Telecommunications Industry Association
Standards and Technology Department

Engineering Committee TR-41
User Premises Telecommunications Requirements

Meeting Report

Chair: Stephen R. Whitesell   Date: August 24, 2001
Vice-Chair: Roger W. Britt   Venue: Fairmont Chateau Laurier
Secretary: Harry A. Van Zandt   City: Ottawa, Canada

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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 12 of 19 voting member companies represented.

   1) **Quorum Members or Alternates Present**

AST – James Bress	Nortel – Roger Britt
Atlinks – Clint Pinkham	Siemens – Tailey Tung
Avaya – Joanne McMillen	Telcordia – John Balinski
Cisco – Bob Bell	TIS – Steve Bipes
ECS – Harry Van Zandt	VTech – Steve Whitesell
Mitel – Greg Slingerland	Wyle Labs – Jim Smith

   2) **Quorum Members Absent**

CCL – Anh Wride	MIS Labs – Jim Romlein
Circa – Phil Holland	SBC – John Roquet
eOn – Peter Melton	Sprint – Cliff Chamney
Lucent – Tony Caggiano	

   3) **Others Present**

Alcatel – François Pinier	Nortel – Mo Zonoun
ETSI STQ Liaison – Joachim Pomy	Siemens – Richard Frank
Industry Canada – Claude Beaudoin	Siemens – Nancy Owen
Industry Canada – Henry Mar	TIA Staff – Stephanie Montgomery
Mitel – K J Steeden	TIS – Jeff Bipes

   c. **Review and Approve Agenda**

   The agenda was approved

   d. **TIA Patent Policy**

   The Chair read 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 <u>essential</u> 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.

The Chair then asked if anyone wished to make such a disclosure. No one indicated a desire to do so.

e. Chair's Remarks

Chair Steve Whitesell reminded all subcommittee chairs that their agendas need to be submitted to Bari St. Cyr (bstcyr@tia.eia.org) at least three weeks prior to the next meeting so that it can be posted on the TIA web site. The agenda must identify any substantial decisions to be made. This includes review and approval of documents for ballot or publication, resolution of comments on previously balloted documents, elections, etc.

Steve recognized the contributions of four individuals who do not expect to be continuing in future TR-41 activities. Pierre Adornato was given a plaque at a dinner in his honor on Wednesday evening. He has served as TR-41.2 and UPED chair and made substantial contributions to the work of TR-41.9 and TR-41.11 as well. John Needham was recognized for his contributions to the work of several subcommittees and for serving as TR-41.3 Chair a number of years ago. He was not able to attend this meeting, but a plaque will be sent to Greg Slingerland at Mitel for forwarding to him. Richard Frank was previously honored when he stepped down as Chair of TR-41.1. However, he was thanked for his continuing work in TR-41.1, TR-41.4, and TR-41.10 as this is expected to be his last meeting. John Bipes has announced that he also expects this to be his last meeting and was acknowledged for his contributions to TR-41.9 and TR-41.11.

There have been a number of leadership changes. Tony Caggiano has left Lucent and resigned as TR-41.4.1 Chair. Phil Holland has left Polycom and resigned as TR-41.4.4 Chair; Peter Baker from Polycom has ageed to serve as interim Chair. Anh Wride has left CCL and resigned as TR-41.9 Chair; Anh Nguyen from UL is the TR-41.9 Secretary and has agreed to serve as interim Chair.

As required by the revised TIA Engineering Manual that went into effect on June 1, 2001, elections will be held for the Chair and Vice-Chair positions of odd-numbered Subcommittees TR-41.1, 41.7, 41.9, and 41.11 at the November meeting. No elections are required for TR-41.3 since both the Chair and Vice-Chair were elected following the new Engineering Manual process within the past year. Elections for even-numbered subcommittees will be held at the February 2002 meeting. Anyone interested in being a candidate for one of the positions to be elected in November should be nominated (self nomination is encouraged) and submit the following two items by October 1: (a) letter of company support and (b) short statement of qualifications for position. All document should be sent (email is acceptable) to Dan Bart with copies to Stephanie Montgomery and Steve Whitesell.

f. TIA Staff Remarks

Stephanie Montgomery discussed the press release issued earlier this week concerning TIA's intent to separate its standards development organization (SDO) and trade association activities. The proposal was approved in concept at TIA's recent Board of Directors meeting. Details are still to be worked out and final approval is expected at the November Board meeting. The move

will have no effect on standards activities in the short term and the actual separation will not occur until some time next year.

