

**Telecommunications Industry Association
Standards and Technology Department**

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

Meeting Report

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

**Date: November 9, 2001
Venue: Sheraton Four Seasons
City: Greensboro, NC**

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 9 of 14 voting member companies represented. eON, MIS Labs and SBC were removed from the quorum list due to three consecutive absences.

1) Quorum Members or Alternates Present

AST – James Bress	Nortel – Roger Britt
Atlinks – Clint Pinkham	Sprint – Cliff Chamney
Cisco – Bob Bell	Telcordia – John Balinski
ECS – Harry Van Zandt	VTech – Steve Whitesell
Mitel – Greg Slingerland	

2) Quorum Members Absent

AVAYA – Joanne McMillen	TIS – Steve Bipes
Lucent – Tony Caggiano	Wyle Labs – Jim Smith
Siemens – Tailey Tung	

3) Others Present

Alcatel – François Pinier	Plantronics – Alan Woo
Ericsson – Berndt Martenson	Poly Com – Peter Baker
ETSI STQ Liaison – Joachim Pomy	Tecor – Phillip Havens
Industry Canada – Henry Mar	U/L – Randy Ivans
Mitel – Richard Hatherill	Uniden – Al Baum

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 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.

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 announced the results of the Subcommittee elections held this week. Tailey Tung (Siemens) was elected Chair of TR-41.1. Randy Ivans (UL) was elected Chair of TR-41.7, and Chris Wellborn (Adtran) was elected Vice-Chair. Phillip Havens (Teccor) was elected Chair of TR-41.9, and Anh Nguyen (UL) was elected Vice-Chair. Greg Slingerland (Mitel) was elected Chair of TR-41.11 and John Shinn (Sanmina) was elected Vice-Chair.

Elections for the Chair and Vice-Chair of TR-41.4 and TR-41.10 will be held at the February 2000 Meeting. Nominations, a letter of company support, and a biographical sketch must be submitted to Dan Bart (dbart@tia.eia.org) by January 10, 2002. Copies should be sent to Stephanie Montgomery (smontgom@tia.eia.org) and Steve Whitesell (swhitesell@vtech.ca).

Copies of meeting contributions should be posted in the public folders for the subcommittees and working groups on the TIA web site. Most of the Chairs are getting good about this, but there are still a few who need to improve. Steve indicated he is one of the latter. Documents that are assigned numbers during the Plenary need to be forwarded to him and Vice-Chair Roger Britt. Roger has been asked to remind those who do not comply.

We are planning a "Part 68" seminar to be held in conjunction with our May meeting. The seminar will likely be the Wednesday and Thursday before our meeting, with an ACTA meeting and panel discussion on Friday. The venue is expected to be in the Greater Washington, DC area. It will likely be co-sponsored by TIA, ATIS, and ACTA. The emphasis will be on procedures related to the SDoC and TCB processes and filing of information with ACTA as described in TSB-129-A.

f. TIA Staff Remarks

Jennifer Franz discussed the two methods for computing voting rights. If TIA is not notified of which option is chosen, then it reverts back to the 1991 Engineering Manual. The ensuing discussion was moved to "New Business".

Jennifer responded to a question relating to existing TIA membership and how it is affected when SPINCO, the new spin-off of TIA, is established. She stated that if presently a TIA member no changes will be made for 3 years.

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, November 8, 2001. Richard Hatherill chaired the meeting in place of Tailey Tung, who was not able to attend.

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: One technical change was made to make the idle state voltage 21 volts (to align with other standards). Other technical changes related to B8ZS coding, and network signaling timing on digital trunks, have to be reviewed.

Minor editorial changes are also required. It is expected that the final version will be ready to go for ballot at the February 2002 meeting.

Target Completion Date: February 2002

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

Current Status: An updated draft prepared by Bob Chrostowski, (Iwatsu America) was reviewed during the meeting, and a working group consisting of Bob Chrostowski, Dorothy Lockard (Dietrich Lockard Group), and Kirit Patel (Cisco) have agreed to collaborate on a next draft to be presented to the TR41.1 committee in February 2002.

It was agreed that the title should be changed to 'Emergency Calling Service' (ECS) to align with other standards.

Target Completion Date: May 2002

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

Current Status: The TR41 Plenary approved the adoption of ISO 11753 for the TIA-594-A standard at the February 2001 meeting.

Target Completion Date: Complete

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

Tailey Tung was re-elected chair of TR41.1 by acclamation. There were seven quorum members present out of a total of thirteen (54%).

