



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-41 Meeting Report

Date: 05/04/07

Location: St. Petersburg, FL

Approved: 8/01/07

**T# 10608**

**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: May 4, 2007  
Venue: Hilton Carillon Park  
City: St Petersburg, FL**

**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 14 voting member companies represented. Since this was the third consecutive meeting at which Alcatel and Mitel were not represented, they are removed from the quorum list prior to the determination of quorum.

**1) Quorum Members or Alternates Present**

AST – James Bress	Plantronics – Allen Woo
Avaya – Joanne McMillen	Siemens – Solomon Wu
Bourns – Mick Maytum	Thomson – Roger Hunt
Cisco – Tim Lawler	UL – Randy Ivans
Embarq – Amar Ray	Uniden – Al Baum
Littelfuse – Phillip Havens	VTech – Steve Whitesell
Nortel – Roger Britt	

**2) Quorum Members Absent**

Telcordia – Jeffrey Boksiner

**3) Others Present**

ACTA – John Bipes	Industry Canada – Hazim Dawood
Avaya – Joachim Pomy	SOC America – Carl Lindquist
Industry Canada – Efrain Guevara	TIA Staff – Stephanie Montgomery

**c. Review of Notice for Participation**

The Chair brought the attention of meeting participants to the following Important Notice for Participation as found on the meeting Agenda and 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 and approved without changes.

**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**

Chair Steve Whitesell briefly mentioned that the TIA Technical Committee met Wednesday and formed two new subcommittees, TR-48 & TR-49. These new groups will cover Telematics (transportation communication systems related to vehicle safety issues) and HealthCare ICT Issues (Information and Communications Technology products used in health care), respectively.

**g. TIA Staff Remarks**

Stephanie Montgomery indicated Ed Mikoski has been hired as the new VP of Standards and will start at the end of May. A committee has been formed to view emerging technologies. The Engineering manual revision effort is continuing. The style guide revision effort should initiate by the end of the summer. Stephanie has been appointed as Director of Standards Technology (she will continue to attend TR 41 meetings for now).

**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 – James Bress**

Subcommittee TR-41.3 met on Thursday afternoon, May 3, 2007. Its various working groups met from Monday through Wednesday and on Thursday afternoon.

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: Complete  
Completion Date: Published in April 2007.
- PN-3-0208, Comparison of TIA-470-C and ETSI TS 103 021 Requirements (to become TSB-470)  
Current Status: Project is on hold waiting for contributions.

Target Completion Date: 11/2007

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

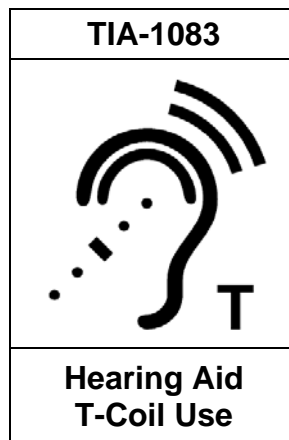
Current Status: Complete

Completion Date: Published on March 21, 2007.

- PN-3-0271, Guidelines for Marking and Labeling CPE Complying with TIA Standards (to become TSB-177)

Current Status: Several options of text, graphics., and color schemes were documented based on a contribution from Steve Whitesell, VTech. These options will be presented in surveys to be held potentially by Brenda Battat, HLAA, and Panasonic. Work was performed on the document to organize it into a generic format for all TIA standards wishing to use the TSB-177 labeling format and also to document the specifics for the TIA-1083 labeling. There was agreement to request TR-41.3 to hold an interim meeting on June 27 at 2:00pm EDT to review survey results and attempt to agree on a document to send for ballot.

EXAMPLE:



Target Completion Date: 11/2007

Plenary Action Requested: TR-41.3 asks TR-41 for concurrence to hold an interim TR-41.3 meeting to vote the TSB-177 document for ballot

Plenary Action Taken: Chair Steve Whitesell indicated that it was TR-41.3's right to decide to have an interim meeting. It is appropriate to inform TR-41 of that decision, but no action is required on the part of TR-41.

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

Current Status: Complete

Completion Date: Published in April 2007

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

Current Status: The standard development is moving forward and contributions are being reviewed and incorporated into the standard document. The title has shifted back to using "speakerphone" rather than "handsfree". There are still several technical issues to be resolved. There was consideration given to a proposal to not use loudness ratings in favor of

level measurements based on the fact that linearity is not expected for speakerphone devices.

