



**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

HEADQUARTERS

2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
+1.703.907.7700

D.C. OFFICE

10 G Street, N.E., Suite
550 Washington, DC 20002
+1.202.346.3240 MAIN
+1.202.346.3241 FAX

tiaonline.org

Approved by General Counsel

TR-41 Meeting Report

Date: November 7 & 11, 2011

Location: Anaheim, CA

Approved: 01/09/2012

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 7 & 11, 2011
Venue: Embassy Suites Hotel
City: Garden Grove (Anaheim), CA

1. Call to Order and Opening Business

a. Call to Order and Introductions

Chair Steve Whitesell called the opening plenary of the meeting to order at 6:10 pm on Monday, November 7, 2011, and the attendees introduced themselves.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 5 of 7 voting member companies represented. Steve Whitesell has now attended two consecutive meetings representing Whitesell Consulting. Whitesell Consulting was given voting rights following the establishment of quorum and added to the quorum list for the next meeting.

1) Quorum Members or Alternates Present

AST – James Bress
Cisco – Tim Lawler
Plantronics – Allen Woo

UL – Randy Ivans
Uniden – Al Baum

2) Quorum Members Absent

Littelfuse – Phillip Havens

VTech – (Vacant)

3) Others Present

TIA Staff – Germaine Palangdao

Whitesell Consulting – Steve Whitesell

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 R1 version of the agenda was submitted for review with minor changes indicating Randy Ivans would be giving the TR-41.9 Subcommittee Report in place of Phillip Havens and updating the -008 and -009 contribution revision numbers. The modified agenda was unanimously adopted without further change.

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 he would defer his comments until the Friday morning closing plenary.

g. Meeting Documents

The list of documents for the meeting is provided in Annex A.

2. TR-41 Chair and Vice Chair Elections

At this point, control of the meeting was turned over to Germaine Palangdao, TIA Manager of Technology and Standards, to conduct the election of TR-41 Chair and Vice Chair. Germaine explained that Marianna Kramarikova is the new Standards manager responsible for TR-41, but that she was filling in for Marianna at this meeting since Marianna had only returned to TIA within the past two weeks to take the position.

Germaine indicated that no candidates had come forward for the position of TR-41 Chair, but that current Chair Steve Whitesell had indicated he was willing to continue and had submitted the necessary paperwork. She then asked if there were any nominations from the floor for TR-41 Chair. There were none. Since Steve has exceeded the two-term limit specified in the Engineering Manual, Germaine moved to waive the two-term rule limit. The motion was seconded and unanimously approved. Germaine then moved that Steve Whitesell be re-elected TR-41 Chair by acclamation. The motion was seconded and unanimously approved. Germaine then declared Steve Whitesell to be TR-41 Chair.

Germaine noted that no candidates had come forward for the position of TR-41 Vice Chair. She asked if there were any nominations from the floor. There were none. Germaine then declared the position of TR-41 Vice Chair to be vacant.

3. Recess and Reconvening

Control of the meeting was returned to Chair Steve Whitesell. He noted that no further business was to be conducted on Monday evening and declared the meeting to be in recess at 6:30 pm.

Chair Steve Whitesell reconvened the meeting for the closing plenary session at 8:10 am on Friday, November 11, 2011. He noted that the Important Notice of Participation and the information about Intellectual Property and TIA's Patent Policy had been explained at the opening plenary on Monday. He asked if anyone wanted the information repeated or if anyone had any Intellectual Property they wished to declare. No one indicated they did. Steve noted that the attendees were the same with the exception of Germaine Palangdao, who was no longer in attendance.

In regard to Chair's Remarks, Steve noted that TR-41 and most of the other Engineering Committees have been assigned their own individual GoToMeeting login and password. This should minimize cases of conflicting meetings being scheduled. The necessary informing has been shared with the leadership team.

Steve asked for feedback on the meet location. The responses were favorable. It is typical for an Embassy Suites Hotel.

4. Previous Meeting Report

The report of the previous meeting was reviewed and approved without change.

