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Approved by General Counsel

TR-41 Meeting Report

Date: 05/08/09

Location: Indianapolis, IN

Approved: 6/30/09

T# 11358

**Telecommunications Industry Association
Standards and Technology Department**

**Engineering Committee TR-41
User Premises Telecommunications Requirements**

Meeting Report

**Chair: Stephen R. Whitesell
Vice-Chair: Al Baum
Secretary: Phillip Havens**

**Date: May 8, 2009
Venue: Embassy Suites
City: Indianapolis**

1. Call to Order and Opening Business

a. Call to Order and Introductions

Chair Steve Whitesell called the meeting to order at 8:10 am, and the attendees introduced themselves.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 6 of 8 voting member companies represented. Since this was the third consecutive meeting at Telcordia was not represented, they were removed from the quorum list prior to the determination of quorum. Thomson was also removed from the quorum list because they have dropped their TIA Membership and indicated they no longer intend to participate in TR-41 standards activities.

1) Quorum Members or Alternates Present

Embarq – Amar Ray

Littelfuse – Phillip Havens

Plantronics – Allen Woo

UL – Randy Ivans

Uniden – Al Baum

VTech – Steve Whitesell

2) Quorum Members Absent

AST – James Bress

Cisco – Kirit Pate

3) Others Present

Industry Canada – Matthew Mulvhill

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 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 the head of TIA's Standards Program on a case-by-case basis.

d. Review and Approve Agenda

The agenda was submitted for review and approved with the deletion of the old business items related to comment resolution on the TIA-594-B and TIA-689-A reaffirmation ballots. The chair explained he had been delinquent in getting these old TR41.4 documents submitted for ballot.

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.

f. Chair's Remarks

A few questions were answered regarding TIA patent and IP policies. Neither new patents nor pending patents were disclosed. Elections will be held during the November 2009 meeting. A TR41 meeting will be held on Monday evening during the November meeting for the TR41 Chair and Vice Chair elections. The subcommittee Chair and Vice-Chair elections will be held during the individual meetings by TIA staff. TIA will send out reminders to TIA members in the August time frame. Feedback on the meeting location indicated people were quite happy with it, particularly with respect to the large number of restaurants within easy walking distance.

g. TIA Staff Remarks

During the last meeting we discussed out reach to target companies. Contact will begin in the near future in a recruiting effort for TIA attendance. This list consists of Polycom, Microsoft, Apple, Skype, Telcordia, and Microtronix. A contact for Wal-Mart is still being sought. TIA is encouraging members to list other areas that TIA could get involved in. Stephanie mentioned TIA is exploring efforts to become involved in standards related to Telematics, Health Care, and Greenness, including Energy Efficiency. Al Baum suggested Accessibility might be another possible area.

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

Subcommittee TR-41.3 met on Thursday afternoon, May 8, 2009. 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.

- SP-3-0219-RV1, Handset Magnetic Measurement Procedures and Performance Requirements (to become ANSI/TIA-1083-A)

Current Status: Working Group TR-41.3.9 met on Thursday morning, May 7, 2009. The Chair was not present so the Chair of TR-41.3 served as Acting Chair for this meeting. An Industry ballot is currently opened for this draft standard. The ballot will close on 6-8-09. In the ballot document, the test stimulus level for digital telephones was based on the loss plan info in TIA-912. After the ballot was opened it was discovered that a key value was changed by 3dB in subsequent revisions of TIA-912 (A and B). Joachim Pomey called in to the

meeting from Germany to explain why the value was changed in TIA-912-A. Joachim advised that we should use the value in the B version. To do this will require a change in the ballot version of the document.

The WG received seven submissions regarding a C63.19 proposed change in the spectral and temporal weighting of the magnetic noise measurement. Stephen Julstrom and Linda Kozma-Spytek called in for this discussion. Additional work will be needed to implement the temporal weighting in the test systems used by the WG members and then round robin testing will be conducted to confirm the impact of this change.

Target Completion Date: 11/2009

- PN-3-4350.000-RV4, Overview of Performance Standards for Analog Telephones (to become TIA-470.000-D)

Current Status: The ballot closed on 3-2-09. There were 11 "Approve", 2 "Approve with Comments", 1 "Do Not Approve with Comments", 1 "Abstain", and 8 "Ballots Not Returned". The Subcommittee reviewed all of the ballot comments and made significant changes to the draft document. The Subcommittee voted to send the revised draft out for another Letter Ballot.

Target Completion Date: 11/2009

Plenary Action Requested: Concurrence to send PN-3-4350.000-RV4 to Letter Ballot.

Plenary Action Taken: Unanimous concurrence.