Target Completion Date: 02/2008

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

Current Status: The committee ballot comments were reviewed and resolved. Although not part of the current standard there was discussion about the testing issues related to higher frequencies (>8kHz) for headsets. The working group and TR-41.3 subcommittee voted to send the document for an industry ballot after editorial clean up.

Target Completion Date: 11/2007

Plenary Action Requested: TR-41.3 asks TR-41 for concurrence to send project SP-3-4350.130-RV3 (to become TIA-470.130-C) for industry ballot.

Plenary Action Taken: The TR41 committee provided unanimous concurrence.

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

Current Status: A presentation regarding the use of PESQ for evaluation speech quality regarding answering machines was presented by Kevin Cross from Malden electronics. A significant contribution from Steve Kropp from VTech was reviewed and incorporated into the document. More contribution is requested to keep this standard moving towards completion.

Target Completion Date: 02/2008

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

Current Status: The standard development is moving forward and contributions are being reviewed and incorporated into the standard document. There was work done this week to resolve the noise requirements, frequency response masks, and comfort noise requirements. More work is needed to resolve the tests required for distortion measurements.

Target Completion Date: 02/2008

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

- Allen Woo will be the chair of a new group from the ASA (Acoustical Society of America). The following information outlines the details of this effort:

Proposed Title of Standard:

Measurement of Occupational Noise Exposure from Telephone Handset, Headset and Headphone

Proposed Scope of Working Group and/or Standard:

The scope of this standard is to extend the measurement of occupational noise exposure in ANSI S12.19 to include earphone and telephone receivers.

- TR-41.3 reviewed a NIPP-NAI draft related to ADSL splitter and filter requirements and contributions to TR-41.3 related to this draft standard. It was agreed to request TR-41 to send a liaison letter to NIPP-NAI. There was no official vote in TR-41.3 for this matter so it will need to be handled at the TR-41 plenary meeting. A draft of the liaison letter has been drafted by James Bress and submitted to TR-41 for consideration.

Plenary Action Taken: The TR41 committee unanimously agreed to send this liaison letter to NIPP-NAI.

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

Subcommittee TR-41.4 met on Tuesday and Wednesday, May 1 & 2, 2007.

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

- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)

Current Status: Ballot is closed. The committee reserved Wednesday May 2<sup>nd</sup> for the editing session to address all comments and update the document accordingly. Unfortunately, the editing session was cut short by the editor. An interim teleconference was offered by the chair, but was declined by the editor. Editing will resume at the August meeting.

Target Completion Date: 11/2007

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

- TR41.4 has finalized a new scope for combining TR41.4, TR41.4.4, and TR41.1. The previous revised committee name for combining TR41.4 and TR41.4.4 could be found, but not the resulting revised scope. Hence, a new scope was created and then modified to include TR41.1.

#### **TR41.4 VoIP Systems - IP Telephony Infrastructure and Endpoints**

The VoIP Systems Subcommittee develops standards and Telecommunication Systems Bulletins (TSBs) to assist in the development and deployment of IP Telephony Infrastructure and Endpoints.

The infrastructure documents promote performance and other criteria essential to the proper operation and interconnection of IP Telephony infrastructure components as well as their interfaces with external networks. The Subcommittee extends the VoIP Endpoints from basic telephony to the advanced feature level and seeks to promote the interoperability of these endpoints with other VoIP infrastructure equipment and applications such as call management systems, routing systems and gateways. The Subcommittee also liaises with other standards groups whose work affects elements within the VoIP Systems.

TR-41.4 also undertakes engineering tasks that Engineering Committee TR-41 may request such as maintenance of existing Multi-Line Telecommunications Systems (MLTS) standards.

Plenary Action Requested: Approval of the new scope and guidance on how to avoid repeating the previous problem where neither the TR41.4 nor the TR41.1 scopes were ever publicly updated.

Plenary Action Taken: The TR41 committee unanimously approved.

- TR41.4 held an interim teleconference meeting in March to address incoming ATIS and NENA liaison letters regarding emergency calling. A resulting detailed liaison response was sent to both NENA and ATIS regarding emergency calling procedures and TIA-1057 (LLDP-MED).
- TR41.4 received an incoming liaison from IEEE 802.1 regarding TIA-1057 and changes that may be requested in an updated edition. The IEEE documents are still in the early stages and TR41.4 will respond that we will certainly work with IEEE 802.1 regarding any future changes needed to TIA-1057. Manfred Arndt of Hewlett Packard was appointed as the IEEE 802.1 liaison to TR41.4.