5. 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, November 10, 2011. Its various working groups met on Monday through Wednesday.

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

- PN-3-4350.110-RV4, Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-D)

Current Status: The TR-41.3.5 working group reviewed the open action items and reviewed technical issues in the document. The following list of changes was agreed upon and the technical information for each was reviewed.

1. Change test signals to be real speech (IEEE male).
2. Remove the “mandatory” receive frequency response mask and changing the “desired” receive frequency response mask to be the “mandatory” receive frequency response mask.
3. Remove the “low leak” (18N) test condition.
4. Change from using the “Reference Volume Control” setting to the “Nominal Volume Control” setting.
5. Remove Receive Linearity and replaced it with receive volume control with varying input levels.
6. Change Send Linearity from a requirement to a recommendation.
7. Add a measurement of “Conversational Gain” to measure the volume control gain.
8. Include the addendum to TIA-470.110-C in the revision.

The working group agreed to send the draft document out for industry ballot after editorial clean-up. TR-41.3 voted to approve sending TIA-PN-470.110-D draft out for Industry Ballot after editorial cleanup.

Target Completion Date: 02/2012

Plenary Action Requested: TR-41.3 requests concurrence from TR-41 to send TIA-PN-470.110-D draft out for Industry Ballot after editorial cleanup.

Plenary Action Taken: Unanimous Agreement

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

Current Status: The industry ballot closed 9-17-11 with 11 Approve, 3 Abstain, and 2 ballots not returned. TR-41.3 voted to approve sending ANSI/TIA-470.330-C to TIA for publication.

Target Completion Date: 11/2011

Plenary Action Requested: TR-41.3 requests concurrence from TR-41 to send ANSI/TIA-470.330-C to TIA for publication.

Plenary Action Taken: Unanimous Agreement

- PN-3-4705.110-RV1-E1, Transmission Requirements for Wideband Digital Wireline Telephones with Handset (Errata for TIA-920.110-A)

Current Status: An error had been discovered concerning the bandwidth of the comfort noise test signal in the recently published TIA-920.110-A standard. During the August 18, 2011 TR-41.3 Subcommittee meeting, Allen Woo, the Chair of TR-41.3.3, made a motion to open a new project to write an addendum to TIA-920.110-A to correct this error. The subcommittee approved the motion but during the TR-41 plenary meeting it was suggested that an errata document should be considered. The TIA Secretariat confirmed that this would be possible and preferable.

Al Baum submitted a proposed errata document which was approved by the TR-41.3.3 WG. TR-41.3 voted to approve sending the errata to TIA for publication.

Target Completion Date: 02/2012

Plenary Action Requested: TR-41.3 requests concurrence from TR-41 to send the errata document to TIA for publication.

Plenary Action Taken: Unanimous Agreement

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

Current Status: A letter ballot was closed on October, 30, 2011. There were 5 approves, 1 approve with comments, 3 not-approves with comments, 2 abstain and 7 no-returns. The TR-41.3.3 WG agreed to revise the draft to incorporate the comments received from the letter ballot. TR-41.3.3 plans to have an interim Go-To-Meeting to discuss the revised draft before the next meeting in February.

TR-41.3 voted to approve sending PN-3-4705.120-RV1 (to become TIA-920.120-A) to TIA for re-ballot after editorial cleanup and implementation of the technical changes agreed to during the TR-41.3.3 November meeting.

Target Completion Date: 05/2012

Plenary Action Requested: TR-41.3 requests concurrence from TR-41 to send PN-3-4705.120-RV1 (to become TIA-920.120-A) to TIA for re-ballot after editorial cleanup and implementation of the technical changes agreed to during the TR-41.3.3 November meeting.

