

**Telecommunications Industry Association
Standards and Technology Department**

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

Meeting Report

Chair: Stephen R. Whitesell
Vice-Chair: Vacant
Secretary: Harry A. Van Zandt

Date: August 18, 2000
Venue: Delta Pinnacle Hotel
City: Vancouver, BC

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 15 of 16 voting member companies represented.

1) Quorum Members or Alternates Present

AST – Don McKinnon
Atlinks – Clint Pinkham
Circa – Phil Holland
Cisco – Bob Bell
Lucent – Tony Caggiano
MIS Labs – Jim Romlein
Mitel – Greg Slingerland
Mobile Engineering – Steve Bipes

Nortel – Pierre Adornato
SBC – Clifford Yackle
Siemens – Tailey Tung
Sprint - Cliff Chamney
Telcordia – John Balinski
Verizon – Richard Panko
VTech – Steve Kropp

2) Quorum Members Absent

CCL – Anh Wride

3) Others Present

Avaya – Joanne McMillen
Cisco – John Combs
ECS Technologies – Harry Van Zandt
eOn Communications – Peter Melton
ETSI STQ Liaison – Joachim Pomy
Industry Canada – Nicolas DesMarais
Industry Canada – Henry Mar
Lucent – Charles Lichtenwalner

Mobile Engineering – Steve Bipes
National Comm Sys – Hal Folts
Nortel – Roger Britt
Siemens – Richard Frank
TIA Staff – Roberta Breden
TIA Staff – Luis Gittens
VTech – Steve Whitesell – Chair
Wyle labs – Jim Smith

c. Review and Approve Agenda

The agenda [TR-41/00-08-044] was approved with the addition of item 4b, a liaison report from the TCB Council.

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

Jim Bress was elected Chair of TR-41.3

The Chair encouraged the use of the TIA web site with all work posted on it. Each contribution should be identified with the last three digits of the contribution number and a short title identifying it.

Names for the committees and working groups appear in several different places with several aliases. The list of official names was finalized and may be found in **TR-41/00-08-060**. All chairs are to ensure continuity within their groups.

Meeting Notices must be electronically submitted to the TIA Secretariat no later than 24 days prior to the scheduled meeting. This will be handled at the TR-41 level for regularly scheduled meetings, but subcommittee and working group chairs need to handle this for interim meetings.

Agendas should be submitted with the meeting reports, but will be accepted up to 14 days prior to the meeting. Agendas must clearly identify all substantive decisions, such as approval of documents for ballot or publication, to be made at the meeting.

The latest draft of the TIA Engineering Manual is available on the TIA web site for comments. Comments should be submitted quickly since the timeframe for cutoff is near.

f. TIA Staff Remarks

Any decisions made in the subcommittees must have a quorum in order to be valid.

A listing of the abbreviations on the sign-in sheets and an explanation was provided by Luis Gittens.

Advanced copies of attendance rosters can be provided to chairs prior to the scheduled meetings.

2. Previous Meeting Report

The report of the Tyson's Corner (Vienna, VA) meeting [TR-41/00-05-026] was reviewed and approved without change.

3. Subcommittee Reports and Requests

TR-41's subcommittees and working groups met at various times from Monday, August 14, 2000 through Thursday, August 17, 2000.

a. TR-41.1 – Multiline Terminal Systems – Tailey Tung

The subcommittee met on Thursday, and its 41.1.2 working group met on Tuesday afternoon.

The final draft of PN4422, the TSB for "North American Test Plan for Multi-Vendor QSIG Interoperability Testing," has been completed and approved by the subcommittee. **TR-41.1 requested concurrence of TR-41 to send PN-4422 out for Committee Letter Ballot as TSB-123 [TR-41/00-08-045].** The request was unanimously approved. The ballot request form together with the electronic camera-ready copy will send to TIA before the end of August.

Tailey Tung will not be able to chair the next TR41.1 meeting and asked the Chair of TR-41 to allow Dick Frank to chair the meeting. Steve agreed to this request.

b. TR-41.2 – Conformity Assessment – Pierre Adornato

The subcommittee met on Wednesday afternoon.

The sub-committee reviewed the comments and reply comments to the NPRM on the Part 68 Streamlining docket (CC Docket 99-216). As a result of this review, the subcommittee reached a consensus opinion that an additional letter with comments should be sent to the FCC. **TR-41.2 requested concurrence of TR-41 to send an Ex Parte letter to the FCC on Part 68 Streamlining [TR-41/00-08-046].** In the discussion that followed, it was pointed out that the letter would actually be sent over TIA President Matt Flannigan's signature. The request was unanimously approved.

c. TR-41.3 – Analog and Digital Wireline Terminals

The subcommittee met on Thursday afternoon. Its 41.3.1 and 41.3.4 working groups met on Monday, 41.3.2 and 41.3.3 on Tuesday (morning only for 41.3.3), 41.3.5 on Wednesday, and 41.3.5 cordless range ad hoc on Thursday morning.

