



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-41 Meeting Report

Date: 02/09/07

Location: Houston, TX

Approved: 4/26/07

T# 10517

**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: Phillip Havens**

**Date: February 9, 2007
Venue: DoubleTree Hotel Downtown
City: Houston, TX**

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 10 of 14 voting member companies represented. Bourns Ltd has now been represented at two consecutive meetings. It was given voting rights following the establishment of quorum and added to the quorum list for the next meeting. Likewise, Siemens has also been represented for two consecutive meetings and has regained voting rights and quorum membership.

1) Quorum Members or Alternates Present

| | |
|-----------------------------|-------------------------|
| Avaya – Joanne McMillen | Plantronics – Allen Woo |
| Cisco – Kirit Patel | Thomson – Roger Hunt |
| Embarq – Amar Ray | UL – Randy Ivans |
| Littelfuse – Phillip Havens | Uniden – Al Baum |
| Nortel – Roger Britt | VTech – Steve Whitesell |

2) Quorum Members Absent

| | |
|--------------------------|------------------------------|
| Alcatel – Arnaud Vergnol | Mitel – Vacant |
| AST – James Bress | Telcordia – Jeffrey Boksiner |

3) Others Present

| | |
|---------------------------------------|----------------------------------|
| ACTA – John Bipes | Industry Canada – Efrain Guevara |
| Avaya – Joachim Pomy | Siemens – Solomon Wu |
| Bourns Ltd – Mick Maytem | TIA Staff – Stephanie Montgomery |
| Industry Canada – Christina Gallagher | |

c. Review of Notice for Participation

The Chair brought the attention of meeting participants to the following Important Notice for Participation as found in the TIA Engineering Manual:

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

d. Review and Approve Agenda

The agenda was submitted for review. Chair Steve Whitesell proposed discussion of a proposal for TR-41 policy on recognition in published documents be added as an item under new business. There was no objection to doing so and no objection to adopting the agenda as modified by unanimous consent.

e. 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:

TIA's Intellectual Property Rights Policy can be found in Statements of Policy and subsequent sections of the TIA Engineering Manual. Participants in the work of the TIA Formulating Group are urged to review the appropriate Sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication early on in its development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with the statement set forth in ANNEX H with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.

He pointed out that this policy encouraging disclosure of intellectual property rights applies equally to all normative elements of documents under development, whether included directly in the text or incorporated by reference. No disclosures were made.

f. Chair's Remarks

Steve indicated that Phillip Havens had been unopposed and was acclaimed Chair of TR-41.9 by unanimous consent during its meeting on Tuesday. He reminded the participants that elections for TR-41 Chair and Vice-Chair would be coming up in August, followed by elections for the TR-41.3 Chair and the TR-41.7 Chair and Vice-Chair in November. A call for TR-41 Chair and Vice-Chair candidates will be made at the May meeting. He also indicated that an election for the open TR-41.9 Vice-Chair position would be held whenever one or more candidates came forward.

Steve also reminded everyone that we will be holding another of our semi-annual events to recognize those individuals who have made contributions to the development of documents published in the previous six months at the May meeting.

Steve requested input on the venue for this week's meetings. The general consensus seemed to be that it was OK but not particularly notable.

g. TIA Staff Remarks

Stephanie Montgomery commented on changes in leadership of TIA and the Standards Department. Grant Seifert has taken over as President of TIA, replacing Matt Flanagan, who retired at the end of 2006. Dan Bart will also be retiring from TIA, but will take on a consulting role as Chief Technology Officer (CTO) and Advisor to the President. A search will begin to fill his former position as Vice-President of Standards. Finally, Henry Cuschieri has announced that he will be stepping down from his domestic and international standards duties and returning full-time to 3GPP2 activities.

2. Previous Meeting Report

The report of the previous meeting was reviewed and approved without change.

3. Subcommittee Reports and Requests

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

a. TR-41.3 – Analog and Digital Wireline Terminals – Al Baum for James Bress

Subcommittee TR-41.3 met on Thursday afternoon, February 8, 2007. Its various working groups met from Monday through Wednesday and on Thursday morning.

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

- PN-3-0191, Analog Telephone Port Requirements for Packet-based User Premises Terminal Adapter (to become TIA-1063)

Current Status: During the 11-10-06 TR41 Plenary meeting, TR41.3 received TR41 concurrence to publish this document. The document currently needs to be submitted to TIA after final editorial cleanup. James Bress will perform the final editorial cleanup by March 1 and then upload the document for publication.

