



Approved by General Counsel

TR-41 Meeting Report

Date(s): 11/02/2015 - 11/02/2015

Location: Arlington, VA

Approved: 01/18/2016

**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 2, 2015
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 6:01 pm. Since there were several individuals from TIA present (see list below), a round of introductions was made.

b. Roll Call and Quorum

Roll call was taken and a quorum was declared with 5 of 5 voting member companies represented (see TR41-15-11-004-MR2).

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

None

3) Others Present

AST – Don McKinnon	VXi Corporation – Thomas Terrien
Bob Young & Associates – Bob Young*	TIA Staff – Franklin Flint (CTO)*
Consultant in Electroacoustics – John Bareham	TIA Staff – Marianna Kramáriková
	TIA Staff – Stephanie Montgomery (VP)*
Panasonic Corp of NA – Tony Jasionowski	TIA Staff – Taly Walsh (VP)*

*Individual was in attendance but did not sign in on meeting roster.

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 of 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.

e. Review and Approve Agenda

A slightly modified agenda (TR41-15-11-001-MR1) with the addition of an ACTA liaison report as Item 5.a and updates for some of the contribution numbers was submitted for review. It was also noted that two documents had been added under TIA Staff Remarks (Item 1.g). One deals with TIA copyright permission and comes from the recent TSSC meeting. The other is a presentation on TIA Networking Activities and will be presented by Taly Walsh, VP of Marketing. The modified agenda was approved by unanimous consent.

f. Chair's Remarks

The chair noted that this would be his last meeting in this leadership role and that we would be holding elections for a new Chair (and Vice-Chair if there are any candidates) later in the meeting (see Item 9).

g. TIA Staff Remarks

Marianna Kramáriková welcomed Franklin Flint, TIA's new Chief Technical Officer; Stephanie Montgomery, Vice President of Technology and Standards; and Taly Walsh, Vice President of Marketing, Networking and Intelligence to the meeting. She briefly reviewed contribution TR41-15-11-008 describing the process for obtaining copyright permission from TIA when another organization or entity wishes to reproduce text from a TIA document. It is not necessary to obtain copyright permission when just providing a reference to the TIA document by Title and Document Number.

Taly Walsh then presented contribution TR41-15-11-009-L discussing TIA's recent and coming Networking Activities. The Power Point presentation was from the October 29 Technical Committee meeting. The topics covered include the TIA Women in High-Tech Reception on October 20, the TIA CTO Counsel Meeting hosted by Dell in Austin, TX on October 18 & 19, and the Small Cell and DAS Workshop on October 17. Future events include the Vehicle Connectivity Workshop on December 8 and the TIA Annual Conference to be held June 6-9, 2016 in Dallas.

h. Meeting Documents

The list of documents for the meeting (see TR41-15-11-002-R1) was reviewed. An updated list showing documents added and updated during the meeting has been posted as contribution TR41-15-11-002-MR3 and is provided in Annex A.

2. Previous Meeting Report

The report of the previous meeting (TR41-15-11-003-R1) was reviewed and approved without change.

3. Proposal to Declare TR-41.7 Inactive

As discussed at the previous TR-41 Plenary meeting on August 4, TR-41.7 was expected to wrap up its current work and recommend that it go into inactive status at its August 6 meeting. This is indeed what happened. ANSI/TIA-571-C was approved for publication, and the Subcommittee agreed to recommend that its responsibilities be transferred to TR-41.3. James Bress moved that TR-41.7 be made inactivity with responsibility for its standards transferred to TR-41.3. Tim Lawler seconded the motion. Following a brief discussion, the motion passed unanimously. A proposal made by Don McKinnon at the May TR-41.7 meeting to revise ANSI/TIA-631-B to extend the frequency range for

conducted measurements to 80 MHz will probably be handled in a yet-to-be-formed TR-41.3.7 Working Group.

4. Anticipated Subcommittee Work for this Meeting

TR-41's subcommittees and working groups will meet at various times on Tuesday through Friday. The anticipated activities are summarized below.

a. TR-41.3 – Analog and Digital Wireline Terminals – James Bress

TR-41.3.5 met on Tuesday afternoon and considered contributions TR41.3.5-15-11-004 and -005 providing proposed draft text for revising the ANSI/TIA-470.210-E resistance and impedance requirements and the ANSI/TIA-470-220-D alerter acoustic output requirements, respectively. The goal in both cases is to remove requirements for Type B ringing from the documents. Following discussion, both documents were approved to be submitted for ballot following editorial cleanup. Both documents were also approved to be submitted for publication if the results of their ballots are either all Approve or Approve with Comments votes that only included minor editorial comments that can be resolved by the editor. ANSI/TIA-470.130-C headset requirements and ANSI/TIA470.310-D cordless telephone range testing procedures are currently open for reaffirmation ballots.

