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Approved by General Counsel

TR-41 Meeting Report

Date: 11/12/10

Location: SaltLakeCity, UT

Approved: 12/06/10

**Telecommunications Industry Association
Standards and Technology Department**

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

Meeting Report

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

**Date: November 12, 2010
Venue: Embassy Suites
City: Salt Lake City, UT**

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 5 of 8 voting member companies represented.

1) Quorum Members or Alternates Present

AST – James Bress	UL – Randy Ivans
Littelfuse – Phillip Havens	VTech – Steve Whitesell
Plantronics – Allen Woo	

2) Quorum Members Absent

CenturyLink – Amar Ray	Cisco – Tim Lawler
Uniden – Al Baum (excused)	

3) Others Present

Industry Canada – Magdoly Rondon
Industry Canada – Mathew Mulvihill

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

An amended version (TR41-10-11-001-R1) of the previously posted agenda was reviewed and approved by unanimous consent. The changes included addition of an ASC C63 Electromagnetic Compatibility Committee liaison report, elimination of the project status spreadsheet review under Old Business, and addition of the contribution number for the TR-41 Operational Guidelines document where the procedure for dealing with Plenary non-concurrence with a Formulating Group decision is to be captured.

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

Our TIA Staff support person Ronda Coulter (Marrow) was recently married; the group congratulated her in absentia.

A new numbering system for TIA documents will be used in 2011. The Chair presented a table explaining this new numbering system. The Chair answered questions about the numbering system. Project numbers PN will include the actual document number and the prefix TIA or ANSI/TIA will be added to the final document. This change will not affect existing documents, but the Chair will check to see if perhaps it can be implemented at the time existing documents go through revision.

Meeting reports are once again posted on the public site instead of the working site so that our documents are freely available except for publication ready-type documents. A new password protection scheme will be implemented for higher level of security for the working side of the FTP site. TIA staff will initially assign and send out appropriate passwords that can then be changed by the individual participate. The group discussed that all draft documents intended for eventual publication, not just the near-final versions, should be kept on the password side of the website. We will implement this change going forward.

The Chair asked the group's opinion for the venue. All comments were positive.

2. Previous Meeting Report

The reports of the two previous meetings held in August (conference call) and in May (face-to-face Nashville) were 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 (James Bress - Acting Chair)

Subcommittee TR-41.3 met on Thursday morning, November 11, 2010. Its various working groups met during the week from Monday through Wednesday.

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: Document was sent to TIA for publication. TIA legal has responded with statements holding up publication that require clarification to move forward. TR-41 chair, Steve Whitesell, will follow up to get these issues resolved.

Target Completion Date: 11/2010

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

Current Status: The document was sent to TIA for publication. A delay occurred but the document should be cleared for publication very soon. TR-41.3 chair, Al Baum, will follow up.

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: The working group reviewed the document revisions wish list and edited the list including adding new items. Each wish list item was prioritized to be included in Rev-D or Rev-E. Agreement was to at least include requirements for measuring conversational gain relating to amplified telephone performance criteria. Several other updates including removing clauses for legacy from Rev-B will be incorporated. Receive signal amplitude performance will be specified by level rather than RLR, similarly to what was done for the speakerphone standard TIA-470.120-C.

Target Completion Date: 05/2011
- PN-3-4350.120-RV3, Speakerphone Acoustic Performance Requirements for Analog Telephones (to become TIA-470.120-C)

Current Status:

The document was sent to TIA for legal review. Expect publication this month. TR-41.3 chair, Al Baum, will follow up.

Target Completion Date: 11/2010
- PN-3-4350.310-RV3, Cordless Telephone Range Measurement Procedures (to become TIA-470.310-D)

Current Status: Document has been published. TR41.3.9 working group is inactive.
- PN-3-4350.330-RV3, Telephone Answering Devices (to become TIA-470.330-C)

Current Status:

The working group met and reviewed contributions and edited the document. The document is undergoing final edits to be sent for ballot. Voted to be sent for industry ballot. This project has been a long fought battle and Amar Ray and Steve Whitesell (and a few other supporting crew) should be congratulated on hanging in for so long!

Target Completion Date: 05/2011

Plenary Action Requested: The Chair of TR-41.3 requests concurrence from TR-41 to submit PN-3-4350.330-RV3 for industry ballot.

