



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-41 Meeting Report  
Date: 02/17/06  
Location: Palm Springs, CA

Approved: 05/08/06  
**T# 10107**

**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: Roger Britt (acting)**

**Date: February 17, 2006  
Venue: Hotel Zoso  
City: Palm Springs, CA**

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**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 11 of 16 voting member companies represented. [Edit the following sentences as appropriate, or delete.] The chair noted that the absence of Phillip Havens (Littelfuse) was due to a family emergence and was excused. Since Phillip was not present to serve as secretary, vice-chair Roger Britt agreed to help take notes for the Meeting Report.

**1) Quorum Members or Alternates Present**

Alcatel – Arnaud Vergnol	Sprint – Amar Ray
AST – James Bress	Thomson – Roger Hunt
Avaya – Joanne McMillen	UL – Randy Ivans
Mitel – Greg Slingerland	Uniden – Al Baum
Nortel – Roger Britt	VTech – Steve Whitesell
Plantronics – Allen Woo	

**2) Quorum Members Absent**

Cisco – Bob Bell	Telcordia – Chrys Chrysanthou
Littelfuse – Phillip Havens (Excused)	Wyle Labs – Jim Smith
Siemens – (Vacant)	

**3) Others Present**

Industry Canada – Christina Gallagher	TIA Staff – Stephanie Montgomery
Industry Canada – Efrain Guevara	

**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 and included on the Agenda:

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 with the addition of a liaison report from the DSL Forum and a discussion of the revised Version 1.2 of the TR-41 Operating Procedures under old business.

**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. He emphasized that the encouragement for early disclosure also applies to normative references cited in a document *as though their text appeared in its entirety within the TIA standard being developed*.

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.

No disclosures were made.

**f. Chair's Remarks**

Steve indicated the normative references issue has finally been resolved and brought the committee's attention to the draft letter that will be issued to all formulating group chairs describing the new policy that any normative reference in a document will be treated as though the text of the reference were actually contained within the TIA document. Thus, the reminder about TIA's IPR policy and the encouragement to make known any patents essential to the practice of a standard under development, which is made at the beginning of each meeting, will apply to all normative references cited in a document as well as the text of the document itself.

A recognition event is being planned for the San Jose meeting. We will be presenting a plaque to former TR-41.1 chair Tailey Tung as well as certificates to contributors to recently published standards. Steve also indicated UPED is adding its voice to the CEA effort to get the California Energy Commission (CEC) to delay the effective date of its new energy efficiency regulations for external power adapters, such as those used with cordless telephones, high feature corded telephones and answering systems.

Steve then asked for feedback about the meeting hotel. Positive comments were received about wireless access in the rooms and the fact that it was a very nice hotel with lots of restaurants close by. On the negative side, a couple of people indicated they felt it was rather expensive (\$159 per night) and that Palm Springs was a bit hard to get to.

**g. TIA Staff Remarks**

Stephanie Montgomery briefly discussed the TIA Standards Digest, which is intended to be issued quarterly to highlight the standards activities of the various Engineering Committees. A new issue should be out soon. She mentioned that TIA will be getting a new look to its website. Susanne White has left TIA. The intent is to hire a replacement for her to serve the Standards Secretariat needs along with a new administrative support person. TIA Standards Staff is being reorganized to provide a single point of contact for each Engineering Committee. Ronda Coulter (rcoulter@tiaonline.org) will be the person assigned to handle everything for TR-41.

## 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-41.1 – Multiline Terminal Systems – Joachim Pomy

Subcommittee TR-41.1 met on Thursday afternoon, February 16, 2006. Its TR-41.1.1 working group met on Thursday morning.

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

- PN-3-0190, 1544 kbps Interface Requirements for Packet-Based Gateways (to be published as ANSI/TIA-1062)

Current Status: Ballot completed with 100% approval. Document is currently under review at TIA with publication expected soon.

