

Approved by General Counsel

TR-41 Meeting Report

Date(s): 11/08/2013 - 11/08/2013

Location: TIA Headquarters

Approved: 12/18/2013

**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: (Vacant)

Date: November 8, 2013
Venue: TIA Headquarters
City: Arlington, VA

1. Call to Order and Opening Business

a. Call to Order and Introductions

Chair Steve Whitesell called the meeting to order at 8:05 am, and the attendees introduced themselves.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 4 of 6 voting member companies represented.

1) Quorum Members or Alternates Present

AST – James Bress
Cisco – Tim Lawler

UL – Randy Ivans
Whitesell Consulting – Steve Whitesell

2) Quorum Members Absent

Plantronics – Allen Woo

Uniden – Al Baum

3) Others Present

Industry Canada – Jason Nixon
TIA Staff – Jeff Hannah

TIA Staff – Marianna Kramarikova
VXi Corporation – Thomas Terrien

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 showing the possibility of including elections for the TR-41.7 leadership positions (deferred from the TR-41.7 meeting) if the necessary support documentation was received for a candidate. It was approved without further changes.

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

No remarks.

g. TIA Staff Remarks

Marianna Kramarikova indicated that TIA appreciated TR-41 holding its meeting at the new headquarters building in Arlington and invited us to consider having more meetings there in the future. She made note of the following items:

- The new TIA Procedures for American National Standards (PANS) has been approved by the Technical Committee and is in force as of October 24, 2013, subject to final review and approval by ANSI. It covers material that was formerly in the Engineering Manual specific to the development of ANS. Other material from the old Engineering Manual will be retained in a separate document still under development. A copy of the new PANS may be obtained from:

http://www.tiaonline.org/sites/default/files/pages/TIA_PANS_2013Nov15.pdf.

- Herb Congdon has succeeded Cheryl Blum as Vice President of Technology and Standards Development. He was formerly the Associate Vice President.
- The Lyris email lists have been merged with the TIA membership database so that you have to represent a TIA Member Company or be an Engineering Committee Participant (ECP) in order to be included on the email lists going forward.
- TIA has changed the passwords for FTP site access and put into place a means for obtaining the latest passwords, which will be updated periodically. TIA Members and ECPs will have to log into their TIA account in order to obtain the passwords.
- The TIA-4953 logo marketing campaign is underway but going slowing. TIA is hoping to get at a company to license the logo and use that event as the basis for a PR announcement.
- TIA is following up with the Wireless Rehabilitation Engineering Research Center (RERC) about an offer to present their findings concerning the use of wireless technology by people with disabilities. A presentation is expected for the February meeting.

h. Meeting Documents

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

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 – James Bress

Subcommittee TR-41.3 met on Thursday, November 7, 2013. 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.

- ANSI/TIA-PN-470.000-E, Overview of Performance Standards for Analog Telephones

Current Status: TR41.3 voted to send ANSI/TIA-PN-470.000-E to ANSI ballot.

Target Completion Date: 02/2014

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to send ANSI/TIA-PN-470.000-E to ANSI ballot.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.110-D, Transmission Requirements for Narrowband Analog Telephones with Handsets

Current Status: The default ballot passed with editorial comments from one ballot responder. The editorial changes were made by the editor (James Bress, AST Technology Labs). TR41.3 voted to send the document out for publication provisioned on no non-editorial comments received from ANSI.

Target Completion Date: 12/2013

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.110-D to TIA for publication.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.112, Transmission Requirements for Wideband Analog Telephones with Handsets

Current Status: The default ballot passed with editorial comments from one responder. The editorial changes were made by the editor (Steve Whitesell, Whitesell Consulting). TR41.3 voted to send the document out for publication provisioned on no non-editorial comments received from ANSI.

Target Completion Date: 12/2013

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.112 to TIA for publication.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.122, Transmission Requirements for Wideband Analog Telephones with Speakerphones

Current Status: The default ballot passed with editorial comments from one responder. The editorial changes were made by the editor (Steve Whitesell, Whitesell Consulting). TR41.3 voted to send the document out for publication provisioned on no non-editorial comments received from ANSI.

Target Completion Date: 12/2013

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.122 to TIA for publication.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.132, Transmission Requirements for Wideband Analog Telephones with Headsets

Current Status: The default ballot passed with editorial comments from one responder. The editorial changes were made by the editor (Steve Whitesell, Whitesell Consulting). TR41.3 voted to send the document out for publication provisioned on no non-editorial comments received from ANSI.