Plenary Action Taken: TR41 unanimously concurred.
- PN-3-4705.000-RV1, Overview of Acoustic Requirements for Wideband Digital Wireline Telephones (to become TIA-920.000-A)

Current Status: Voted to proceed to publication. Publication was approved previously but held up until TIA-920.110-A and TIA-920.130-A were ready for publication (see below!)

Target Completion Date: 02/2011

Plenary Action Requested: The Chair of TR-41.3 requests concurrence from TR-41 to submit PN-3-4705.000-RV1 for publication.

Plenary Action Taken: TR41 unanimously concurred.
- PN-3-4705.110-RV1, Transmission Requirements for Wideband Digital Wireline Telephones with Handsets (to become TIA-920.110-A)

Current Status: Ballot closed with 8 approve, 2 approve with comments (Plantronics, VTech) and 1 not approve with comments (AST Technology Labs), 2 abstain and 4 ballots not returned.

 1. There was a discussion regarding the fact that because the TIA-920 documents are TIA only standards (not ANSI) if the issues for the no vote can be resolved and if

other technical changes are made such that there are no more objections, the document can be voted to go for publication without the need for another ballot.

2. Steve Whitesell (VTech) presented several editorial and technical changes for the TIA-920.110-A document. A mapping of the comments which were applicable to the TIA-920.130-A document was provided.
3. Allen Woo (Plantronics) provided comments regarding wording for handling unspecified codec dBm0 reference points that were accepted.
4. James Bress (AST) comments regarding issues when using P.50 and the errors created for frequency response and loudness calculations were discussed and text was added and changed to resolve the issue. Several other changes were made addressing other comments provided by AST.
5. Editorial task remains to synchronize edits made in the .110 and .130 documents.
6. All ballot comments were addressed and all present agreed to request TR-41.3 to send the document for publication after editorial clean-up.
7. Voted to send TIA-920.110 for publication after editorial clean up.

Will publish the document as a TIA standard together with TIA-920.000-A and TIA-920.130-A. After it is published as a TIA standard the group may request an Industry Ballot for these standards to make ANSI/TIA standards.

Target Completion Date: 02/2011

Plenary Action Requested: The Chair of TR-41.3 requests concurrence from TR-41 to submit PN-3-4705.110-RV1 for publication.

Plenary Action Taken: TR41 unanimously concurred.

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

Current Status: WG has been waiting for completion of TIA-920.110-A and TIA-920.130-A to start the work on revising the wideband speakerphone requirements. These standards are being sent for publication so the work for TIA-920.120-A will start now. Contributions are requested. The plan is to use test methods and performance requirements established in TIA-470.120-C as much as possible.

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 comments for TIA-920.110 above.)

Target Completion Date: 02/2011

Plenary Action Requested: The Chair of TR-41.3 requests concurrence from TR-41 to submit PN-3-4705.130-RV1 for publication.

Plenary Action Taken: TR41 unanimously concurred.

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

Current Status: Editor (James Bress) needs to submit edited document for default letter ballot which was approved in June.

Target Completion Date: 05/2011

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

Group was asked to remember Al Baum during his absence from this meeting.

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

Subcommittee TR-41.7 met on Thursday afternoon, November 11, 2010. The TR41.7.1 WG met on Thursday morning, November 11, 2010.

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 an initial contribution TR41.7-10-05-006 with a draft outline of a standard at the last meeting. Phillip Havens is driving this effort and during the meeting reviewed his progress on the complete draft of the proposed requirements. There was some discussion about this being of interest to the ATIS STEP committee since there are likely to be network applications. It was agreed to use an informal liaison at this time to keep them informed about what we are doing.

Target Completion Date: 08/2011
 - PN-3-0340, Telecom Circuit Overcurrent Protectors Application Guide

Current Status: The draft standard went out for ballot after the August meeting. We received a number of comments that need to be reviewed. We did not have time to review the comments at the meeting. We plan to schedule a teleconference to review the comments, probably in January. One snag we have identified is that UL has not published the second edition due to a complete lack of submittals to the standard. The application guide is all about the 2nd edition. Our current plan is to resolve the comments then file the document (rather than publish it) until such time as the UL 2nd edition is published.

