



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-41 Meeting Report

Date: 02/11/05

Location: Las Vegas, NV

Approved: 03/04/05

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Telecommunications Industry Association  
Standards and Technology Department

Engineering Committee TR-41  
User Premises Telecommunications Requirements

Meeting Report

Chair: Stephen R. Whitesell  
Vice-Chair: Roger W. Britt  
Secretary: Harry A. Van Zandt

Date: February 11, 2005  
Venue: Embassy Suites  
City: Las Vegas, NV

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**1. Call to Order and Opening Business**

**a. Call to Order and Introductions**

Chair Steve Whitesell called the meeting to order at 8:00 am, and the attendees introduced themselves.

**b. Roll Call and Quorum**

Roll call was taken and a quorum was declared with 13 of 17 voting member companies represented. Note was taken that since Tenovis has been acquired by Avaya, Joachim Pomy will be attending as an Avaya representative and Tenovis has been removed from the quorum list.

**1) Quorum Members or Alternates Present**

AST – James Bress

Avaya – Joachim Pomy

Cisco – Bob Bell

Littelfuse – Phillip Havens

Mitel – Greg Slingerland

Nortel – Roger Britt

Plantronics – Allen Woo

Siemens – Tailey Tung

Sprint – Amar Ray

Telcordia – Chrys Chrysanthou

UL – Randy Ivans

Uniden – Al Baum

VTech – Steve Whitesell

**2) Quorum Members Absent**

Alcatel – François Pinier

ATLINKS – Roger Hunt

ECS – Harry Van Zandt

Wyle Labs – Jim Smith

**3) Others Present**

Industry Canada – Efrain Guevara

Pador Enterprises – Pierre Adornato

Siemens – Dave Vander Meiden

TIA Staff – Stephanie Montgomery

**c. Review and Approve Agenda**

The agenda was submitted for review and approved with the addition of Liaison Reports from ETSI and ITU-T SG 12 as items 4d and 4e.

**d. 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:

There is no objection in principle to drafting a TIA Publication in terms that may require the use of a patent. Participants in the work of the TR-41 are urged to review the Patent Policy in TIA's Engineering Manual. An electronic version of the Engineering Manual is available on TIA's website at [www.tiaonline.org](http://www.tiaonline.org), or a copy may be obtained from the TIA Secretariat.

Individual participants are encouraged to notify TIA of any patents or pending patent applications that may be essential to the practice of a proposed TIA Publication. Such notification should be made early in the development process to reduce the possibility for

delays and increase the likelihood that the proposed TIA Publication will be approved. The participant making such a disclosure will be requested to have his/her company submit a statement concerning its willingness to license the essential patents as set forth in Annex H to the Engineering Manual. The disclosure need not (but may) identify the specific patents or pending patent applications that may be essential to the practice of the proposed TIA Publication.

Patent searches are not required to comply with the TIA Patent Policy.

**e. Chair's Remarks**

Steve reminded everyone that this was the year to hold elections for the leadership of TR-41 and its odd-numbered subcommittees. A call for candidates for TR-41 Chair and Vice-Chair will be made at the May meeting and the elections will be held in August. The call for candidates for the odd-numbered subcommittees will be made at the August meeting, with elections in November.

The changes to the Engineering Manual that will require use of revised document cover sheets have been approved. Steve will work with Greg Slingerland to adapt the suggested cover sheet template to make it specific for TR-41 use. Steve will provide the Word version, and Greg will do the ones for Excel and PowerPoint documents.

Steve noted that the meeting schedule shows morning sessions running from 8:30 to 12:30 and afternoon sessions running from 1:30 to 5:30. He noted that meeting times shown on individual subcommittee agendas are controlling, but suggested that chairs might want to take the hours shown on the schedule into account when setting times on their agendas. He also noted that meeting rooms are reserved from 8:00 am to 6:00 pm, so that full block of time is available to groups who need it. A suggestion was made that a note be included on the schedule about the times shown on agendas taking precedence, and this will be done

**f. TIA Staff Remarks**

Stephanie Montgomery noted that Susan Hoyler, Director of Standards Development and Promotion, will be leaving TIA at the end of February. A decision on her replacement has not been announced. The meeting planner function is also vacant.