Target Completion Date: 2/2006

- PN-3-0191, Analog Telephone Port Requirements for Packet-Based Terminal Adapters (to be published as ANSI/TIA-1063)

Current Status: The document was completed and has been approved to be submitted for Committee Ballot after some editorial cleanup. The document was also conditionally approved to go to publication as a TIA-only standard if all ballot responses are approve or approve with comment and the comments can be resolved without making substantive changes to the document. TR41.1 will send a liaison letter to the DSL Forum informing them of the ballot and attaching the document. An upgrade to an ANSI standard was deferred to a future meeting.

Target Completion Date: 2/2006

Plenary Action Requested: For concurrence to send document for Committee Ballot.

Plenary Action Taken: Unanimous concurrence.

Plenary Action Requested: Steve Whitesell made a motion, seconded by Jim Bress, to send a liaison letter to the DSL Forum.

Plenary Action Taken: Unanimous approval.

- PN--3-4422-UR1, North American Test Plan for Multivendor QSIG Interoperability Testing (TIA-123-A when published)

Current Status: Project complete

Target Completion Date: Published January 2006

- PN-3-4689-RV1, Voice Quality Recommendations for IP Telephony (revision of TSB 116 to be published as TSB-116-A)

Current Status: To resolve the issue with the reference to the Nortel E-model spreadsheets on the TIA website, a workaround was found. The E-model will be added to the E-model website at [www.e-model.org](http://www.e-model.org) and TIA-116-A will contain an informal reference to this website; further the naming of the respective files will not contain any similarity to the the standard.

Target Completion Date: 5/2006

### b. TR-41.3 – Analog and Digital Wireline Terminals – James Bress

Subcommittee TR-41.3 met on Thursday afternoon, February 16, 2006. Its various working groups met from Monday through Wednesday.

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

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

Current Status: The work on this document has not started and the new TR-41.3.13 working group did not meet this week. It is expected there will be development for this project before the May, 2006 meeting.

Target Completion Date: 11/2006

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

Current Status: There were contributions from Starkey Labs (a hearing aid manufacturer) and Panasonic dealing with the measurement of magnetic signaling for hearing aids using a T-coil. There is a current proposal to make SNR (Signal-To-Noise) ratio the metric by which magnetic interference from cordless telephones is evaluated. The information presented raised questions of how to use SNR appropriately as there are many factors such that it is not currently clear how to qualify an SNR measurement with what will actually be acceptable to a hearing aid user. Starkey has agreed to make more measurements using telephones while varying the magnetic signal levels and record the hearing aid outputs from these tests. There was also discussion about performing another subjective study with hearing aid users at the next HLAA (used to be SHHH) conference in Orlando FL June 28, 29, 30, and July 1. This idea will be circulated with the UPED HAC working group and a plan will be made to follow up on this idea. Steve Whitesell agreed to act as the point of contact and coordinator for efforts between Gallaudet (Linda Spytek-Kozma), Starkey Labs, TR-41.3 and UPED.

Target Completion Date: 08/2006

- PN-3-nnny, USB-Based Handsets, Headsets, and Speakerphones (to become ???)

Current Status: Although this project was approved several months ago, the sub-committee is waiting to receive a scope for the project to open a project with TIA. It is possible work may begin on this project after the TIA-810-B ballot is completed and published.

Target Completion Date: ?

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

Current Status: A draft addendum was contributed by Al Baum (Uniden) for changing the P.57 version referenced in TIA-470.110-C. This addendum addresses the artificial ear discrepancy currently included in TIA-470.110-C. In addition, Steve Whitesell agreed to provide background information on noise weighted measurements ('C'-Message and psophometric) which will supplement the noise weighting curves and data already included in TIA-470.110-C. Al Baum agreed to create the document and contribute it to TR-41.3 to be reviewed for a ballot submission.

Target Completion Date: 08/2006

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

Current Status: Significant technical work was completed during the working group meeting. There are several issues expected to be returned from a ballot but the working group decided to close the current document's technical changes, complete an editorial cleanup, and send the document for Committee Ballot. TR-41.3 voted to send the document for a Committee Ballot after editorial cleanup.

Target Completion Date: 11/2006

Plenary Action Requested: TR-41.3 requests concurrence to send TIA-470.120-C out for a Committee Ballot.

Plenary Action Taken: Unanimous concurrence.