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

Subcommittee TR-41.7 met on Thursday afternoon, May 3, 2007. Its 41.7.5 Working Group 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: Complete.

Completion Date: Published on April 11, 2007.

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

Current Status: Document completed.

Target Completion Date: 05/2007

Plenary Action Requested:

1. TR41.7 requests concurrence to send the completed document to UL for consideration in the development of a UL Outline of Investigation for these types of devices.

2. If concurrence is granted, are there any disclaimers or legal statements that need to be included with the document cover letter??

3. TR41.7 would like the Plenary's advice on what to do with the actual project. Should we close it now that the document is finished? We expect that the WG will continue to meet until UL publishes the Outline, as there will likely be comments to address and questions to answer.

Plenary Action Taken: The TR41 committee unanimously concurred to forward the document to UL. Questions about any disclaimers in the cover letter should be run by Andy Kurtzman, TIA's in-house legal counsel. The project should be left open if TR-41.7.5 expects to continue meeting to provide input to UL.

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

- UL had requested input from the TIA, ATIS, the CEA and the ITI regarding the formation of a Technical Harmonization Committee (THC) to work on the US / Canadian standard based on the developing IEC 62368, standard for Audio Video, Information Technology and Communications Equipment. This standard will eventually replace UL60950 and UL60065. The committee would consist of members from the various industry groups as well as staff from UL and CSA and operate in a similar manner as the Bi-National Working Group (BNWG) that was formed to work on UL60950.

Dan Bart has indicated that the TIA would support the proposed \$2000 yearly fee per industry member requested to fund the effort for TIA representatives. TR41.7 discussed this and asked who might be interested in representing the TIA, realizing that their companies would have to support them for the time and T&L expenses. One member present expressed interest so far. It would be expected that the TR41.7.1 WG would support the effort with technical input and guidance, the development of proposals, etc. as they have done in the past.

We expect that Dan Bart will take care of answering the request indicating support from the TIA and that TR41.7/TR41.7.1 will continue to seek out interested candidates.

TR41.7 is also interested in finding out if anyone knows what the ATIS response or position might be on this. It appears at this time that the telecommunications industry in the US will be allocated two positions on this committee, presumably one from the TIA and one from ATIS to represent telecom interests.

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

Subcommittee TR-41.9 met on Tuesday, May 1, 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: Complete  
Completion Date: Published on November 3, 2006. Adopted by ACTA on March 14, 2007.
- SP-3-0016-AD5, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fifth Addendum to TIA-968-A)  
Current Status: Complete  
Target Completion Date: 05/2007  
Plenary Action Requested: Concurrence to issue request publication of this document and forward to the ACTA for adoption.  
Plenary Action Taken: The TR41 committee unanimously concurred.
- SP-3-0016-RV2, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (to become ANSI/TIA-968-B)  
Current Status: The TR31.9.1 WG very active  
Target Completion Date: 11/2007 (very aggressive date)
- SP-3-0235, Connector Requirements and Test Methods for Gold and Gold Equivalence as Described in TIA-968 (to become ANSI/TIA-1096)  
Current Status: Complete  
Completion Date: Published August 8, 2006, Adopted by ACTA March 14, 2007.
- PN-3-3602-RV3, Rationale and Measurement Guidelines for TIA-968 (to become TSB-31-C)  
Current Status: Completed.  
Target Completion Date: 05/2007  
Plenary Action Requested: Concurrence to issue request for publication for this document.  
Plenary Action Taken: The TR41 committee unanimously concurred during the February 2007 meeting. No further action is required at this meeting.
- PN-3-4124, Responses to Part 68 and TIA-968 Questions (On-going effort)  
Current Status: On going  
Target Completion Date: N/A

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

- Roger Hunt has been nominated as a candidate for Vice-Chair!  
Plenary Action Requested: Concurrence to issue request required paperwork or procedure to have this arranged for the August 2007 TR 41.9 meeting.  
Plenary Action Taken: No action required but this will be an official call for additional candidates.
- Request investigation into the attendance list missing regular attendee's names. .  
Plenary Action Requested: Ask for assistance in correcting this  
Plenary Action Taken: Requested noted by Stephanie Montgomery.
- Request liaison letter from TR 41 to NIPP NAI requesting them to archive/remove TRQ6 and to also ask them to direct the ACTA to do the same.  
Plenary Action Requested: Ask for correct procedure to accomplish this task.