Target Completion Date: Changed to 12/2010
 - PN-3-0402, Protection of Home Networking Systems related to SmartGrid Technologies (adjust project name as appropriate)

Current Status: The draft standard went out for ballot after the August meeting. We received a number of comments that need to be reviewed. We did not have time to review the comments at the meeting. We plan to schedule a teleconference to review the comments, probably in December. After the resolution of the comments, if no technical changes are required, we plan on going ahead with the publication. If technical changes are required we plan on sending it out for a default ballot.

Target Completion Date: 05/2011

Plenary Action Requested: TR41.7 requests plenary concurrence that after the review of comments and the action approved by the TR41.7 subcommittee to either send the document out for publication if no technical changes are needed to become TIA-1194 or to send the standard out for a default ballot if technical changes are needed and made to the document.

Plenary Action Taken: TR41 unanimously concurred.
 - PN-3-3210-RV2, Radio Frequency Immunity Requirements (to become TIA-631-B)

Current Status: The draft standard went out for ballot after the August meeting. We received a number of comments that were reviewed at the meeting and editorial and some technical changes were made to the document. TR41.7 voted to send the revised document out for default ballot and if no negative votes are received to send it for publication.

Target Completion Date: Changed to 02/2011

Plenary Action Requested: TR41.7 requests plenary concurrence to send the revised document out for default ballot (only voting on changes) and if no negative votes are received to then send it for publication to become TIA-631-B.

Plenary Action Taken: TR41 unanimously concurred.

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

TR41.7.1 spent most of the meeting reviewing a proposed annex for UL62368-1 covering dc mains connected equipment. TR41 plans to send a progress report including the draft work completed to date to UL so they can use it as a placeholder. Our review indicated that a lot of what UL is looking for may be better reviewed by the ATIS STEP-NPS group and we would want this to occur before we sent out a formal response with our review and revision results to UL.
- c. TR-41.9 – Terminal Attachment Programs – Phillip Havens**
- Subcommittee TR-41.9 met on Wednesday, November 10, 2010 with six of nine quorum members present. 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.

- PN-3-0017-RV2, TSB-129-B Telecommunications - Telephone Terminal Equipment - U.S.Network Connections Regulatory Approval Guide
Current Status: The document is ready for publication.
Target Completion Date: 11/2010
Plenary Action Requested: Concurrence to proceed to publication.
Plenary Action Taken: TR41 unanimously concurred.
- PN-3-3602-RV4, Rationale and Measurement Guidelines for TIA-968, (to become TSB-31-D)
Current Status: TR41.9 has completed their efforts on this document.
Target Completion Date: 2/2011
Plenary Action Requested: Concurrence to proceed to a 30 day ballot. If this ballot process results in "YES" votes and no comments, then we would like to proceed to publication. If the ballot results in comments, we seek concurrence to hold an interim conference call to resolve those comments.
Plenary Action Taken: TR41 unanimously concurred.
- PN-3-4124, Responses to Part 68 and TIA-968 Questions (On-going effort)
Current Status: A new FAQ item was discussed regarding TIA-168-B regarding REN code NAN. The sub-committee decided that instead of adding an item to the FAQ list, we should reword the text of section 4.2 in TIA-168-B.
Plenary Action Requested: None requested at this time.

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

- A discussion was held on the release of IEEE C63.17 in case TR41.9 members would be interested.
- TR41.9 also discussed the possibility of introducing a standard that would cover Gateway type equipment.
- TR 41.9 discussed a technical question that was posed to the ACTA regarding ringing impedance of CPE.
- TR 41.9 does not anticipate any TR41.9.1 working group time needed for the next meeting.

4. Action Item Review

Chair Steve Whitesell reviewed the Action Items from the August meeting as shown in Appendix C of that meeting report (TR41-10-11-003).

- The legal review of TIA-1083-A has held the document up for publication because of the use of several company names in the document. Steve has had an email exchange with legal and believes the issue may have been resolved. He will continue to follow up on it as necessary.
- Submission of TIA-855-A for default ballot remains an open item for James Bress.
- All other items were addressed.
- Continuing and new action items are listed in Appendix C of this meeting report.

