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Approved by General Counsel

TR-41 Meeting Report

Date: 05/07/10

Location: Nashville, TN

Approved: 08/10/10

**Telecommunications Industry Association
Standards and Technology Department**

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

Meeting Report

**Chair: Stephen R. Whitesell
Vice-Chair: Currently Open
Secretary: Phillip Havens**

**Date: May 7, 2010
Venue: Embassy Suites
City: Nashville, TN**

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 6 of 8 voting member companies represented.

1) Quorum Members or Alternates Present

AST – James Bress

Cisco – Tim Lawler

Littelfuse – Phillip Havens

Plantronics – Allen Woo

UL – Randy Ivans

VTech – Steve Whitesell

2) Quorum Members Absent

Uniden – Al Baum (excused)

CenturyLink – Amar Ray

3) Others Present

ACTA – John Bipes

Industry Canada – Matthew Mulvihill

Industry Canada – Amy Oke

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 R2 version of the agenda was submitted for review and accepted.

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, including requirements introduced through normative references, 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

The Chair indicated that Stefanie Montgomery is no longer supporting TR41 since she has changed job responsibilities within TIA. The expectations are that TIA will not send on-site support staff in the near future for TR41 meetings. The Chair discussed some access issues related to ADA that may be of interest to TIA members. The balloting system is undergoing changes to relieve some ballot resolution issues. If one does not vote in three successive ballots, then one will be removed from the automatic ballot pool. The Chair announced that Stephanie had a baby girl!!!! Congratulations to Stephanie.

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 – Jim Bress-Acting Chair

Subcommittee TR-41.3 met on Thursday afternoon, May 6, 2010. 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 TIA-1083-A)

Current Status: Issues related to the definition of dBm0, reference CODECs and CODECs were discussed and resolved. The introduction, scope, and other text were modified to limit references to G.711 and L16-256 to the testing methods and setup. All references to digital test signals in the measurement procedures are described as "dBm0" only. L16-256 was defined as having an overload point of +3.17 relative to full scale (back to the original definition). The latest definitions and descriptions for dBm0 and reference CODECs will be presented to TR41.3.3 for consideration to be included in TIA-920.xxx-A.

TR-41.3 voted affirmatively to send TIA-1083-A out for ballot.

Target Completion Date: Aug-2010

Plenary Action Requested: For concurrence to send TIA-1083-A out for ballot

Plenary Action Taken: Unanimous concurrence.

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

Current Status: Needs to be reballoted.

- Target Completion Date: 11/2010
- PN-3-4350.110-RV4, Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-D)
Current Status: Work has slowed on this project waiting for completion of TIA-1083-A. Anticipate work will pick up to include performance requirements for conversational gain, parameters for hearing impaired features and performance, changing desired frequency response masks to mandatory, and adding new SDNR tests.
Target Completion Date: 5/2011
 - PN-3-4350.120-RV3, Speakerphone Acoustic Performance Requirements for Analog Telephones (to become TIA-470.120-C)
Current Status: Document has been submitted to TIA for publication.
Target Completion Date: 05/2010
 - PN-3-4350.210-RV4, Resistance and Impedance Performance Requirements for Analog Telephones (to become TIA-470.210-D)
Current Status: Document has been published.
 - PN-3-4350.310-RV3, Cordless Telephone Range Measurement Procedures (to become TIA-470.310-D)
Current Status: Document has already been voted to be published. Final editorial changes required and to be submitted by the editor.
Target Completion Date: 05/2010
 - PN-3-4350.330-RV3, Telephone Answering Devices (to become TIA-470.330-C)
Current Status: Work is continuing on this document. Waiting for a few key contributions to complete the document and prepare to send for ballot. This will be the first known standard for telephone answering devices.
Target Completion Date: 11/2010
 - PN-3-4705.000-RV1, Overview of Acoustic Requirements for Wideband Digital Wireline Telephones (to become TIA-920.000-A)
Current Status: Already voted to be published. Waiting for publication of any of the TIA-920.xxx-A to publish.
Target Completion Date: 11/2010
 - PN-3-4705.110-RV1, Transmission Requirements for Wideband Digital Wireline Telephones with Handsets (to become TIA-920.110-A)
Current Status: Agreed to keep the 0 dBm0 definition for the L16-256 codec at +3.17 dB. Work continuing to define dBm0 and how to specify testing with different codecs. Anticipate using information from the TIA-1083-A draft to move this forward. Should be ready for ballot once these issues are resolved.
Plan 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 attempt an Industry Ballot for this standard to make it as an ANSI/TIA standard.
Target Completion Date: 11/2010

- PN-3-4705.120-RV1, Transmission Requirements for Digital Wireline Speakerphones (to become TIA-920.120-A)

Current Status: Waiting for completion of TIA-920.110-A and TIA-920.130-A to start the work on revising the wideband speakerphone requirements. Plan is to use test methods established in TIA-470.120-C.