Plenary Action Taken: Unanimous Agreement

- PN-3-4705.130-RV1-AD1, Transmission Requirements for Wideband Digital Wireline Telephones with Headsets, Addendum 1 (to become TIA-920.130-A-1)

Current Status: It was discovered that the normalized RLR value for TCLw measurement for binaural headsets was not included in the recently published TIA-920.130-A standard. During the May, 2011 TR-41.3 Subcommittee meeting, Allen Woo, the Chair of TR-41.3.3, made a motion to open a new project to write an amendment to TIA-920.130-A to correct this omission. The subcommittee approved the motion.

Allen Woo submitted a draft of the amendment as a submission to the November TR-41.3.3 meeting. The WG reviewed the submission and agreed to submit it to TR41.3 for approval to send it to Letter Ballot after editorial cleanup. TR-41.3 voted to approve sending TIA-PN-920.130-A-1-Draft to TIA for Letter Ballot.

Target Completion Date: 05/2012

Plenary Action Requested: TR-41.3 requests concurrence from TR-41 to send TIA-PN-920.130-A-1-Draft to TIA for Letter Ballot.

Plenary Action Taken: Unanimous Agreement

- ANSI/TIA-PN-470.230-C-RF1, Network Signaling Performance requirements for Analog Telephones (Reaffirmation of ANSI/TIA-470.230-C)

Current Status: A project for ballot ANSI/TIA-PN-470.230-C-R1-RF1 was opened on 9-30-11. The ballot opened on 10-27-11 and closes on 12-11-11.

Target Completion Date: 02/2012

- ANSI/TIA-PN-470.320-C-RF1, Cordless Telephone Operation and Feature Performance Requirements (Reaffirmation of ANSI/TIA-470.320-C)

Current Status: A project for ballot ANSI/TIA-PN-470.320-C-RF1 was opened on 9-30-11. The ballot opened on 10-27-11 and closes on 12-11-11.

Target Completion Date: 02/2012

- ANSI/TIA-PN-1063-A, Analog Telephone Port Requirements for Packet-based User Premises Terminal Equipment (to become ANSI/TIA-1063-A)

Current Status: During the August meeting, TR-41.3 voted to approve opening a project to revise ANSI/TIA-1063-2007. The new scope and justification information required to open this project is currently being drafted and the new revision project will be opened when this information is available.

Target Completion Date: 05/2012

- ANSI/TIA-PN-4953, Acoustic Performance Requirements and Measurement Methods for High-Gain Amplified Telephones (to become ANSI/TIA-4953)

Current Status: The working group reviewed a contribution from Linda Kozma Spytek from Gallaudet University regarding the background and need for requirements for an acoustic hearing aid compatibility test and performance. It was agreed there was a need for these requirements and they will remain in the draft.

The working group reviewed a contribution from AST regarding a new test method and performance requirements for evaluating acoustic ringer levels. It was agreed to update the draft based on the recommendations in the contribution.

The working group reviewed ballot comments received to date for the TIA-4953 ballot which will close on Nov-13. All comments were addressed and the document revised. The one technical issue that created significant discussion was the test using a -43 dBV receive test level. It was agreed to leave the -43 dBV test in the draft.

The working group agreed to send the draft for industry ballot after editorial cleanup assuming no significant comments are received in any ballots that are received before the Nov-13 ballot close. If significant comments are received from ballots an interim working group meeting may be called and there may be a need for an interim TR41.3 meeting to request a vote to send the revised draft out for ballot.

TR41.3 to voted to send ANSI/TIA-PN-4953 out for industry ballot after editorial clean-up providing no significant comments are received with any subsequent ballots before the current letter ballot's Nov-13 close.

Target Completion Date: 05/2012

Plenary Action Requested: TR-41.3 requests concurrence to send ANSI/TIA-PN-4953 out for industry ballot after editorial clean-up providing no significant comments are received with any subsequent ballots before the current letter ballot's Nov-13 close.

Plenary Action Taken: Unanimous Agreement

- ANSI/TIA-PN-4965, Receive Volume Control Requirements for Digital and Analog Wireline Terminals (to become ANSI/TIA-4965)

Current Status: Al Baum of Uniden submitted TR41.3-11-11-014 to TR-41.3 as the proposed Draft 01 version of ANSI/TIA-PN-4965 "Receive Volume Control Requirements for Digital and Analog Wireline Terminals" (to be published as ANSI/TIA-4965). The subcommittee reviewed the submission and after making revisions, voted to accept the revised submission as Draft 01 of the new draft standard. TR-41.3 then voted to approve sending out the draft for Industry Ballot.