5. Liaison Reports

a. IEEE C63.16/17 (Electromagnetic Compatibility)– Steve Whitesell

Chair Steve Whitesell serves as TIA Representative to Accredited Standards Committee C63[®]. In addition to the C63.19 HAC document for cell phones currently going through a recirculation ballot, Steve brought the group's attention to a new project being kicked off to review, and potentially revise, the C63.17 standard that is the basis for determining compliance of DECT cordless telephones with the FCC Part 15 rules. Affected TR-41 participants should review the document to identify whether any technical changes may be needed. If they are, then we may want to set up a group within TR-41.9 to work with the C63.17 folks and provide them with input. Steve was asked to see if could obtain a copy of the document to use for this review purpose.

6. Old Business

a. Obligations of Formulating groups regarding Plenary non-concurrence.

The procedure for dealing with the rare occasions when the TR-41 Plenary might not concur with a substantive decision made by a formulating (e.g., to send a document to ballot or publication) has been discussed in previous meetings. Contribution TR41-10-11-009-R1 by the Chair is a revision of the TR-41 Operational Guidelines to incorporate the procedure that has been agreed to be followed. Some additional changes were also made in the document to bring it up to date, particularly as regards the use of GoToMeeting and other electronic tools on the TIA web site. Phillip Havens made a motion to accept the document as presented. James Bress seconded the motion. TR41 unanimously concurred.

b. Reviewed guidelines for the use of GoToMeeting software.

At the last meeting, TR-41 decided to adopt a policy to not use the GoToMeeting tool to make virtual participation generally available in conjunction with scheduled face-to-face meetings. It was decided that GoToMeeting could be used on an exception basis at a face-to-face meeting if an individual had submitted a substantial contribution to a meeting and could not be present in person to present it and answer questions about it. Chair Steve Whitesell had indicated he would check with other Engineering Committee Chairs to see if this policy was consistent with their use. He reported that he had raised the subject in a recent Technical Standards Subcommittee (TSSC) meeting. One group reported they used the tool for editing purposes but did not allow any decisions to be made at that meeting as a result of its use. Another group reported they did not use it at face-to-face meetings. Based on that response, the stated TR-41 policy will continue.

c. Call for candidates for various subcommittees.

A call was issued for candidates for the open positions of TR-41 Vice-Chair, TR-41.7 Vice-Chair, and TR-41.9 Chair and Vice-Chair.

7. New Business

None

8. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of February 7-11, 2011 in Florida (Orlando area). 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:

Embassy Suites Lake Buena Vista
8100 Lake Street
Orlando, FL 32836
Phone: 407 239 1144
Fax: 407 239 1718
Room Rate: \$125 (tentative)
Cut off date: ??

b. Future Meetings

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

Date	Location
May 16-20, 2011	Dallas, TX
August 8-19, 2011	(virtual meetings)
November 7-11, 2011	

9. 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
Tentative TR-41 Meeting Schedule for Date**

Room			
MONDAY 0830 – 1230 7 Feb 2011	TR-41.3.3 Digital Xmission Perf (Woo – 15)		
MONDAY 1330 – 1730 7 Feb 2011	TR-41.3.3 Digital Xmission Perf (Woo – 15)		
MONDAY 1800 – 1930 7 Feb 2011	TR-41 Leadership User Premises Eqpmt (Whitesell – 10)		
TUESDAY 0830 – 1230 8 Feb 2011	TR-41.3.5 Handset Telephones (McKinnon – 15)	TR-41.9 Regulatory (Havens – 15)	
TUESDAY 1330 – 1730 8 Feb 2011	TR-41.3.5 Handset Telephones (McKinnon – 15)	TR-41.9 Regulatory (Havens – 15)	
TUESDAY 1900 - 2200 8 Feb 2011			
WEDNESDAY 0830 – 1230 9 Feb 2011	TR-41.3.2 Stutter Dial Tone (Bress – 10)	TR-41.7.1 Int'l Safety Standards (Ivans – 10)	
WEDNESDAY 1330 – 1730 9 Feb 2011	TR-41.3.12 Telephone Ans Devices (Ray – 10)	TR-41.7.1 Int'l Safety Standards (Ivans – 10)	
WEDNESDAY 1900 – 2200 9 Feb 2011	Recognition Event		
THURSDAY 0830 – 1230 10 Feb 2011	TR-41.3 Wireline Terminals (Baum – 15)	TR-41.7 Environmental & Safety (Ivans – 10)	
THURSDAY 1330 – 1730 10 Feb 2011	TR-41.3 Wireline Terminals (Baum – 15)	TR-41.7 Environmental & Safety (Ivans – 10)	
THURSDAY 1900-2200 10 Feb 2011			
FRIDAY 0800 – 1030 11 Feb 2011	TR-41 Plenary User Premises Eqpmt (Whitesell – 15)		