Target Completion Date: 12/2013

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.132 to TIA for publication.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.210-E, Resistance and Impedance Performance Requirements for Analog Telephones

Current Status: The default ballot passed. TR41.3 voted to send the document out for publication provisioned on no non-editorial comments received from ANSI.

Target Completion Date: 12/2013

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.210-E to TIA for publication.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-470.220-D, Alerter Acoustic Output Performance Requirements for Analog Telephones

Current Status: A contribution from James Bress and Don McKinnon (AST Technology Labs) which was a proposed revision of the 470.220-C document was reviewed. Changes were proposed to eliminate the F1 and F2 acoustic alerter spectrum requirements. Instead, a band level measurement was proposed with a de-rating filter (12 dB / octave) starting at 2 KHz. A maximum level was also proposed. The changes were accepted with some additional editorial changes agreed to. James Bress (AST Technology Labs) agreed to be the document editor and will make the agreed changes. TR41.3 voted to send ANSI/TIA-PN-470.220-D out for an ANSI ballot after editorial cleanup and also voted to send the document for publication if no non-editorial ballot comments are received.

Because the ANSI 10-year action deadline for ANSI/TIA-PN-470.220-C is in April-2014, TR41.3 voted to open a project to reaffirm ANSI/TIA-PN-470.220-C, voted to send the ANSI/TIA-PN-470.220-C document out for an ANSI ballot, and to submit the document to TIA for reaffirmation provisioned on no ballot comments and no negative votes are received for the ballot. The revision project will continue as planned. This action was taken to ensure the ANSI/TIA-PN-470.220-C standard does not lose its ANSI status.

Target Completion Date: 04/2014

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.220-D for an ANSI ballot after editorial cleanup.

Plenary Action Taken: Unanimous Concurrence

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.220-D for publication provisioned on no negative votes are received for the ballot and no substantive editorial comments are received.

Plenary Action Taken: Unanimous Concurrence

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to open a project to reaffirm ANSI/TIA-PN-470.220-C and to submit ANSI/TIA-PN-470.220-C for an ANSI ballot to reaffirm.

Plenary Action Taken: Unanimous Concurrence

Plenary Action Requested: TR41.3 requests the concurrence of TR41 to submit ANSI/TIA-PN-470.220-C for reaffirmation provisioned on no ballot comments and no negative votes are received for the ballot.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-920.000-B, Overview of Transmission Requirements for Digital Telephones

Current Status: This document will be updated when the TIA-920.xxx documents are completed.

Target Completion Date: 08/2014

- ANSI/TIA-PN-920.110-B, Transmission Requirements for Digital Telephones with Handsets

Current Status: Editor Steve Whitesell (Whitesell Consulting) performed the work to merge the TIA-810-B narrowband requirements with the TIA-920.110-A wideband requirements and submitted the TIA-920.110-B draft as a contribution. The draft was reviewed and several issues were discussed including what field reference should be used (free-field, diffuse-field, ERP, other: (e.g., IEEE-STITs new "Natural Field")). The current draft states free-field for level and volume control measurements and ERP for all other measurements. Also discussed if a product must support narrowband and wideband modes to comply with the new standard, or if not, how should compliance for meeting the narrowband and/or wideband performance be reported.

Target Completion Date: 07/2014

- ANSI/TIA-PN-920.120-B, Transmission Requirements for Digital Telephones with Speakerphones

Current Status: This project will be addressed when the TIA-920.110-B project is close to being completed.

Target Completion Date: 010/2014

- ANSI/TIA-PN-920.130-B, Transmission Requirements for Digital Telephones with Headsets

Current Status: This project will be addressed when the TIA-920.110-B project is close to being completed.

Target Completion Date: 010/2014

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

Current Status: This project is waiting for contributions.

Target Completion Date: 12/2014

- ANSI/TIA-PN-1083-B, Handset Magnetic Measurement Procedures and Performance Requirements

Current Status: A contribution from James Bress and Don McKinnon (AST Technology Labs) which was a draft document with revisions to TIA-1083-A was reviewed. The contribution was proposed as the initial TIA-1083-B draft and included revisions to add wideband performance requirements and measurement methods. Revisions also included allowing speech as a test signal for frequency response measurements and the related measurement methods. The draft had sine waves as the test signal for field intensity and maximum field intensity location. Issues regarding the use of sine waves for any of the measurements was discussed but not resolved. Further contributions will be required to complete this project.