Stephanie announced TIA sponsorship of a new Trade Show called Globalcomm. It will be held in Chicago starting in June 2006. Press release information about it is available on the TIA web site.

The revised Engineering Manual incorporating changes proposed by the IPR Standing committee should be available soon.

**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-41.1 – Telephony Aspects of MLTS and VoIP Equipment – Tailey Tung**

Subcommittee TR-41.1 and its TR41.1.1 working group on analog telephone port requirements for packet-based terminal adapter project met on Thursday, February 10, 2005.

Project Status: The following is a summary of the status of each project assigned to TR-41.1.

- PN-3-0190, 1544 kbps Interface Requirements for Packet-based Gateways (ANSI/TIA-1062 when published)

Current Status: TR41.1 reviewed the third draft standard and accepted changes in the following areas:

- a. Removed AMI (Alternate Mark Inversion) and SF (Superframe) from the standard.
- b. Included Channel Associated Signaling (CAS) and QSIG requirements.

Target Completion Date: 5/2006.

- SP-3-0191, Analog Telephone Port Requirements for Packet-based Terminal Adapters (ANSI/TIA-1063 when published)

Current Status: The half day TR41.1.1 meeting was not able to review all the contributions. The working group completed only the review in the following areas:

- a. General ringing requirements.
- b. New V-I load characteristics.
- c. Added Type 1 – ATA with REN up to 5 and Type 2 – ATA with REN up to 3.
- d. Standardization on 20Hz ringing.

Target Completion Date: 5/2006.

- SP-3-4689-RV1, Voice Quality Recommendations for IP Telephony (TIA-116-A when published)

Current Status: TR41.1 reviewed and unanimously approved the change from “musts” to “shoulds” in the revised TSB-116-A.

Target Completion Date: 8/2005.

Plenary Action Requested: TR41.1 voted and unanimously approved the Chair to request Plenary agreement to send the revised draft TSB-116-A to TIA for ballot.

Plenary Action Taken: Approved by unanimous consent.

Additional Information: TR-41.1 would like to provide the following additional information.

- Concerning interim meetings of the TR-41.1.1 working group:

The TR-41.1.1 working group requested and TR-41.3 approved completing the review of the outstanding contributions for this meeting via teleconference. This information was originally presented as a request for concurrence by the Tailey Tung as Chair of TR-41.3. However, TR-41 Chair Steve Whitesell informed him that if the Subcommittee had agreed to the request, it need only inform TR-41 of the decision. No action was required by TR-41.

- Concerning TIA request to upgrade, withdraw or revise TSB with “shalls”

Current Status: TR41.1 Chair corresponded with TIA on December 16, 2004 requesting agreement to allowing TSB-32-A and TSB-123 to continue use the word “musts” and “shalls”. TIA policy mandates TSB with “shalls” to either be withdrawn or upgraded to a TIA standard.

- a. TR41.1 re-voted and agreed to upgrade TSB-123 to a TIA standard.
- b. TR41.1 re-discussed TSB32-A and requested TIA through Stephanie Montgomery to re-consider the possibility of continue keeping TSB32-A with “musts” and “shalls” without upgrading it to a TIA standard for the reason it is an informative document developed jointly by TR41.1 and ETSI. They indicated the “musts” and “shalls” in the document were citing requirements in the referenced standards from ETSI and TIA that could not be replaced by “should”.

Target Completion Date: 11/2005.

Plenary Action Requested: TR41.1 voted and unanimously approved the Chair to request Plenary agreement to open a project to upgrade TSB-123 to TIA standard.

Plenary Action Taken: Approved by unanimous consent.

- Concerning liaison with DSL Forum on ATA standard

Current Status: TR41.1.1 considered it important to establish liaison with other standard bodies, such as the DSL Forum and ITU-T SG9, who are developing analog telephone port requirements for packet-based terminal adapters. TR41.1.1 wished to start with DSL Forum who has initiated a project, WT-122, on baseline requirements for SIP-based analog telephone adapter similar to SP-3-0191.

Target Completion Date: 11/2005.

Plenary Action Requested: TR41.1 voted and unanimously approved the Chair to request Plenary agreement to send a liaison letter to DSL Forum (TR41-05-02-013-M).

