

Approved by General Counsel

TR-41 Meeting Report

Date(s): 11/17/2014 - 11/17/2014

Location: Tucson, AZ

Approved: 01/16/2015

**Telecommunications Industry Association
Standards and Technology Department**

**Engineering Committee TR-41
Performance and Accessibility for Communications Products**

Meeting Report

Chair: Stephen R. Whitesell
Vice-Chair: (Vacant)
Secretary: (Vacant)

Date: November 17, 2014
Venue: Embassy Suites
City: Tucson, AZ

1. Call to Order and Opening Business

a. Call to Order and Introductions

Chair Steve Whitesell called the meeting to order at 6:00 pm, and the attendees introduced themselves.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 5 of 6 voting member companies represented. Note was made that long-time TR-41 participant Randy Ivans has indicated that that he has been reassigned to new responsibilities within UL and does not expect to be representing them at TR-41 meetings going forward.

1) Quorum Members or Alternates Present

AST – James Bress	Plantronics – Allen Woo
Cisco – Tim Lawler	Whitesell Consulting – Steve Whitesell
Industry Canada – Jason Nixon	

2) Quorum Members Absent

UL – Randy Ivans

3) Others Present

Bob Young & Associates – Bob Young	Plantronics – Dan Selling
Consultant – John Bareham	TIA Staff – Marianna Kramarikova
Harman International – Glenn Hess	

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 Committee Procedures:

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 TIA Standards Development Procedures 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 the TIA Standards Department on a case-by-case basis.

d. Review and Approve Agenda

The Chair submitted a modified agenda for review. He proposed adding "TR-41 Structure" to Agenda Item 3, "Discussion about New Opening Plenary Process and Procedures." There was no objection to the addition, and the modified agenda was approved by unanimous consent.

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 the TIA Legal Guides (ANNEX C of TIA Procedures for American National Standards) and other clauses and annexes of TIA Standards Development Procedures. Participants in the work of the TIA Formulating Groups 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 the 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 a TIA Patent Holder Statement 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

Chair Steve Whitesell welcomed members of the IEEE Subcommittee on Telephone Instrument Testing (STIT), who were collocating their meeting with ours for the week. Several of the STIT members are also included in the TR-41 membership list.

Steve noted that this was the first meeting in which we are trying out a new format for the week. Each subcommittee and working group is being given its own time slot so that no meetings will need to be held simultaneously. The goal of this change is to increase participation in each meeting and assure quorums are present for the subcommittee meetings. The meeting of TR-41 itself, which has been traditionally held as a Closing Plenary on Friday morning, has been shifted to an Opening Plenary on Monday evening in the time slot previously used for an informal Chair's meeting. As a result, reports summarizing the results of each subcommittee's work during the week will not be included in this meeting report.

Steve indicated that the main focus of the meeting would be on modified Agenda Item 3, Discussion about TR-41 Structure, New Opening Plenary Process and Procedures.

g. TIA Staff Remarks

Marianna Kramarikova updated the group on recent changes at TIA, including the naming of Scott Belcher to the newly created position of Chief Executive Officer (CEO). Grant Seiffert remains as TIA President but now reports to CEO Belcher. A search is on for the right person to fill another newly created position, that of Chief Technical Officer (CTO). It is expected that the CTO will be in charge of TIA's standards programs. In the interim, Stephanie Montgomery is serving as Acting Vice President of Technology & Standards.

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. Discussion about TR-41 Structure, New Opening Plenary Process and Procedures

The meetings for the week were structured so that each subcommittee or working group was given a half-day for its meeting, with the sequence of meetings stretching from mid-day on Monday through Thursday afternoon. The TR-41 Plenary was moved from its two-hour time slot on Friday morning to Monday evening in place of the Chairs' meeting. This sequence left one extra half-day time slot, which was used for a joint meeting of TR-41.3 with IEEE STIT on Tuesday morning. We agreed to use a similar sequence for the next meeting in February. If IEEE STIT does not collocate with us, the

extra time slot will be given to the group (or possibly split between two groups) with the most pressing need for extra time.

The main part of the meeting was devoted to a discussion about the structure of TR-41 and its future. The question was raised as to whether TR-41 should consider merging with another Engineering Committee or perhaps become a subcommittee of another Engineering Committee. TR-45 dealing with cellular telephones and TR-8 dealing with mobile radio devices for public safety were mentioned as possibilities.

It was pointed out the TR-41 has unique experience and knowledge in the area of acoustic transmission performance of devices and that perhaps the right approach might be formation of a new subcommittee (or perhaps recasting of TR-41.3) to deal with acoustic interface specifications for all types of voice communications products, including those like cellular phones that may have other aspects of their performance covered by other Engineering Committees. Those in attendance were not aware of TR-45 standards, for example, that deal with voice transmission performance of cellular phones.

There was further discussion about possibly redirecting the TIA-920 revision work to cover computer-centric devices (e.g., tablets) and about taking on projects to address the acoustic performance of "wearables". It was noted that music devices that also support speech, or speech devices that also provide music should be considered.

The net result of the discussion was that we should propose taking over the acoustic interface specification requirements for all communications products by becoming the acoustic-centric committee, or having an acoustic-centric subcommittee, for all of TIA. This will be brought up for discussion at the next TSSC meeting.

4. Subcommittee Reports and Requests

In view of the revised meeting format for the week as discussed under Chair's Remarks (Item 1.f), there were no subcommittee reports. Although there was some thought about changing the subcommittee reports portion of the meeting to a discussion about anticipated subcommittee work during the week, that did not happen. This section will most likely be deleted in future meeting reports.