Target Completion Date: 08/2011

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

Current Status: See PN-3-4705.110-RV1 above.

Target Completion Date: 11/2010

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

Current Status: Document will be sent out for ballot next week.

Target Completion Date: 08/2010

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

- TR41.3 requests TR-41 chair to organize scheduling of TR-41 August teleconference meetings.

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

Subcommittee TR-41.7 met on Thursday afternoon, May 6, 2010. Its TR-41.7.1 Working Group met on Wednesday afternoon and Thursday morning.

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

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

Current Status: TR41.7 received a contribution TR41.7-10-05-006 with a draft outline of a standard. An initial comment was to add Cable Discharge Events (CDE). The chair asked the members if there is still enough interest in this project to proceed with the work. All agreed that there is definitely increasing interest and need for this standard. There is international interest as well and someone pointed out that ITU-T Study Group 5 Working Party 1, Question 4 is dealing with Ethernet testing issues.

Target Completion Date: 02/2011

- PN-3-0340, Telecom Circuit Overcurrent Protectors Application Guide

Current Status: This application guide was approved by the plenary previously to go to committee ballot. Conflicting priorities on the chair's part delayed this action. The chair expects to get this out to ballot 2Q 2010.

- PN-3-xxxx, Protection of Home Networking Systems related to SmartGrid Technologies (adjust project name as appropriate)

Current Status: A project was requested via the TIA website.

Al Martin provided the TR41.7 committee with an updated draft of the proposed standard for review by TR41.7. He led a discussion of the draft standard. It was decided that members carefully review the new draft document and provide questions and comments to Al Martin prior to the anticipated July 20 tele-web conference. Al agreed to provide an updated draft prior to the meeting for discussion and review. We anticipate that the document will be essentially ready for ballot after the July meeting. Our plan is to have subcommittee and plenary approval to go out to ballot at the August web/teleconferences.

Target Completion Date: 02-2011

Plenary Action Requested: TR41.7 requests concurrence to hold an interim meeting on or about July 20, 2011 specifically to review an updated draft of the standard.

Plenary Action Taken: No Plenary action required but intent to hold meeting noted.

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

Current Status: The plenary approved the draft to go out to ballot at the February meeting. Because of administrative problems associated with ANSI process, balloting was delayed. Steve Whitesell has been working in this issue with the TIA and it is anticipated that the document will go out for ballot shortly. We are extending the target completion date to accommodate this delay.

Target Completion Date: 11/2010

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

- TR41.9 asked TR41.7 to consider a proposal to add multiple surges to TIA-968-B. TR41.7 considered the proposal and decided:
 1. Five surges of each polarity is appropriate and aligns with international standards.
 2. It is appropriate to specify a cool down period between surges
 3. The surges should be applied with alternating polarity rather than five plus surges followed by five minus surges.
- TR41.7.1 started reviewing the IEC 62368 standard with the intent of making sure telecom specific items are carried over from the current UL/CSA 60950-1 standard. We found that an impulse test option was missing from isolation requirements and will request that this be included as a national deviation. We also found during our analysis that the isolation requirements between exposed circuits and user held/contact devices like handsets and head sets was relaxed and could pose a serious safety issue. The WG will draft a revision for UL/CSA to consider as a fix for this issue. This outcome of this initial review work highlights the importance of the work being done by TR41.7.1 with regard to IEC 62368.

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

Subcommittee TR-41.9 met on Wednesday, May 5, 2010 with. Its 41.9.1 Working Group met on Tuesday.

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) Errata Sheet

Current Status: The Errata Sheet has been published and accepted by the ACTA.

Target Completion Date: Completed.

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

Current Status: Exceptional progress made during the TR41.9.1 working group meeting.

Target Completion Date: 08/2010

Plenary Action Requested: Concurrence to hold conference call meeting of TR41.9.1 on July 8 and then proceed to ballot. If ballot process results in only "YES" responses without any "NO" votes nor any "votes with comments", request to move to publication.

Plenary Action Taken: Unanimous concurrence.

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

Current Status: Work is continuing but the target completion is changed to February 2011.

Target Completion Date: 02/2011

Plenary Action Requested: Concurrence to hold conference call meeting of TR41.9 Ad Hoc for TSB-31-D on June 9.

Plenary Action Taken: No Plenary action required but intent to hold meeting noted.