Plenary Action Taken: During discussion of the motion by the TR41.1 Chair for concurrence in sending the liaison letter, the subject of sending a similar liaison letter to ITU-T SG 9 was brought up. Joachim Pomy moved, and Jamse Bress seconded, to amend the motion to also include ITU-T SG 9. The motion to amend was passed by unanimous consent, and the amended motion to send liaison letters to both bodies was then approved by unanimous consent.

#### **b. TR-41.3 – Analog and Digital Wireline Terminals – James Bress**

Subcommittee TR-41.3 met on Thursday afternoon, February 10, 2005. Its various working groups met from Monday through Wednesday.

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

- PN-3-nnnx, Comparison of TIA-470-C and ETSI TS 103 021 Requirements (to become a TSB)

Current Status: No contributions and no work was done on this project. It is expected with the completion of TIA-470.230 (Network Signaling) that work on this project will commence.

Target Completion Date: 11/2005

- PN-3-nnny, USB-Based Handsets, Headsets, and Speakerphones (to become ???)

Current Status: There were no new contributions or work done on this project this meeting. It is expected when TIA-810-B is completed the efforts on the USB devices project will increase.

Target Completion Date: 08/2006

- PN-3-nnnz, Telephone Answering Devices (to become ???)

Current Status: The Ad-hoc group met in the evening and reviewed a joint contribution from AST Technology Labs and Sprint. An outline of items for the standard was developed. Need more contributions for progress.

Target Completion Date: 02/2006

Plenary Action Requested: Request concurrence to start a new working group, 41.3.12 for Telephone Answering Devices (TAD).

Plenary Action Taken: Approved by unanimous consent.

- PN-3-4350.120-RV3, Hands Free Acoustic Performance Requirements for Analog Telephones (to become TIA-470.120-C)

Current Status: Discussion regarding whether the testing method should use HATS or a microphone and speaker. IEEE 1329 supports either method, as do the applicable ITU standards. The answer to this needs to be coordinated with TR-41.3.3 and IEEE-STIT (for IEEE- 1329). There are several technical issues left to tackle for this project.

Target Completion Date: 05/2006

- PN-3-4350.130-RV3, Headset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.130-C)

Current Status: The WG discussed measurements for distortion and issues regarding measuring 2<sup>nd</sup> and 3<sup>rd</sup> harmonics. Test signal levels were also discussed. Liaison with IEEE-STIT may help with these efforts. It also discussed issues regarding balancing of amplitudes between the left and right ear. Working group members agreed to submit new contributions relating to several open technical issues.

Target Completion Date: 02/2006

- PN-3-4350.230-RV3, Network Signaling Performance Requirements for Analog Telephones (to become TIA-470.230-C)

Current Status: The industry ballot expected after last meeting did not occur. New technical contributions were discussed regarding pulse dialing and DTMF signaling impairments. All technical issues were resolved and after editorial cleanup and a short working group editorial review, the document will be sent for industry ballot by March 9.

Target Completion Date: 05/2005

Plenary Action Requested: Request concurrence to send PN-3-4350.230-RV3 (to become TIA-470.230-C) for Industry (ANSI) ballot.

Plenary Action Taken: Approved by unanimous consent.

- PN-3-4350.320-RV3, Cordless Telephone Performance Requirements (to become TIA-470.320)

Current Status: Contributions have been light over the last few meetings. There was agreement within the working group to wait till next meeting for any more contributions. It was also agreed that even without any new contributions, there is enough useful requirements in the current draft to publish the document. At the May 2005 meeting, any contributions will be reviewed and the document will be reviewed and prepared to go out for a committee ballot.

Target Completion Date: 11/2005

- PN-3-4353-RV2, Transmission Requirements for Narrowband Voice over IP and Voice over PCM Digital Wireline Telephones (to become TIA-810-B)

Current Status: There was discussion on the scope related to "wireless devices". The scope was revised so as not to conflict with TR-45. There was discussion on the Receive Volume Control issue regarding reference (or "nominal") setting. Consensus was reached that the requirements should be changed back to the 470.110-C method. There was also discussion on Single Frequency Interference (SFI) performance specification. The HAC magnetic coupling requirements will be changed from referencing 504-1 to specifying the procedure for setting the stimulus level. Editor is to review TSB-31-C draft to check for consistency. Progress was made on defining the measurement methods for TCLw. There was also discussion on issues of relating frequency response and loudness ratings for TIA-810-B (narrowband) and TIA-920 (wideband).