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

Current Status: Significant technical work was completed during the working group meeting. The working group decided to close the current document's technical changes, complete an editorial cleanup, and send the document for Committee Ballot. TR-41.3 voted to send the document for a Committee Ballot after editorial cleanup.

Target Completion Date: 11/2006

Plenary Action Requested: TR-41.3 requests concurrence to send TIA-470.130-C out for a Committee Ballot.

Plenary Action Taken: Unanimous concurrence.

- 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: The ballot closed for this addendum with 2 abstain, 12 yes, 1 yes with comments, 0 no, 8 not returned. There is an open question as to the correct title for TIA-470.210-C as multiple titles have been found. James Bress agreed to find the correct solution to edit the title. TR-41.3 agreed to wait until the next TR-41.3 meeting (either in May, or an earlier teleconference if one occurs for other reasons), to vote the document for publication. The delayed vote is required because a publication notice was not on the current TR-41.3 agenda.

Target Completion Date: 05/2006

Plenary Action Requested: TR-41.3 requests concurrence to publish TIA-470.210-C-1 assuming an affirmative vote at the next TR-41.3 meeting.

Plenary Action Taken: Unanimous concurrence.

- PN-3-4350.230-RV3, Network Signaling Performance Requirements for Analog Telephones (to become TIA-470.230-C)

Current Status: Document published in December 2005

Target Completion Date: Project completed

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

Current Status: The ballot closed for this document with 2 abstain, 16 yes, 3 yes with comments, 0 no, 8 not returned. All ballot comments were handled and editorial changes were made. TR-41.3 voted to send the document for publication.

Target Completion Date: 03/2006

Plenary Action Requested: TR-41.3 requests concurrence to publish TIA-470.320-C.

Plenary Action Taken: Unanimous concurrence.

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

Current Status: Work on this project progressed during the meeting with contributions from Sprint. Significant contribution is required to move this project forward.

Target Completion Date: 2/2007

- PN-3-4353-RV2, Transmission Requirements for Narrowband Voice over IP and Voice over PCM Digital Wireline Telephones (to become TIA-810-B)

Current Status: The ballot closed for this document with 4 abstain, 15 yes, 3 yes with comments, 1 no, 8 not returned. The ballot comments were addressed during the TR-41.3.3

meeting and most of the technical issues were resolved. The working group agreed to have a teleconference March 1 if required to review any final technical changes. TR-41.3 voted to have an interim teleconference meeting on March 9, if technical changes are made to hold a vote for sending TIA-810-B out for a re-ballot.

Target Completion Date: 05/2006

Plenary Action Requested: Request concurrence to hold an interim TR-41.3 teleconference meeting to vote to send TIA-810-B for re-ballot. Request concurrence to send the document for re-ballot after a TR-41.3 affirmative vote.

Plenary Action Taken: Unanimous concurrence for both requests.

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

- TR-41.3 held an election for Vice Chair. Joachim Pomy was elected as the TR-41.3 Vice Chair.
- TR-41.3.9 has completed the standard for Cordless Features and Operations (TIA-470.320-C). TR-41.3 agreed to use the TR-41.3.9 working group schedule to work on the TIA-1083 (cordless magnetic noise) standard at the next meeting.
- At the request of TR-41, Telcordia resurrected the DTMF digit simulation tapes and will have the new CD format available very soon. This product will likely be referenced in TIA standards for Telephone Answering Machines (TIA-470.330-C) and Terminal Adapters (TIA-1063).
- TR-41.3 voted to open a project to revise TIA-920 (to be TIA-920-A) for digital wideband telephones. The work for this project will be performed by the TR-41.3.3 working group. TR-41.3 asks concurrence to open this project.

Plenary Action Requested: Request concurrence to open a project (PN-3-4705-RV1) to revise TIA-920.

Plenary Action Taken: Unanimous concurrence.

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

Subcommittee TR-41.4 met on Tuesday and Wednesday, February 14 & 15, 2006.

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: Two contributions were received and significant progress was made. There is a solid outline that was accepted by the committee. However, a new editor is needed.

Target Completion Date: 11/2006 (new)
- PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)
 

Current Status: This work was on hold pending the completion of several other work items. It is unclear if there is continued interest in pursuing this project. A decision will be made at the May meeting.