Target Completion Date: 08/2014

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

- TR41.3 held an election for TR41.3 chairman. James Bress (AST Technology Labs), the current TR41.3 chairman, was the only candidate nominated and was acclaimed through a vote as chairman.
- TR41.3 received a presentation (remotely, via GoToMeeting) from professor Jutta Treviranus (Director of the Inclusive Design Research Centre (IDRC) and professor at OCAD University in Toronto) regarding a study performed for Industry Canada related to ICT accessibility. This information was very interesting and there was a lively discussion and question and answer period after the presentation.
- TR41.3.14 met with the FCC's E. Elaine Gardner (Attorney Advisor, Disability Rights Office) and Cheryl J. King, Esq (Associate Chief, Disability Rights Office). Also, Linda Kozma-Spytek and Christian Vogler from Gallaudet (RERC) were in attendance. The meeting included presentations regarding TR41's accessibility standards and current accessibility work being undertaken by TR41 including TIA-504, TIA-1083, TIA-4965, and TIA-4953. The presentations were made by Brian Scarpelli (TIA), Steve Whitesell (Whitesell Consulting), Tony Jasionowski (Panasonic), and James Bress (AST Technology Labs).

Following the presentations, there was a lively discussion including the following topics:

- The FCC sharing the technical details of informal complaints received by the FCC pertaining to communications products.
- The FCC's "Clearinghouse" website which could be a place to publicize TR41's accessibility standards work and possibly products which meet TR41's accessibility standards.
- The section-508 and section-255 refresh which is a current Access Board project, and how TR41 may develop voluntary performance standards related to these documents.

- Pursuing FCC OET (Office of Engineering Technology) participation in TR41's accessibility standards development projects.
- TR41 doing more work with RERCs (Rehabilitation Engineering Research Center) including Gallaudet, Georgia Tech, and TRACE Research and Development Center at the University Wisconsin.

The general consensus was the FCC disability rights office welcomes collaboration with TR41. The meeting wrapped up with the FCC participants recommending that TR41 document proposals for working with the FCC and send these proposals to the FCC.

Brian Scarpelli, TIA, will file an ex parte letter for this meeting with the FCC.

- TR41.3 met with Grant Seiffert (TIA President) and Herb Congdon (Vice President, Technology & Standards Development). Some of the topics discussed included:
 - TIA commitment to funding for interpreters when needed for TR41 meetings.
 - Grant to address TR41's request to reach out to at least one large player in each of the areas of government (e.g., GSA, section-508), enterprise (e.g., IBM) and retail (e.g., Best Buy, Walmart, Amazon) to convince these buyers to specify conformance to TR41 performance standards.
 - TR41 proposes outreach to relate to all TR41 performance standards including accessibility.
 - Grant described the TIA survey that will be going out to all known TIA contacts. Jim Bress volunteered to review and comment on questions that could relate to TR41 standards efforts.
 - Discussion regarding future TR41 meetings being held at TIA HQ (e.g., hotel room rates, facilities).

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

Subcommittee TR-41.7 met on Tuesday, November 5, 2013. TR41.7.1 did not meet separately in Arlington.

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

- ANSI/TIA-PN-571-C, Electrical, Thermal, and Mechanical Environmental Performance Requirements

Current Status: The subcommittee reviewed the current baseline document TR41.7-13-02-005-MR1-DRAFT_TIA-571-C_Rev1 to prepare it for ballot. The document was revised at the TR41.7 meeting as TR41.7-13-11-005-M-DRAFT_TIA-571-C_Rev2. It was agreed to further update the voltage sag requirements with the final editing the responsibility of the editor. A motion was made and seconded to send the document out for ballot once the editor has completed his work. The motion passed with no negative votes.

Target Completion Date: 06/2014

Plenary Action Requested: TR41.7 requests the concurrence of the plenary to send TR41.7-13-11-005-M-DRAFT_TIA-571-C_Rev2 out for ANSI ballot once the editor has finished his work on the draft.

Plenary Action Taken: Unanimous Concurrence

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

- Elections for the chair and vice chair were scheduled but were not held since no supported nominations were submitted.
- TR41.7.1 items:
 - CENELEC EN 60950-1 "Information Technology Equipment-Safety Part 1: General Requirements" amendment 2 has been published.
 - The 62368-1 2nd Final Draft International Standard (FDIS) was returned back to the editors on 2013-09-20 for some changes. Once cleaned up will it will go out for vote. The English version was expected to be completed sometime in October. However,

the required changes also need to be made in the French version and it is not known how long it will take for this.

c. TR-41.9 – Terminal Attachment Programs – Randy Ivans (Acting Chair)

Subcommittee TR-41.9 met on Wednesday, November 6, 2013.