Target Completion Date: 05/2012

Plenary Action Requested: TR-41.3 requests concurrence to send ANSI/TIA-PN-4965 to TIA for Industry Ballot.

Plenary Action Taken: Unanimous Agreement

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

- James Bress of AST Technology Labs was elected Chair of TR-41.3. There were no candidates for Vice Chair, so that position remains open. However, one member indicated some interest in running for the position and we expect to have an election for Vice Chair at the February meeting.

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

Subcommittee TR-41.7 met on Thursday afternoon, November 10, 2011. Its TR41.7.1 Working Group met on Thursday morning. The TR-41.7.6 Working Group did not meet this week.

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: We were expecting a significant contribution for this meeting and to devote the TR41.7.6 WG to this effort but no contribution was received (Phil Havens was unable to

attend this week and he is the driver of this effort). With Phil's ability to attend future meetings in limbo, the future of this project is now in question. We will know more by next meeting. We're keeping the target date 2/2012 but we may land up closing this project at that time if no progress is made with respect to any additional contributions.

Target Completion Date: 02/2012

- SP-3-0402, Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (to be published as TIA-1194)

Current Status: Final draft was sent to the TIA for publication. The TIA is waiting for the results of the ANSI ballot before publishing the new standard.

Target Completion Date: 11/2011

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

- TR41.7 held elections for the chair and vice chair. No nominations had been received so a call for nominations was made from the floor. None being received, a motion was made and seconded to waive the two year limitation for the current chairman, Randy Ivans and this was approved with all yes votes. Randy was then unanimously voted in as chairman for the next two years. The position of vice-chair remains vacant.
- TR41.7.1 reviewed a comment/proposal on acoustic testing that was made for UL62368-1 from a TR41.7 member. The WG and later the subcommittee agreed that the suggestion was a good clarification but did not want it to hold up progress for publication of the document. It was agreed that the TR41.7 chairman would send an email to UL indicating TIA TR41.7 support for the comment and that we considered it only a clarification of an existing requirement. It should be treated as editorial and as such not require any rebalot of the document.

Plenary Action Requested: TR41.7 seeks concurrence for the chairman of TR41.7 to send an email to UL regarding the results of our review of the acoustic testing comment.

Plenary Action Taken: Unanimous Agreement

- Interest in the work of TR41.7.1 (Harmonization of safety standards) seems to be waning within the telecom industry. The chairman believes that anything that comes up in the near term can be handled by the subcommittee directly instead of convening the working group. To simplify things at this point (not needing to hold two separate meetings) the chairman would like to put the TR41.7.1 WG on hold until such time as work and interest increases to the point where the services of this WG are needed. TR41.7 would like to hear the plenary's thoughts on this.

c. TR-41.9 – Terminal Attachment Programs – Randy Ivans as Ad Hoc Chair

Subcommittee TR-41.9 met on Wednesday, November 9, 2011. 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.

- ANSI/TIA-PN-968-B-1-D1, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (ANSI/TIA-968-B Addendum)

Current Status: A draft addendum was developed and reviewed by the subcommittee. Except for some editorial changes that need to be made (headings, etc.) the document is ready for ballot. A motion was made to send the addendum out for ballot and seconded. The subcommittee (with the necessary quorum) voted unanimously to send the document for ballot. The acting chair was given the OK to make the necessary editorial changes.

Target Completion Date: February 2012

Plenary Action Requested: TR41.9 requests plenary concurrence to send the draft ANSI/TIA-968-B Addendum for ballot once the editorial changes are completed. The document will be published as addendum TIA-968-B-1.