Plenary Action Taken: TR 41 committee agreed to send this liaison letter to NIPP-NAI under TR41 Chair signature.

- Request TIA secretariat to extend TIA-968-A, A1, A2, and A3.

Plenary Action Requested: None, just informing the TR 41 committee.

- Request concurrence for TR 41.9 Chair to send a response letter to Mr Norman Wainio regarding his contribution on connector field failures.

Plenary Action Requested: Ask for concurrence.

Plenary Action Taken: TR 41 committee unanimously concurred.

- Request concurrence to open a project to upgrade and revise TSB-168-A to a TIA standard titled TIA-168-B.

Plenary Action Requested: Ask for concurrence.

Plenary Action Taken: TR41 committee unanimously agreed.

#### 4. Liaison Reports

##### a. ATIS NIPP-NAI – Steve Whitesell

Steve Whitesell learned of work going on in ATIS NIPP-NAI on a standard for remote end ADSL/POTS splitters that he understood would allow up to 300 nF of capacitance across the telephone line. Since the magnitude of such a capacitance is only about 200 ohms at the upper end of the voice band, he sent TR41-07-05-009 under his own recognizance as TR-41 Chair to NIPP-NAI Chair Massimo Sorbara expressing concern and requesting a copy of their draft standard. TR-41-07-05-010a is the email response from Mr. Sorbara, and TR-41-07-05-010b is a copy of the draft standard. This document was discussed in TR-41.3 as noted previously.

##### b. IEEE 802.11 & 802.19 – Steve Whitesell

Steve Whitesell indicated he had learned during the March IEEE 802.11 meeting that the position of TIA liaison to IEEE 802.11 was vacant and had volunteered to fill it. This offer was accepted by 802.11 Chair Stewart Carey subject to also being approved by TIA's Technical Committee. The TC met earlier this week and also approved the liaison. Steve submitted a liaison report to the TC even though he was not able to attend the meeting this week. The most interesting work from TR-41's point of view is the Task Group R work on an amendment to allow fast handoffs to facilitate QoS on VoIP calls when wireless units are roaming between access points and the Task Group U work on support for E911 support for W-LAN VoIP calls.

#### 5. Old business

##### a. Project Status Update

Roger Britt indicated he had received updates on the Project Status spreadsheet from TR-41.3 and TR-41.4. Input from TR-41.7 and TR-41.9 was added during the meeting.

##### b. Policy on Recognitions in Published Documents

Steve Whitesell indicated he had taken into account feedback received at the February meeting concerning the proposed policy on recognition in published documents and had created the modified proposal in TR41-07-05-011-L. This new proposal was reviewed during the Chair's meeting on Monday evening and some further minor revisions were made to the document. Steve then moved that TR41-07-05-011-LR1 be accepted as the policy that TR-41 will use going forward for providing recognition of contributions, the editor function, and leadership in the foreword of documents submitted for publication. The motion was seconded and unanimously approved after minimal discussion.

## 6. New Business

Steve Whitesell announced a Call for Candidates for the TR41 Chair and Vice-Chair positions, which are due for election at the August meeting. Since Roger Hunt has announced his candidacy for the open TR-41.9 Vice-Chair slot, Steve also made a general Call for Candidates for that position as well. Anyone interested in running for any of these positions needs to submit a letter of support from their company and a brief summary of their qualifications for the position to Stephanie Montgomery. Stephanie will also be seeing that TIA Staff puts out an email Call for Candidates for these positions.

## 7. Meeting Schedules

### a. Next Meeting

The next meeting will be held the week of August 13-17, 2007 in Ottawa. 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:

Hotel Indigo  
 123 Metcalfe Street  
 Ottawa, ON, K1P 5L9  
 Canada  
 Phone: 613 231 6555  
 Fax:  
 Room Rate: \$CD169.00  
 Cut off date: July 23, 2007

### b. Future Meetings

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

<b>Date</b>	<b>Location</b>
November 5-9, 2007	Albuquerque, NM
February 4-8, 2008	
May 5-9, 2007	
August 4-8, 2007	
November 3-7, 2007	

## 8. Adjournment

There being no further business, the meeting was adjourned at 9:30 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 August 2007 Meeting in Ottawa**