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

- TIA-PN-31-D-2, Rationale and Measurement Guidelines for U.S. Network Protection (TSB-31-D Addendum 2)

Current Status: This addendum was sent out for default ballot after the September virtual meeting and the result of the ballot was 9 approves, 2 abstentions and no negative votes. The document is now ready for publication. However, this cannot be done until the FCC accepts ANSI/TIA-PN-4965. A Petition for Rulemaking has been submitted to the FCC requesting the ANSI/TIA-PN-4965 be adopted by reference into Part 68. The FCC has not completed this action yet. TR-41.9 voted to submit the publication authorization paperwork to the TIA to start the internal approvals process with a note not to publish it until the FCC approval has been obtained.

Target Completion Date: 11/2013

Plenary Action Requested: TR41.9 requests concurrence from the plenary to submit the addendum for publication, to be published as TSB-31-D-2 after the FCC approves ANSI/TIA-PN-4965.

Plenary Action Taken: Unanimous Concurrence

- ANSI/TIA-PN-968-B-2, Technical Requirements for Connection of Terminal Equipment to the Telephone Network – Addendum 2

Current Status: Work was completed on the 2nd addendum to TIA-968-B. See TR41.9-13-11-007-LR1-ANSI-TIA-968-B-2-Draft2.0. A motion was made and seconded to open a project for creating the addendum. The motion was approved. A second motion was made to send this document out for ANSI ballot and the motion was approved unanimously by the subcommittee.

Target Completion Date: 11/2013

Plenary Action Requested: TR41.9 requests concurrence from the plenary to open the project and send the draft of the 2nd addendum to TIA-968-B (see TR41.9-13-11-007-LR1-ANSI-TIA-968-B-2-Draft2.0) out for ANSI ballot.

Plenary Action Taken: Unanimous Concurrence.

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

Current Status: No activity this meeting.

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

- TIA-PN-31-D-3 (PROPOSED), Rationale and Measurement Guidelines for U.S. Network Protection (TSB-31-D Addendum 3):

TR41.9 identified the need to revise TSB-31-D to include test procedures related to the proposed addendum 2 of TIA-968-B. In addition, the subcommittee reviewed and approved in principle two additional revisions submitted by Industry Canada (TR41.9-13-11-010-LR1 and TR41.9-13-11-011-LR1). A motion was made and seconded to open a project to develop a new addendum to TSB-31-D to be published as TSB-31-D-3 to cover these items. The motion received unanimous approval by the subcommittee.

Plenary Action Requested: TR41.9 requests concurrence from the plenary to open a new project to develop a new addendum to TSB-31-D to be published as TSB-31-D-3.

Plenary Action Taken: Unanimous Concurrence.

- Elections for the chair and vice chair were scheduled but were not held since no supported nominations were submitted.

4. Liaison Reports

None

5. Action Items and Project Status

a. Review of Action Items from Previous Meeting

Chair Steve Whitesell reviewed the status of action items from the Month meeting as given in TR41-13-11-009-LR2. Most items were noted as having been completed, but the following items still require action:

Carry-over Item 2: TR-41.7 will work with TIA Staff to request ANSI/TIA-1194 be accepted by the NIST Smart Grid Interoperability Panel (SGIP) for inclusion into their Catalog of Standards. SGIP is no longer under NIST. Cataloging process has changed. See further discussion under Old Business, Item 6.b.

New Item 9: TR-41 Chair to follow up with Standards and Technology Department on status of request to establish formal liaison between TR-41 and IEEE STIT. The chair is pursuing this matter with new VP Herb Congdon.

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 TR41-14-02-009 for the next meeting.

c. Project Status Review

Chair Steve Whitesell drew attention to the Project Status Spreadsheet (TR41-13-11-008). Steve indicated he is updating this spreadsheet based on information taken 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.