TR-41.3.5 Chair Steve Whitesell raised the issue of whether the name and scope of the Working Group should be modified. The current name is Analog Telephone Transmission Performance Working Group and the scope is to “develop and maintain standards for the transmission performance of telephones having an analog interface for connection to telecommunications services.” It was pointed out that the “transmission” part of the name and scope goes back to the time when there were separate working groups dealing with various aspects of analog terminals (e.g., impedance, alerting, signaling, etc.). The suggestion was made to drop “transmission” from the name and scope to make it clear the Working Group covers all performance aspects for analog interface terminals. It was mentioned that a similar change might be considered for TR-41.3.3 regarding digital interface terminals. It was decided to have people think about this proposal and perhaps take it up in the TR-41.3 meeting on Thursday.

TR-41.3 will meet jointly with the IEEE Working Group on Communications Electroacoustics (WG CE) on Tuesday morning to discuss topics of mutual interest.

TR-41.3.3 will meet on Tuesday afternoon. The ANSI/TIA-920.110-B handset digital telephone transmission performance was published in October along with the ANSI/TIA-920.000-B overview document for this series. The working Group will review Allen Woo's latest draft of the ANSI/TIA-PN-920.130-B headset document. Work also needs to begin on the ANSI/TIA-PN-920.110-C speakerphone document, but a draft is not available for this meeting.

TR-41.3.14 will meet on Wednesday afternoon. The ANSI/TIA-1083-B magnetic coupling and ANSI/TIA-4953-A high gain amplified telephone standards were published in October. The working group will be discussing several old and new business items including in-line amplifiers, getting the HLAA website to provide a reference to TIA standards, other initiatives being undertaken by HLAA, a possible standard for list of features that define accessibility, status of the CEA PSAP project, an ETSI telephone accessibility draft standard, and redoing the TIA-4953 license agreement web page to make it a more generic accessibility web page.

The TR-41.3 Subcommittee will meet on Thursday morning to review the outputs of the Working Groups and approve documents for ballot or publication, as appropriate. It will also be holding elections for the Chair and Vice-Chair positions (if candidates are available for both).

b. TR-41.9 – Terminal Attachment Programs – Jason Nixon (Interim Chair)

TR-41.9 will meet on Thursday afternoon. TIA-168-C labeling requirements has just been published. A cover letter transmitting it to ACTA for their 30-day review process and adoption needs to be created. The Subcommittee will consider contribution TR41.9-15-11-008 proposing a third addendum to TSB-31-D to describe how Conversational Gain measured according to ANSI/TIA-4965 can be used to show compliance with the existing FCC Part 68.317 volume control requirements. The FCC has just recently issued an NPRM addressing TIA's 3-year-old proposal to adopt ANSI/TIA-4965 directly into Part 68.317 by reference. When that happens, the new Conversational Gain test procedure being provided can be used directly. The Subcommittee will consider joint contribution TR41.9-15-11-006 from Tim Lawler (Cisco) and Steve Whitesell

(Whitesell Consulting) proposing a Third Addendum to ANSI/TIA-968-B. The addendum adds requirements for FAST DSL technology (also informally known as G.FAST) and removes the requirements for Type B ringing. Contribution TR41.9-15-11-009-L contains a corresponding proposal from Steve Whitesell for an amendment to delete the Type B ringing requirements from TSB-31-D.

5. Liaison Reports

Chair Steve Whitesell mentioned the liaison report (TR41.9-15-11-007) that he had given to ACTA at its meeting on October 22. The information is mainly of interest to TR-41.9 and will be discussed in further detail in that meeting on Thursday.

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 May 2015 meeting as given in TR41-15-11-006-LR2.

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

The Chair has reviewed document and found it would require major rework to bring it into alignment with current TIA Engineering Committee Operating Procedures (ECOP). For example, it has 10 references to "Engineering Manual," includes the concept of a separate Electronic Document Coordinator (EDC) for each subcommittee or working group, only identifies documents ready for letter ballot or publication (as opposed to all drafts) as needing to be in the Working folder, etc. It does contain good info on file naming conventions, recognition lists, etc. that doesn't always get followed. After discussion, the members decided to just leave the document as is and just use it for reference going forward.

Carry Over Item 2: TR-41 Chair to continue to work with ETSI STQ Vice Chair Scott Isabelle about having collocated meeting at TIA Headquarters in the late October 2016 time-frame.

This effort should continue, but the October 2016 time-frame does not appear to be viable. 2017 date are now under consideration.

Carry Over Item 3: Marianna Kramáriková and Tony Jasionowski to work on getting the TIA-4953 License Agreement web page updated to become the Accessibility web page. Information on TIA-1083-A will be added and the HLAA and TEDPA information will be updated.

This item is still open.

New Item 1: TR-41 Chair to work with TIA Staff to issue a Call for Candidates for November elections.

Item complete. Email sent out on 10/05/2005 with follow-up email on 10/20/2015. Elections are scheduled for this week.

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 TR41-16-02-006 for the next meeting.

c. Project Status Review

Chair Steve Whitesell reviewed the Project Status Spreadsheet (TR41-15-11-005-LR2). Information regarding the closing dates, ANSI public review dates, and publication dates has been added for several document recently/currently going through the ballot process.

7. Old Business

a. Ballot Comment Resolution Proposal for Operating Guidelines

No progress has been made on this item. This item will be dropped in light of the decision not to revise the Operating Guidelines (see Item 6.a above).