Target Completion Date: 05/2007

- PN-3-0208, Comparison of TIA-470-C and ETSI TS 103 021 Requirements (to become TSB-470)

Current Status: This project is on hold until other projects requiring the same resources are completed.

Target Completion Date: 11/2007

- PN-3-0219, Measurement Procedures and Performance Requirements for Handset Generated In-Band Magnetic Noise (to become TIA-1083)

Current Status: The Industry Ballot for this document closed 12-8-06. There were 13 ballots cast; 10 "Approve" and 3 "Approve with Comments". Two of the comments were labeled as "Editorial" and one was labeled "Technical". During ballot comment review in the TR41.3.9 meeting, it was determined that the one "Technical" comment was actually editorial since it involved proposed text for a note (which was determined to be unnecessary). Editorial changes were made to the document in response to the ballot comments. TR41.3.9 voted to request TR41.3 to approve publication of the document with the editorial changes agreed to during the TR41.3.9 meeting. TR41.3 voted unanimously to approve the publication of the edited document.

Target Completion Date: 05/2007

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to publish TIA-1083 after final editorial cleanup.

Plenary Action Taken: Unanimously approved.

- PN-3-4350.110-AD1, Addendum 1 to Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-1)

Current Status: During the 11-10-06 TR41 Plenary meeting, TR41.3 received TR41 concurrence to publish this document. The document currently needs to be submitted to TIA for publication after final editorial cleanup.

Target Completion Date: 05/2007

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

Current Status: The TR41.3.10 Working Group met all day Monday (2-5-07). At this meeting Glenn Hess (MWM Acoustics) submitted a contribution regarding an alternate method for performing SDN (Signal to Distortion and Noise) measurements. After a detailed review and discussion of the contribution, the Working Group agreed to use 1/3 octave band limited

pulsed white noise as a stimulus for this test with notched A-weighted FFT analysis from 100Hz to 8500Hz with 10Hz resolution and Hanning windowing. The Working Group also agreed to delete the 315Hz SDN requirement to harmonize with TIA-810-B. At the last meeting Dave Stenner (Advent Instruments Inc) submitted a contribution regarding the switching time requirements in P.340 but there was insufficient time to review the contribution at that meeting. At this meeting the Working Group reviewed Dave's contribution and, as a result, revised the Send and Receive Switching Time requirements in the draft document from "<100ms" to "<150ms, >50ms".

Target Completion Date: 11/2007

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

Current Status: The TR41.3.11 Working Group met Tuesday (2-6-07) morning. Committee balloting began 1-26-07 and will close on 2-26-07. During this meeting it was pointed out that there is a possible issue in the draft when testing headsets with volume controls. The draft currently points to IEEE 269a for the headset volume control adjustment procedure. However, 269a specifies adjusting the headset volume control for the target RLR using a -26dBV stimulus instead of the -16dBV stimulus used by the draft. This difference in stimulus level may present RLR measurement problems for headset amplifiers using non-linear processing. The Working Group also reviewed the draft document and added comments to a copy of the ballot version for consideration during ballot comment resolution at the next meeting. During the TR41.3 meeting, the Chair of TR41.3.11 requested and received approval to hold an interim Working Group meeting in the mid-March timeframe for ballot comment resolution (with a possible second interim meeting to follow).

Target Completion Date: 11/2007

- PN-3-4350.210-AD1, Addendum 1 to Resistance and Impedance Performance Requirements for Analog Telephones (to become TIA-470.210-C-1)

Current Status: During the 08-18-06 TR41 Plenary meeting, TR41.3 received TR41 concurrence to publish this document. A complementary publication copy was received on 2-6-07. (Note: The cover of the standard is labeled "Approved: November 13, 2006")

Target Completion Date: 02/2007

- PN-3-4350.320-RV3, Cordless Telephone Performance Requirements (to become TIA-470.320)

Current Status: During the 02-17-06 TR41 Plenary meeting, TR41.3 received TR41 concurrence to publish this document. A complementary publication copy was received on 12-12-06. (Note: The cover of the standard is labeled "Approved: November 15, 2006")

Target Completion Date: 02/2007

- PN-3-4350.330, Telephone Answering Devices (to become TIA-470.330-C)