6. Old Business

a. Ballot Comment Resolution Proposal for Operating Guidelines

Chair Steve Whitesell briefly presented contribution TR41-13-11-011, which is a proposed draft for v1.6 of the TR-41 Operational Guidelines to incorporate procedures for dealing with editorial ballot comments as suggested by TR-41.3. Steve indicated Marianna Kramarikova had reviewed the draft and identified several additional items in other parts of the document that need to be updated. Rather than take up meeting time with a document that needs further work, Steve indicated he would revise the draft to incorporate Marianna's comments and then re-submit it for the next meeting.

b. Submission of ANSI/TIA-1194 for Inclusion in Catalog of Smart Grid Standards

Jeff Hannah, the TIA Standards Manager who has been dealing with Smart Grid issues, joined the meeting to discuss how we my best approach submitting ANSI/TIA-1194 for adoption into the Smart Grid Catalog of Standards (CoS). He indicated the Smart Grid Interoperability Panel (SGIP) is being inundated with requests to add standards to the CoS and is creating a prioritized list as to the order in which they will be considered further for adoption. SGIP has several Domain Expert Working Groups (DEWGs), and our best bet is to identify the appropriate DEWG(s) for this standard and try to get them to review it for placement on the priority list. He suggested two possible DEWGs, the Building-to-Grid (B2G) DEWG and the Home-to-Grid (H2G) DEWG. After further discussion in the meeting, it was decided the H2G DEWG might be the best group to approach

7. New Business

a. Elections

Chair Steve Whitesell noted that it was time to hold elections for the TR-41 Chair and Vice-Chair positions and turned the meeting over to Marianna Kramarikova from TIA Staff to conduct the elections. Marianna indicated no new candidates had come forward and asked if there were any nominations from the floor. There were none. She then said that Steve Whitesell had indicated he was willing to serve another two-year term if there were no other candidates and had submitted the necessary paperwork. Marianna then moved to waive the two-term limit in the Engineering Manual and re-elect Steve Whitesell as Chair of TR-41 by acclamation. There was unanimous consent.

Marianna indicated TIA had received no nominations for TR-41 Vice-Chair and asked if there were any nominations from the floor. There were none, so the position remains vacant.

As noted under Item 1.d, provision had been made in the Agenda for holding deferred TR-41.7 leadership elections if the necessary supporting documentation for a candidate was received in time. It was not, so this election will be held during the February TR-41.7 meeting.

8. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of February 10-14, 2014 in Dallas, TX. The IEEE STIT group plans to collocate with us for the meeting. A recognition event will be held on Wednesday to acknowledge the contributions made to several documents recently authorized for publication and to honor Al Baum for his many years of service to TR-41. The preliminary meeting schedule for the various TR-41 subcommittees and working groups is given in Annex C. The details for the meeting hotel are as follows:

Embassy Suites – Dallas Love Field
3880 West Northwest Highway
Dallas, TX 75220
Phone: 214-357-4500
Room Rate: \$129 + tax
Cut off date: January, 19, 2014

b. Future Meetings

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

Date	Location
May 12-16, 2014	Kanata (Ottawa), ON
August 18-22, 2014	Arlington, VA (TIA Headquarters)
November 10-14, 2014	Albuquerque/Tucson/Salt Lake City

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.

Stephen R Whitesell
Chair, TR-41

**Annex A
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-13-11-001-MR2	Chair	Agenda
TR41-13-11-002-MR1	Chair	Document List
TR41-13-11-003	Chair	Santa Cruz Meeting Report
TR41-13-11-004-MR2	Chair	Attendance Spreadsheet
TR41-13-11-005-MR1	Bress	TR-41.3 Chair's Report
TR41-13-11-006-MR1	Ivans	TR-41.7 Chair's Report
TR41-13-11-007-MR1	Ivans	TR-41.9 Chair's Report
TR41-13-11-008	Chair	Project Status Spreadsheet
TR41-13-11-009-LR2	Chair	Santa Cruz Action Item List
TR41-13-11-010		[Reserved]
TR41-13-11-011	Chair	TR-41 Operational Guidelines Draft v1.6

Annex B Action Items

Carry-over Items from Previous Meeting(s)

1. TR-41.7 will work with TIA Staff to request ANSI/TIA-1194 be accepted by the NIST Smart Grid Interoperability Panel (SGIP) for inclusion into their Catalog of Standards. SGIP is no longer under NIST. Cataloging process has changed. TR-41.7 Chair will work with TIA Staff to make contact with SGIP H2G DEWG to pursue matter further.
2. TR-41 Chair to follow up with Standards and Technology Department on status of request to establish formal liaison between TR-41 and IEEE STIT. The chair is pursuing this matter with new VP Herb Congdon.