- SP-3-4350.120-RV3, Speakerphone Acoustic Performance Requirements for Analog Telephones (to become ANSI/TIA-470.120-C)

Current Status: An Industry ballot is currently opened for this draft standard. The ballot will close on 5-25-09. During the May meeting, the WG made editorial changes to the wording associated with the receive and send frequency response measurements. The WG also discussed the possibility of adding a send level requirement per IEEE Std 1329. Glenn Hess agreed to submit a contribution to the August virtual meeting regarding Send Level and Send Level Directionality.

Target Completion Date: 11/2009

- SP-3-4350.210-RV4, Resistance and Impedance Performance Requirements for Analog Telephones (to become ANSI/TIA-470.210-D)

Current Status: The ballot closed on 3-16-09. There were 14 "Approve", 2 "Approve with Comments", 2 "Abstain", and 5 "Ballots Not Returned". The Subcommittee reviewed all of the ballot comments and made editorial changes to the balloted document. The Subcommittee voted to send the edited ballot version to TIA for publication.

Target Completion Date: 05/2009

Plenary Action Requested: Concurrence to send the edited version of SP-3-4350.210-RV4 to TIA for publication.

Plenary Action Taken: Unanimous concurrence.

- SP-3-4350.310-RV4, Cordless Telephone Range Measurement Procedures (to become ANSI/TIA-470.310-D)

Current Status: The ballot closed on 3-16-09. There were 14 "Approve", 2 "Approve with Comments", 2 "Abstain", and 5 "Ballots Not Returned". The Subcommittee reviewed all of the ballot comments and made editorial changes to the balloted document. The Subcommittee voted to send the edited ballot version to TIA for publication.

Target Completion Date: 05/2009

Plenary Action Requested: Concurrence to send the edited version of SP-3-4350.310-RV4 to TIA for publication.

Plenary Action Taken: Unanimous concurrence.

- PN-3-4350.330-RV3, Telephone Answering Devices (to become ANSI/TIA-470.330-C)

Current Status: Steve Whitesell submitted a proposed version of a completely reorganized draft document. The WG edited this submission and agreed to accept this edited version as the official draft of the document.

Target Completion Date: 05/2010

- PN-3-4705.000-RV1, Overview of Acoustic Requirements for Wideband Digital Wireline Telephones (to become TIA-920.000-A)

Current Status: The ballot closed on 5-4-09. There were 12 "Approve", 3 "Approve with Comments", 5 "Abstain", and 8 "Ballots Not Returned". The Subcommittee reviewed all of the ballot comments and made editorial changes to the balloted document. The plan is to publish the document as a TIA standard together with TIA-920.110-A and TIA-920.130-A when TIA-920.110-A and TIA-920.130-A are ready. After it is published as a TIA standard the group may decide to request TR-41.3 to open a project to make this standard an ANSI standard.

Target Completion Date: 11/2009

- PN-3-4705.110-RV1, Transmission Requirements for Wideband Digital Wireline Telephones with Handsets (to become TIA-920.110-A)

Current Status: The ballot closed on 5-3-09. There were 9 "Approve", 3 "Approve with Comments", 3 "Do Not Approve with Comments", 4 "Abstain", and 12 "Ballots Not Returned". All comments received were addressed during the meeting except the comments from AST Technology Labs, Inc. as its comments were based on an old draft of the document. The Chair of TR-41.3.3 will contact AST to investigate this issue.

The WG plans to have another Letter Ballot after all the changes are completed in response to the ballot comments. The WG plans to publish the document as a TIA standard together with TIA-920.000-A and TIA-920.130-A after the second Letter Ballot passes. After it is published as a TIA standard the group may decide to request TR-41.3 to open a project to make this standard an ANSI standard.

Target Completion Date: 11/2009

- PN-3-4705.130-RV1, Transmission Requirements for Wideband Digital Wireline Telephones with Headsets (to become TIA-920.130-A)

Current Status: The ballot closed on 5-3-09. There were 8 "Approve", 3 "Approve with Comments", 3 "Do Not Approve with Comments", 4 "Abstain", and 13 "Ballots Not Returned". Almost all of the comments received were addressed during the meeting except the comments from AST Technology Labs, Inc. as its comments were based on an old draft of the document. The Chair of TR-41.3.3 will contact AST to investigate this issue.

The WG wasn't able to resolve one technical ballot comment during the meeting. It is the Headset Send and Receive Delay requirement. The interested parties will work off-line to resolve the issue and then report back to the group.

The WG plans to have another Letter Ballot after all the changes are completed in response to the ballot comments. The WG plans to publish the document as a TIA standard together with TIA-920.000-A and TIA-920.110-A after the second Letter Ballot passes. After it is published as a TIA standard the group may decide to request TR-41.3 to open a project to make this standard an ANSI standard.

Target Completion Date: 11/2009

- PN-3-4159-RV1, Automatic Stutter Dial tone Detection Performance (to become TIA-855-A)

Current Status: At the November meeting the Chair/Editor agreed to propose document text to address other clauses previously proposed for clarification. The Working Group expects to complete the revision of the draft at the next meeting and submit the draft to TR-41.3 for Industry Ballot.

