Approved by General Counsel

TR-41 Meeting Report
Date: 11/11/05
Location: Santa Fe, NM

Approved: 12/05/05
T# 8965

**Telecommunications Industry Association
Standards and Technology Department**

**Engineering Committee TR-41
User Premises Telecommunications Requirements**

Meeting Report

Chair: Stephen R. Whitesell	**Date: November 11, 2005**
Vice-Chair: Roger W. Britt	**Venue: Hotel Santa Fe**
Secretary: Philip Havens	**City: Santa Fe, NM**

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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.

Quorum Members or Alternates Present

Alcatel – Arnaud Vergnol	Plantronics – Allen Woo
AST – James Bress	Sprint – Amar Ray
Avaya – Joanne McMillen	Telcordia – Chrys Chrysanthou
Cisco – Tim Lawler	UL – Randy Ivans
Littelfuse – Phillip Havens	Uniden – Al Baum
Mitel – Greg Slingerland	VTech – Steve Whitesell
Nortel – Roger Britt	

1) Quorum Members Absent

ATLINKS – Roger Hunt	Siemens – [Vacant]
ECS – Harry Van Zandt	Wyle Labs – Jim Smith

2) Others Present

AST Technology – Don McKinnon	HP-Singh Bharat
Avaya – Joachim Pomy	TIA Staff – Stephanie Montgomery

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 TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

d. Review and Approve Agenda

The agenda was submitted for review and approved with minor changes: added several liaison reports, discussion of the Project Status spreadsheet under old business, and an item on the Standards Publication Security under new business item. The agenda was then accepted as modified.

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 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.

f. Chair's Remarks

Steve Whitesell spoke of the new TR41 Operational Guidelines. He and Roger will update and upload to the TIA website. The Chair recognized that Tailey Tung, Peter Walsh, Harry van Zandt, and Dave VanderMeiden are no longer able to attend TIA meetings. They will be sorely missed. Future planning may include a special Tuesday afternoon break activity to recognize TIA participants for their efforts and accomplishments. This recognition may also include a letter to the management of those recognized.

Steve indicated the problem with normative references to documents published by organizations that do not have patent disclosure policies compatible with those of TIA has been resolved. These issues are holding up the publication of standards from several committees, including two from TR-41.4. The solution will be to treat the referenced publications as if they were actual contributions to the standard. The scope of the early patent disclosure policy is being broadened to include patent rights which individuals might be aware of involving the referenced document(s). That is, if an individual is aware of a patent that might be required for the practice of the referenced document he/she should make that known in the same manner as he/she would for original material contained in the standard being developed. If any such patents are identified, TIA staff will check to see if there is a RAND (reasonable and non-discriminatory) patent statement on file with the organization that created the referenced document. If not, Staff will pursue obtaining such a statement from the patent holder.

February call for elections will include TR 41.4 Chair and Vice-Chair & TR41.3 Vice-Chair positions.

General comments about the venue were good. Participants are willing to come here again.

g. TIA Staff Remarks

No comments.

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 – Multiline Terminal Systems – Joachim Pomy (Vice-Chair)**

   Subcommittee TR-41.1 met on Thursday afternoon, November 11, 2005; the meeting was not official - a quorum could not be determined, because the quorum spreadsheet from the last meeting was not available. Its TR-41.1.1 working group met on Thursday morning.

   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 (to be published as ANSI/TIA-1062)

     Current Status: Document is out for 45 day ANSI ballot, ending November 28, 2005. No ballot comments were received so far.

     Target Completion Date: 2/2006

   - PN-3-0191, Analog Telephone Port Requirements for Packet-Based Terminal Adapters (to be published as ANSI/TIA-1063)

     Current Status: Stable Draft available; several conference calls scheduled between now and next meeting in order to complete the document and to submit it for ballot at the 2/2006 meeting.