Target Completion Date: 02/2006

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

- There was considerable contribution from Al Baum (Uniden) regarding the cordless telephone Hearing Aid Compatibility (HAC) issue. Mr. Baum's contribution showed a viable test method for magnetic interference testing and presented test data from many telephones tested and also test data with a hearing aid. Martin Perrine from the FCC and Judy Hawkins from Gallaudet University attended the meeting discussion for this issue by teleconference. The next steps in this effort are to test with several more hearing aids to see if a conclusion can be reached on the hearing aid issue for cordless telephones being magnetic or RF related.

The current test data shows there is definitely a magnetic issue. Steve Kropp (VTech) also presented a contribution that tended to illustrate the problem 60 Hz harmonics can contribute when trying to make these measurements. Mathew Mulvihill from Industry Canada attended the TR-41.3 meeting and expressed interest in helping with the research required for the cordless - HAC effort. UPED will be apprised of the status of the TR-41.3 efforts on this matter and will be asked for guidance for the next steps desired.

**c. TR-41.4 – IP Telephony Infrastructure and Interworking - Bob Bell**

Subcommittee TR-41.4 met on Tuesday and Wednesday, February 8 & 9, 2005. The Wednesday afternoon session included a joint meeting with ATIS PRQC (formerly T1A1).

Project Status: The following is a summary of the status of each Project assigned to TR-41.4.

- PN-3-0061, IP Telephony Security Framework (to become new TSB)  
Current Status: Work holding pending the completion of the work on 811A  
Target Completion Date: 11/2005
- PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)  
Current Status: No Contributions Received. Editor will be contacted about future of this project.  
Target Completion Date: ????
- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)  
Current Status: No Contributions Received. Editor will be contacted about future of this project.  
Target Completion Date: ????
- PN-3-0104, Functionality Classes for IP Telephony Residential Gateways (to become TSB-148)  
Current Status: No Contributions received, Editor notified of intent to terminate following November 2004, but no response was received.  
Target Completion Date: Project Closed  
Plenary Action Requested: TR41.4 requests the concurrence of TR41 in closing project PN-3-0104 effective immediately.  
Plenary Action Taken: Agreed by unanimous consent.
- PN-3-0105, IP Telephony Endpoint Performance Metrics (to become TIA-1004)  
Current Status: No Contributions received, Editor notified of intent to terminate following November 2004, but no response was received.  
Target Completion Date: Project Closed  
Plenary Action Requested: TR41.4 requests the concurrence of TR41 in closing project PN-3-0104 effective immediately.  
Plenary Action Taken: Agreed by unanimous consent.
- PN-3-0172, Enterprise Location Information Server Interfaces (to become TIA-1049)  
Current Status: Two contributions received and 2 hours of discussion on the subject.  
Target Completion Date: 11/2005

- PN-3-0185, Link Level Discovery Protocol (LLDP) – Media Endpoint Discovery (MED)  
Current Status: Going to Ballot  
Target Completion Date: 11/2005  
Plenary Action Requested: TR41.4 requests the concurrence of TR41 for the submission of the current draft of PN-3-0185 for ANSI 45 ballot simultaneously with a committee ballot. The intent is to review all ballot comments in the May meeting and then move to publish the standard as soon as possible thereafter.  
Plenary Action Taken: Unanimous approval to submit document for SP ballot (goes to ANSI as well as to committee members).
- PN-3-0202, Technical Assessment of Synchronization Methods in IP Networks from a Quality of Experience Perspective (to become TSB-160)  
Current Status: A submission was received and a presentation made. The editor was not present, but Roger Britt served as her representative.  
Target Completion Date: 5/2006
- PN-3-4462-URV, Performance and Interoperability Requirements for Voice-over-IP (VoIP) Telephone Terminals (to become TIA-811-A)  
Current Status: Pending Committee Ballot  
Target Completion Date: 8/2005  
Plenary Action Requested: TR41.4 requests the concurrence of TR41 in submitting the current draft of PN-3-4462-URV for committee (not ANSI at this time) ballot after the inclusion of text from Roger Britt concerning HAC. It is anticipated that the needed material will be ready for inclusion within 2 weeks. There were substantive changes in the material at the TR41.3 working group level on Monday and these need to be ported into the document. It is anticipated that ballot comments would be resolved at the May meeting and that the document would be approved for publication subsequently.  
Plenary Action Taken: Approved by unanimous consent. The chair noted that if this version of the document is not going for ANSI approval, the project designation should be changed to PN-3-4462-RV1.
- PN-3-4726-RV1, Location Identification and Callback Procedures for IP Terminals (to become TSB-146-A)  
Current Status: No submissions received. Neither Editor nor Representative present at meeting. Editor to be contacted about intent to complete this work. Possible alternative editor has been identified.  
Target Completion Date: ????