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

There were no action items for Plenary concurrence or approval.

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

Subcommittee TR-41.3 met on Thursday afternoon, November 8, 2001. Its 41.3.1, 41.3.3, and 41.3.5 working groups and the 41.3.5 CTRMP 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-3-4078-RV1, Caller Identity and Visual Message Waiting Indicator Equipment Performance Requirements (Revision of TIA/EIA-777)

Current Status: Technical issues have been resolved except for possible issues related to Extension In-Use (EIU) detection using the momentary Off-Hook method. The last Agreement was to remove MEI (Multiple Extension Inter-working) from the document and make EIU detection an optional part of the standard described in detail in the Annex.

Target Completion Date: Document to be ready for Industry ballot by 5-2002.

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

Current Status: Technical issues have been resolved. There is an issue related to the timing of the issue of IEEE-269-200x. IEEE-269 is directly referenced as a normative standard for TIA-470.110 so balloting of TIA-470.110 may have to wait for publication of IEEE-269-200x.

Target Completion Date: Document to be ready for Committee ballot by 12-2001.

- 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: Technical issues have been resolved. There is still substantial editorial work to be completed.

Target Completion Date: Document to be ready for Committee ballot by 5-2002.

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

Current Status: Technical issues have been resolved. There is still substantial editorial work to be completed.

Target Completion Date: Document to be ready for Committee ballot by 5-2002.

- 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: Committee ballots responses were reviewed and it was agreed for more technical work to be performed to validate some of the technical requirements.

Target Completion Date: Document to be ready for a new Committee ballot by 5-2002.

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

Current Status: Technical issues are still open to be resolved and substantial editorial work remains to be completed.

Target Completion Date: Document to be ready for a Committee ballot by 5-2002.

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

- TR41.3 would like to have input from the TR41 plenary on the possibility of starting an effort to consolidate technical definitions and acronyms to be held in one repository that would be used for all TR-41 standards. This should help in the uniformity of standards developed by the TR-41 committee. Some options to consider are a TIA document that is balloted and published (and available to be referenced in other standards), or a more informal repository document that is maintained for access (cut and paste) into developing standards.

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

- Concurrence to send PN 4350.110-C (to be TIA-470.110) for committee ballot.

Plenary Action: Unanimous approval Assigned #: TR41-01-11-065

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

Subcommittee TR-41.4 met on Wednesday, November 7, 2001. Its 41.4.4 Working Group met on Tuesday afternoon.

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: Working

Target Completion Date: Feb 2003

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

Current Status: Working

Target Completion Date: Dec 2002

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

Current Status: Going to Letter Ballot

Target Completion Date: Feb 2002

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

Current Status: Going to Letter Ballot

Target Completion Date: Feb 2002

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

Current Status: Inactive

Target Completion Date: Unknown

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

None

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

- TR41.4 has completed the work on PN-3-4826 and has voted to put the document out for letter ballot. TR41.4 requests the concurrence of TR41 for this action.

Plenary Action: Unanimous approval Assigned #: TR41-01-11-066

- TR41.4 has essentially completed the work on PN-3-4726. There is a small amount of final editing needed. Once this editing is complete, the sub-committee intends to have a audio conference to approve the action of sending the document out for letter ballot. Assuming that the result of the conference call is affirmative, TR41.4 requests the concurrence of TR41 for this action.

Plenary Action: Unanimous approval Assigned #: TR41-01-11-067

- TR41.4 has determined a need for a TSB to examine the area of IP Telephony security. This project, to be called IP Telephony Security Framework, would examine the areas of physical and logical network architectural security, authentication, authorization, privacy, governmental requirements, and references to other security activities. It would act as a guide to developers, implementers, and end users on this subject. TR41.4 desires the concurrence of TR41 in this matter.

Plenary Action: Unanimous approval Assigned #: TR41-01-11-068

Mr. Bell requested that since no contributions have come in for Project PN-3-4917, it be cancelled. The request was unanimously approved by the Plenary Assigned #: TR41-01-11-069.

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

Subcommittee TR-41.7 met on Thursday afternoon, November 8, 2001. Its TR-41.7.3 Working Group met jointly with T1E1.7 on Monday morning. The TR-41.7.1 Working Group met on Thursday morning together with members of the IEEE STIC committee to discuss acoustic

requirements and part of Thursday afternoon preceding the TR-41.7 meeting. TR-41.7 also held an interim meeting via conference call on September 10, 2001.

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: Final review and editing.