     Target Completion Date: 5/2006

     Plenary Action Requested: Approval of Liaison Letter to DSL-Forum (TR41.1-05-11-003-M)

     Plenary Action Taken: Motion was made by Joachim Pomy to send a liaison letter to DSL-Forum. Roger Britt seconded the motion. Motion carried unanimously. .

   - PN--3-4422-UR1, North American Test Plan for Multi-Vendor QSIG Interoperability Testing (TIA-123-A when published)

     Current Status: Submitted to TIA for Publication

     Target Completion Date: 11/2005

   - PN-3-4689-RV1, Voice Quality Recommendations for IP Telephony (revision of TSB-116 to be published as TSB-116-A)

     Current Status: Pending TIA's reply regarding the inclusion of the link to the Nortel page on the TIA website.

     Target Completion Date: 5/2006

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

   - Addition of a Disclaimer with respect to "shall" to TSB-32-A:

     Those present agreed that the addition of the proposed disclaimer to TSB-32-A is the best solution that could be achieved.

     Plenary Action Requested: For approval that the following disclaimer be added to TSB-32-A:

     > *"This document is NOT a Standard and is informative only. It contains no Normative Elements as that term is defined in TIA's Engineering Manual. The term "shall" or "must" whenever used in this document shall be taken to read "should.""*

     and for reporting this back to the Technical Committee as required and for requesting TIA to re-publish TSB-32-A with said disclaimer being added.

     Plenary Action Taken: Motion was made Joachim to add a disclaimer. Roger Britt seconded the motion. There was no discussion. The motion carried unanimously.

- Election of a new Chair for TR41.1:

Due to a lack of candidates the position of the chair of TR41.1 remains vacant.

b. TR-41.3 – Analog and Digital Wireline Terminals – James Bress (Chair)

Subcommittee TR-41.3 met on Thursday afternoon, November 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-3-0208, Comparison of TIA-470-C and ETSI TS 103 021 requirements (to become TSB-470)

Current Status: Proposed new working group (TR-41.3.13) to complete this project. Don McKinnon, AST, will be the Chair and Editor. Evening meetings will be used to start until a time slot becomes available. Proposed TR-41.3.13 scope:

TR-41.3.13 will document comparisons of TIA standards to other SDO's related standards (e.g., ETSI, ITU, ACA, ATIS). The purpose of these comparison documents is to promote standards harmonization and a general understanding of global standards.

Target Completion Date: 08/2006

Plenary Action Requested: Request concurrence to open a new working group (TR-41.3.13) for work on this project and any future harmonization / comparison documents.

Plenary Action Taken: The committee unanimously concurred.

- PN-3-0219, Measurement Procedures and Performance Requirements for Handset Generated In-Band Magnetic Noise (to become TIA-1083)

Current Status: Contributions were reviewed in the TR-41.3 meeting. There was significant discussion of the viability of using SNR in addition to A-weighed noise as the magnetic noise parameter requirements. Two members of Starkey labs, a large hearing aid manufacturer, and Linda Kozma-Spytek, an audiologist from Gallaudet University, attended the meeting by conference call. Contributions from Starkey and Gallaudet were discussed. Starkey agreed to investigate the relationship of increased telephone magnetic output and SNR with hearing aid use especially related to AGC operation. The TIA-1083 standard will likely be guided by the results of the investigation of SNR as a viable method for evaluating the impact of digital cordless telephone magnetic noise on hearing aids.

Target Completion Date: 05/2006

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

Current Status: There is still discussion in TR-41.3.3 regarding the scope of this project and the differences from TIA-810-B.

Target Completion Date: 08/2006

Project number should be decided by the next TIA TR41 quarterly meeting.

- PN-3-4350.110-AD1, Addendum 1 to Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-1)

Current Status: The issue is to address an reference to P.57 shore-55 pinna when a shore-35 is what is the acceptable pinna for TIA-470.110-C measurements. Project progress is on hold until the HAC project allows more time in the TR-41.3 meeting to address the addendum.