Current Status: The TR41.3.12 Working Group met Tuesday (2-6-07) afternoon. The Working Group reviewed and two previous contributions from Embarq and Uniden regarding the use of PESQ/PAMS for message voice quality analysis and further discussed the limitations of this analysis method. The Working Group agreed that PESQ testing of Remote Playback could be useful for testing playback quality vs recording level performance and for assuring some minimum quality level. However, the useful range of PESQ scores is rather compressed when testing TAD's. (The difference was about 0.5 to 1.0 between a low quality and high quality TAD at typical T&R signal levels.) Additionally, the measurements presented so far indicate that a change in PESQ score of less than 0.2 may not be particularly meaningful. The Working Group also agreed that many of the methods used to assess speakerphone transmission quality can also be adapted for use in measuring TAD

performance (e.g. Loudness Ratings, SDN, Freq Response, etc.). VTech agreed to provide a contribution at the next meeting on this subject.

Target Completion Date: 02/2008

- PN-3-4705-RV1, Transmission Requirements for Wideband Digital Telephones (to become TIA-920-A)

Current Status: The TR41.3.3 Working Group met all day Wednesday (2-7-07). The Working Group agreed to replace the term "handsfree" in the standard with the term "speakerphone". (The same change is taking place in ITU-T.) The group agreed to use the handset receive frequency response at 1/12th octave in the narrowband region and at 1/3rd octave in the wideband region. In the future an informative annex will need to be added to explain the handset receive mask width increase above 4 kHz and the use of 1/3 octave averaging. Both are needed to compensate for high frequency acoustic effects common to HATS. In a previous meeting John Bareham showed us some related material that would be useful. Roger will ask John if he would allow some of his material to be used in the annex. Tom Harley will submit a contribution on peaks/dips and the relationship with the DRP correction. The Working Group needs to receive as much test data as possible for handset receive. Glenn Hess requested samples of wideband sets or handsets to aid in obtaining this data. Glenn Hess presented his distortion contribution based on analog phones and suggested that band limited (1/3rd octave) noise is a better test signal for digital sets than tones for distortion. The Working Group needs to receive as much test data as possible for distortion using the gated noise test method proposed by Glenn Hess.

Target Completion Date: 02/2008

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

- TR41.3 requests the following meeting schedule for the next meeting:
 - Monday (All Day): TR-41.3.10 (TIA-470.120-C: Hands-free)
 - Tuesday (All Day): TR-41.3.3 (TIA-920-A: Wideband Digital Transmission)
 - Wednesday AM: TR-41.3.11 (TIA-470.130-C: Headset)
 - Wednesday PM: TR-41.3.12 (TIA-470.330-C: TAD)
 - Thursday AM: TR-41.3.9 (TIA-1083: Cordless, HAC Magnetic Noise Product Labeling)
 - Thursday PM: TR-41.3 Subcommittee

b. TR-41.4 – IP Telephony Infrastructure and Interworking – Joanne McMillen

Subcommittee TR-41.4 met on Tuesday, February 6, 2007.

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 TSB 139)
 - Current Status: Project will be closed
 - Target Completion Date: N/A
- PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)
 - Current Status: Project will be closed
 - Target Completion Date: N/A
- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)
 - Current Status: Out for ballot
 - Target Completion Date: 11/07

- PN-3-0202, Technical Assessment of Synchronization Methods in IP Networks from a Quality of Experience Perspective (to become TIA-TSB-160)

Current Status: Being updated with comments from TIA ballot. ETSI has accepted all the editorial changes from ballot and did not have any additional changes. Hence, the document is ready to submit for publication.

Target Completion Date: 04/07

Plenary Action Requested: Concurrence to submit TIA-TSB-160 for publication.

Plenary Action Taken: Unanimously approved.

- PN-3-4726-RV1, Location Identification and Callback Procedures for IP Terminals (to become TSB-146-A)

Current Status: Being updated with editorial change requests from legal department comments as well as some additional missing editorial updates.

Target Completion Date: 04/07

- SP-3-4826-RV2: Voice Gateway Transmission Requirements (To become ANSI/TIA-912-B)

Current Status: Being updated with comments from TIA ballot and waiting for ETSI ballot to complete the end of March. Any additional editorial changes resulting from ETSI ballot will be incorporated and the final version submitted for publication.

Target Completion Date: 04/07

Plenary Action Requested: Concurrence to submit the final merged TIA-912-B for publication.