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, August 23, 2001.

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 reviewed the 8th draft 464C standard with few minor editorial changes. Target to complete the revision of the final document for Plenary approval to ballot in 11/2001.

    Target Completion Date: 5/2002

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

    Current Status: A working group was given the assignment to update the existing TIA/EIA-689 standard with proposed changes for review in the 11/2001 meeting.

    Target Completion Date: 5/2002

- PN-3-4505, Overall Transmission Plan Aspects for Telephony in a Private Network - North America Connection Scenarios Analysis (Addendum to TSB-32-A)

    Current Status: Project closed.

    Target Completion Date: 5/2001.

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

    Current Status: Publication Authorization Form sent to TIA in 6/2001 to adopt ISO 11573 for TIA-594-A standard. TIA is in the process of printing the TIA-594-A standard.

    Target Completion Date: 11/2001.

- PN-3-4689, Voice Quality Recommendations for IP Telephony (To become new TSB-116)

    Current Status: Project completed. TIA published TSB-116 in July 2001.

    Target Completion Date: 8/2001.

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.

    Tailey Tung on behalf of TR41.1 requested recognition from the Plenary for the contributions given by Dick Frank from Siemens and John Needham from Mitel. They both retired after being with TR41 for more than 22 years. Recognition was given. See Chair's Remarks.

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

Subcommittee TR-41.3 met on Thursday afternoon, August 23, 2001. Its 41.3.1, 41.3.3, and 41.3.5 working groups and the 41.3.5 RF ad hoc group met on Monday through Wednesday.

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

- PN-3-3399-RV2, Magnetic Field and Acoustical Gain Requirements for Headset Telephones Intended for Use by the Hard of Hearing (Revision of TIA/EIA-504-A)

    Current Status: Decision made to cancel project at Tampa meeting.

    Target Completion Date: Complete.

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

    Current Status: The document may be ready for ballot after the February meeting. The document is essentially complete except for a decision regarding making MEI an option and what the fall back position will be for non MEI operation.

    Target Completion Date: May 2002

- PN-3-4159, Stutter Dial Tone Detector Requirements (To become new TIA/EIA-855)

    Current Status: Document published.

    Target Completion Date: Complete.

- PN-3-4350, Performance and Compatibility Requirements for Telephone Sets with Loop Signaling (Revision of TIA/EIA-470-B)

    Current Status: TIA-470C Draft is currently being developed under a set of four separate documents:

    1. ELECTRO-ACOUSTICS: PN-3-4350.110: Planned to be ready for committee ballot Nov. 2001.

    2. RESISTANCE AND IMPEDANCE: PN-3-4350.210: Planned to be ready for committee ballot Nov. 2001.

    3. ALERTER: PN-3-4350.220: Planned to be ready for committee ballot Feb. 2002.

    4. CORDLESS TELEPHONE RANGE MEASUREMENT PROCEDURES (CTRMP) PN-3-4350.310: The document will be ready for committee ballot by October 1, 2001. There are editorial changes to be completed that will be reviewed by the working group before the document is sent for ballot. Because the TR41.3 meeting agenda did not include an announcement of a ballot vote, it was agreed there would be an email vote of the TR41.3 voting members to allow the document to go for ballot once it is ready.

    A new section of the PN-3-4350 (470-C) document series was proposed by the TR41.3.5-CTRMP working group. The new document will be developed to define and evaluate special requirements unique to cordless telephones.

    Target Completion Date: (See Above).

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

    Current Status: The proposal to use a 16 bit 16 kHz coder as the minimum required "Codec" for wideband VoIP was discussed at length. There was unanimous agreement by the group to implement the 256 kbit coder for test purposes and ask 41.4.4 to make the final decision on use of the Coder as the minimum default coder.