Additional Information: TR-41.4 would like to provide the following additional information.

- TR41.4 held a joint meeting with ATIS PRQC to discuss areas of mutual interest and possible collaboration. Both committees presented briefs of their activities for the other. There does appear to be some areas wherein mutual cooperation and collaboration are possible. Further discussions will be conducted with the chairs acting as the conduit between the two committees.
- TR41.4 requests permission to establish a liaison with the IETF MIB Experts group in order for them to review the MIB associated with PN-3-0185. This review will result in a ballot response and will help assure that the MIB is properly structured.

Plenary Action Requested: TR41.4 requests the concurrence of TR41 for the establishment of the liaison and the creation of a protected area on the TR41.4 web site which may be used



to share access to the balloting version of PN-3-0185 with the MIB experts. The text of the liaison request is given in TR41-05-02-014-M.

Plenary Action Taken: Agreed by unanimous consent.

**d. TR-41.7 – Environmental and Safety Considerations - Randy Ivans**

Subcommittee TR-41.7 met on Thursday afternoon, February 10, 2003. Its 41.7.4 and 41.7.5 Working Groups met on Wednesday, and its 41.7.1 Working Group met on Thursday morning.

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

- PN-3-3283-RV2, Environmental Considerations (to become TIA-571-B)

Current Status: Special thanks to Jim Bress who volunteered to chair the evening meeting (in Las Vegas, no less!). All appreciate his dedication. The WG continued to reviewed latest draft. It was noted that no technical contributions have been received in the last 3 meetings so progress has kind of stalled. Participation overall in the WG has dropped considerably. This is critical since TIA-571A is already past due. Possible options are that:

1. TIA-571A be re-affirmed
2. TIA-571A be dropped in lieu of 571B if it can be completed quickly
3. TIA-571A be dropped with no replacement
4. Take what is firm now from the work completed for TIA571B and put in the 571A words in the areas that still need discussion (as a way to get the work completed as quickly as possible.)

As much of the work is, in fact, completed, the first choice of the WG would be to speed up the 571B completion process . The WG believes that if a status list can be completed prior to the next meeting that the remaining technical work can be completed at that meeting.

Target Completion Date: 8/2005

Plenary Action Requested: None

Plenary Action Taken: The chair requested the status of TIA-571-A be reviewed. Was an extension of time for completing the revision submitted to ANSI, or jhas the document lost its ANSI status?

- PN-3-0129, Telecom Circuit Overcurrent Protectors (to be submitted to UL)

Current Status: The draft is getting to the point where technical requirements are starting to gel. There is concern in the WG that there is not adequate participation from companies that should be interested. The fear is that this may result in items not being considered or last minute comments, objections and the like.

The chair of the WG would like to send a letter (via email) to TR41 membership with information on the status of the work and the importance of participating if the work is applicable to the company's products. In addition, there are a few companies that are not participating whose expertise would be valuable and might have a stake in the outcome of the work that the Chair would like to send a similar letter to (via email) that would also provide them with information on how to participate. One thought was to invite them one meeting as an expert so they could see what is going on.

Target Completion Date: 08/2005

Plenary Action Requested: Advice of sending the letters.

Plenary Action Taken: The chair concurred that the TR-41.7 chair could contact the TR-41 membership as well as other companies that the committee believes should have an interest in this work to make them aware of it. Non-member companies can be encouraged to attend one meeting as guests to see if they might be interested in participating.

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

- As presented at the last plenary, TR41.7 is tracking problems associated with cell phone batteries. The European Commission has requested a work project to develop requirements that would be eventually mandated in the RTTE Directive. The IEEE P1725 is also working on cell phone battery requirements though these appear to be more performance related than safety related. However, TR41.7 would like to interface with this IEEE committee as an information resource in our tracking activities and would like suggestions on the best way to do this. We do not think a formal liaison is necessary as the work is expected to be completed by the end of June.

