements (to become TIA-912-A)
Current Status: Submitted for publishing
Target Completion Date: 08/2004

Additional Information: TR-41.4 would like to provide the following additional information.

TR41.4 unanimously agreed to accept a new work item related to the Technical Assessment of Synchronization Methods in IP networks from a Quality of Experience Perspective. This work item will result in the creation of a TSB to provide guidance on the assessment of network synchronization methods. Radhat Telikepalli from Nortel has agreed to be the editor.

Plenary Action Requested: TR41.4 requests the approval of TR-41 for establishment of a new project related to the Technical Assessment of Synchronization Methods in IP Networks from a Quality of Experience Perspective.

Plenary Action Taken: Unanimously approved

d. TR-41.7 – Environmental and Safety Considerations - Randy Ivans (011)

Subcommittee TR-41.7 met on Thursday afternoon, August 12, 2003. Its 41.7.4 and 41.7.5 Working Groups met on Wednesday, and its 41.7.1 Working Group met on Thursday morning.

Project Status: The following is a summary of the status of each Project assigned to TR-41.7.

- PN-3-3283-RV2, Environmental Considerations (to become TIA-571-B)
Current Status: On target. Randy Ivans chaired the meeting. Temperature limits and extremes were discussed and a new area (not previously in TIA-571) of corrosion was introduced and discussed.
Target Completion Date: 5/2005
- PN-3-0129, Telecom Circuit Overcurrent Protectors (to be submitted to UL)
Current Status: On target. The technical content is now under full development and review. TR41.7.5 is asking for a full day to meet for the next meeting in November.
Target Completion Date: 08/2005

Additional Information: TR-41.7 would like to provide the following additional information.

TR41.7 has been tracking the area of Hazardous Materials and the growing regulations and restrictions. In addition to the restrictions and regulations themselves, an increasing concern is the lack of consistency in the regulations from state to state and sometimes even from county to county. This potentially has a tremendous impact on manufacturing and distribution of telecom equipment which typically is not designed and manufactured for a particular location. TR41.7 is considering developing a position paper regarding the issues and potential impact on the industry.

e. TR-41.9 – Terminal Attachment Programs – Greg Slingerland (012)

Subcommittee TR-41.9 met on Monday, August 9, 2004. It also met jointly with T1E1.4 on Thursday morning, August 12, 2004. Its 41.9.2 Working Group met on Tuesday.

Project Status: The following is a summary of the status of each Project assigned to TR-41.9.

- PN-3-0016-AD3, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Third Addendum to TIA-968-A)
Current Status: Ballot window closed 8-Aug-2004. We resolved the TIA comments during our meeting and prepared a solution to the Alcatel and the “No” vote from Adtran. This was discussed during the joint T1E1.4/TR41.9 meeting on Thursday and a solution was eventually found but major revisions are required. A TR41.9 teleconference call is tentatively scheduled for 9-Sep-2004, 11am Eastern with T1E1.4 invited. Depending upon the level of changes a default ballot or full rebalot will be required.
Target Completion Date: 11/2004

Plenary Action Requested: TR41.9 requests concurrence to hold an interim teleconference meeting tentatively scheduled for 9-Sep-2004 and 11am Eastern (date and time may change).

Plenary Action Taken: Unanimously approved, noting that it requires an appropriate meeting notice.

- PN-3-3602-RV3, Rationale and Measurement Guidelines for TIA-968 (to become TSB-31-C)
Current Status: Ongoing
Target Completion Date: 05/2005
- PN-3-4124, Responses to Part 68 and TIA-968 Questions (On-going effort)
Current Status: Revision ongoing
Target Completion Date: N/A

Additional Information: TR-41.9 would like to provide the following additional information.

- TR41.9 is sending a letter back to T1E1.4 in response to their letter to us regarding the lack of technical criteria in TIA-968-A for testing proprietary modems only in the direction from CPE to the network without checking for reception from network to CPE. TR41.9's response is essentially that signals in this direction are not a network harms issue and that TR41.9 will not pursue work or identification of harms from the downstream side at this time.

4. Liaison Reports

a. IEEE 802.11/15/19

Steve Whitesell had nothing to report

b. T1E1

Steve Whitesell reported that he had received a liaison reply from T1E1 concerning TR-41.9's inquiry to T1E1.4 about ADSL spectral density masks. It was assigned contribution number TR41-04-08-003, but it was not discussed further since it is being handled by TR-41.9.

c. T1A1

Steve Whitesell indicated that all of the former T1 subcommittees were receiving new names from ATIS. They are all now elevated to committee status and tend to have names similar to their previous subcommittee names without the T1 designation. Steve and Roger Britt recently attended a meeting of the former T1A1 group to discuss the functions undertaken in TR-41 and relationships with other standards bodies. Steve presented TR41-04-08-004 as an overview of TR-41. Roger went into detail about the relationships between TIA, T1, ETSI, and ITU-T documents in presenting TR41-04-08-005.