Plenary Action Taken: Unanimously approved.

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

- There will be an interim teleconference meeting to resolve liaison feedback concerns with ATIS Emergency Services Interconnection Forum (ESIF) and National Emergency Number Association (NENA).
- Meetings will be reduced to one day going forward and will be held on Wednesdays.

c. **TR-41.7 – Environmental and Safety Considerations - Randy Ivans**

Subcommittee TR-41.7 met on Thursday afternoon, February 8, 2007. Its 41.7.5 Working Group met on Wednesday, and its 41.7.1 Working Group met on Thursday morning. In addition, joint sessions were held on Tuesday and Thursday evenings with Engineering Committee TR-42, User Premises Telecommunications Cabling Infrastructure.

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: The work on the document was completed and TR41.7 asked the plenary in November for concurrence to send the document ANSI/TIA-571-B out for publication. This was received. However, because of a miscommunication, the document wasn't sent for publication. This is being resolved at this time and we expect the document to be submitted for publication shortly.

Target Completion Date: 02/2007

- PN-3-0129, Telecom Circuit Overcurrent Protectors (to be submitted to UL)

Current Status: The review of the main document is now completed and closed except for 4 specific items that we expect written contributions for discussions and resolution next meeting in May. In addition, the review of the parts dealing with specific technologies is underway. Open discussions are closed and only written contributions for any comments on these parts

will be considered for the next meeting. The WG anticipates the document to be completed next meeting and be turned over to UL as a seed document for the development of a UL standard. It is expected that the TR-41.7 will be seeking concurrence next meeting to release the document.

Target Completion Date: 05/2007

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

- TR-41.7 is seeking concurrence to send a letter to UL and the BNWG regarding recent responses to comments on an acoustic testing proposal for UL60950-1 Issue 2. It has to do with the same issue we dealt with before regarding using the appropriate coupler for testing. Although the BNWG generally acknowledged that the proper coupler should be used, TR-41.7 would like to suggest clarifications on the selection and use of the couplers. The general content of the letter is as follows (Original text and revision shown):

A handset or headset that is of a design compatible with the artificial ear of IEC 60318 shall be placed under normal operating conditions in position for the exchange of calls (such as talking state with the handset raised), and fixed to an artificial ear conforming to the requirements of IEC 60318. The earpiece shall be naturally sealed to the knife-edge of the artificial ear without the use of any sealant. ~~Holes in the earpiece which partially fall outside the knife-edge of the artificial ear shall be sealed.~~ Other types of handset and headset should use Method 1.

Rationale:

If the headset or handset is a compatible design it should seal on the 318 without any added sealant such as putty.

If any part of the earpiece or sound emitting holes in the earpiece fall outside the knife-edge of the 318 then it is not really compatible. Acoustic holes in the earpiece should not fall outside of the knife-edge.

ALSO ADD IEEE 269 reference to not using a sealant and an ITU-T P.57 Clause 5 reference to not using putty.

Plenary Action Taken: Unanimously approved.

- Several members received a report via an IEEE Product Safety Society website that the TIA was seeking information related to reports of wireless phones (cordless and cell) interfering with GFCIs. TR-41.7 was concerned that they appeared to be out of the loop on this request. We have so far been unable to find the source of this supposed request by the TIA.
- TR-41.7 held a joint meeting with TR-42 regarding the future of ANSI/J-STD--607-A-2002, which is up for 5 year review this year. During the last development phase, the formulating committee was TR-41.7 and WG TR-41.7.2 developed the standard. Since that time the mix of members has changed considerably and a lot of the original developers are now regular attendees of TR-42. There was little interest expressed in TR-41.7 to work on any revisions while there was a lot of interest expressed by TR-42. It was decided that the formulating group would be TR-42.3 but that there would be a formal liaison with TR-41.7 to assist with and monitor the project. We will need to transfer the standard to TR-42.3 as the formulating group. The standard is a joint standard with ATIS NIPP-NEP (formerly T1E1.7).

Plenary Action Requested: TR-41.7 asks concurrence from the Plenary to transfer the responsibility of ANSI/J-STD--607-A-2002 from TR41.7 to TR-42.3 to handle the revision project.

Plenary Action Taken: Unanimously approved.

d. TR-41.9 – Terminal Attachment Programs – Phillip Havens

Subcommittee TR-41.9 met on Tuesday, February 6, 2007. Its 41.9.1 Working Group met on Monday.