Target Completion Date: 11/2009

b. TR-41.7 – Environmental and Safety Considerations - Randy Ivans

Subcommittee TR-41.7 met on Thursday afternoon, May 7, 2009. We did not have a quorum. 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-3-0340, Telecom Circuit Overcurrent Protectors Application Guide

Current Status: TR41.7.5 met for a full day Wednesday but did not finish reviewing the entire document to get it ready for ballot. Our plan is to circulate the document as revised during this week to the WG and request everyone to review the final sections and provide written contributions for any revisions. Randy Ivans will incorporate any changes into the document. The final draft of the document will be sent out to the WG and a teleconference meeting called for TR41.7 (including TR41.7.5 WG members) to discuss and approve to send out to ballot. The plan is to publish the guide as a TSB.

Target Completion Date: 02/2010

Plenary Action Requested: Request approval to hold a teleconference meeting of TR41.7 in July or August (with proper notification) to approve the final draft of the application guide and send it to committee ballot.

Plenary Action Taken: Plenary took note of the intent that TR 41.7 will hold an interim meeting and informed the TR41.7 Chair that Plenary approval is not required.

- PN-3-3210-RV2, Radio Frequency Immunity Requirements (to become TIA-631-B)

Current Status: We received no contributions for this project. It is anticipated that we will be receiving contributions to update this standard and include an informative annex for non-handset devices like speakerphones for the next meeting in November.

Target Completion Date: 02/2010

- PN-3-0339, Ethernet First Mile Overvoltage Tests

Current Status: We received plenary concurrence to close this project last meeting. A request was not made so it is still open. We have since received a request to keep it open, as it appears there is renewed interest in this topic. I would like to keep this open and if no contributions or activity occurs by November we will close it then.

Target Completion Date: 03/2010

Plenary Action Requested: Request concurrence to reopen this project (i.e. don't close it). Motion/Request made by Randy Ivans as individual since TR41.7 did not have a quorum and seconded by Phillip Havens. Discussed was held.

Plenary Action Taken: Unanimous approval.

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

- TR41.7.1 discussed a contribution from Allen Woo on acoustic requirements for PMPs (Personal Music Players) that he made to IEC TC108 for inclusion into the second edition of IEC 62368 (Hazard Based Standard for ITE/Telecom/audio equipment). The WG and TR41.7 subcommittee recommended that this proposal be integrated with the TIA's previous proposal

for acoustic requirements for telephones we made for UL60950-1 and submit it to the UL Technical Harmonization Committee for inclusion into the first edition of UL/CSA 62368. Randy Ivans and Allen Woo agreed to do the final editing and the chair agreed to forward it to UL for consideration before the first meeting of the THC (maybe as early as July!).

Plenary Action Requested: Randy Ivans, as an individual requested approval to finish the editing and send the proposal for acoustic limiting of PMP and telecom equipment to UL for consideration as a national deviation in the first edition of UL/CSA 62368. Phillip Havens seconded this motion. No discussion.

Plenary Action Taken: Unanimous approval.

- TR41.7 was asked by UL to look at the current requirements of UL60950-21 dealing with remote feed circuits (RFT-V) that can be as high as $\pm 200V$. There are some inconsistencies regarding grounding these circuits at the source as is common practice and the isolation requirements currently in the standard. TR41.7.1 / TR41.7 determined that grounding the circuit is not a problem as long as there is a solid and reliable ground. We agreed to comment back to UL with this information along with an offer to draft a proposal for revision to the standard if UL would like us to do that. Since the ATIS NIPP-NEP committee would also have an interest in this from a network perspective, TR41.7 also suggested that if we draft a proposal that we also circulate it to that committee for input and comment. Phillip Havens is chairman of that committee and agreed that this would be a good idea.

Plenary Action Requested: Randy Ivans, as an individual, requested approval to comment back to UL on the requirements, offer to draft a proposal and circulate the proposal to TR41.7 and NIPP-NEP. Phillip Havens seconded the motion. No discussion.

Plenary Action Taken: Unanimous approval.

- TR41.7 discussed the chairman elections in November. Subcommittee members are encouraged to consider running or nominating someone for this position. In the event that nobody steps up to run for the position, Randy Ivans will check with his company to see if they will continue to support him for an additional term.

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

Subcommittee TR-41.9 met on May 5, 2009. Its 41.9.1 Working Group met on Monday, May 4.