Target Completion Date: 11/2006 (new)
- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)
 

Current Status: A new draft was presented and several contributions were received. Most open issues have been resolved. However, TR41.4 would like TR41 approval to send a liaison letter to IEEE 802.11. It appears that today there is no mechanism in the 802.11 standards to support the following requirements:

Prioritize voice call access at layer 2 (able to prioritize these calls at the MAC level)

Bandwidth reservation for voice calls (guarantee that call setup by the VoWLAN telephone will be granted by the AP)

Preemption (if necessary , release existing voice calls at the AP level to accept new calls)

Target Completion Date: 11/2006 (new):

Plenary Action Requested for approval: Send liaison letter to IEE 802.11 as indicated.

Plenary Action Taken: Unanimous concurrence for all requests.

- PN-3-0172, Enterprise Location Information Server Interfaces (to become TIA-1049)

Current Status: There continues to be no progress here. However, work is in progress for a new emergency standard which may take advantage of the work to date on this project. That activity may also result in more momentum in completing this project. Hence, the committee feels it would be best to leave this project open at least until the May meeting.

Target Completion Date: 02/2006

- PN-3-0185, Link Level Discovery Protocol (LLDP) – Media Endpoint Discovery (MED)

Current Status: The IPR issues surrounding IETF references had not been resolved as originally believed. New procedures were put in place which required new IPR statements regarding all normative references, not just the IETF normative references. The new IPR statements were made and no IPR was declared. The documents should now be free for publication. In order to expedite that, an email was transmitted to standards@tiaonline.org February 16, 2006.

Target Completion Date: 02/2006

- PN-3-0202, Technical Assessment of Synchronization Methods in IP Networks from a Quality of Experience Perspective

Current Status: No new contributions were received, but the project is still on target for completion in May.

Target Completion Date: 05/2006

- PN-3-4462-RV1, Performance and Interoperability Requirements for Voice-over-IP (VoIP) Telephone Terminals (to become TIA-811-A)

Current Status: The IPR issues surrounding IETF references had not been resolved as originally believed. New procedures were put in place which required new IPR statements regarding all normative references, not just the IETF normative references. The new IPR statements were made and no IPR was declared. The documents should now be free for publication. In order to expedite that, an email was transmitted to standards@tiaonline.org February 16, 2006.

Target Completion Date: 02/2006

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

Current Status: In committee ballot.

Target Completion Date: 05/2006

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

- TR41.4 would like to open a new project to update TIA 912-A to 912-B.

Plenary Action Requested for concurrence: Open a new project to update TIA 912-A

Plenary Action Taken: Unanimous concurrence.



- TR41.4 would like to send a liaison letter to ETSI STQ regarding the new revision of TIA 912-A  
Plenary Action Requested for concurrence: send a liason letter to ETSI STQ regarding TIA 912-B.  
Plenary Action Taken: Unanimous concurrence.
- TR41.4 would like to have TIA issue a press release regarding the new Emergency Calling standard to be written.  
Plenary Action Requested for concurrence.  
Plenary Action Taken: Unanimous concurrence.
- Elections were held for both chair and vice-chair positions. The new chair (by acclimation) is Joanne McMillen. The new vice-chair (by acclimation) is Roger Britt. TR41.4 would like to thank Bob Bell for his years of leadership.