Plenary Action Taken: Unanimous Agreement

- PN-3-4124, Responses to Part 68 and TIA-968 Questions (On-going effort)
Current Status: The current FAQ list refers to TIA-968-A and Part 68 rather than TIA-968-B and should have the references updated. The FAQ list was discussed during the TR41.9.1 meeting and the questions requiring revision were identified. Tim Lawler (Cisco) and Trone Bishop (Verizon) volunteered to work on the updates and will submit proposed recommended changes at the next meeting of TR41.9.1 in February 2012.

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

- It was pointed out that Section 14 of TSB-31-D has errors in the HAC/VC test procedures and needs to be corrected. Since the errors appear to have been introduced in previous editions, not during the “-D” revision process, the chair believed that they should be handled with an addendum rather than an errata. Several members indicated that there might be other errors and issues that should also be addressed in an addendum. A motion was made, seconded and accepted to request a project to create an addendum to TSB-31-D to correct known errors and issues. This would be separate from the addendum described below since we would like to expedite these changes. TR41.9 is expecting contributions related to these issues that will be developed into the draft addendum. We expect that work will be completed in February 2012 but if contributions are received earlier we plan on holding an interim webex meeting in January 2012 to complete the draft addendum and send it out for ballot. We want to go this route since the February meeting is at the very end of the month and if possible we would want to be able to address any comments from the ballot sent in January at that time.

Plenary Action Requested: TR41.9 is requesting concurrence to open a project to create an addendum to TSB-31-D to correct known errors and issues.

Plenary Action Taken: Unanimous Agreement

Plenary Action Requested: TR41.9 is further requesting concurrence to hold an interim meeting in January (date TBD) if contributions are received in time to develop the draft addendum and upon subcommittee approval at that time to send the draft out for ballot.

Plenary Action Taken: Unanimous Agreement

- TR41.3 is developing a new volume control standard based on conversational gain (TIA-4965). Test methods will need to be added to TSB-31-D as an addendum once the standard is published and adopted by the FCC. A motion was made and seconded to request opening a project to add an addendum to TSB-31-D to revise the volume control test methods to include conversational gain per TIA-4965 once it is published and adopted by the FCC. A vote was taken and it was unanimous to accept the motion.

Plenary Action Requested: TR41.9 is requesting concurrence to open a project to add an addendum to TSB-31-D to revise the volume control test methods to include conversational gain per TIA-4965 once it is published and adopted by the FCC.

Plenary Action Taken: Unanimous Agreement

- The following standards are up for 5-year ANSI review in 2013.

TIA-168B (Labeling Standard) five year review (due 02/2013).

TIA-1096 (Connector Standard) five year review (due 03/2013).

Contributions are requested from anyone who believes that the standards should be opened for revision rather than reaffirmed. It will be decided early next year what action needs to be taken after review by the subcommittee of the standards and any contributions we receive.

- TIA Liaison with FCC concerning outdated Part 68 Volume Control specifications.

TR41.3 is in the process of developing a new volume control standard (TIA-4965) that is based on the concept of conversational gain.

TR41.9 would like UPED to follow the development of the new volume control standard based on conversational gain and to consider petitioning the FCC for a rulemaking to include the TIA-4965 standard in 47 C.F.R. Part 68.317 once the standard is approved.

- TR-41.9 was scheduled to hold Chair and Vice Chair elections. No nominations were received prior to the meeting. A call was made for candidates from the floor. Again, no nominations were made. Therefore, the Chair and Vice Chair positions remain open.

6. Liaison Reports

None.

7. Action Items and Project Status

a. Review of Action Items from Previous Meeting

Chair Steve Whitesell reviewed the status of action items from the August meeting as given in TR41-11-11-009-LR2. Most items were noted as having been completed, but the following items still require action (see TR41-11-11-009-MR3 for updated list):

Item 8, for TR-41.3 to initiate a project to revise TIA-1063 remains open.

Item 12, for TR-41.9 to work on rephrasing answers in its Part 68 FAQ list to reference the latest published documents (TIA-968-B and TSB-31-D) is not complete but has been initiated.