8. New Business**a. Discussion about Canadian RAMQ Program**

The Province of Quebec has a program called Régie de l'assurance maladie Québec (RAMQ) that provides assistance to people in need of medical services. It includes hearing aids and assistive listening devices (which includes telephone amplifiers). In this latter regard, it is somewhat akin to the TEDPA (Telecommunications Equipment Distribution Program Association) that makes amplified phones available through various state agencies in the U.S.

9. Elections**a. Election of TR-41 Chair**

Outgoing Chair Steve Whitesell turned the meeting over to TIA Staff Manager Marianna Kramáriková to conduct the leadership elections. Marianna announced that she had received a nomination for James Bress of AST Technology Labs to serve in the position of TR-41 Chair. She asked if there were any additional nominations. There were none. Steve Whitesell moved that Jim be elected by acclamation. Marianna asked if there was any objection. There was none so Marianna declared James Bress to be elected as the new TR-41 Chair by acclamation.

b. Election of TR-41 Vice Chair

Marianna indicated she had received no nominations for Vice Chair. She asked if there were any nominations from the floor. There were none, so the Vice Chair position remains unfilled at this time.

c. Recognition of Outgoing Chair

Marianna then asked for a round of applause for Steve Whitesell who is stepping down after 15 years as TR-41 Chair. When the applause subsided, Steve said it had been his great honor to serve and thanked all of those who had made the journey possible. Marianna announced that further recognition would be made during the event scheduled for Wednesday evening.

10. Meeting Schedules**a. Next Meeting**

The next set of TR-41 meetings will be held February 9-12, 2016. They will be hosted by ASDT Technology Labs at their offices in Melbourne, FL. AST is working with the Radisson Hotel on the beach to obtain a discounted room rate. Information regarding booking rooms should be available shortly. The address for AST is as follows:

AST Technology Labs
1430 Sarno Road
Melbourne, FL 32935
321-254-8118

b. Future Meetings

The schedule for future TR-41 meetings is given below (all locations are tentative at this time):

Date	Host	Location
May 2-5, 2016	Plantronics	Santa Cruz, CA
August 2-5, 2016	Industry Canada	Ottawa (Kanata), ON
November 7-10, 2016 ??	TIA Headquarters	Arlington, VA

11. Adjournment

There being no further business, the meeting was adjourned at 8:30 pm.

This meeting was conducted in accordance with the TIA Legal Guides and the engineering procedures.

Stephen R Whitesell
Chair, TR-41

**Annex A
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-15-11-001-MR1	Chair	Arlington Agenda
TR41-15-11-002-MR3	Chair	Arlington Document List
TR41-15-11-003-R1	Chair	Ottawa Meeting Report
TR41-15-11-004-MR2	Chair	Arlington Attendance Spreadsheet
TR41-15-11-005-LR2	Chair	TR-41 Project Status Spreadsheet
TR41-15-11-006	Chair	Ottawa Action Item List
TR41-15-11-007	Chair	TR-41 Liaison Report to ACTA
TR41-15-11-008	TIA TSSC	TIA Copyright Process (TSSC-20151027-004)
TR41-15-11-009-L	TIA TC	Technical Committee Networking Presentation 20151029

Annex B Action Items

Carry-over Items from Previous Meeting(s)

1. TR-41 Chair to continue to work with ETSI STQ Vice Chair Scott Isabelle about having collocated meeting at TIA Headquarters. It now looks like this would have to be in the 2017 time-frame.
2. Marianna Kramáriková and Tony Jaisonowski to work on getting the TIA-4953 License Agreement web page updated to become the Accessibility web page. Information on TIA-1083-A will be added and the HLAA information will be updated.

New Items

1. None.

Annex C
Tentative TR-41 Meeting Schedule for February 2016 in Melbourne, FL

Room		
TUESDAY 0830 – 1230 09 Feb 2016	Ad Hoc	
TUESDAY 1330 – 1730 09 Feb 2016	TR-41.3.5 Analog Tel Xmission Perf (Whitesell – 10)	
TUESDAY 1800 – 1930 09 Feb 2016	TR-41 Opening Plenary Communications Products (New Chair – 10)	
WEDNESDAY 0830 – 1230 10 Feb 2016	TR41.3.5/TR-41.3.3 As Needed (Whitesell/Woo – 10)	
WEDNESDAY 1330 – 1730 10 Feb 2016	TR-41.3.3 Digital Xmission Perf (Woo -10)	
WEDNESDAY 1900 - 2200 10 Feb 2016		
THURSDAY 0830 – 1230 11 Feb 2016		
THURSDAY 1330 – 1730 11 Feb 2016	TR-41.3.14 Acoustic Accessibility (Bress – 10)	
THURSDAY 1900 – 2200 11 Feb 2016		
FRIDAY 0830 – 1230 12 Feb 2016	TR-41.3 Wireline Terminals (New Chair – 10)	
FRIDAY 1330 – 1730 12 Feb 2016	TR-41.9 Regulatory (Vacant* – 10)	
FRIDAY 1900-2200 12 Feb 2016		

*Jason Nixon has agreed to serve as Interim Chair for TR-41.9