Target Completion Date: Expected to be out for ballot after the Feb. 2002 meeting.

- 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: Voted on and approved. Waiting for final draft to make sure all approved comments have been included.

Target Completion Date: December 2001 if final draft received by mid-November.

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

During the meeting, elections were held for chair and vice-chair. A quorum was declared (5 of 7 eligible members were present) and a vote taken. Randy Ivans was elected chair, Chris Wellborn was elected vice-chair.

After the September 10 meeting, members of the TR41.7.2 WG and T1E1 were expecting a final completed document for review that has not yet been received. D. Ryon is responsible for getting the final document out with all approved changes. Because of this the process is on hold.

The TR41.7.1 WG with input from IEEE STIC members agreed that we should recommend referencing IEEE 269 for acoustic measurement methods to the BNWG for UL/CSA 60950. In addition it was agreed that the limits should be changed to reflect a frequency response rather than simple numbers. IEEE will develop a proposal for the limits, which is expected to be ready by the May 2002 meeting.

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

- TR41.7 would like to send a letter to the BNWG for UL60950 requesting that the acoustic section of UL/CSA 60950 reference IEEE 269 for test methods. The current methods are outdated and IEEE 269 provides the necessary details to deal with modern technologies. There is a short window of opportunity to request a change before the draft of UL/CSA 60950 goes out in December. We believe that a request from TR41.7 with the concurrence of TR41 would show both the support of the telecom industry for a change and the importance of the request eliciting the rapid response that is required.

Plenary Action: Unanimous approval Assigned #: TR41-01-11-070

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

Subcommittee TR-41.9 met on Wednesday, August 21, 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 PN-3-0016.

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 PN-3-0016.

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: We are accepting contributions from members

Target Completion Date: 2002

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

Current Status: We need to change from FCC to ACTA

Target Completion Date:

Information: None

Action Items: None

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

Subcommittee TR-41.10 did not meet.

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

Subcommittee TR-41.11 met on Tuesday, November 6, 2001. Its TSB-129-A 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-3-0017, Telecommunications – Telephone Terminal Equipment – Guide to the U.S. Supplier's Declaration of Conformity Process (To be published as TSB-129).

Current Status: Published 6-Nov-2001, PN-3-0017 closed

Target Completion Date: Done

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

Current Status: Project opened on 6-Nov-2001

Target Completion Date: Vote out for ballot 19-Feb-2002

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

TR41.11 would like to inform TR41 that the sub-committee has chosen to utilize Option B (meeting attendance only) of section 3.2.5 *Membership Voting Continuation* of the TIA Engineering Manual to compute its membership voting rights. An email will be sent to TIA staff informing them of this decision.

TR41.11 would like to request a full day meeting on Tuesday in Vancouver for the TR41.11 meeting and a half-day on Monday morning for a TSB-129-A task group meeting.

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

- TR41.11 is sending a letter to TIA (TR41.11-02-02-004) to request that TIA/EIA/TSB129 be forwarded to the ACTA for adoption as its guide for the SDoC process. TR41.11 seeks TR41's concurrence in this action.

Plenary Action: Unanimously approved.

- TR41.11 is sending a letter to ACTA (TR41.11-02-02-005) to respond to their request to alter TR41.11's proposal requesting removal of US Service Center from the ACTA Database. The reply alters our proposal to rename it to "Agent for Service". TR41.11 seeks TR41's concurrence in this action.

Plenary Action: Unanimously approved.

- TR41.11 is sending a letter to ACTA (TR41.11-02-02-006) to respond to two of their requests for customer information contributions. We are sending them the requested section of the latest draft of TSB-129-A and it includes customer information words for use of alarm dialers with RJ31X jack. TR41.11 seeks TR41's concurrence in this action.

Plenary Action: Unanimously approved.

- TR41.11 is sending a letter to the TCB Council (TR41.11-02-02-007) to inform them of the work of TR41.11 to expand the scope of TSB-129 to include the TCB approval process and seek their comments on the latest draft and inputs on questions raised by the task group working on TSB-129-A. TR41.11 seeks TR41's concurrence in this action.

Plenary Action: Unanimously approved.

4. Liaison Reports

a. TAPAC

TAPAC and its Task Forces last met October 24-25, 2001 in Ottawa, Ontario.

Industry Canada has published for public comment the proposed Telecommunications Apparatus Regulations and the amended Radiocommunication Regulations in the Canada Gazette, Part I, on September 29, 2001. The Canada Gazette Notice is available at the following Internet address: <http://strategis.ic.gc.ca/SSG/sf05319e.html> .