Item 14, for TR-41.9 to follow up with TIA Staff about the number of "hits" being received for the link to the FAQ remains open.

Item 15, for TR-41.9 to be prepared to initiate a project to create an addendum to TSB-31-D covering Conversational Gain test procedures for receive volume control is in process.

Item 23, for the TR-41 Chair to schedule a recognition event for the November meeting has been postponed to February.

b. Action Items from this Meeting

The action items coming out of this meeting, including the items noted above from the previous meeting that still require action, are listed in Annex B. This list will also be published as contribution TR41-12-02-009 for the next meeting.

c. Project Status Spreadsheet

Chair Steve Whitesell indicated the Project Status Spreadsheet had been updated to reflect the recent publication of reaffirmed standard TIA-1063 in the TR41-11-11-008-R1 version. Publication of this standard had been delayed for a month or so because it had been chosen for inclusion in the ANSI audit. Steve indicated he is updating this spreadsheet based on information taking from the Subcommittee Chairs' reports, but he asked them to review the latest version and to let him know if there were any errors or corrections needed.

8. Old Business

None

9. New Business

None

10. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of February 27 through March 2, 2012 in San Antonio. The preliminary meeting schedule for the various TR-41 subcommittees and working groups is given in Annex C. The IEEE Subcommittee on Telephone Instrument Testing (STIT) is planning to collocate with TR-41 for this meeting and is included on the meeting schedule in Annex C. The details for the meeting hotel are as follows:

Embassy Suites San Antonio Riverwalk - Downtown
125 E Houston Street
San Antonio, TX 78205
Phone: 210-226-9000 or 800-362-2779
Fax: 210-226-9001
Room Rate: \$159 single, \$169 double
Cut off date: January 26, 2012

b. Future Meetings

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

Date	Location
June 4-8, 2012 (at TIA2012 trade show)	Dallas, TX
August 6-17, 2012	Virtual
November 5-9, 2012	Las Vegas, NV ??

11. 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.

Stephen R Whitesell
Chair, TR-41

**Annex A
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-11-11-001-R1	Chair	Agenda
TR41-11-11-002-R2	Chair	Document List
TR41-11-11-003	Secretary	WebConference Meeting Report
TR41-11-11-004-MR1	Chair	Attendance Spreadsheet
TR41-11-11-005-MR1	Baum	TR-41.3 Chair's Report
TR41-11-11-006-MR1	Ivans	TR-41.7 Chair's Report
TR41-11-11-007-MR1	Havens	TR-41.9 Chair's Report
TR41-11-11-008-MR1	Chair	Project Status Spreadsheet
TR41-11-11-009-MR3	Chair	WebConference Action Item List

**Annex B
Action Items**

Carry-over Items from Previous Meeting(s)

1. TR-41.3 to open a project to revise TIA-1063 on analog port requirements for packet-based terminal adapters.
2. TR-41.9 to follow up with TIA Staff about the number of "hits" being received for the link on the TR-41 web page to the TR-41.9 FCC FAQ list.
3. TR-41 Chair to schedule recognition event for November meeting. (Postponed until February Meeting.)