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

Subcommittee TR-41.7 met on Thursday afternoon, February 16, 2006. Its 41.7.4 Working Group met on Monday morning, 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: Document went out for committee ballot and comments received.  
TR41.7.4 received numerous comments on the committee ballot for TIA-571-B. These were not all able to be addressed at the Monday meeting. As a result, TR41.7 had no basis to release the document for ANSI ballot. TR41.7.4 is planning to hold a teleconference meeting on the morning of March 20 to complete the resolution of the comments. TR41.7 is planning a teleconference meeting on the afternoon of March 20 to review the resolutions of the comments and if appropriate, vote on the release of the document for ANSI ballot.  
Target Completion Date: 05/2006  
Plenary Action Requested: TR41.7 is asking concurrence to hold the March 20 teleconference meetings and if a quorum of members votes to accept the resolution of comments and release of the document for ANSI ballot, to complete the process to do so.  
Plenary Action Taken: Unanimous concurrence.
- PN-3-0129, Telecom Circuit Overcurrent Protectors (to be submitted to UL)  
Current Status: The WG continues to work on the document that is planned to be sent to UL for consideration as a seed document for a new UL standard. The main part of the document has been reviewed and is now closed to further discussion unless a written contribution is received with appropriate rationale. At the next meeting the Annexes will begin to be thoroughly reviewed. These contain the details for the various types of components and uses covered by the document. The target date remains the same. Since this is not being developed as a TIA standard, there will not be the need for a lot of time (for ballots) at the tail end of the project before releasing it to UL.  
Target Completion Date: 11/2006

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

- Dan Bart received a letter from UL regarding the future development of a new hazard based UL/CSA Bi-National standard for ITE, telecom and audio/video equipment. The letter was sent to the TIA, ITI, CEA and ATIS and asked if the TIA thought this was a good idea and if they would support it. The TR41.7.1 subcommittee discussed this and will send a memo to

Dan indicating that we agree with the concept and will support the activity as we have supported this type of standards development in the past. We will also suggest that we might be able to offer support in the form of meeting space, co-located with our TR41 meetings. Finally we will emphasize that we believe that it is important that the TIA be part of the standards development group.

- At a past plenary TR41 gave concurrence for TR41.7 to send letters soliciting participation in TR41.7.5. The letters were not sent yet but are now ready.
- TR41.7 has been commenting on a future proposal to reinstate old acoustic measurement couplers back into UL60950. We do not believe that this should be done as it is an inappropriate test method for most modern telephone handsets. A formal proposal for a standards revision will be out soon.

Plenary Action Requested: TR41.7 is asking concurrence to send a compilation of all of our comments made in the past as a negative response to the proposal when it is released, which may be before the next TIA meeting in May.

Plenary Action Taken: Unanimous concurrence.

- TR42 has indicated an interest in working on any future revisions to J-STD-607A, Commercial Building Grounding (Earthing) & Bonding Requirements for Telecommunications. They suggested a joint meeting might be helpful. This standard was developed jointly with ATIS T1E1.7, now NIPP-NEP. TR41.7.1 would like to participate in the development but believes that the main committee probably should be TR42, where there is strong interest in proper grounding for signalling and interference reasons. We will suggest that they take the lead and work with the NIPP-NEP committee, with involvement from TR41.7. The original memo was sent to Steve Whitesell and he will be responding with this recommendation.

#### **e. TR-41.9 – Terminal Attachment Programs – Greg Slingerland**

Subcommittee TR-41.9 met on Tuesday, February 14, 2006. Its 41.9.2 Working Group met on Monday afternoon and on Tuesday morning prior to the TR-41.9 meeting.

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: This document was finalized and voted to TIA and ANSI ballot at this meeting. It was also conditionally voted to publication and submission to the ACTA for adoption.

Target Completion Date: 05/2006

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending SP-3-0016-AD4 to TIA and ANSI ballot.

Plenary Action Taken: Unanimous concurrence.

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending SP-3-0016-AD4 to conditional publication and submission to the ACTA for adoption (conditions are outlined in TR41.9's meeting report).

Plenary Action Taken: Unanimous concurrence.

- 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: This document was finalized and voted to TIA and ANSI ballot at this meeting. It was also conditionally voted to publication (as TIA-1096) and submission to the ACTA for adoption.

Target Completion Date: 05/2006

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending SP-3-0235 to TIA and ANSI ballot.

Plenary Action Taken: Unanimous concurrence.

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending SP-3-0235 to conditional publication (as TIA-1096) and submission to the ACTA for adoption (conditions are outlined in TR41.9's meeting report).

Plenary Action Taken: Unanimous concurrence.

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

Current Status: Work on this document proceeded as is drawing to a close. There are only a few input required before TR41.9.2 can recommend that the draft be sent for ballot. We are hopeful that this document can be voted to ballot and conditional publication at the next meeting.