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

- SP-3-0016-AD4, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fourth Addendum to TIA-968-A)

Current Status: A negative comment regarding TIA-968-A-4 was reviewed. The commenter subsequently retracted their negative comment.

Target Completion Date: 02/2007

Plenary Action Requested: Request TR41 notify the ACTA of the negative comment resolution for TIA-968-A-4.

Plenary Action Taken: Unanimously approved.

- SP-3-0016-AD5, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fifth Addendum to TIA-968-A)

Current Status: The ad hoc group presented a contribution for Harm Criteria for VDSL2. The contribution was modified during the meeting. This modified document will be submitted for ballot and if there are not any "NO" votes received during the ballot process, it will then be submitted to TIA for publication and forwarded to the ACTA.

Target Completion Date: 05/2007

Plenary Action Requested: Request concurrence for submitting this for balloting and subsequently for publication upon successful balloting (All Approval, no comments).

Plenary Action Taken: Unanimously approved.

- SP-3-0016-RV2, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (to become ANSI/TIA-968-B)

Current Status: on-going work

Target Completion Date: 11/2007

- PN-3-3602-RV3, Rationale and Measurement Guidelines for TIA-968 (to become TSB-31-C)

Current Status: A single "NO" vote comment was resolved and a single "YES" vote with comments was reviewed and its suggested edits were incorporated.

Target Completion Date: 02/2007

Plenary Action Requested: Concurrence to submit this modified document for publication.

Plenary Action Taken: Unanimously approved.

- PN-3-4124, Responses to Part 68 and TIA-968 Questions (On-going effort)

Current Status: One question to be added to the FAQ list at the TIA website.

Target Completion Date: N/A.

Plenary Action Requested: Concurrence to add this question to the FAQ list.

Plenary Action Taken: Unanimously approved.

4. Liaison Reports

a. TR-42 – Steve Whitesell

Steve noted that this meeting had been collocated with TR-42 so that joint sessions could be held between TR-41.7 and members of TR-42 on Tuesday and Thursday evenings to facilitate the discussions summarized in the TR-41.7 Chair's Report. He also indicated he had attended a Thursday morning TR-42.7 session to seek their recommendation on what to do with TIA/EIA-854. This will be covered further under new business.

5. Old business

Roger Britt reviewed the Project Status Spreadsheet inputs he had received.

6. New Business

a. Vote on Reconfirming or Withdrawing TIA/EIA-854

Chair Steve Whitesell noted that TIA/EIA-854, A Full Duplex Ethernet Specification for 1000 Mbit/s (1000BASE-TX) Operating over Category 6 Balanced Twisted-Pair Cabling, had reached its 5-year anniversary in mid 2006. It is unclear as to whether ANSI status for the document has been withdrawn, but it should have been by now. This document was created by the former TR-41.5 Subcommittee in response to a perceived need because the IEEE 802 Standards Committee was not interested in doing so. Since there is no longer any expertise in this area among current TR-41 participants, Steve sought input from the TR-42.7 Subcommittee on Copper Cabling Systems. The discussion in that meeting pointed out feasibility of the standard had been demonstrated, but that there had really been no commercial implementation and that other methods of providing these data rates were now available. Following the discussion, TR-42.7, by majority vote, provided feedback they did not recommend reaffirmation of the document.

Based on this discussion, Steve moved that TIA/EIA-854 be withdrawn. The motion was seconded and approved by unanimous consent without further discussion.

b. Proposal for TR-41 Policy for Recognition in Published Documents

Chair Steve Whitesell then introduced document TR41-07-02-009-L, which he had authored in an attempt to establish a uniform method of recognizing contributors to our work in documents that we publish. He noted that some documents had separate lists of contributors and group members, others had list of contributors to the present version and to previous versions, etc. He also noted that sometimes the individual is listed first, followed by the organization represented, and sometimes it is the other way around. Sometimes the editor is identified, other times both the editor and chair are identified, etc. He proposed using one table, listing the contributors to the present version in one column and the contributors to all previous versions, if any, in another column. He also proposed that the organization be listed first followed by the name of the representative and that the chair and editor be identified as such. After quite a bit of discussion, there appeared to be some consensus towards the general concept, but recognizing the leadership of the group in the introductory sentence rather than in the table unless that person had made a contribution to the document. Steve agreed to take the comments received and put together a new proposal for the next meeting.