Plenary Action Requested: Suggestions and ideas for an informal liaison.

Plenary Action Taken: The chair suggested that informal liaisons are best handled by common participation of individuals in the work of both organizations. Such an individual can report to one organization about his/her observation of the work going on in another organization so long as he/she makes it clear that the information provided is based on personal observation and is not a formal liaison report.

**e. TR-41.9 – Terminal Attachment Programs – Greg Slingerland**

Subcommittee TR-41.9 met on Tuesday afternoon, February 8, 2005. Its 41.9.2 Working Group met on Monday afternoon and Tuesday morning.

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

- PN-3-0016-AD3, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Third Addendum to TIA-968-A)

Current Status: Document has been published, submitted to ACTA for 30-day review, and was adopted by them in accordance with FCC Part 68 rules.

Target Completion Date: Project Complete

- PN-3-3602-RV3, Rationale and Measurement Guidelines for TIA-968 (to become TSB-31-C)

Current Status: This work is still ongoing. We only have a couple of sections that still need review or editing. The task to start the general editorial review of the draft has begun.

Target Completion Date: 11/2005

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

Current Status: TR41.9 is reviewing the questions and answers provided to previous questions. A draft of the updated questions (except for one) now exists. We hope to be completed this work and post the new document at the next meeting.

Target Completion Date: 8/2005

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

- Industry Canada has retained Pierre Adornato as a consultant to study how the CS-03 Terminal Attachment rules might be harmonized with FCC Part 68 and TIA-968-A. He gave a presentation to TR41.9 expressing his views about how this might be accomplished and seeking input on the committee's interest in revising TIA-968-A so that Industry Canada might point to it as well as FCC. The committee was generally in support of the idea and the chair offered to take the opinions to TAPAC on behalf of the subcommittee. TR41.9 wishes to inform TR41 of the chair's plans to attend the next Industry Canada meeting and express the opinions of TR41.9 to them on this proposal.
- TR41.9 has finalized its document for the ACTA on the list of documents for terminal attachment compliance and the associated critical dates. We have decided to call this document the "Summary of Technical and Labeling Criteria Dates". Once the final dates for TIA-968-A-3 are known this document will be updated and it will be sent to the ACTA with a

request for them to post it on their web site next to the criteria documents. At the last minute this document was severely pared down from its original form. It is still very useful to the industry and will be sent to the ACTA in this form. We will be working at the next meeting to improve the clarity of the removed information.

#### 4. Liaison Reports

##### a. IEEE 802.11/19

Steve Whitesell presented a liaison report on IEEE 802.11 W-LAN and IEEE 802.19 Coexistence TAG activities based on his observations while attending the January 802 Wireless Interim meeting in Monterey, CA. The report is in Contribution TR41-05-02-012-L.

##### b. ATIS NIPP (formerly T1E1)

No report. Since we are no longer regularly collocating meetings with NIPP, this report will be dropped as a regular agenda item.

##### c. ATIS PRQC (formerly T1A1)

PRQC collocated with TR-41 for this meeting and held a joint session with TR-41.4. Since it appears the primary interest is between these two groups, this report will be dropped as a regular TR-41 agenda item.

##### d. ETSI

A reply was received from ETSI STQ concerning the liaison letter sent to ITU-T SG 12 (TR41-04-11-011-MR1) on Type 3.3 artificial ear pinnae. ETSI STQ was sent a copy of the letter for their information. While acknowledging that the decision on our request to consider adding a Type 3.3.1 artificial ear pinna with different stiffness characteristics was the prerogative of ITU-T SG 12, ETSI STQ expressed their reservations about the proposal. Their liaison reply is in document TR41-05-02-008.

ETSI has elevated its ad hoc group on Emergency Telecommunications (EMTEL) to Special Committee status. Contribution TR41-05-02-011-L contains the announcement and the Terms of Reference for EMTEL. Both TR-41.1 and TR-41.4 have an interest in E911 work relevant to EMTEL and TR-41.4 has had recent liaison activity with them.