New Items

1. TR-41.3 to submit ANSI/TIA-PN-470.000-E for ballot.
2. TR-41.3 to submit ANSI/TIA-PN-470.110-D for publication.
3. TR-41.3 to submit ANSI/TIA-PN-470.112 for publication.
4. TR-41.3 to submit ANSI/TIA-PN-470.122 for publication.
5. TR-41.3 to submit ANSI/TIA-PN-470.132 for publication.
6. TR-41.3 to submit ANSI/TIA-PN-470.210-E for publication
7. TR-41.3 to open a project to reaffirm ANSI/TIA-470.220-C and submit ANSI/TIA-PN-470.220-C-RF1 for ballot.
8. TR-41.3 to submit ANSI/TIA-PN-470.220-C-RFI for reaffirmation "publication" if no negative votes or comments requiring resolution are received on the ballot. Must be completed by April 2014 to avoid being administratively withdrawn from ANSI status.
9. TR-41.3 to continue revision efforts and submit ANSI/TIA-PN-470.220-D for ballot after editorial cleanup.
10. TR-41.3 to submit ANSI/TIA-PN-470.220-D for publication if no negative votes are received on the ballot and no substantive editorial comments are received requiring substantive changes to the document.
11. TR-41.7 to submit ANSI/TIA-PN-571-C for ballot after editorial cleanup.
12. TR-41.9 to submit TIA-PN-31-D-2 for publication as TSB-31-D-2 as soon as the FCC completes its rulemaking to adopt ANSI/TIA-4965 by reference as the receive volume control requirements in Part 68.317 of its rules.
13. TR-41.9 to open a project to create a second addendum to ANSI/TIA-968-B specifying the use of an acoustic stimulus signal when making out-of-band signal measurements and in-band longitudinal signal measurements on equipment with live voice transducers.
14. TR-41.9 to submit the resulting ANSI/TIA-968-B-2 document for ballot.
15. TR-41.9 to open a new project to create a third addendum to TSB-31-B to cover test procedures related to ANSI/TIA-PN-968-B-2 and other issues raised by Industry Canada.
16. TR-41 Chair to revise draft for v1.6 of TR-41 Operational Guidelines and re-submit at next meeting.

Annex C
Tentative TR-41 Meeting Schedule for February 2014 in Dallas, TX

Room	Boardroom 1	Boardroom 2	See Below
MONDAY 0830 – 1230 10 Feb 2014	TR-41.3.3 Digital Xmission Perf (Woo – 10)		IEEE STIT (Bareham – 10) Member's Suite
MONDAY 1330 – 1730 10 Feb 2014	TR-41.3.3 / IEEE STIT Digital Xmission Perf (Woo / Bareham – 15)		
MONDAY 1800 – 1930 10 Feb 2014	TR-41 Chair's Meeting (Whitesell – 10)		
TUESDAY 0830 – 1230 11 Feb 2014	TR-41.7 Environmental & Safety (Ivans – 10)	IEEE STIT (Bareham – 10)	
TUESDAY 1330 – 1730 11 Feb 2014	TR-41.7 Environmental & Safety (Ivans – 10)	IEEE STIT / TR-41.3 ad hoc Receive Reference, etc. (Bareham / Bress – 15)	
TUESDAY 1900 - 2200 11 Feb 2014			
WEDNESDAY 0830 – 1230 12 Feb 2014	TR-41.3.5 Analog Tel Xmission Perf (Whitesell – 10)	TR-41.9 Regulatory (Vacant – 10)	IEEE STIT (Bareham – 10) Boardroom 3
WEDNESDAY 1330 – 1730 12 Feb 2014	TR-41.3.14 Acoustic Accessibility (Bress – 10)	TR-41.9 Regulatory (Vacant – 10)	IEEE STIT (Bareham – 10) Boardroom 3
WEDNESDAY 1900 – 2200 12 Feb 2014	Recognition Event		
THURSDAY 0830 – 1230 13 Feb 2014	TR-41.3 Wireline Terminals (Bress – 10)		IEEE STIT (Bareham – 10) Member's Suite
THURSDAY 1330 – 1730 13 Feb 2014	TR-41.3 Wireline Terminals (Bress – 10)		IEEE STIT (Bareham – 10) Member's Suite
THURSDAY 1900-2200 13 Feb 2014			
FRIDAY 0800 – 1030 14 Feb 2014	TR-41 Closing Plenary User Premises Equipment (Whitesell – 10)		