    Target Completion Date: TBD

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

TR41.3.5-CTRMP working group has requested to start a new project (to be developed under PN-3-4350 (TIA-470-C)) to develop a standard for functional requirements unique to cordless telephones.

There is a need to address metallic RF interference from intentional network signaling (e.g., DSL) that may interfere with telephone operation. There may also be a need to address telephone signaling impacts on DSL transmission. This may have a bearing on the current work on going for TIA-631A (RFI). The TIA-631A working group decided that intentional network signal impairments are beyond the scope of the TIA-631A standard.

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

- TR-41.3 requests concurrence to conduct an email ballot on sending PN-3-4350.310 out for committee ballot. If authorized by the email ballot, TR-41.3 requests concurrence to send the document our for committee ballot.

  Plenary Action: Unanimously approved. The document number is TR41-01-08-051.

- Concurrence to start a new project under PN-3-4350. Scope: "This standard establishes procedures and criteria for evaluating features and functionality unique to Cordless Telephones".

  Plenary Action: The Plenary unanimously approved that the working group be established.

- Neither concurrence or approval, but the TR41.3 sub-committee requests direction on where to work on DSL impairment issues (it is proposed to make this a new section under TR41.3.5 (TIA-470-C).

  Plenary Action: The Plenary did not approve starting this work until a contribution is submitted.

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

Subcommittee TR-41.4 met on Wednesday, August 22, 2001. Its TR-41.4.1 and 41.4.4 Working Groups met on Tuesday and Wednesday morning.

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

- 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: Actively being worked.

  Target Completion Date: May 2002

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

  Current Status: Started

  Target Completion Date: May 2002

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

  Current Status: Actively being worked

  Target Completion Date: February 2002

- PN-3-4819-RV1, IP Telephony Equipment, Voice Router/Gateway Loss and Level Plan Guidelines (Revision of TSB-122)

  Current Status: Document published and available on TIA web site for single copy download.

  Target Completion Date: Complete.

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

Current Status: Actively being worked

Target Completion Date: November 2001

- PN-3-4917, International Emergency Performance Scheme Framework (To become new TSB)

    Current Status: Inactive

    Target Completion Date: Not Known

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

TR41.4 will hold an interim conference call meeting toward the end of September for the purposes 1) approving a new project on QoS measurement recommendations, 2) to try to approve some editing changes in PN3-4726, and 3) Approve the Liaison to TR30.1.

The working group TR41.4.1 has been dissolved and the work of that group has returned to TR41.4

The TR41.4.4 Working Group, after much discussion, established that the To Be Named 16 bit linear coder would be specified as the default, minimum required broadband codec.

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

- TR41.4 requests the concurrence of TR41 to send Section 10 of Voice Gateway Transmission Requirements (PN 3-4826) to ITU-T TR30.1 for liaison relative to the inclusion of the correct Modem Recommendation for transport over IP.

    Plenary Action: Unanimous approved. The document number is TR41-01-08-052.

d.   TR-41.7 – Environmental and Safety Considerations – Steve Bipes

Subcommittee TR-41.7 met on Thursday afternoon, August 23, 2001. Its TR-41.7.3 Working Group met jointly with T1E1.7 on Monday morning 8/20/01. Its TR-41.7.2 Working Group met jointly with T1.5 and T1E1.7 on Wednesday morning 8/22/01. The TR-41.7.1 Working Group met Thursday morning 8/23/01.

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: Editing - on schedule for a 02/02 Publication Date.

    Target Completion Date: 02/02.

- 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-037)

    Current Status: TIA PN 4351B received 20 technical comments and 39 editorial comments. All these were reviewed in detail and resolved. All changes made were considered to be editorial in nature. The WG consensus was to recommend advancing the document to the next step. Debbie Ryan will send the comment resolution report to TR41 members. Percy Pool will upload it to the T1E1.7 server along with the corrected copy of the document.

    Target Completion Date: Balloting comments to be resolved 10/10/01.