##### e. ITU-T SG 12

Contribution TR41-05-02-010-L contains ITU-T SG12's reply to TR-41's liaison request (TR41-04-11-011-MR1) to consider adding a Type 3.3.1 artificial ear pinna with different stiffness characteristics to Recommendation P.57. They declined to make such a change but did indicate they would consider a different hardness definition for the Type 3.3 pinna if presented with data showing better correlation of applied application force vs. acoustic performance when compared to human subjects. They also indicated it was their belief that Brüel & Kjær was undertaking such a study and might have results available for the SG 12 meeting in October 2005.

#### 5. Old business

##### a. Withdrawal of TSB 110

The attempt to use an administrative ballot to authorize circulating a withdrawal ballot for TSB-110 identified some weaknesses in the system for handling such items. First, there is no separate administrative ballot section of the online ballot system for administrative ballots. So the ballot had to be entered into the system as a PN ballot. Second, while there were enough ballot returns with approvals to authorize circulation of the withdrawal, six quorum members never received a ballot because they were not signed up for TR-41 ballots. [They were signed up for subcommittee ballots in their fields of interest.]

As a result of these issues, the Chair decided to not circulate the withdrawal ballot. Instead, the intent to vote on withdrawal of TSB-110 was announced in the agenda for this meeting. Steve explained that the Scope statement of the TSB indicated that it was only expected to have a two

to three year life and that there had been very minimal sales of the document. He moved to withdraw the document, and Bob Bell second. The motion passed unanimously.

**b. Approval of TR-41 Operational Guidelines**

The proposal from the November meeting to send the TR-41 Operational Guidelines document (TR41-05-02-009) out for administrative ballot was not carried out. Although Steve submitted it to the TIA Secretariat for distribution, it did not get sent out. Therefore, he put approval of the document on the agenda for this meeting.

Steve noted that Ken Macdonald had pointed out three items in the document that he felt should be changed. [Ken was not able to attend the TR-41 Plenary, so Steve had agreed to put forth Ken's issues.] One item is an easy fix not requiring committee action. The last sentence in section 6.4 is missing the word "is". This is an editorial omission and will be corrected so that the sentence reads, "Then when the previous meeting report is finalized it shall be approved with the use of a motion."

Section 5.5 indicates that one of the duties of the Electronic Document Coordinator (EDC) of a group is to maintain the email reflector for the group. Ken indicated that he is EDC for TR-41.3 and all of its working groups, but he does not have administrator rights to their email reflectors. After some discussion about how to handle this, Bob Bell moved that maintenance of the email reflector be deleted from the EDC responsibilities and added to those of the Chair, with the provision that it may be reassigned to someone else at the discretion of the Chair. Al Baum seconded the motion, and it was unanimously approved.

Section 7.4 indicates that placing multiple email reflector addresses on the "To" line of a message will allow replies to be sent to all reflectors that are included. Ken and others pointed out that was not the way the system works. Putting multiple addresses on the "To" line allows all members of the identified reflectors to receive a copy and prevents them from receiving multiple copies if they are on multiple reflectors. But the recipient only sees the message as having been sent to one of the reflectors and replying to it only sends the reply to that reflector. Greg Slingerland moved to remove section 7.4 and Joachim Pomy seconded. After discussion, the motion failed with three votes in favor and six opposed. Phillip Havens then moved to add a warning to the second sentence that "Reply" does not send a reply to all reflectors and that other lists must be manually added to the "To" line. This motion was seconded by James Bress and passed with one opposed. Greg then moved that the Operating Procedures document be adopted as modified. The motion was second by Philip and passed with one abstention.

**6. New Business**

None

**7. Meeting Schedules**

**a. Next Meeting**

The next meeting will be held the week of May 9-13, 2005 in Portland, OR. IEEE STIT has indicated their interest in collocating with TR-41 for this meeting. The preliminary meeting schedule for the various subcommittees and working groups is given in Appendix A. The details for the meeting hotel are as follows:

Embassy Suites Hotel  
319 SW Pine Street  
Portland, Oregon 97204  
Tel: (503) 279-9000  
Fax: (503) 497-9051  
Rate: \$129.00

Cut-off Date: April 8, 2005

[www.embassyportland.com](http://www.embassyportland.com)

**b. Future Meetings**

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

<b>Date</b>	<b>Location</b>	<b>Hotel</b>
August 8-12, 2005	Halifax, NS	Lord Nelson
November 7-11, 2005	Santa Fe, NM	Hotel Santa Fe