Target Completion Date: 08/2006

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

Current Status: There were no questions that required us to work on this at this meeting.

Target Completion Date: N/A

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

- With the work on the draft of TSB-31C and TIA-968-A-4 drawing to a close, TR41.9 has decided it is time to start work on drafting TIA-968-B. This revision will include:

Integration of four addenda into the main body of the document.

Many syntax errors and typos that need fixing

Alignment with CS-03 to a point where Industry Canada would point to it (like the FCC does) for its terminal attachment requirements.

Anything else TR41.9 deems necessary to do to TIA-968-A

We have voted to open a project to do this work. Once the project is open we will inform several organizations or individuals that this work is about to start, call for submissions to get things going and invite them to participate so that this work will proceed in a timely fashion (e.g. TCB Council, Conformity magazine, ACTA, test lab requesting TIA-968-B be started).

Plenary Action Requested: TR41.9 seeks TR41's concurrence in opening a project to create TIA-968-B.

Plenary Action Taken: Unanimous concurrence.

- TR41.9 has improved the clarity of the "Technical and Labeling Criteria Dates" document previously sent to the ACTA to help responsible parties know which document packages are available for it to use in certification testing of its product. TR41.9 agree to send this improved document to the ACTA to replace the document it currently has on its web site. It was also agreed to send a copy of this document to the TCB Council so its members would be aware of its existence. The version sent to the ACTA and the TCB Council will be based on submission TR41.9-06-02-006 but with the document cover page removed.

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending the revised "Technical and Labeling Criteria Dates" document to the ACTA with a request that it replace the exiting document on its web site

Plenary Action Requested: TR41.9 seeks TR41's concurrence on sending the revised "Technical and Labeling Criteria Dates" document to the TCB Council with a request that it make this document available to its members.

Plenary Action Taken: Unanimous concurrence for both requests.

- With the need to deal with possible ballot responses to two documents at the next meeting, TR41.9 is requesting that the schedule for the next meeting be as follows:

TR41.9.2 meets for ½ day on Monday afternoon

TR41.9 meets for a full day on Tuesday

#### 4. Liaison Reports

Chair Steve Whitesell indicated he had received a reply from Telcordia (TR41-06-02-008) indicating their intent to go ahead with reviving the DTMF Digit Simulation Test Tapes and making them available on CD ROM. He indicated he had sent an acknowledgement (TR41-06-02-009) to Telcordia and provided information on the documents under development that will call for testing using this source material.

A liaison was received from ACTA (TR41-06-02-010) inquiring if any study was being made to determine if changes in the 2005 National Electrical Code (NEC) affected any of the requirements in TIA-968-A for connecting equipment to the network. Steve sent a liaison reply (TR41-06-02-011) indicating there was no such effort being undertaken. He also noted it was unclear what relationship safety issues addressed by the NEC had to protecting the telephone network from harm. However, he indicated that TR-41.9 would be the proper place to assess any specific issues someone might wish to bring forth.

Steve indicated a liaison reply drafted by TR-41.9 (TR41-06-02-012) had been sent over his signature to the ATIS Network Interface, Power and Protection Committee in response to their letter about the proposed adoption of ESHDSL requirements in TIA-968-A-4. He also indicated a liaison reply had been received from the DSL Forum (TR41-06-02-013a) thanking us for providing Draft 6 of our *Analog Telephone Port Requirements for Packet-based User Premises Terminal Adapters* document (to be published as TIA-1063). They provided us with a copy of their WT-122, *Base Requirements for Consumer Oriented Analog Terminal Adapter Functionality* document (TR41-06-02-013b) and indicated they would like to reference our document in it if we can provide them with a final approved version in a timely manner.

#### 5. Old business

The committee reviewed Draft 2 of the TR-41 Operational Guidelines V1.2. It was pointed out that Clause 2.4 recommends having submission 003 for each meeting as the quorum spreadsheet. Steve will send out a ballot to approve publication.