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

Results of recent default ballots (T1 LB945d T1.316 Electrical Protection of OSP and TIA PN4351B TIA 607A Commercial Building Grounding (earthing) and Bonding) were reviewed. Comments submitted on LB945 were incorporated in draft balloted by TIA so these comments have been (informally) resolved.

The joint 41.7.1 / 41.3.3 / 41.3.5 / IEEE STIT meeting was not held but is rescheduled for November.

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

- 41.7 would like to hold an interim teleconference meeting Monday September 10, 2001 at 10:00 AM CT / 11:00 AM ET. The purpose of the meeting will be to formally approve final ballot resolution comments on PN-3-4351 (Revision of EIA/TIA-607) and decide whether to SP ballot or publish as joint standard.

  Plenary Action: Unanimously approved. The document number is TR41-01-08-053.

e. **TR-41.9 – Terminal Attachment Programs – Anh Nguyen (Acting Chair)**

Subcommittee TR-41.9 met on Wednesday, August 22, 2001. Its 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-3-0005, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (To become TIA/EIA-968)

  Current Status: Project to be closed in favor of a revision and upgrade to IS-968 (to be done under PN-3-0016-URV).

  Target Completion Date: 8/31/2001

- PN-3-0005-RV1, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (To become TIA/EIA-968-A)

  Current Status: Project to be closed in favor of a revision and upgrade to IS-968 (to be done under PN-3-0016-URV).

  Target Completion Date: 8/31/2001

- PN-3-0010, Supplemental Criteria for Stutter Dial Tone Detection Devices and ADSL Modems to Prevent Harm to the Telephone Network (To become TIA/EIA-IS-883)

  Current Status: Document published, submitted to ACTA, and subsequently adopted by ACTA.

  Target Completion Date: Complete.

- PN-3-0016, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (To become TIA/EIA-IS-968)

  Current Status: Document published, submitted to ACTA, and subsequently adopted by ACTA.

  Target Completion Date: Complete.

- PN-3-3726, Update of Harmonized Rules (CS-03/Part 68): Harmonization Phase II

  Current Status: Accepting contributions from members

  Target Completion Date: 2002

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

  Current Status: Need to update scope to "Responses to Part 68 questions from ACTA". Ongoing

  Target Completion Date: Ongoing

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

  None

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

- TR-41.9 requests the concurrence of TR-41 to open a new project (to be PN-3-0016-URV) to revise and upgrade TIA/EIA/IS-968 to ANSI status. The contents of TIA/EIA/IS-883 will be incorporated into this revision and that document will be rescinded once the revision is approved. Projects PN-3-0005 and PN-3-0005-RV1 will be closed in favor of taking this approach.

  Plenary Action: Unanimously approved. The document number is TR41-01-08-054.

- TR-41.9 requests the concurrence of TR-41 to open a new project to create an Interim Standard on criteria to prevent harms to the network by V.90 modems.

  Plenary Action: Unanimously approved. The document number is TR41-01-08-055.

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

Subcommittee TR-41.10 met on Tuesday morning, August 21, 2001.

Project Status: The following is a summary of the status of each Project assigned to TR-41.10.

- PN-3-0015, Qsig/SIP Mapping (To be TIA/EIA-888).

  Current Status: A new draft was sent to ECMA in response to the comments were made on the previous draft.

  Target Completion Date: December 2001

- PN-3-4883, PSS1 Interexchange Signaling Protocol for Call Diversion

  Current Status: ECMA accepted the new diversion edition to clarify that CFB and CFU. Since no further proposed solutions for ANSI delayed signaling were received from TR41.10, the proposal was officially dropped.

  Target Completion Date: If the company who made the proposal does not make any new proposal the project will be cancelled.

- PN-3-4884, PSS1 Specification, Functional Model and Information Flows for Call Diversion

  Current Status: Same as above

  Target Completion Date: Same as above

- PN-3-4885, PSS1 Specification, Functional Model and Information Flows for Name Identification

  Current Status: The new edition to incorporate ISO 10646-1 character sets is on track and scheduled to be finalized at the September meeting

  Target Completion Date: December 2001

- PN-3-4886, PSS1 Interexchange Signaling Protocol for Name Identification

  Current Status: Same as above

  Target Completion Date: December 2001

Information: TR-41.10 would like to provide the Plenary with the following information.