Target Completion Date: 05/2006

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

  Current Status: John Bareham, and other IEEE-STIT members attended the TR-41.3.10 meeting and provided valuable input regarding hands-free switching parameters and measurement challenges. There was significant discussion regarding many of the parameters proposed in the document currently with placeholders awaiting contributions. It was agreed to move many currently unspecified parameters to an annex for possible future consideration.

  Target Completion Date: 08/2006

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

  Current Status: Significant progress has been made on finalizing several technical issues. Several working group members will be performing tests to provide needed data to reach conclusions of parameters still in question. Plan is to be ready for an industry ballot after the Feb. 2006 meeting.

  Target Completion Date: 02/2006

- PN-3-4350.210-AD1, Addendum 1 to Resistance and Impedance Performance Requirements for Analog Telephones (to become TIA-470.210-C-1)

  Current Status: This document addresses fixing the longitudinal balance requirements which are currently incorrectly documented in TIA-470.210-C. Document is currently out for ballot.

  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: Ballot completed with 100% approval. Document is currently under review at TIA with publication expected within days. This document completes the replacement of TIA-470-B. TR-41.3 voted to withdraw TIA-470-B upon publication. There was discussion about the future availability of TIA-470-B after it is withdrawn. TR-41.3 also voted to make TR-41.3.8 inactive.

  Target Completion Date: 11/2005

  Plenary Action Requested:

  - Request concurrence to withdraw TIA-470-B after publication of TR-470.230-C.
  - Request concurrence to make TR-41.3.8 inactive.

  Plenary Action Taken: The committee unanimously concurred on both requests.

- SP-3-4350.320-RV3, Cordless Telephone Operation and Feature Performance Requirements (to become ANSI/TIA-470.320-C)

  Current Status: The committee ballot completed on November 4, 2005 with 16 votes (2 abstain, 12 approve, 1 approve with comments (VTech), and 1 disapprove with comments (AST)). The VTech and AST comments were reviewed and addressed acceptably with several document changes made. There was a unanimous vote to send the document for industry ballot after editorial cleanup.

  Target Completion Date: 02/2006

  Plenary Action Requested: Request concurrence to send TIA-470.320-C for ANSI ballot.

  Plenary Action Taken: The committee unanimously concurred.

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

Current Status: Contributions from Amar Ray, Sprint were reviewed and incorporated into the document. There was significant discussion regarding the methods to use for evaluating the speech quality of recorded speech for outgoing and incoming messages. There was a start on reorganizing the document into functional areas of TAM features and operations.

Target Completion Date: 11/2006

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

Current Status: TR-41.3.3 held teleconference (Webex) meetings after the August meetings and significant progress was made. There was discussion regarding the hands-free part of the document and what may be completed before ballot. There was discussion regarding the use of the Type 3.3 ear and implications for future use during testing. IEEE-STIT members were in attendance and provided useful input. The TR-41.3.3 working group plans several interim teleconference/Webex meetings and plans to send the document for ballot after the last interim meeting. TR-41.3 voted unanimously to send TIA-810-B for ANSI ballot after interim meetings and editorial cleanup.

Target Completion Date: 02/2006

Plenary Action Requested:

- Request concurrence for TR-41.3.3 to hold three interim teleconference/Webex meetings before the Feb. 2006 meeting.

- Request concurrence to send TIA-810-B for ANSI ballot after interim meetings and editorial cleanup.

Plenary Action Taken: The interim meetings did not require concurrence from the committee. Chair Steve Whitesell raised a concern about the proposal to send the document to ballot after the three TR-41.3.3 interim meetings. He pointed out that TR-41.3.3 is not a formulating group, but is likely to make technical changes to the document at the interim meetings. Sending the document to ballot requires approval by TR-41.3 as the responsible formulating group following completion of any technical changes. Greg Slingerland moved to amend the request for sending the document to ballot to make it dependent on TR-41.3 convening a teleconference meeting immediately following the third TR-41.3.3 meeting and approving the document. This amendment was seconded by Roger Britt and unanimously approved by the committee. The modified motion was then considered and the committee unanimously concurred with the request to send TIA-810-B for ANSI ballot after approval by TR-41.3.