The comment period will be 30 days, i.e. due October 29, 2001. The next step for Industry Canada is to gazette relevant documents required for the implementation of Phase II of the MRAs and DoC, within this year. The intent is to make Phase II of MRAs and Declaration of Conformity for Terminal Equipment effective in January 2002.

Recently, Industry Canada has also published two *Canada Gazette Notices*:

Notice No. SMSE-017-01 — Public Discussion on a Proposed Importation Monitoring Scheme For Radio and Telecommunications Equipment

Notice No. SMSE-025-01 — Self-Marking of the Certification/Registration Number on Terminal Equipment — Application Procedure and Agreement

The first Notice proposed an importation monitoring scheme focusing mainly on high risk importers. The second Notice proposed a self-marking scheme to replace labels provided by Industry Canada.

TAPAC/TTF has reached consensus on two proposals, one on Section 6 of CS-03, Part V – Receive Volume Control and the other on Part VIII of CS-03 – xDSL equipment. TTF will submit these two draft proposals for TAPAC letter ballot. Comments from TR41 will be welcome.

b. TCB Council

Anh Nguyen provided the report on the TCB Council activities. The last conference he attended was on October 9, 2001. The FCC has allowed the TCB to issue Grants for SAR, Scope B1 and has provided TCBs with the appropriate designations. The TCBs must watch for SAR applications and be critical of these applications. The FCC will be auditing SAR TCB Grants heavily at first so do not be surprised if you hear from the FCC about auditing SAR Grant.

The FCC has added a search that allows TCBs to input an FCC ID and find the 731confirmation number.

There are now close to 600 interpretations in the database and the responsible FCC staff will be retiring soon. The OET will put many of their interpretations in the database.

Anh sent Draft TSB-129-A, Version 4.0, to the Council and has indicated that members can provide input to TR41.11 for the November meeting.

5. Old business

There was no old business.

6. New Business

a. Election of TR41 Subcommittee Chairs – (See Chair's Remarks above)

b. Voting rights

Option A: Based on attendance and participation in ballots between meetings.

Option B: Based strictly on meeting attendance. If a member misses three consecutive meetings the voting rights are revoked.

A motion was made by Bob Bell and seconded that TIA TR41 adopt Option B. It was unanimously approved. Subsequent to the meeting, a letter was written from Steve Whitesell notifying TIA of the decision of the TR41 members.

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of February 18-22, 2002 in Vancouver. 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:

Westin Bayshore Resort & Marina
1601 Bayshore Drive
Vancouver, British Columbia V6G 2V4
Phone: (604) 682-3377
Fax: (604) 687-3102
Room Rate: \$210.00 CD and \$25.00 CD for each additional person
Cut off date: January 16, 2002

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
May 6-10, 2002
August 12-16, 2002

Vancouver, B.C., Canada
TBD Washington, DC
TBD Denver

November 18-22, 2002

Atlanta (Firm-reservations can now be made)

8. Adjournment

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

Harry A. Van Zandt
Secretary, TR-41

Stephen R Whitesell
Chair, TR-41

**Appendix A
Tentative TR-41 Meeting Schedule for Greensboro**

MONDAY 0800 – 1200 18 Feb 2002	TR-41.3.3 (Magnuson – 20)	TR-41.3.1 (Bleile – 25)	TR41.11 TG2 (Shinn-15)	T1E1.3 (Bishop – 15)	T1E1.4 (Sorbara – 70)	TR-41.7.3/ T1E1.7 0830 – 1200 (McKinnon/ Havens – 15)		
MONDAY 1300 – 1800 18 Feb 2002	TR-41.3.3 (Magnuson-20)	TR-41.3.1 (Bleile – 25)	TR-41.9.1 (Havens – 20)	T1E1.3 (Bishop – 15)	T1E1.4 (Sorbara – 70)	T1E1.7 (Havens – 15)	T1E1.8 (Thakkar – 30)	
MONDAY 1900 – 2200 18 Feb 2002		TR-41 Chairs 1800 – 1900 (20)			T1E1.4 Breakout			
TUESDAY 0800 – 1200 19 Feb 2002	TR-41.10 (Zonoun – 15)	TR-41.3.5 (McKinnon – 20)	TR-41.11 (Slingerland-30)	T1E1.3 (Bishop – 15)	T1E1.4 (Sorbara – 70)	T1E1.7 (Havens – 15)	T1E1.8 (Thakkar – 30)	
TUESDAY 1300 – 1800 19 Feb 2002	TR-41.4.4 (Baker – 25)	TR-41.3.5 (McKinnon – 20)	TR-41.11 (Slingerland-30)	T1E1.3 (Bishop – 15)	T1E1.4 (Sorbara – 70)	T1E1.7 (Havens – 15)	T1E1.8 (Thakkar – 30)	
TUESDAY 1900 – 2200 19 Feb 2002	TR-41.4.4 (Baker – 25)				T1E1.4 Breakout			
WEDNESDAY 0800 – 1200 20 Feb 2002	TR-41.4 (Bell – 25)	TR-41.3.5 (McKinnon – 20)	TR-41.9 (Havens – 35)		T1E1.4 (Sorbara – 70)	T1E1.5 (Vezeau – 15)	T1E1.8 (Thakkar – 30)	
WEDNESDAY 1300 – 1800 20 Feb 2002	TR-41.4 (Bell – 25)	TR-41.3.5 RF Ad Hoc (VanZandt-20)	TR-41.9 (Havens – 35)		T1E1.4 (Sorbara – 70)	T1E1 .5 (Vezeau – 15)	T1E1.8 (Thakkar – 30)	
WEDNESDAY 1900 – 2200 20 Feb 2002		TR-41.3.5 RF Ad Hoc (VanZandt-20)			T1E1.4 Breakout			