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

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

Current Status: Sent out for default letter ballot May 5, 2009

Target Completion Date: 08/2009

Plenary Action Requested: Phillip Havens, as an individual, requested approval to proceed to publication and forward the document to the ACTA if all ballots votes are "yes". Otherwise, he requested approval to hold a conference call with an ad hoc group and the editor to resolve any "yes" votes with editorial comments on July 8th at 11:30AM CDT and proceed to publication and forward to the ACTA. If the voting results in either "yes" votes with technical comments or "no" votes with comments then he requested approval to hold a conference call quorate meeting on July 22nd at 11:30AM CDT. Randy Ivans seconded the motion.

Plenary Action Taken: Unanimous approval.

- PN-3-0017-RV2, TSB-129-B Telecommunications - Telephone Terminal Equipment - U.S.Network Connections Regulatory Approval Guide

Current Status: Currently working on this document, Trone Bishop has agreed to serve as Editor.

Target Completion Date: 11/2009

Plenary Action Requested: Phillip Havens, as an individual, requested approval to send section 8 and Appendix E to the ACTA for their review and comments. Randy Ivans seconded the motion.

Plenary Action Taken: Unanimous approval.

- PN-3-3602-RV3-AD1, Rationale and Measurement Guidelines for TIA-968, Addendum 1 (to become TSB-31-C-1)

Current Status: Published February 2009

- PN-3-3602-RV4, Rationale and Measurement Guidelines for TIA-968-B, (to become TSB-31-D)

Current Status: Waiting for TIA-968-B to be released

Target Completion Date: 05/2010

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

Current Status: No new FAQs for the website.

Target Completion Date: N/A

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

- The question was asked if TR41.9 should look at the impact that home networks have on CPE satisfaction of PSTN connection. TR41 overall, not necessarily TR 41.9 should be involved in this issue where a requirement for minimum service for the network is set; for example; is a current customer problem that is using a wide-band connection with the home network or with the PSTN connection? Most of the time the local telephone service provider is targeted as the problem, when in fact it could be the home network side that is faulty. How can this be monitored better from an industry point of view?
- For information only: Being discussed by the ACTA and TIA is a joint educational seminar jointly hosted to occur in late 2009 or 2010 in an electronic version instead of face-to-face version.
- TR41.9 request a full day meeting for TR41.9.1 on Tuesday of the next meeting week and a full day meeting for TR41.9 on Wednesday of the next meeting week.

4. Liaison Reports

No liaison reports.

5. Old business

The product status spreadsheet was shown and discussed (TR41-09-05-008) and the Chairs were encouraged to update this spreadsheet.

Chair Steve Whitesell indicated he had been delinquent in getting former TR-41.4 documents TIA-594-B and TIA-689-A submitted for reaffirmation ballot as had been approved at the February meeting. He will make sure this gets done.

The vote to reaffirm TSB-147, *Telecommunications – Multiline Terminal Systems – Comparison of PBX Transmission Requirements in Standards TIA-464-C and ETSI ES 201 168 Version 1.1*, had been delayed at the February meeting when it was determined that the latest version of the ETSI document was Version 1.2.1. Steve Whitesell investigated this and determined that there was apparently a typo in the title of the document because its scope clearly indicates the comparison is to Version 1.2.1. Steve made a motion to reaffirm the document and to correct its title to refer to ETSI ES 201 168 Version 1.2.1. Al Baum seconded the motion. Unanimous concurrence.

6. New Business

Al Baum discovered during a ballot comment process that two documents, TIA470.110-C and TIA-470.210-C had been published with different titles depending on how the document was distributed.

The complimentary copies distributed to those who voted on the standard had different titles from those purchased through TIA's publisher.

7. Meeting Schedules

a. Next Meeting

During the February meeting, a decision was made to skip the face-to-face meeting of TR-41 and its subcommittees and working groups that would normally be held in August. Instead TR-41 will hold a virtual meeting using WebEcho and Teleconference facilities on Friday August 14, 2009 from 1:00 to 3:00 pm EDT. A call-in number will be included in the meeting notice. Participants are advised that participation in the meeting counts towards maintenance of quorum and voting rights.

The next face-to-face meeting is tentatively scheduled for November 13, 2009 at the Embassy Suites Hotel in Las Vegas. Detailed information will be provided in the meeting notice once the contract with the hotel is finalized.

b. Future Meetings

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

Date	Location
February 8-12, 2010	TBD
May 3-7, 2010	TBD

8. Adjournment

There being no further business, the meeting was adjourned at 10:15 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
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-09-05-001-MR1	Chair	Agenda for Indianapolis Meeting
TR41-09-05-002-MR1	Chair	Document List
TR41-09-05-003	Chair	Savannah Meeting Report
TR41-09-05-004-MR1	Chair	Attendance Spreadsheet
TR41-09-05-005-MR1	Baum	TR-41.3 Chair's Report
TR41-09-05-006-MR1	Ivans	TR-41.7 Chair's Report
TR41-09-05-007-MR1	Havens	TR-41.9 Chair's Report
TR41-09-05-008	Baum	Project Status Report