5. Liaison Reports

None

6. 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 TR41-14-11-009. The following items still require action (see TR41-14-11-009-MR1 for updated list):

Carry Over Item 1: TR-41 Chair to revise draft for v1.6 of TR-41 Operational Guidelines and re-submit at next meeting.

New Item 3: TR-41.9 to submit TIA-PN-31-D-2-R1 for publication as TSB-31-D-2 if the Item 2 re-ballot results in no negative votes or comments that need to be addressed.

New Item 4: TR-41.9 to send revised Addendum 3 to TSB 31-D, incorporating content previously proposed for Addendum 2, out for re-ballot as TIA-PN-31-D-3-R1 once the FCC issues a NPRM on TIA's petition for rulemaking concerning adoption by reference of ANSI/TIA-4965 into the Part 68 rules.

New Item 6: TR-41.9 to submit ANSI/TIA-PN-968-B-2-D1 for publication as ANSI/TIA-968-B-2 and forward it to ACTA for adoption if the Item 5 default ballot results in no negative votes or comments that need to be addressed.

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 TR41-15-02-009 for the next meeting.

c. Project Status Review

Chair Steve Whitesell drew attention to the Project Status Spreadsheet (TR41-14-11-008). 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.

7. Old Business

None

8. New Business

None

9. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of February 9-12, 2015 in Savannah, GA. 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:

Hilton Savannah DeSoto
15 East Liberty Street
Savannah, GA 31401
Phone: 912-232-9000
Reservations: 877-280-0751 or
www.desotohilton.com, Code: TIA
Room Rate: \$119 + 13% Tax
Cut-off date: January 15, 2015

b. Future Meetings

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

Date	Location	
May 11-14, 2015	San Jose, CA	(Hosted by Cisco)
August 10-13, 2015	Kanata/Ottawa, ON	(Hosted by Industry Canada)
November 2-5, 2015	Arlington, VA	(TIA Headquarters)

10. Adjournment

There being no further business, the meeting was adjourned at 8:25 pm. This meeting was conducted in accordance with the TIA Legal Guidelines found in the TIA Procedures for American National Standards.

Stephen R Whitesell
Chair, TR-41

**Annex A
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-14-11-001-LR1	Chair	Agenda
TR41-14-11-002-R2	Chair	Document List
TR41-14-11-003	Chair	Arlington Meeting Report
TR41-14-11-004-MR1	Chair	Attendance Spreadsheet
TR41-14-11-005		Reserved
TR41-14-11-006		Reserved
TR41-14-11-007		Reserved
TR41-14-11-008	Chair	Project Status Spreadsheet
TR41-14-11-009-MR1	Chair	Arlington Action Item List
TR41-14-11-010		Reserved

Annex B Action Items

Carry-over Items from Previous Meeting(s)

1. TR-41 Chair to revise draft for v1.6 of TR-41 Operational Guidelines and re-submit at next meeting.
2. TR-41.9 to submit TIA-PN-31-D-2-R1 for publication as TSB-31-D-2 if the re-ballot results in no negative votes or comments that need to be addressed.
3. TR-41.9 to send revised Addendum 3 to TSB 31-D, incorporating content previously proposed for Addendum 2, out for re-ballot as TIA-PN-31-D-3-R1 once the FCC issues a NPRM on TIA's petition for rulemaking concerning adoption by reference of ANSI/TIA-4965 into the Part 68 rules.
4. TR-41.9 to submit ANSI/TIA-PN-968-B-2-D1 for publication as ANSI/TIA-968-B-2 and forward it to ACTA for adoption if the Item 5 default ballot results in no negative votes or comments that need to be addressed.

New Items

1. TR-41 Chair to bring up the possibility of TR-41 taking over the TIA acoustic interface specification requirements for all communications products by becoming the acoustic-centric committee, or having an acoustic-centric subcommittee, at the next TSSC meeting.

Annex C
Tentative TR-41 Meeting Schedule for February 2015 in Savannah

Room			
MONDAY 0830 – 1230 09 Feb 2015	Ad Hoc		
MONDAY 1330 – 1730 09 Feb 2015	TR-41.3.5 Analog Tel Xmission Perf (Whitesell – 10)		
MONDAY 1800 – 1930 09 Feb 2015	TR-41 Opening Plenary Communications Products (Whitesell – 10)		
TUESDAY 0830 – 1230 10 Feb 2015	TR-41.3.5/TR-41.3.3 Analog/Digital Xmission Perf (Whitesell/Woo – 10)		
TUESDAY 1330 – 1730 10 Feb 2015	TR-41.3.3 Digital Xmission Perf (Woo -10)		
TUESDAY 1900 - 2200 10 Feb 2015			
WEDNESDAY 0830 – 1230 11 Feb 2015	TR-41.7 Environmental & Safety (Vacant – 10)		
WEDNESDAY 1330 – 1730 11 Feb 2015	TR-41.3.14 Acoustic Accessibility (Bress – 10)		
WEDNESDAY 1900 – 2200 11 Feb 2015			
THURSDAY 0830 – 1230 12 Feb 2015	TR-41.3 Wireline Terminals (Bress – 10)		
THURSDAY 1330 – 1730 12 Feb 2015	TR-41.9 Regulatory (Vacant – 10)		
THURSDAY 1900-2200 12 Feb 2015			