Telecommunications Industry Association
Standards and Technology Department

Engineering Committee TR-41
User Premises Telecommunications Requirements

Meeting Report

Chair: Stephen R. Whitesell	**Date: May 10, 2002**
Vice-Chair: Roger W. Britt	**Venue: Hyatt Regency Crystal City**
Secretary: Harry A. Van Zandt	**City: Arlington, VA**

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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 10 of 16 voting member companies represented.

   1) **Quorum Members or Alternates Present**

Alcatel – François Pinier	Siemens – Tailey Tung
Atlinks – Clint Pinkham	Telcordia – Ed Szczepanski
ECS – Harry Van Zandt	Teccor – Phillip Havens
Mitel – Greg Slingerland	Uniden – Al Baum
Nortel – Roger Britt	VTech – Steve Whitesell

   2) **Quorum Members Absent**

AST – James Bress	Poly Com – Peter Baker
AVAYA – Joanne McMillen	Sprint – Cliff Chamney
Cisco – Bob Bell	Wyle Labs – Jim Smith

   3) **Others Present**

ETSI STQ Liaison – Joachim Pomy	TIA-Staff – Roberta Breden
Industry Canada – Henry Mar	TIA Staff – Ronda Coulter
Mitel – Richard Hatherill	TIA Staff – Susan Hoyler
Radio Shack – Richard Carey	TIA Staff – Rosa Ibar
National Comm Systems – Greg Bain	TIA Staff – Stephanie Montgomery
Siemens – Dave Vander Meiden	

   c. **Review and Approve Agenda**

   The agenda was submitted for review and approved with the addition of a discussion of co-located meetings with T1E1 under Old Business.

   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, 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**

The chair again emphasized the need to post all contributions on the TIA web site. The use of email distribution is not the answer, particularly when there are very large attachments. Posting the contributions on the website and sending out an email notice to go download them allows people to get them at their leisure. Also, the information needs to be available on the web site for new people who are trying to find out what is going in in various groups.

Training on the requirements for conducting meetings and for balloting and publishing documents was provided to the chairs and editors in a session on Wednesday evening. During that session, we learned of a proposal from the Intellectual Property Rights Working Group (IPRWG) that would require every contribution to have a copyright statement on it. This aroused considerable concern among those present. The chair raised the issue concerning such things as agendas, meeting reports, document lists, draft standards, liaison documents etc. that were not the contributions of any particular TIA member during an IPRWG conference call on Thursday afternoon. He reported there was general agreement to exclude these sorts of things and only require the copyright statement on actual contributions that might find their way into a subsequently published document.

The chair also stressed the need to follow through on commitments. He noted that during the past year there have been occasions where scheduled meetings were not held or were held in an ad hoc manor because the chair did not show up and did not find someone else to run the meeting. There have also been occasions where documents were approved to go to ballot or publication after editorial cleanup but did not go out, and there have been occasions where approval was received to send liaison correspondence that was not sent. It is critical that we follow through on actions concurred with or approved by the plenary if subcommittees are going to continue to operate with autonomy.

f. **TIA Staff Remarks**

No comments. The TIA staff attended the meeting and were individually introduced.

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 – Tailey Tung**

Subcommittee TR-41.1 met on Thursday, May 9, 2002.

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

- **PN-3-3673**, Requirements for Private Branch Exchange (PBX) Switching Equipment (Revision of TIA/EIA-464-B)

  Current Status: TR41.1 Chair submitted the Industry Ballot Authorization Form for ANSI/TIA/EIA-464C standard to TIA on 3/7/2002. The closing day for ballot is 5/13/2002.

  Target Completion Date: 11/2002.

- **PN-3-3836-RV1**, PBX and KTS Support of Enhanced 911 Emergency Service Calling (Revision of TIA/EIA-689)

  Current Status: Completed and reviewed the first draft TIA/EIA-689-A.

  Target Completion Date: 11/2002.