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

- TR-41.3 held elections for chair. There were no nominations received for the position of chair. A special vote was taken to waive the term limits to allow James Bress to continue as chair. The vote was unanimous and Jim was re-elected chair of TR-41.3 by acclaimation. The vice chair position had no candiidates, but Al Baum from Uniden indicated he may be able to run for vice chair if his management approves. There may be an election for TR-41.3 vice chair at the next TR-41.3 meeting.

c. **TR-41.4 – IP Telephony Infrastructure and Interworking - Joanne McMillen (Vice-Chair)**

Subcommittee TR-41.4 met on Tuesday and Wednesday, November 8 and 9, 2005.

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: No contributions were received. If no contributions are received for the February meeting the group will discuss closing the project.

Target Completion Date: 05/2006

- PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)

  Current Status: No contributions were received. This work is in abayence pending the completion of several other work items (PN-3-0103 and PN-3-4726-RV1). The editor intends to start this work again soon, but does not yet have a new target completion date.

  Target Completion Date: 05/2006

- PN-3-0103, Requirements for a Wireless LAN Based IP Telephony Endpoint (to become TIA-1003)

  Current Status: Several contributions were received and good progress was made. The target completion date is looking good.

  Target Completion Date: 05/2006

- PN-3-0172, Enterprise Location Information Server Interfaces (to become TIA-1049)

  Current Status: No contributions were received. The editor will be contacted regarding intent for completion as it's clear the current target completion date will not be met. Closure of the project will be discussed by the group at the February meeting if no progress is made.

  Target Completion Date: 02/2006

- PN-3-0185, Link Level Discovery Protocol (LLDP) – Media Endpoint Discovery (MED)

  Current Status: The IPR issues surrounding IETF references have been resolved. Copyright permission was received for the IETF text included in the standard. With the closure of these two outstanding issues the document can proceed to publication.

- PN-3-0202, Technical Assessment of Syncronization Methods in IP Networks from a Quality of Experience Perspective

  Current Status: A contribution was received and progress is being made. The target completion date is looking good.

  Target Completion Date: 05/2006

- PN-3-4462-RV1, Performance and Interoperability Requirements for Voice-over-IP (VoIP) Telephone Terminals (to become TIA-811-A)

  Current Status: The IPR issues surrounding IETF references have been resolved so the document can proceed to publication.

- PN-3-4726-RV1, Location Identification and Callback Procedures for IP Terminals (to become TSB-146-A)

  Current Status: A new draft version was created during the meeting and there was lengthy discussion surrounding the status. The group decided to send this latest version out for committee ballot.

  Target Completion Date: 05/2006

  Plenary Action Requested: TR41.4 requests the concurrence of TR41 for the submission of the current draft of PN-3-4726-RV1 for committee ballot.

  Plenary Action Taken: The committee unanimously concurred.

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

- Two liaisons for technical reports were received from Ecma International regarding NGN and enterprise networks. The group endorsed both reports and a liaison will in turn be sent to the TIA NGN Formulating Group.

d. TR-41.7 – Environmental and Safety Considerations - Randy Ivans (Chair)

Subcommittee TR-41.7 met on Thursday afternoon, November 10, 2005. Its 41.7.4 Working Group met on Monday, its 41.7.5 Working Group 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 ANSI/TIA-571-B)

  Current Status: The plenary gave their concurrance at the last meeting to send out the completed draft for committee ballot pending some editorial cleanup. The cleanup (and therefore the committee ballott) was delayed and was only completed during the Monday meeting of TR41.7.4. The document is now ready for committee ballott and this will proceed.