<b>Room</b>				
<b>MONDAY</b> 0830 – 1230 13 Aug 2007	<b>TR-41.3.3</b> <b>Digital Xmission Perf</b> <b>(Britt – 20)</b>	<b>TR-41.9.1</b> <b>Regulatory Criteria</b> <b>(Havens – 20)</b>		
<b>MONDAY</b> 1330 – 1730 13 Aug 2007	<b>TR-41.3.3</b> <b>Digital Xmission Perf</b> <b>(Britt – 20)</b>	<b>TR-41.9.1</b> <b>Regulatory Criteria</b> <b>(Havens – 20)</b>		
<b>MONDAY</b> 1800 – 1930 13 Aug 2007		<b>TR-41 Leadership</b> <b>User Premises Eqpmt</b> <b>(Whitesell – 20)</b>		
<b>TUESDAY</b> 0830 – 1230 14 Aug 2007	<b>TR-41.3.10</b> <b>Hands Free Telephones</b> <b>(Baum – 20)</b>	<b>TR-41.9</b> <b>Regulatory</b> <b>(Havens – 25)</b>	<b>TR-41.4</b> <b>VoIP Systems</b> <b>(McMillen – 15)</b>	
<b>TUESDAY</b> 1330 – 1730 14 Aug 2007	<b>TR-41.3.10</b> <b>Hands Free Telephones</b> <b>(Baum – 20)</b>	<b>TR-41.9</b> <b>Regulatory</b> <b>(Havens – 25)</b>	<b>TR-41.4</b> <b>VoIP Systems</b> <b>(McMillen – 15)</b>	
<b>TUESDAY</b> 1900 - 2200 14 Aug 2007		<b>Greg Slingerland</b> <b>Recognition Dinner</b>		
<b>WEDNESDAY</b> 0830 – 1230 15 Aug 2007	<b>TR-41.3.11</b> <b>Headset Telephones</b> <b>(Woo – 20)</b>	<b>TR-41.7.5</b> <b>Overcurrent Protection</b> <b>(Lindquist – 15)</b>	<b>TR-41.4</b> <b>VoIP Systems</b> <b>(McMillen – 15)</b>	
<b>WEDNESDAY</b> 1330 – 1730 15 Aug 2007	<b>TR-41.3.12</b> <b>Telephone Ans Devices</b> <b>(Ray – 20)</b>	<b>TR-41.7.5</b> <b>Overcurrent Protection</b> <b>(Lindquist – 15)</b>	<b>TR-41.4</b> <b>VoIP Systems</b> <b>(McMillen – 15)</b>	
<b>WEDNESDAY</b> 1900 – 2200 15 Aug 2007				
<b>THURSDAY</b> 0830 – 1230 16 Aug 2007	<b>TR-41.3.9</b> <b>Cordless Telephones</b> <b>(Bress – 15)</b>	<b>TR-41.7.1</b> <b>Int'l Safety Standards</b> <b>(Ivans – 15)</b>		
<b>THURSDAY</b> 1330 – 1730 16 Aug 2007	<b>TR-41.3</b> <b>Wireline Terminals</b> <b>(Bress – 20)</b>	<b>TR-41.7</b> <b>Environmental &amp; Safety</b> <b>(Ivans – 15)</b>		
<b>THURSDAY</b> 1900-2200 16 Aug 2007				
<b>FRIDAY</b> 0800 – 1030 17 Aug 2007	<b>TR-41 Plenary</b> <b>User Premises Eqpmt</b> <b>(Whitesell – 20)</b>			

**Appendix B  
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-07-05-001-R1	Chair	Agenda for Houston Meeting
TR41-07-05-002	Chair	Document List
TR41-07-05-003	Secretary	Las Vegas Meeting Report
TR41-07-05-004-M	Chair	Attendance Spreadsheet
TR41-07-05-005-MR2	Bress	TR-41.3 Chair's Report
TR41-07-05-006-MR1	McMillen	TR-41.4 Chair's Report
TR41-07-05-007-MR1	Ivans	TR-41.7 Chair's Report
TR41-07-05-008-MR1	Havens	TR-41.9 Chair's Report
TR41-07-05-009	Chair	Liaison Letter on ADSL Splitter Impedance to ATIS NIPP-NAI
TR41-07-05-010a	Sobara	Response from NIPP-NAI on ADSL Splitter Impedance Liaison
TR41-07-05-010b	NIPP-NAI	NIPP-NAI-2007-036R1 Remote End POTS Splitter Requirements
TR41-07-05-011-LR1	Chair	Proposed TR-41 Policy for Recognition in Documents