- **PN-3-4676**, Information Technology - Telecommunications and Information Exchange and Technical Requirements for Private integrated Services Networks (Adopt IEC/ISO 11573)

  Current Status: TIA completed the conversion of ISO 11573 to TIA-594-A standard and will be ready for publication before the 8/2002 meeting. There are editorial errors in the ISO 11573 standard. TR41.1 will request TIA to add an addendum sheet to the standard to correct these errors.

  Target Completion Date: 8/2002.

Information: TR-41.1 would like to provide the Plenary with the following information.

  None.

Action Items: TR-41.1 has the following action items for Plenary concurrence or approval.

  None.

b. **TR-41.3 – Analog and Digital Wireline Terminals – Harry Van Zandt for James Bress**

Subcommittee TR-41.3 met on Thursday afternoon, May 9, 2002. Its various working groups met from Monday through Wednesday morning.

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

- PN-3-4078-RV1, Caller Identity and Visual Message Waiting Indicator Equipment Performance Requirements (Revision of TIA/EIA-777)

  Current Status: Submission for industry ballot was deferred until August 2002.

  Target Completion Date: 11-2002. (This is revised from 08-2002)

- PN-3-4350.110-RV3, Performance and Compatibility Requirements for Telephone Sets with Loop Signaling: Electroacoustics (Revision of TIA/EIA-470-B)

  Current Status: Submission for industry ballot was deferred until August 2002.

  Target Completion Date: 11-2002

- PN-3-4350.210-RV3, Performance and Compatibility Requirements for Telephone Sets with Loop Signaling: Resistance and Impedance (Revision of TIA/EIA-470-B)

  Current Status: Submission for committee ballot was deferred until August 2002 and industry ballot November 2002.

  Target Completion Date: 02-2003

- PN-3-4350.230-RV3, Performance and Compatibility Requirements for Telephone Sets with Loop Signaling: Alerting (Revision of TIA/EIA-470-B)

  Current Status: Submission for committee ballot was deferred until August 2002 and industry ballot November 2002.

Target Completion Date: 02-2003

- PN-3-4350.310-RV3, Performance and Compatibility Requirements for Telephone Sets with Loop Signaling: Cordless Telephone Range Measurement Procedure (Revision of TIA/EIA-470-B)

  Current Status: The meeting scheduled for Thursday was canceled. Submission for industry ballot was deferred until November 2002

  Target Completion Date: 02-2003

- PN-3-4705, Transmission Requirements for Wideband Digital Wireline Telephones (To become new TIA/EIA Standard)

  Current Status: The working group reached a consensus to submit the document for committee ballot as a "TIA only" standard. This will not be balloted as an ANSI approved standard.

  Target Completion Date: 11-2003

Information: TR-41.3 would like to provide the Plenary with the following information.

  No information is submitted to the Plenary.

Action Items: TR-41.3 has the following action items for Plenary concurrence or approval.

- TR41.3 requests concurrence to submit PN-4705 for committee ballot as a TIA standard.

  Plenary Action: Unanimously approved

c. TR-41.4 – IP Telephony Infrastructure and Interworking – Richard Hatherill for Bob Bell

Subcommittee TR-41.4 met on Wednesday, May 8, 2002. Its 41.4.4 Working Group met on Tuesday.

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 progress on defining TSB. Security related issues discussed in TR41.4.4

  Target Completion Date: TBD

- PN-3-4462-URV, Performance and Interoperability Requirements for Voice-over-IP (VoIP) Telephone Terminals (Revision and Upgrade of TIA/EIA-IS-811)

  Current Status: Still undergoing revision and update. Good progress being made.

  Target Completion Date: TBD

- PN-3-4601, IP Telephony Gateways and Related Control Infrastructure

  Current Status: No action at this meeting

  Target Completion Date: TBD

- PN-3-4726, Location Identification and Callback Procedures for IP Terminals

  Current Status: Approved to go for ballot at the February 2002 TR41 plenary. Last editorial changes made and final version ready for ballot.