  It is expected that at the February meeting, TR41.7.4 will review any comments received from the committee ballott and it easily resolved, submit the document for ANSI ballotting. Depending on the location of the February meeting, it is posible that TR41.7 may not meet or may not be able to attain a quorum. This could delay the release of this document for ANSI ballott by one meeting.

  Target Completion Date: Changed to 05/2006 to allow for possible delays due to meeting scheduling problems.

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

  Current Status: Work continues on the draft (currently up to draft 12) requirements. The basic requirements are in place and review and refinement are the current work items. Also, identifying requirements unique to some of the technologies has started. The WGs core participants remain active and committed but the number of reference standards (eg. UL60950, GR-1089, UL497A) and the varying technologies being addressed (eg. Fuses, PTCs, LFRs) have made progress toward completion slower than expected.

  Target Completion Date: Changed to 11/2006.

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

- Elections for Chair and Vice-Chair resulted in a committee vote to waive term limitations for the Chair position since there were no candidates for Chair. Randy Ivans agreed to serve again. Vice-Chair election had only one candidate. Phillip Havens was re-elected as Vice-Chair.

- TR41.7.1 reviewed an IEEE STIT liaison letter to TR 41.7.1 objecting to the proposed inclusion of old and inappropriate acoustic test methods into UL60950-1. Tr41.7.1 agreed with the objection as did TR41.7. It was agreed to produce liaison letter from TIA TR41.7 to the UL60950 Bi-National Working Group (BNWG) containing IEEE STIT liaison letter to TR 41.7.1 combined with a cover letter from TR 41.7 stating our agreement and also including the various TIA documents that also support the IEEE STIT position through reference to the appropriate test procedures.

  Plenary Action Requested: Concurrence for TR41.7 to send the letter to the BNWG chairman.

  Plenary Action Taken: The committee unanimously concurred.

- Test labs often have difficulty testing acoustic outputs of digital and wireless devices due to their inability to set up an appropriate digital or wireless network and their lack or expertise in the technologies used in the digital to analog conversion that takes place within the device. We are looking for assistance, guidance and ideas on how to facilitate this testing. Contact the TR41.7 chair if you can offer any assistance.

- We would like to notify the Plenary of the intention of TR 41.7.5 to meet during the PEG meeting in Reno the week of Feb 7, 2006. Nearly all of the WG members will be attending the

PEG meeting. This will have an impact on the attendance at the TR41.7.1 and TR41.7 meetings as most of the TR41.7.5 members also attend these meetings.

- We would like to notify the Plenary of the intention of TR 41.7 and TR41.7.1 NOT to meet during the next quarterly meeting if it coincides with the meeting week of PEG UNLESS the meeting is also in Reno the week of Feb 7, 2006. As previously indicated. this could potentially slow the TIA 571 ANSI ballot process. Any items requiring subcommittee action that would not require Plenary action will be handled in a teleconference meeting if needed.

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

Subcommittee TR-41.9 met on Tuesday afternoon, November 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.

- SP-3-0016-AD4, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fourth Addendum to TIA-968-A)

  Current Status: This document was not sent to ballot due to concerns from NIPP NAI. A response letter to these concerns was written and we seek their comments to the draft of TIA-968-A-4 that contains the proposed ESHDSL requirements. We are also hoping that changes to remove the connector requirements from TIA-968-A are recevied by TR41.9 and this included in the draft at the next meeting.

  Target Completion Date: 02/2006

  Plenary Action Requested: TR41.9 seeks TR41's concurrence to send a response letter to NIPP-NAI on their concerns over ESHDSL and send them a copy of the TIA-968-A-4 draft for their review.

  Plenary Action Taken: The committee unanimously concurred.

- SP-3-0235, Connector Requirements and Test Methods for Gold and Gold Equivalence as Described in TIA-968 (to become ANSI/TIA-1096).

  Current Status: No submission was received by the chair on this activity. This item has been pushed to the next TR41.9 meeting.