   None

Action Items: TR-41.10 has the following action items for Plenary concurrence or approval.

   None

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

Subcommittee TR-41.11 met on Tuesday, August 21, 2001. Its SDoC ad hoc group met on Monday morning.

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

- PN-3-0014, Labeling Requirements (To be TIA/EIA/TSB168)

  Current Status: Document published, submitted to ACTA, and subsequently adopted by ACTA.

  Target Completion Date: Complete.

- PN-3-0017, User's Guide to Supplier's Declaration of Conformity for Part 68 (To be TIA/EIA/TSB129).

  Current Status: Revision 1.0 is complete and will be voted on by the committee (via email) to be sent for Ballot.

  Target Completion Date: November 2001

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

  TR41.11 has no information for the Plenary not covered in the Project Status or Action Items.

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

- TR41.11 agreed to conduct an email committee vote to decide send the PN-3-0017 out for ballot because notification of the vote was decided at the meeting and was not on our agenda. If the committee votes to support this action the chair will send PN-3-0017 out for ballot. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved. The document number is TR41.3-01-08-056.

- If the ballot of PN-3-0017 is affirmative or can be resolved as affirmative (through an editing committee) TR41.11 will send the document to TIA for publication as TIA/EIA/TSB129. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved.

- If the publication of TIA/EIA/TSB129 occurs before the next meeting in November in Greensboro, TR41.11 will ask TIA to forward the document to the ACTA for adoption. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved.

- If the publication of TIA/EIA/TSB129 occurs before the next meeting in November in Greensboro, TR41.11 has agreed to start a new project to alter the Scope of TIA/EIA/TSB129 to include the TCB approval process so that it will become a US TTE Approval Guide. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved. The document number is TR41.3-01-08-057.

- TR41.11 is sending a letter to the ACTA (TR41.11-01-11-056) to inform them of our plans for TIA/EIA/TSB129 to include parts of its SDoC Guideline (so that TIA/EIA/TSB129 becomes a US TTE Approval Guide) and to seek their concurrence on this plan before we begin work on it. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approve. The document number is TR41.3-01-08-058.

- TR41.11 is sending a letter to the ACTA (TR41.11-01-11-054) to state its interpretation of "Responsible Party". TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved. The document number is TR41.3-01-08-059.

- TR41.11 is sending a letter to the ACTA (TR41.11-01-11-055) to state its opinion that the US Service Center information is not required in the ACTA database ask to ask them that it be removed from the database. TR41.11 seeks TR41's concurrence in this action.

  Plenary Action: Unanimously approved. The document number is TR41.3-01-08-060.

4. **Liaison Reports**

   a. **TAPAC**

   TAPAC and its Task Forces last met June 20-21, 2001 in Toronto, Ontario.

   Work on the regulations is still ongoing. Industry Canada (IC) is aiming at having the new regulations ready for publication on the Canada Gazette by the year end. Hence, there is no change in the status for implementation of Phase 2 of the MRAs.

   It was reported that IC is currently considering different labeling fee structures, including a flat registration fee that seems to be the most appropriate.

   The comments received and the discussion at the TAPAC meeting on the *Canada Gazette Notice No. SMSE-016-01 for Declaration of Conformity (DoC)* are all supportive, although some expressed that SDoC is the preferred approach.

   A work plan on DSL has been established and will include updating the current ADSL and HDSL requirements, and the inclusion of new xDSL technologies, such as G.Shdsl and HDSL4. The proposed requirements will be in alignment with the T1E1 T.417 standard.

   It was identified that high voltages may be imposed on the local loop by some DSL equipment. The question of whether or not CS-03 should have requirements to prevent harm from these voltages was discussed. The issue will be investigated and proposal made to TAPAC for consideration.