  Target Completion Date: August 2002

- PN-3-4826, IP Telephony Voice Router/Gateway Loss and Level Plan Requirements (To become new TIA/EIA Standard)

  Current Status: Published as TIA-912 ' Voice Gateway Transmission Requirements'

  Target Completion Date: March 2002

Information: TR-41.4 would like to provide the Plenary with the following information.

TIA-912 and ETSI ES 202 020 were developed as a harmonized project between TIA and ETSI/STQ. As IP standards they will be available at no charge from both the TIA and ETSI web sites.

NS/EP Priority Support in IP Telephony: The GETS group is to submit a contribution to outline the problem domain from which a work item request might be produced. A request will be forwarded to TR41 if the wording for the work item request can be developed during the next meeting.

Liaison with the IETF Regarding Developing a Secure UDP Protocol: Informal reports indicate that the IETF will not be moving quickly on this request. Mitel Networks has developed a suitable protocol which they are provisionally referring to as 'sUDP'. Mitel claims no IPR on this protocol, and is willing to put 'sUDP' into the public domain. Details will provided as a contribution at the next meeting.

Action Items: TR-41.4 has the following action items for Plenary concurrence or approval.

None

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

Subcommittee TR-41.7 met on Thursday afternoon, May 9, 2002. Its TR-41.7.3 Working Group met on Wednesday afternoon. The TR-41.7.1 Working Group met on Thursday morning and TR41.7 meet Thursday afternoon.

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

- PN-3-3210-RV1, Radio Frequency Immunity Requirements for Equipment Having an Acoustic Output (Revision of TIA/EIA-631)

  Current Status: ready to go out for SP ballot

  Target Completion Date: August 2002

- PN-3-4351, Commercial Building Grounding and Bonding Requirements for Telecommunications (Revision of EIA/TIA-607 to become joint T1 and TIA/EIA-J-STD-607)

  Current Status: waiting for ballot period to end

  Target Completion Date: August 2002

Information: TR-41.7 would like to provide the Plenary with the following information.

Work will start on 571 document during August meeting. A conference call will be scheduled to discuss an issue on UL 60950-1 to provide input to the Bi-National Working Group

Action Items: TR-41.7 has the following action items for Plenary concurrence or approval.

- TR-41.7 requests concurrence of TR-41 to submit PN-3-3210-RV1 for SP ballot.

  Plenary Action: Unanimously approved

- TR-41.7 requests approval for TR41 Chair to contact EPRI for study information regarding power reclosure systems

  Plenary Action: Unanimously approved

e. **TR-41.9 – Terminal Attachment Programs – Phillip Havens**

Subcommittee TR-41.9 met on Wednesday, May 8, 2002. The TR-41.9.1 Working Group met on Monday afternoon.

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

- PN-3-0016-URV, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Revision and Upgrade to ANS status for TIA/EIA/IS-968)

  Current Status: Last minute changes are being made and will be reviewed by Wednesday May 15, 2002.

  Target Completion Date: Expect completed and ready document to be emailed Friday May 17, 2002.

- PN-3-4124, Responses to Part 68 Questions from the FCC (On-going effort)

  Current Status: Closed project number. No further comments.

  Target Completion Date:

Information: TR-41.9 would like to provide the Plenary with the following information.

A working group TR-41.9.2 has been formed with Greg Slingerland as Chair and Al Martin as editor.

Action Items: TR-41.9 has the following action items for Plenary concurrence or approval.

- TR 41.9 requests a Project Number be opened for the purpose of revising TSB31B to TSB31C. A working group TR-41.9.2 has been formed with Greg Slingerland as Chair and Al Martin as editor.

  Plenary Action: Unanimously approved. The TR-41 chair requested that the TR-41.9 chair go on line to submit the appropriate forms.

- TR-41.9 requests that PN-30016 URV be sent out for SP ballot.