  Target Completion Date: 02/2006

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

  Current Status: We are still working to finish the editorial cleanup of the document. We also expect that the connector requirements and test methods also will be removed from this document and moved to the new connector requirements document.

  Target Completion Date: 05/2006

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

  Current Status: We have recevied no questions in this area since the last meeting

  Target Completion Date: N/A

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

- TR41.9 discussed the issue of how to increase participation in the work of TR41.9 to help with the finalization of TSB-31-C and support the work to start the revision of TIA-968-A. It was suggested that the membership of the TCB Council might contain the people with the greatest vested interest in this work.

  Plenary Action Requested: TR41.9 seeks TR41's concurrence to send a letter seeking participation in the work of TR41.9 to the TCB Council asking that they forward it to their membership.

Plenary Action Taken: The committee unanimously concurred..

- TR41.9 wishes to inform TR41 as a result of election for the positon of chair that Greg Slingerland, Mitel Networks was re-elected.

- TR41.9 wishes to inform TR41 as a result of election for the positon of vice-chair that Phillip Havens, Littelfuse was re-elected.

4. **Liaison Reports**

   a. **IEEE 802.11/19 – Steve Whitesell**

   A formal liaison had been established between IEEE 802.11 and TIA at the request of TR-8. Since it is with TIA as a whole, this relationship can be used to keep 802.11 aware of the wireless VoIP work that is occurring in TR-41.4. Steve could not remember the name and contact information for the official liaison representative, but indicated he would look it look it up and provide it for the meeting report. [He is Ariel Sharon from Motorola, ariel.sharon@motorola.com, 847 576 3403.]

   b. **TIA NGN FG – Joachim Pomy**

   Joachim reported that TR-41.4 had reviewed two ECMA documents (TR41.4-05-11-008 and TR-41.4-05-11-009) and created TR41.4-05-11-018M endorsing their contents. He then made a motion to send the latter document as a liaison letter over his signature to the NGN FG. The committee unanimously approved.

   c. **Telcordia – Steve Whitesell and James Bress**

   Chair Steve Whitesell indicated TR-41.3 Chair James Bress had brought his attention to the fact that the Telcordia test tapes used for evaluating the robustness of DTMF receivers against digit simulation by speech had been withdrawn. These test tapes are felt to be critical to the analog port terminal adapter standard being developed by TR-41.1.1 and the answering system standard being developed by TR-41.3.12. On his own recognizance, Steve sent a letter (TR41-05-11-008) drafted by Jim to Telcordia asking them to reconsider maintaining the availability of these tapes. An acknowledgement (TR41-05-11-009-L) was received from Telcordia indicating they are studying the business case for doing so.

   d. **ITU-T – Steve Whitesell and Roger Britt**

   Steve noted that he had received two liaison letters and had directed them to the appropriate subcommittees for their consideration. One was a reply from SG 9 (TR41-05-11-010-L) acknowledging the notification we had provided about the analog terminal adapter work in TR-41.1.1. They agreed that this work could not be adapted globally due to differences in analog line requirements. The second liaison letter was from SG 12 (TR41-05-11-011-L) and dealt with wideband codec dynamic range issues and how to transcode signals between wideband and narrowband codecs. Their note was to inform TIA that ITU will be studying this issue. This issue is of interest to TR-41.3.3.

   e. **ACTA – Steve Whitesell and Greg Slingerland**

   ACTA sent a letter (TR41-05-11-013-L) relaying a concern they had received about how the multiple addenda for TIA-968-A affected the usability of the document. This letter was forwarded to TR-41.9, which has plans to deal with the issue by rolling all of the addenda up into the TIA-968-B version, which is to be released in the future.

   f. **NIPP-NAI – Steve Whitesell and Greg Slingerland**

   Steve noted that a NIPP-NAI liaison letter (TR41-05-11-014-L) had been received, as was discussed in the TR41.9 subcommittee report.