7. Meeting Schedules

a. Next Meeting

The next meeting location was not known at the time of this meeting. It was subsequently determined that the next meeting will be the week of April 30 – May 4 in St Petersburg, FL. 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:

Hilton St Petersburg Carillon Park
 950 Carillon Drive
 St Petersburg, FL 33716
 Phone: 727 540 0050
 Room Rate: \$150.00
 Cut off date: April 9, 2007

b. Future Meetings

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

| Date | Location |
|--------------------|----------------------------|
| August 13-17, 2007 | Ottawa Hotel Indigo |
| November 5-9, 2007 | Albuquerque Embassy Suites |

8. Adjournment

There being no further business, the meeting was adjourned at 10:00 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Phillip Havens
Secretary, TR-41

Stephen R Whitesell
Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for May 2007 Meeting in St Petersburg

| Room | | | | |
|--|--|---|--|---|
| MONDAY 0830 – 1230 30 Apr 2007 | TR-41.3.10/IEEE STIT Hands Free Telephones (Baum/Bareham – 20) | TR-41.9.1 Regulatory Criteria (Havens – 20) | | |
| MONDAY 1330 – 1730 30 Apr 2007 | TR-41.3.10/IEEE STIT Hands Free Telephones (Baum/Bareham – 20) | TR-41.9.1 Regulatory Criteria (Havens – 20) | | |
| MONDAY 1800 – 1930 30 Apr 2007 | | TR-41 Leadership User Premises Eqpmt (Whitesell – 20) | | |
| TUESDAY 0830 – 1230 1 May 2007 | TR-41.3.3/IEEE STIT Digital Xmission Perf (Britt/Bareham – 20) | TR-41.9 Regulatory (Havens – 25) | | |
| TUESDAY 1330 – 1730 1 May 2007 | TR-41.3.3/IEEE STIT Digital Xmission Perf (Britt/Bareham – 20) | TR-41.9 Regulatory (Havens – 25) | | |
| TUESDAY 1800 - 1900 1 May 2007 | | | | |
| WEDNESDAY 0830 – 1230 2 May 2007 | TR-41.3.11/IEEE STIT Headset Telephones (Woo/Bareham – 20) | TR-41.7.5 Overcurrent Protection (Lindquist – 15) | TR-41.4 VoIP Systems (McMillen – 15) | |
| WEDNESDAY 1330 – 1730 2 May 2007 | TR-41.3.12 Telephone Ans Devices (Ray – 15) | TR-41.7.5 Overcurrent Protection (Lindquist – 15) | TR-41.4 VoIP Systems (McMillen – 15) | IEEE STIT Test Methods (Bareham – 10) |
| WEDNESDAY 1930 – 2200 2 May 2007 | | | | |
| THURSDAY 0830 – 1230 3 May 2007 | TR-41.3.9 Cordless Telephones (Bress – 15) | TR-41.7.1 Int'l Safety Standards (Ivans – 15) | | IEEE STIT Test Methods (Bareham – 10) |
| THURSDAY 1330 – 1730 3 May 2007 | TR-41.3 Wireline Terminals (Bress – 20) | TR-41.7 Environmental & Safety (Ivans – 15) | | IEEE STIT Test Methods (Bareham – 10) |
| THURSDAY 1800-1900 3 May 2007 | | | | |
| FRIDAY 0800 – 1030 4 May 2007 | TR-41 Plenary User Premises Eqpmt (Whitesell – 20) | | | |

**Appendix B
Document List**

| <u>Number</u> | <u>Source</u> | <u>Description</u> |
|--------------------|---------------|--|
| TR41-07-02-001-R1 | Chair | Agenda for Houston Meeting |
| TR41-07-02-002 | Chair | Document List |
| TR41-07-02-003 | Secretary | Las Vegas Meeting Report |
| TR41-07-02-004-M | Chair | Attendance Spreadsheet |
| TR41-07-02-005-MR1 | Baum | TR-41.3 Chair's Report |
| TR41-07-02-006-MR1 | McMillen | TR-41.4 Chair's Report |
| TR41-07-02-007-MR1 | Ivans | TR-41.7 Chair's Report |
| TR41-07-02-008-MR1 | Havens | TR-41.9 Chair's Report |
| TR41-07-02-009-L | Whitesell | Proposed TR-41 Policy for Recognition in Published Documents |