   The next meeting of TAPAC and its Task Forces will be Oct. 24-25, 2001 in Ottawa, Ontario, Canada.

   b. **TCB Council**

   No report.

5. **Old Business**

   There was no old business.

6. **New Business**

   a. **Election of TR41 Chair**

   The only nominee was the incumbent, Steve Whitesell. He was unanimously approved by acclamation as the new chair. The election was conducted by TIA Staff Member Stephanie Montgomery.

   b. **Other**

   It was suggested by James Bress that TR41 alternate co-locating its meetings with T1E1 instead of having every meeting co-located in order to take advantage of other hotels and city locations. Steve Whitesell suggested that this subject be brought up at the next chair's meeting in Greensboro.

7. **Meeting Schedules**

   a. **Next Meeting**

   The next meeting will be held the week of November 5-9,2001   This meeting will be co-located with T1E1. 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:

   > Sheraton Four Seasons Greensboro, NC
   > 3121 High Point Road
   > Greensboro, NC 27407

Phone: (336) 292-9161
Fax: (336) 292-1407
Room Rate: $140.00
Cut off date: October 5, 2001

b. Future Meetings

The schedule for future TR-41 meetings is given below. All meetings through the end of 2002, except in May, will be co-located with T1E1.

February 18-22, 2002   Vancouver
May 6-10, 2002   TBD Coeur d' Alene, ID/Minneapolis
August 19-23, 2002   TBD Denver
November 18-22, 2002   Atlanta

8. Adjournment

There being no further business, the meeting was adjourned at 10:30 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
Tentative TR-41 Meeting Schedule for Greensboro

MONDAY **0800 – 1200** **20 Aug 2001**	**TR-41.3.3** **(Magnuson – 25)**	**TR-41.3.1** **(Bleile – 25)**		**T1E1.3** **(Bishop – 20)**	**T1E1.4** **(Sorbara – 70)**	**TR-41.7.3/** **T1E1.7** **0830 – 1200** **(McKinnon/** **Havens – 15)**		
MONDAY **1300 – 1800** **20 Aug 2001**	TR-41.3.3 **(Magnuson – 25)**	**TR-41.3.1** **(Bleile – 25)**	**TR-41.9.1** **(Havens – 25)**	**T1E1.3** **(Bishop – 20)**	**T1E1.4** **(Sorbara – 70)**	**T1E1.7** **(Havens – 15)**	**T1E1.8** **(Thakkar – 30)**	
MONDAY **1900 – 2200** **20 Aug 2001**		**TR-41 Chairs** **(Whitesell – 20)** **1800 – 1900**			**T1E1.4** **Breakout**			
TUESDAY **0800 – 1200** **21 Aug 2001**	**TR-41.10** **(Zonoun – 20)**	**TR-41.3.5** **(McKinnon – 25)**	**TR-41.11** **(Slingerland – 35)**	**T1E1.3** **(Bishop – 20)**	**T1E1.4** **(Sorbara – 70)**	**T1E1.7** **(Havens – 15)**	**T1E1.8** **Breakout1 – 15**	**T1E1.8** **Breakout2 – 15**
TUESDAY **1300 – 1800** **21 Aug 2001**	**TR-41.4.4** **(Baker – 30)**	**TR-41.3.5** **(McKinnon – 25)**	**TR-41.11** **(Slingerland – 35)**	**T1E1.3** **(Bishop – 20)**	**T1E1.4** **(Sorbara – 70)**	**T1E1.7** **(Havens – 15)**	**T1E1.8** **Breakout1 – 15**	**T1E1.8** **Breakout2 – 15**
TUESDAY **1900 – 2200** **21 Aug 2001**	**TR-41.4.4** **(Baker – 30)**				**T1E1.4** **Breakout**			
WEDNESDAY **0800 – 1200** **22 Aug 2001**	**TR-41.4** **(Bell – 30)**	**TR-41.3.5** **(McKinnon – 25)**	**TR-41.9** **(Nguyen – 35)**		**T1E1.4** **(Sorbara – 70)**	T1E1.5 (Vezeau – 15)	**T1E1.8** **Breakout1 – 15**	**T1E1.8** **Breakout2 – 15**
WEDNESDAY **1300 – 1800** **22 Aug 2001**	**TR-41.4** **(Bell – 30)**	**TR-41.3.5** **RF Ad Hoc** **(VanZandt – 25)**	**TR-41.9** **(Nguyen – 35)**		**T1E1.4** **(Sorbara – 70)**	**T1E1.5** **(Vezeau – 15)**	**T1E1.8** **Breakout1 – 15**	**T1E1.8** **Breakout2 – 15**
WEDNESDAY **1900 – 2200** **22 Aug 2001**	**TR-41.4** **(Bell – 30)**				**T1E1.4** **Breakout**			