  Plenary Action: Unanimously approved

f. **TR-41.10 – Private Integrated Services Networks - Mo Zonoun**

No meeting

g. **TR-41.11 – Administrative Regulatory Considerations – Greg Slingerland**

Subcommittee TR-41.11 met on Tuesday, May 7, 2002. Its TSB-129-A Task Group met on Monday morning.

Project Status: The following is a summary of the status of each Project assigned to TR-41.11.

- PN-3-0017-RV1, Guide to the U.S. Supplier's Declaration of Conformity and TCB Approval Processes (To be published as TSB-129-A)

  Current Status: Voted for publication on 7-May-2002

  Target Completion Date: 31-May-2002

Information: TR-41.11 would like to provide the Plenary with the following information.

TR41.11 would like to request a full day meeting on Tuesday in Denver for the TR41.11 meeting.

Action Items: TR-41.11 has the following action items for Plenary concurrence or approval.

- TR41.11 resolved all comments from the industry ballot of PN-3-017-RV1 and all "No" votes were changed to "Yes". Therefore, TR41.11 voted to send the PN-3-0017-RV1, as modified by the comment resolution exercise, out for publication as TIA/EIA/TSB-129-A. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously concurred.

- TR41.11 voted to ask the TIA Secretariat to submit TIA/EIA/TSB-129-A to the ACTA and recommend it for adoption. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously concurred.

- TR41.11 voted to ask the TIA Secretariat to retract the request to send TIA/EIA/TSB-129 to the ACTA for adoption. TR41.11 seeks TR41's concurrence in this action.

   Plenary Action: Unanimously concurred.

- TR41.11 voted to ask the TIA Secretariat to withdraw TIA/EIA/TSB-129 when TIA/EIA/TSB-129-A is published. TR41.11 seeks TR41's concurrence in this action.

   Plenary Action: Unanimously concurred.

- TR41.11 voted to ask TIA to remove the Part 68 Application Guide from the TIA TR41 Web site and replace it with TIA/EIA/TSB-129-A. TR41.11 seeks TR41's concurrence in this action. TIA suggested that a press release from them is in order.

   Plenary Action: Unanimously concurred.

4. Liaison Reports

In order to expedite the meeting, it was agreed that liaison reports will not be discussed unless there is a specific issue that needs to be covered.

5. Old business

The chair opened up discussion with respect to co-location of TR41 and T1E1 meetings. Phillip Havens suggested that every other meeting would prove beneficial. Greg Slingerland concurred. Greg also mentioned that voting rights may become an issue since two consecutive meetings are required to become a voting member. It was the consensus of those present that alternating co-located meetings with separate meetings would be desirable. This proposal will be presented as the TR-41 position during the all-chairs meeting in Denver. The August and November 2002 meetings will be co-located. Alternating co-located meetings could commence in February 2003, with May 2003 not being co-locate, etc.

6. New Business

The chair indicated he had discussed the future of TR-41.10 with its chair, Mo Zonoun. Since ISO/IEC/JTC1/SC6/WG6 disbanded its work and TIA has discontinued its ISO membership, there does not appear to be much future need for the work that TR-41.10 has been doing. There are currently five open projects in TR-41.10. They are listed below:

- PN-3-0015, Qsig/SIP Mapping (To be TIA/EIA-888).
- PN-3-4883, PSS1 Interexchange Signaling Protocol for Call Diversion
- PN-3-4884, PSS1 Specification, Functional Model and Information Flows for Call Diversion
- PN-3-4885, PSS1 Specification, Functional Model and Information Flows for Name Identification
- PN-3-4886, PSS1 Interexchange Signaling Protocol for Name Identification

Contribution TR41-02-05-007 is an email reply received by Steve Whitesell from Mo Zonoun explaining why each of the projects can be closed without further action. The chair moved that each of the projects be closed for the reasons given. The motion received unanimous approval.