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

Current Status: A new FAQ item was discussed and added (see contribution TR41.9-10-05-014M). This contribution provides a list of typical equipment that is subject to TIA-968-B and CS03 registration.

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

Plenary Action Taken. Unanimous concurrence.

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

- August Teleconference Meeting

Plenary Action Requested: Concurrence to hold conference call meeting of TR41.9 on August 11 at 1:00 PM EST.

Plenary Action Taken: No Plenary action required but intent to hold meeting noted.

- A new contribution discussed the possibility of increasing the number of lightning surges for Type A and Type B surges in TIA-968-B. The committee asked that this topic be referred to TR41.7 for their opinion and feedback also.
- TR41.9 is attempting to gain more marketing information regarding wireline information in North America to gauge the amount of work and time needed for future TR41.9 meetings. Several avenues were discussed that may be able to provide this. TIA just released their Market Study and the FCC also has some market studies. Other sources of information are sought.

4. Liaison Reports

a. ANSI Product Accreditation Services – Steve Whitesell

A letter to ANSI regarding the check list for TCB evaluation (see -009) was sent out under Steve Whitesell's signature and a response was received. This was discussed during the TR41.9 subcommittee meeting also.

5. Old business

The topic of the obligation of a Subcommittee Chair in the case where the TR-41 Plenary disagrees with a decision made by a Subcommittee when the decision is brought to the Plenary for concurrence was discussed (see -010-L). Chair Steve Whitesell pointed out that the Plenary does NOT hold veto power, but that the opinion of the Plenary, which represents a broader point of view, should be considered by the Subcommittee. He proposed the following procedure be followed:

Substantive decisions made by Subcommittees in the process of developing a document should normally be brought to the TR-41 Plenary for concurrence. If the Plenary fails to concur, the Subcommittee Chair will report the objections raised in the Plenary back to his/her Subcommittee to see if they can be reconciled. After the Subcommittee reviews and considers the objections, it may decide to make changes in its document or decision, or it may decide to go ahead as originally intended (i.e., the Plenary does not have veto power). The Chair of the Subcommittee will then report the outcome of its reconsideration to the Plenary.

Steve indicated he would use the above as the basis for an addition to the TR-41 Procedures and Guidelines document.

The TR41 Chair made a call for TR41 Vice-Chair, TR41.7 Vice-Chair, and TR41.9 Chair and Vice-Chair leadership positions.

6. New Business

A question was asked about a quorum member leaving during a meeting and its effect on voting during the meeting. The Chair will investigate the implications and report back.

7. Meeting Schedules

a. Next Meeting

The next meeting be a series of virtual teleconference meetings held during the first two weeks of August. It will culminate with the TR-41 Plenary being held from 1:00 to 3:00 pm EDT on Friday, August 13, 2010. In general working group meetings should be held earlier in the two-week period followed by subcommittee meetings.

b. Future Meetings

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

Date	Location
Nov 8-12, 2010	Salt Lake City, Las Vegas ??
Feb 7-11, 2011	
May 2-6, 2011	
Aug 8-12, 2011	
Nov 7-11, 2011	

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 August 2010

Day	Date	Time	Group
Monday	August 2	12:00 to 4:00	TR-41.7.1
Tuesday	August 3	1:00 to 3:00	TR-41.3.3
Wednesday	August 4	2:00 to 4:00	TR-41.3.12
Thursday	August 5	1:00 to 2:00	TR-41.9 Ad Hoc (TSB-31-D)
Friday	August 6		
Monday	August 9	1:00 to 3:00	TR-41.3.2
		3:00 to 5:00	TR-41.3.9
Tuesday	August 10	1:00 to 3:00	TR-41.3.5
Wednesday	August 11	11:00 to 2:00	TR-41.9
Thursday	August 12	12:00 to 4:00	TR-41.3
			TR-41.7
Friday	August 13	1:00 to 3:00	TR-41 Plenary

**Appendix B
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-10-05-001-R2	Chair	Agenda for Nashville Meeting
TR41-10-05-002-R1	Chair	Document List
TR41-10-05-003	Chair	Ft Myers Meeting Report
TR41-10-05-004-MR1	Chair	Attendance Spreadsheet
TR41-10-05-005-M	Baum	TR-41.3 Chair's Report
TR41-10-05-006-M	Ivans	TR-41.7 Chair's Report
TR41-10-05-007-M	Havens	TR-41.9 Chair's Report
TR41-10-05-008		
TR41-10-05-009	Chair	Letter to ANSI Accreditation Services re TCB Evaluation Form
TR41-10-05-010-L	Chair	Proposal for Policy on Plenary Concurrence