THURSDAY **0800 – 1200** **23 Aug 2001**	**TR-41.7.1** **(Ivans/ – 20)**		**TR-41.1** **(Tung – 25)**		**TR-41.9/** **T1E1.4** **0830 – 1030** **(Sorbara/** **Nguyen – 100)** **T1E1.4** **(Sorbara – 70)**	**T1E1.5** **(Vezeau – 15)**	**T1E1.8** **(Thakkar – 30)**	
THURSDAY **1300 – 1800** **23 Aug 2001**	**TR-41.7.1** **(Ivans – 20)** **Followed by** **TR-41.7** **(Bipes – 20)**	**TR-41.3** **(Bress – 25)**	**TR-41.1** **(Tung – 25)**		**T1E1.4** **(Sorbara – 70)**	**T1E1.5** **(Vezeau – 15)**	**T1E1.8** **(Thakkar – 30)**	
THURSDAY **1900 – 2200** **23 Aug 2001**				**TR-41/T1E1** **ALL CHAIRS** **(1800 – 1830)** **(Whitesell/** **Eckert – 30)** **T1E1 Leaders** **(1830 – 1930)** **(Eckert – 20)**				
FRIDAY **0800 – 1200** **24 Aug 2001**		**TR-41 Plenary** **(0800 – 1000)** **(Whitesell –** **30)**			**T1E1 Plenary** **(0800 – 1100)** **(Eckert – 60)**			

**Appendix B
Document List**

Number	Source	Description
TR41-01-08-001-R2		TR-41 Document List for 2001
TR41-01-08-046	Secretary	Report for May 11, 2001 Meeting in Tampa
TR41-01-08-047	Chair	Agenda for August 24, 2001 Meeting in Ottawa
TR41-01-08-048	T1S1	Liaison Reply from T1S1 on ECS for ISDN
TR41-01-08-048-A	T1S1	Attachment to Liaison Reply from T1S1 on ECS for ISDN
TR41-01-08-049	ACTA	Reply from ACTA Accepting Proposal to Create Liaison
TR41-01-08-050	ECMA	Liaison Report on ECMA TC32 Activities
TR41-01-08-051	TR-41.3	PN-3-4350.310 for Committee Ballot
TR41-01-08-052	TR-41.4	Liaison to ITU-T Providing Section 10 of PN-3-4826
TR41-01-08-053	TR-41.7	PN-3-4251 for Publication as TIA/EIA-J-STD-037
TR41-01-08-054	TR-41.9	Project Request to Revise and Upgrade TIA/EIA/IS-968
TR41-01-08-055	TR-41.9	New Project Request for an IS on V.90 Modem Harms Criteria
TR41-01-08-056	TR-41.11	PN-3-0017 for Ballot as TIA/EIA/TSB129 (and Publication if Approved)
TR41-01-08-057	TR-41.11	Project Request to Revise PN-3-0017 after Initial Publication
TR41-01-08-058	TR-41.11	Liaison Letter to ACTA on Future Plans for SDoC Guide
TR41-01-08-059	TR-41.11	Liaison Letter to ACTA on Interpretation of "Responsible Party"
TR41-01-08-060	TR-41.11	Liaison Letter to ACTA Recommending Deletion of Service Center Information from Approved Product Database

Approved by General Counsel

TR-41 Meeting Report
Date: 08/24/01
Location: Ottawa, Canada

Approved: 10/9/01
T# 6066