Contribution TR41-02-05-008 is an email reply received by Steve Whitesell from Mo Zonoun confirming that it is the wish of TR-41.10 to put the subcommittee into inactive status. The chair so moved and the motion received unanimous approval. TR-41.10 was therefore declared inactive.

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of August 19-23, 2002 near Denver. This will be a co-located meeting with T1E1. A preliminary meeting schedule for the TR-41 subcommittees and working groups is given in Appendix A. The details for the meeting hotel are as follows:

> **The Westin Westminster**
> 1600 Westminster Blvd.
> Westminster, CO 80020
> Phone: 303/410-5000
> Fax: 303/410-5025
> Room Rate: $125.00
> Cut off date: July, 5,2002

b. Future Meetings

The fall meeting will be held November 18-22, 2002 and will be co-located with T1E1. The details for the meeting hotel are as follows:

> **Sheraton Atlanta Hotel**
> 165 Courtland St.
> Atlanta, GA
> Phone: 404/659-6500
> Fax: 404/524-1259
> Room Rate: $140.00
> Cut-off Date: October 17, 2002

8. Adjournment

There being no further business, the meeting was adjourned at 9:30 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Harry A. Van Zandt   Stephen R Whitesell
Secretary, TR-41   Chair, TR-41

Appendix A
Preliminary Schedule for Westminster (Denver)

MONDAY **0800 – 1200** **19 Aug 2002**	**TR-41.3.1** **(Bleile – 20)**	**TR-41.7.3/T1E1.7** **(McKinnon/Havens** **– 20)**	**TR-41.9.2** **(Slingerland – 20)**	
MONDAY **1300 – 1800** **19 Aug 2002**	**TR-41.3.1** **(Bleile – 20)**	**TR-41.3.3** **(Magnuson – 20)**	**TR-41.9.1** **(Havens – 20)**	
MONDAY **1900 – 2200** **19 Aug 2002**	**TR-41 Leadership** **1800 – 1930** **(Whitesell – 20)**			
TUESDAY **0800 – 1200** **20 Aug 2002**	**TR-41.3.5** **(McKinnon – 20)**	**TR-41.4.4** **(Baker – 20)**	**TR-41.11** **(Slingerland – 25)**	
TUESDAY **1300 – 1800** **20 Aug 2002**	**TR-41.3.6** **(McKinnon – 20)**	**TR-41.4.4** **(Baker – 20)**	**TR-41.11** **(Slingerland – 25)**	
TUESDAY **1900 – 2200** **20 Aug 2002**				
WEDNESDAY **0800 – 1200** **21 Aug 2002**	**TR-41.3.7** **(McKinnon – 20)**	**TR-41.4** **(Bell – 20)**	**TR-41.9** **(Havens – 25)**	
WEDNESDAY **1300 – 1800** **21 Aug 2002**	**TR-41.3.8** **(McKinnon – 20)**	**TR-41.4** **(Bell – 20)**	**TR-41.9** **(Havens – 25)**	
WEDNESDAY **1900 – 2200** **21 Aug 2002**				
THURSDAY **0800 – 1200** **22 Aug 2002**	**TR-41.3.9** **(Van Zandt – 20)**	**TR-41.7.1** **(Ivans – 20)**	**TR-41.1** **(Tung – 20)**	
THURSDAY **1300 – 1800** **22 Aug 2002**	**TR-41.3** **(Bress – 20)**	**TR-41.7.1** **(Ivans – 20)** **Followed by** **TR-41.7** **(Ivans – 15)**	**TR-41.1** **(Tung – 20)**	
THURSDAY **1900 – 2200** **22 Aug 2002**				
FRIDAY **0800 – 1200** **23 Aug 2002**	**TR-41 Plenary** **(0800 – 1000)** **(Whitesell – 20)**			

Approved by General Counsel

TR-41 Meeting Report
Date: 5/10/02
Location: Arlington, VA

Approved: 6/19/02
#6541