5. **Project Status**

Roger Britt presented an update on the Project Status spreadsheet. This document will be posted to the FTP site. Subcommittees will be asked to review it and provide any updates at each meeting.

6. **Old business**

   .None.

7. **New Business**

   James Bress presented TR41-05-11-012-L concerning the document security measures that TIA has implanted in the standards they sell. Documents now released by TIA are "locked" to the machine on which they are first opened. Jim indicated that this is too restrictive for a policy that should encourage Standards adoption and use.   It is too cumbersome for companies that have a world-wide organization. Jim requested that supporting committee members join together in a single letter addressing this issue to be sent to TIA leadership.

   Steve Whitesell pointed out that when TIA announced this new document security policy, they indicated purchasers would be able to install the document on a maximum of three machines (e.g., a desktop computer at work, a laptop for use on the road, and a computer used for working at home). It is unclear as to whether that capability exists in the standards being sold; it appears that it may not.

   In the ensuing discussion, it became clear that TR-41 members were not aware of any other Standards group that has as restrictive a usage policy. The most that we are aware of is that some standards are locked to prevent copying and pasting. They may also include a watermark in the footer indicating who purchased the document. It was also noted that other organizations with similar standards thrusts do not have such restrictive policies and could become the SDOs of choice over TIA documents IF this restrictive policy continues. TIA should encourage the use and adoption of the TIA standards by making them readily available (web access). The following three questions were addressed:

   1) Do members agree that a change in the current document security policy is needed? Phillip Havens, Al Baum, Roger Britt, and Steve Whitesell provided supporting verbal statements. Some agree with Jim that TIA should revert to the completely unlocked publication method that was previously used. Others felt some change was necessary, but did not go that far. Possibilities of adopting methods used by other SDOs, such as watermarking the name of the purchaser and/or making networked versions easily available for on-line purchase (as opposed to having to call to get a quote and make special arrangements) were discussed.

   2) Do members agree that TR-41 should write a letter? A letter to the TIA Technical Committee and Staff outlining the concerns expressed here was proposed. A few solution concepts discussed included the use of an Enterprise license, or the use of two tier (one version restricted, one version unrestricted) or three tier (individual version, Enterprise version, limited number of copies version) licensing. Pricing cannot be prohibitive. The consensus, but not unanimous opinion, was that primary goal of the letter should be to request a totally un-restrictive publication policy.

   3) Would members be willing to be identified by name/company as signatories to the letter? The Chair will draft a letter and send it out for review to the committee members, asking them if they want to be a signatory.

8. **Meeting Schedules**

   a. **Next Meeting**

      The next meeting will be held the week of February 13, 2006 in Palm Springs, CA.   The preliminary meeting schedule for the various TR-41 subcommittees and working groups is given in Appendix A. The details for the meeting hotel are as follows:

      Hotel Zoso
      150 S Indian Canyon Dr
      Palm Springs, CA 92262
      Phone: 760 325 9676
      Fax: 760 969 6600
      Room Rate: $159
      Cut off date: January 13, 2006

b. Future Meetings

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

Date	Location
May 8-12, 2006	San Jose (??)
August 14-18, 2006	Quebec City, Montreal (??)
November 6-10, 2005	Las Vegas, Sand Diego, Orange County (??)

9. Adjournment

There being no further business, the meeting was adjourned at 10:00 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Phillip Havens   Stephen R Whitesell
Secretary, TR-41   Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for February 13-17, 2006