**Appendix B
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-10-08-003-L	Secretary	Nashville Meeting Report
TR41-10-11-001-R1	Chair	Agenda
TR41-10-11-002-R3	Chair	Document List
TR41-10-11-003	Secretary	Teleconference Meeting Report
TR41-10-11-004-MR1	Chair	Attendance Spreadsheet
TR41-10-11-005-MR1	Bress	TR-41.3 Chair's Report
TR41-10-11-006-M	Ivans	TR-41.7 Chair's Report
TR41-10-11-007-MR1	Havens	TR-41.9 Chair's Report
TR41-10-11-008		Reserved for Project Status Spreadsheet (not available)
TR41-10-11-009-R1	Chair	Proposed Revision to TR-41 Operational Guidelines

Appendix C List of Action Items

The following action items were identified during the meeting. Where an item is shown assigned to a Subcommittee, the Chair of the Subcommittee is responsible for completing the action item or delegating someone else (e.g., document editor) to do so.

1. TR-41.3 to follow up with legal on TIA-1083-A (submitted for publication on 9/21/2010). Steve Whitesell has responded to legal's comments and will continue to pursue matter.
2. TR-41.3 to follow up on TIA-470.000-D (submitted for publication on 10/19/2010).
3. TR-41.3 to follow up on TIA-470.120-C (submitted for publication on 10/19/2010).
4. TR-41.3 to submit TIA-470.330-C for industry ballot.
5. TR-41.3 to submit TIA-855-A for default industry ballot.
6. TR-41.3 to submit TIA-920.000-A for publication as TIA-only standard.
7. TR-41.3 to submit TIA-920.110-A for publication as TIA-only standard.
8. TR-41.3 to submit TIA-920.130-A for publication as TIA-only standard.
9. TR-41.7 to hold interim teleconference meeting to resolve ballot comments on TIA-1194.
10. TR-41.7 to submit TIA-1194 for publication as ANSI standard if no technical changes are required as a result of the ballot resolution process.
11. TR-41.7 to send TIA-1194 out for default ballot (or re-ballot) if technical changes are required to resolve ballot comments.
12. TR-41.7 to send TIA-631-B out for default ballot.
13. TR-41.7 to submit TIA-631-B for publication as ANSI standard if no further technical changes are needed as a result of the default ballot.
14. TR-41.7 to hold interim teleconference meeting to resolve ballot comments on TSB-187.
15. TR-41.7 to send UL a progress report on the work completed to date in reviewing a proposed annex for UL62368-1 dealing with dc mains connected equipment.
16. TR-41.9 to submit TSB-129-B for publication.
17. TR-41.9 to submit TSB-31-D for 30-day letter ballot.
18. TR-41.9 to submit TSB-31-D for publication if the letter ballot closes with only Approve votes and no comments.
19. TR41.9 to hold interim teleconference meeting to resolve ballot comments on TSB-31-D if any comments are received.
20. TR-41 Chair to post version 1.5 of the TR-41 Operational Guidelines as approved during Plenary meeting.
21. TR-41 Chair to send out Project Status Spreadsheet to subcommittee chairs for updates.
22. TR-41 Chair to investigate who forms the voting pool for a default ballot. Does the document just go out to the pool for the previous ballot, or are new people allowed to join the ballot pool?
23. TR-41 Chair to see if a copy of the C63.17 standard for showing compliance of DECT cordless telephones with FCC Part 15 rules can be obtained for review purposes by materially affected parties to determine if there is a need to revise the document.
24. TR-41 Chair to inquire about possibility of extending sign in days when a known meeting participant did not sign in on electronic roster.