**8. Adjournment**

There being no further business, the meeting was adjourned at 10:05 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Roger Britt  
Vice-Chair, TR-41  
(substituting for  
Harry Van Zandt  
Secretary, TR-41)

Stephen R Whitesell  
Chair, TR-41

Appendix A  
Tentative TR-41 Meeting Schedule for Date

MONDAY 0830 – 1230 9 May 2005	TR-41.3.3 Digital Xmission Perf (Macdonald – 25)	TR-41.7.4 Environmental (McKinnon – 20)		
MONDAY 1330 – 1730 9 May 2005	TR-41.3.3/IEEE STIT Digital Xmission Perf (Macdonald – 25)	TR-41.7.4 Environmental (McKinnon – 20)	TR-41.9.2 Part 68 Measurements (Slingerland – 20)	
MONDAY 1800 – 1930 9 May 2005	TR-41 Leadership User Premises Eqpmt (Whitesell – 20)			
TUESDAY 0830 – 1230 10 May 2005	TR-41.3.11/IEEE STIT Headset Telephones (Woo – 25)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9.2 Part 68 Measurements (Slingerland – 20)	
TUESDAY 1330 – 1730 10 May 2005	TR-41.3.10/IEEE STIT Hands Free Telephones (Baum – 25)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.9 Regulatory (Slingerland – 20)	
TUESDAY 1930 – 2200 10 May 2005	TR-41.3.8 Network Signaling (McKinnon – 20)			
WEDNESDAY 0830 – 1230 11 May 2005	TR-41.3.12 Telephone Ans Devices (Bress – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	IEEE STIT Telephone Testing (Bareham – 10)
WEDNESDAY 1330 – 1730 11 May 2005	TR-41.3.9 Cordless Telephones (Van Zandt – 20)	TR-41.4 VoIP Systems (Bell – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 20)	IEEE STIT Telephone Testing (Bareham – 10)
WEDNESDAY 1930 – 2200 11 May 2005				
THURSDAY 0830 – 1230 12 May 2005		TR-41.1.1 Analog Port TA (Tung – 20)	TR-41.7.1 Int'l Safety Standards (Ivans – 20)	IEEE STIT Telephone Testing (Bareham – 10)
THURSDAY 1330 – 1730 12 May 2005	TR-41.3 Wireline Terminals (Bress – 20)	TR-41.1 MLTS & VoIP Eqpmt (Tung – 20)	TR-41.7 Environmental & Safety (Ivans – 20)	
THURSDAY 1930 – 2200 12 May 2005				
FRIDAY 0800 – 1030 13 May 2005	TR-41 Plenary User Premises Eqpmt (Whitesell – 20)			

**Appendix B  
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-05-02-000		TR-41 Document List for 2005
TR41-05-02-001-R2	Chair	Agenda for February 11, 2005 Meeting in Las Vegas
TR41-05-02-002	Secretary	Report for November 12, 2004 Meeting in San Antonio
TR41-05-02-003-MR1	41.1 Chair	Las Vegas TR-41.1 Chair's Report
TR41-05-02-004-MR1	41.3 Chair	Las Vegas TR-41.3 Chair's Report
TR41-05-02-005-M	41.4 Chair	Las Vegas TR-41.4 Chair's Report
TR41-05-02-006-MR1	41.7 Chair	Las Vegas TR-41.7 Chair's Report
TR41-05-02-007-M	41.9 Chair	Las Vegas TR-41.9 Chair's Report
TR41-05-02-008	ETSI STQ	Liaison Reply Regarding Artificial Ear Letter Sent to ITU-T SG 12
TR41-05-02-009	Slingerland	TR-41 Operational Guidelines Draft 1.9 for Ballot
TR41-05-02-010-L	ITU-T SG 12	Liaison Reply Regarding Artificial Ear Letter
TR41-05-02-011-L	ETSI	Terms of Reference for EMTEL as a Special Committee
TR41-05-02-012-L	Whitesell	Liaison Report on IEEE 802.11 and 802.19 Activities
TR41-05-02-013-M	41.1	Liaison Letter to DSL Forum on Analog Terminal Adapters
TR41-05-02-014-M	41.4	Liaison Letter to IETF MIB Doctors re MIB for LLDP-MED