New Items from November 2011 Meeting

1. TR-41.3 to send ANSI/TIA-PN-470.110-D out for industry ballot after editorial cleanup.
2. TR-41.3 to submit ANSI/TIA-470.330-C for publication.
3. TR-41.3 to send TIA-920.110-A errata document to TIA for publication.
4. TR-41.3 to send PN-3-4705.120-RV1 (to become TIA-920.120-A) out for committee re-ballot after implementation of the technical changes agreed to during the November meeting and editorial cleanup.
5. TR-41.3 to send TIA-PN-920.130-A-1 draft addendum out for committee letter ballot.
6. TR-41.3 to send ANSI/TIA-PN-4953 out for industry re-ballot after editorial cleanup provided no significant additional comments are received prior to the Nov 13 close date for the original ballot.
7. TR-41.3 to send ANSI/TIA-PN-4965 out for industry ballot.
8. TR-41.7 Chair to send an email to UL indicating support for a comment/proposal made by a TR-41.7 member regarding the acoustic testing requirement in UL62368-1. TR-41.7 believes the proposal should be viewed as a clarification of the requirement and should not require any re-ballot.
9. TR-41.9 to send ANSI/TIA-PN-968-B-1 addendum out for industry ballot after editorial cleanup.
10. Tim Lawler and Trone Bishop to submit proposed changes to the Part 68 FAQ list for consideration at the February TR-41.9.1 meeting.
11. TR-41.9 to open a project to create an addendum to TSB-31-D to correct known errors and issues.
12. TR-41.9 to hold an interim meeting in January to review the draft addendum correcting known errors in TSB-31-D, provided contributions are received in a timely manner, with the intent of voting the draft addendum out for committee letter ballot.
13. TR-41.9 to open a project for a second addendum to TSB-31-D to revise the receive volume control test requirements to include conversational gain once ANSI/TIA-PN-4965 is published and adopted by the FCC.

Annex C

Tentative TR-41 Meeting Schedule for February 27 to March 2, 2012 in San Antonio

Room			
MONDAY 0830 – 1230 27 Feb 2012	TR-41.3.3 [1] & IEEE STIT Digital Xmission Perf (Woo, Bareham – 15)		
MONDAY 1330 – 1730 27 Feb 2012	TR-41.3.3 [1] & IEEE STIT Digital Xmission Perf (Woo, Bareham – 15)		
MONDAY 1800 – 1930 27 Feb 2012	TR-41 Opening Plenary User Premises Equipment (Whitesell – 10)		
TUESDAY 0830 – 1230 28 Feb 2012	TR-41.3.5 [2] Analog Telephones (Bress – 15)	TR-41.9.1 Regulatory Working Group (Havens – 15)	IEEE STIT Telephone Testing (Bareham – 10)
TUESDAY 1330 – 1730 28 Feb 2012	TR-41.3.5 [2] & IEEE STIT Analog Telephones (Bress, Bareham – 15)	TR-41.7.6 [4] Drafting Group (Ivans – 10)	
TUESDAY 1900 - 2200 28 Feb 2012			
WEDNESDAY 0830 – 1230 29 Feb 2012	TR-41.3.14 [3] Acoustic Accessibility (Bress – 15)	TR-41.9 Regulatory (Havens – 15)	IEEE STIT Telephone Testing (Bareham – 10)
WEDNESDAY 1330 – 1730 29 Feb 2012	TR-41.3.14 [3] & IEEE STIT Acoustic Accessibility (Bress, Bareham – 15)	TR-41.7.6 [4] Drafting Group (Ivans – 10)	
WEDNESDAY 1900 – 2200 29 Feb 2012	Recognition Event		
THURSDAY 0830 – 1230 01 Mar 2012	TR-41.3 Wireline Terminals (Baum – 15)	TR-41.7 Environmental & Safety (Ivans – 10)	IEEE STIT Telephone Testing (Bareham – 10)
THURSDAY 1330 – 1730 01 Mar 2012	TR-41.3 Wireline Terminals (Baum – 15)	TR-41.7 Environmental & Safety (Ivans – 10)	IEEE STIT Telephone Testing (Bareham -10)
THURSDAY 1900-2200 01 Mar 2012			
FRIDAY 0800 – 1030 02 Mar 2012	TR-41 Closing Plenary User Premises Equipment (Whitesell – 10)		

- Notes:
1. TR-41.3.3 will cover TIA-920.120-A (digital speakerphones) and TIA-920.130-A-1 (digital headset addendum)
 2. TR-41.3.5 will cover TIA-470.110-D (analog handset transmission) and TIA-470.220-D (alerters)
 3. TR-41.3.14 will cover TIA-4953 (high gain telephones) and TIA-4965 (regulatory volume control).
 4. TR-41.7.6 will meet on Tuesday after TR-41.9.1 finishes and on Wednesday after TR-41.9 finishes.