#### 6. New Business

None

#### 7. Meeting Schedules

##### a. Next Meeting

The next meeting will be held the week of May 8, 2006 in San Jose. 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:

DoubleTree Hotel  
2050 Gateway Place  
San Jose, CA, 95110  
Phone: 408-453-4000  
Fax: 408-437-2898  
Room Rate: \$139 + 10% tax  
Cut off date: April 7, 2006

##### b. Future Meetings

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

**Date**  
August 14-18, 2006  
November 6-10, 2006

**Location**  
Montreal (??)  
Las Vegas, NV

**8. Adjournment**

There being no further business, the meeting was adjourned at 9:50 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Roger Britt  
Vice Chair, TR-41

Stephen R Whitesell  
Chair, TR-41

Appendix A  
Tentative TR-41 Meeting Schedule for Date

MONDAY 0830 – 1230 8 May 2006	TR-41.3.3 Digital Xmission Perf (Macdonald – 25)	TR-41.7.4 Environmental (McKinnon – 20)		
MONDAY 1330 – 1730 8 May 2006	TR-41.3.3 Digital Xmission Perf (Macdonald – 25)		TR-41.9.2 Part 68 Measurements (Slingerland – 20)	
MONDAY 1800 – 1930 8 May 2006	TR-41 Leadership User Premises Eqpmt (Whitesell – 20)			
TUESDAY 0830 – 1230 9 May 2006	TR-41.3.11 Headset Telephones (Woo – 25)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9 Regulatory (Slingerland – 20)	
TUESDAY 1330 – 1730 9 May 2006	TR-41.3.10 Hands Free Telephones (Baum – 25)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9 Regulatory (Slingerland – 20)	
TUESDAY 1930 – 2200 9 May 2006	TR-41.3.13 Harmonization (McKinnon – 25)			
WEDNESDAY 0830 – 1230 10 May 2006	TR-41.3.9 Cordless Telephones (Bress – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	
WEDNESDAY 1330 – 1730 10 May 2006	TR-41.3.12 Telephone Ans Devices (Ray – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	
WEDNESDAY 1930 – 2200 10 May 2006				
THURSDAY 0830 – 1230 11 May 2006		TR-41.1.1 Analog Port TA (Bress – 20)	TR-41.7.1 Int'l Safety Standards (Ivans – 20)	
THURSDAY 1330 – 1730 11 May 2006	TR-41.3 Wireline Terminals (Bress – 20)	TR-41.1 MLTS & VoIP Eqpmt (Pomy – 20)	TR-41.7 Environmental & Safety (Ivans – 20)	
THURSDAY 1930 – 2200 11 May 2006				
FRIDAY 0800 – 1030 12 May 2006	TR-41 Plenary User Premises Eqpmt (Whitesell – 20)			

**Appendix B  
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-06-05-001	Chair	Agenda for Palm Springs Meeting
TR41-06-05-002	Secretary	Santa Fe Meeting Report
TR41-06-05-003-MR1	Pomy	TR-41.1 Chair's Report
TR41-06-05-004-MR2	Bress	TR-41.3 Chair's Report
TR41-06-05-005-MR1	McMillen	TR-41.4 Chair's Report
TR41-06-05-006-MR1	Ivans	TR-41.7 Chair's Report
TR41-06-05-007-MR1	Slingerland	TR-41.9 Chair's Report
TR41-06-05-008	Telcordia	Liaison Reply on DTMF Digit Simulation Test Tapes
TR41-06-05-009	Chair	Liaison Acknowledgement to Telcordia
TR41-06-05-010	ACTA	Liaison Concerning 2005 National Electrical Code (NEC)
TR41-06-05-011	Chair	Liaison Reply to ACTA on 2005 NEC Inquiry
TR41-06-05-012	Chair	Liaison Reply to NIPP-NAI on ESHDSL Criteria in Draft 968-A-4
TR41-06-05-013a	DSL Forum	Liaison Reply on Analog Terminal Adapter Requirements
TR41-06-05-013b	DSL Forum	WT-122 Draft v4 on Analog Terminal Adapter Functionality
TR41-06-05-014	Slingerland	TR-41 Operational Guidelines v1.2 Draft 2
TR41-06-05-014a-L	Slingerland	TR-41 Operational Guidelines v1.2 Draft 2 with Changes Marked