THURSDAY 0800 – 1200 21 Feb 2002	TR-41.7.1 (Ivans – 15)	TR-41.3.5 (McKinnon – 20)	TR-41.1 (Tung – 25)		TR-41.9/ T1E1.4 (Havens/ Sorbara – 70)	T1E1.5 (Vezeau – 15)	T1E1.8 (Thakkar – 30)	
THURSDAY 1300 – 1800 20 Feb 2002	TR-41.7.1 (Ivans – 15) Followed by TR-41.7 (Ivans – 15)	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 20 Feb 2002				TR-41/T1E1 ALL CHAIRS (1800 – 1830) (Whitesell/ Eckert – 30) T1E1 Leaders (1830 – 1930) (Eckert – 20)				
FRIDAY 0800 – 1200 22 Feb 2002		TR-41 Plenary (0800 – 1000) (Whitesell – 25)			T1E1 Plenary (0800 – 1100) (Eckert – 60)			

**Appendix B
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-01-11-001-R3		TR-41 Document List for 2001
TR41-01-11-061	Secretary	Report for August 24, 2001 Meeting in Ottawa
TR41-01-11-062	Chair	Agenda for November 9, 2001 Meeting in Greensboro
TR41-01-11-063	T1E1	Liaison from T1E1 re Letter Ballot 1014 on SHDSL
TR41-01-11-064	Chair	Liaison to T1E1 and TCB Council on PN-3-0017 (TSB-129)
TR41-01-11-065	TR-41.3	PN-3-4350.110-C for Committee Letter Ballot (to be 470.110-C)
TR41-01-11-066	TR-41.4	PN-3-4826 for Committee Letter Ballot (to be TIA-912)
TR41-01-11-067	TR-41.4	PN-3-4726 for Committee Letter Ballot
TR41-01-11-068	TR-41.4	Project Request to Create a TSB on IP Telephony Security
TR41-01-11-069	TR-41.4	Cancellation of PN-3-4917 Due to Lack of Contributions
TR41-01-11-070	TR-41.7	Liaison Letter to BNWG on Acoustic Test Methods
TR41-01-11-070-A	TR-41.7	Attachment to Liaison Letter to BNWG - UL60950 Previous Rev
TR41-01-11-070-B	TR-41.7	Attachment to Liaison Letter to BNWG - UL60950
TR41-01-11-071	TR-41.11	Request to TIA Secretariat to Forward TSB-129 to ACTA
TR41-01-11-072	TR-41.11	Liaison Letter to ACTA on Replacing "US Service Center" with "Agent for Service" in Data Base of Approved Products
TR41-01-11-073	TR-41.11	Liaison Response to ACTA on Recommended text for Customer Instructions, Including Instructions for Alarm Dialing Equipment (RJ-31X Jack Issue)
TR41-01-11-074	TR-41.11	Liaison Letter to TCB Council Informing Them of Expanded Scope for TSB-129-A and Inviting Comments on Latest Draft
TR41-01-11-074-A	TR-41.11	Attachment to Liaison Letter to TCB Council on TSB-129-A



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-41 Meeting Report
Date: 11/9/01
Location: Greensboro, NC

Approved: 12/10/01
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