Room				
MONDAY **0830 – 1230** **13 Feb 2006**	**TR-41.3.3** **Digital Xmission Perf** **(Macdonald – 25)**	**TR-41.7.4** **Environmental** **(McKinnon – 20)**		
MONDAY **1330 – 1730** **13 Feb 2006**	**TR-41.3.3** **Digital Xmission Perf** **(Macdonald – 25)**		**TR-41.9.2** **Part 68 Measurements** **(Slingerland – 20)**	
MONDAY **1800 – 1930** **13 Feb 2006**	**TR-41 Leadership** **User Premises Eqpmt** **(Whitesell – 20)**			
TUESDAY **0830 – 1230** **14 Feb 2006**	**TR-41.3.11** **Headset Telephones** **(Woo – 25)**	**TR-41.4** **VoIP Systems** **(Bell – 20)**	**TR-41.9.2** **Part 68 Measurements** **TR-41.9** **Regulatory** **(Slingerland – 20)**	
TUESDAY **1330 – 1730** **14 Feb 2006**	**TR-41.3.10** **Hands Free** **Telephones** **(Baum – 25)**	**TR-41.4** **VoIP Systems** **(Bell – 20)**	**TR-41.9** **Regulatory** **(Slingerland – 20)**	
TUESDAY **1930 – 2200** **14 Feb 2006**	**TR-41.3.13** **Harmonization** **(McKinnon – 25)**			
WEDNESDAY **0830 – 1230** **15 Feb 2006**	**TR-41.3.12** **Telephone Ans** **Devices** **(Ray – 20)**	**TR-41.4** **VoIP Systems** **(Bell – 20)**	**TR-41.7.5** **Overcurrent Protection** **(Lindquist – 20)**	
WEDNESDAY **1330 – 1730** **15 Feb 2006**	**TR-41.3.9** **Cordless Telephones** **(Bress – 20)**	**TR-41.4** **VoIP Systems** **(Bell – 20)**	**TR-41.7.5** **Overcurrent Protection** **(Lindquist – 20)**	
WEDNESDAY **1930 – 2200** **15 Feb 2006**				
THURSDAY **0830 – 1230** **16 Feb 2006**		**TR-41.1.1** **Analog Port TA** **(Bress – 20)**	**TR-41.7.1** **Int'l Safety Standards** **(Ivans – 20)**	
THURSDAY **1330 – 1730** **16 Feb 2006**	**TR-41.3** **Wireline Terminals** **(Bress – 20)**	**TR-41.1** **MLTS & VoIP Eqpmt** **(Pomy – 20)**	**TR-41.7** **Environmental &** **Safety** **(Ivans – 20)**	
THURSDAY **1930 – 2200** **16 Feb 2006**				
FRIDAY **0800 – 1030** **17 Feb 2006**	**TR-41 Plenary** **User Premises Eqpmt** **(Whitesell – 20)**			

Appendix B
Document List

TR41-05-11-000		TR-41 Document List for 2005
TR41-05-11-001-R1	Chair	Agenda for November 11, 2005 Meeting in Santa Fe
TR41-05-11-002	Secretary	Report for August 12, 2005 Meeting in Halifax
TR41-05-11-003-MR1	41.1 Chair	Halifax TR-41.1 Chair's Report
TR41-05-11-004-MR2	41.3 Chair	Halifax TR-41.3 Chair's Report
TR41-05-11-005-MR1	41.4 Chair	Halifax TR-41.4 Chair's Report
TR41-05-11-006-MR1	41.7 Chair	Halifax TR-41.7 Chair's Report
TR41-05-11-007-MR1	41.9 Chair	Halifax TR-41.9 Chair's Report
TR41-05-11-008	Chair	DTMF Test Tapes Liaison Letter to Telcordia
TR41-05-11-009-L	Telcordia	Email Reply on TR-TSY-0076 DTMF Test Tapes
TR41-05-11-010-L	ITU-T SG9	Liaison Reply on Analog Terminal Adapter Interface
TR41-05-11-011-L	ITU-T SG12	Liaison on Codec and Transcoding Signal Levels
TR41-05-11-012-L	Bress	TIA Standards Document Security
TR41-05-11-013-L	ACTA	Liaison Forwarding Request to Roll Up TIA-968-A Amendments
TR41-05-11-014-L	NIPP-NAI	Liaison on Proposed ESHDSL Requirements in TIA-968-A-4