5. Old business

Steve Whitesell reported on the VoIP Terminal Adapter Call for Interest meeting was held on Monday afternoon, with representatives from at least three entities who are not normal TR-41 participants in attendance. The agenda for the meeting may be found in TR41-04-08-013-L and the Call for Interest Press Release in TR41-04-08-007-L. Steve Whitesell presented TR41-04-08-014-L as an overview of the TIA standards process and TR-41 activities that demonstrate its expertise for doing the terminal adapter standards work. Tailey Tung then presented the Siemens proposal for an initial draft of the standard, and it was discussed at a high level. There was general agreement that work should proceed on developing the analog interface port specifications along the line Tailey had outlined. There was also discussion about whether there is need for a complete terminal adapter specification but no consensus was reached. For now, we will leave open the possibility of adding pointers and informative material on such things as the need for concern about port-to-port delay if contributions are received.

Although the Press Release was sent out on July 8 via TIA's PR distribution channels, it was not made available to TR-41 members as a contribution until the week before the meeting. Several people pointed out that this prevented it from getting the attention it may have deserved from engineers who might be working on terminal adapters in TR-41 participating companies. The chair indicated this was a valid criticism that will be taken into account in the future.

6. New Business

No new business

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of November 8-12 in San Antonio, TX and will be co-located with IEEE. The preliminary meeting schedule for the various TR-41 subcommittees and working groups is given in Appendix A. The details for the meeting hotel are as follows:

St. Anthony Hotel
 300 East Travis
 San Antonio, TX 78205
 Ph: 210-277-4392
 Fax: 210-277-0915
 Rate: \$119.00
 Cut-off: October, 8 2004

Note: Although the TIA room rate is guaranteed until the cut-off date, room availability is not.

b. Future Meetings

The schedule for future TR-41 meetings is given below.

Date	Location	Notes
February 7-11, 2005	Las Vegas (Embassy Suites)	Collocated with T1A1
May 9-13, 2005	Mid North/Northeast	
August 8-12, 2005	Portland ??	
November 7-11, 2005	South/Southeast	

8. Adjournment

There being no further business, the meeting was adjourned at 9:30am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Harry A. Van Zandt
 Secretary, TR-41

Stephen R Whitesell
 Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for November 2004 in San Antonio, TX

MONDAY 0830 – 1230 8 Nov 2004	TR-41.3.3 Digital Xmission Perf (Macdonald – 20)			
MONDAY 1330 – 1730 8 Nov 2004	TR-41.3.8 Network Signaling (McKinnon – 20)		TR-41.9.2 Part 68 Measurements (Slingerland – 20)	
MONDAY 1800 – 1930 8 Nov 2004	TR-41 Leadership User Premises Eqpmt (Whitesell – 20)			
TUESDAY 0830 – 1230 9 Nov 2004	TR-41.3.10 Hands Free Telephones (Baum – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9.2 Part 68 Measurements (Slingerland – 20)	
TUESDAY 1330 – 1730 9 Nov 2004	TR-41.3.10 Hands Free Telephones (Baum – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9 Regulatory (Slingerland – 20)	
TUESDAY 1930 – 2200 9 Nov 2004	TR-41.3.8 Network Signaling (McKinnon – 20)			
WEDNESDAY 0830 – 1230 10 Nov 2004	TR-41.7.4 Environmental (McKinnon – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	
WEDNESDAY 1330 – 1730 10 Nov 2004	TR-41.3.11 Headset Telephones (Woo – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	
WEDNESDAY 1800 – 2200 10 Nov 2004		TR-41.1/TR-41.3 Analog Port TA (Tung/Bress – 20)		
THURSDAY 0830 – 1230 11 Nov 2004	TR-41.3.9 Cordless Telephones (Van Zandt – 20)	TR-41.1 MLTS & VoIP Eqpmt (Tung – 20)	TR-41.7.1 Int'l Safety Standards (Ivans – 20)	
THURSDAY 1330 – 1730 11 Nov 2004	TR-41.3 Wireline Terminals (Bress – 20)	TR-41.1 MLTS & VoIP Eqpmt (Tung – 20)	TR-41.7 Environmental & Safety (Ivans – 20)	
THURSDAY 1900 – 2200 11 Nov 2004				
FRIDAY 0800 – 1030 12 Nov 2004	TR-41 Plenary User Premises Eqpmt (Whitesell – 20)			

**Appendix B
Document List**

TR41-04-08-000		TR-41 Document List for 2004
TR41-04-08-001-R1	Chair	Agenda for August 13, 2004 Meeting in Washington
TR41-04-08-002	Secretary	Report for May 7, 2004 Meeting in Charlotte
TR41-04-08-003	T1E1	ADSL Mask Liaison Reply
TR41-04-08-004	S Whitesell	TR-41 Overview Presentation to T1A1
TR41-04-08-005	R Britt	TR-41 Relationships Presentation to T1A1
TR41-04-08-006	Siemens	Proposed VoIP Terminal Adapter Draft Standard
TR41-04-08-007-L	TIA	VoIP Terminal Adapter Call for Interest Press Release
TR41-04-08-008-MR1	41.1 Chair	Washington TR-41.1 Chair's Report
TR41-04-08-009-MR1	41.3 Chair	Washington TR-41.3 Chair's Report
TR41-04-08-010-MR1	41.4 Chair	Washington TR-41.4 Chair's Report
TR41-04-08-011-M	41.7 Chair	Washington TR-41.7 Chair's Report
TR41-04-08-012-M	41.9 Chair	Washington TR-41.9 Chair's Report
TR41-04-08-013-L	Chair	VoIP Terminal Adapter Call for Interest Agenda
TR41-04-08-014-L	Chair	TIA and TR-41 Overview