TR-41.3.1 work on adding enhancements to TIA/EIA-777 (Type 2 Caller ID) and merging it with TIA/EIA-716 (Type 1 Caller ID) is complete and ready for ANSI ballot. **TR-41.3 requested concurrence of TR-41 to go to ANSI ballot with SP-4078-RV, to be published as ANSI/TIA/EIA-777-A if approved [TR-41/00-08-047].** TIA/EIA-716 will be rescinded once the revised TIA/EIA-777 document is published. The request was unanimously approved.

TR-41.3.2 has SP-4159 on Stutter Dial Tone (to be published as ANSI/TIA/EIA-855 if approved) out for an ANSI ballot that closes on September 25, 2000. The working group spent time going over contributions that will be submitted as negative ballots in order to

get an advanced start on the ballot resolution process. This should facilitate actual resolution of ballots at the next meeting.

TR-41.3.3 has SP-4352-URV on voice transmission performance for PCM and VoIP terminals out for an ANSI ballot that closes on September 18, 2000. This is a revision and upgrade to ANSI status of IS-810, to be published as ANSI/TIA/EIA-810-A if approved. Work on the wideband version of this standard, being carried out under PN-4705, has been delayed waiting correction of the ITU wideband loudness rating algorithm, but should be able to proceed by the next meeting.

TR-41.3.4's VoIP Feature Telephone document has been published as TIA/EIA-IS-811. Individuals may download a single electronic copy from the TIA web site for personal use. Additional copies in electronic or paper format may be obtained from Global Engineering. The working group had a short meeting planning for the revision of IS-811 as the protocol standards it references begin to settle down. Work is expected to pick up on this at the next meeting.

TR-41.3.5 is proceeding with the revision of ANSI/TIA/EIA-470-B using a tiered document structure. Ten contributions were considered in the main working group meeting and another four were presented in the RF range ad hoc group meeting. The editor of the document has changed companies and is no longer able to continue. To expedite progress, the editorship responsibilities will be broken up along the lines of the tiered document structure. The RF range ad hoc group is planning an interim meeting on October 12 & 13, 2000 in Melbourne, FL.

TR-41.3.5 also had another presentation from a T1E1.4 member on DC V-I characteristics for in-line filters to be used with ADSL. The working group agreed that ADSL was a useful service and that some accommodation for the necessary filters to separate ADSL from voice signals must be found. However, it suggested the voltage drop across the filter be kept as low as possible. It was noted that the proposed 1.6 volt drop at low currents was greater than the 1 volt drop that has been allowed in TIA/EIA-777 for Type 2 Caller ID adjuncts, but that it gave better performance in some cases because the one filter is intended to be used with each telephone. Steve Whitesell presented an oral liaison report to T1E1.4 on this matter.

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

The subcommittee met on Wednesday.

Reports were presented by several individuals in accordance with the Agenda. As a result of these reports, two decisions requiring the concurrence of TR41 were taken. The first is to undertake the development of an architectural framework investigation TSB to determine the impact of IEPS on an IP based telephony network. Mr. Hal Folts has volunteered to be the editor of the document. **TR-41.4 requested the concurrence of TR-41 to obtain a PN for investigating the impact of IEPS on an IP based telephony network and documenting it in a TSB [TR-41/00-08-048].** The request was unanimously approved.

The second item is a Liaison Letter to be sent to ETSI Technical Committee STQ concerning a common work item. This item is the development of a "Half Channel Loss Plan" model for national and international usage. The purpose of the letter is to present the work which the subcommittee has already performed to a wider audience for review and comment. It represents the transmission of working papers and does not represent an attempt to present a formal TIA position. **TR-41.4 requested the concurrence of TR-41 to provide a liaison document to ETSI STQ regarding the current status of a**

work in progress [TR-41/00-08-049]. The request was unanimously approved. The document is to be sent under a cover letter signed by the TR-41.4 Chair on TIA Committee Correspondence letterhead.

Ongoing work in the area of E911 was discussed as well as the work associated with creating a transmission standard based on TSB-122.

e. TR-41.5 – Multimedia Systems and Equipment – Jim Romlein

The subcommittee met on Thursday morning.

The main agenda item dealt with the Ballot of PN-4657, "A full Duplex Ethernet Physical Layer Specification for 1000 Mb/s operating over Category 6 Balanced Twisted Pair Cabling (1000BASE-TX). The ballot closed on July 28, 2000 with a vote of 19 Yes, 2 No, and 15 abstains.

The committee spent its time resolving the ballot comments. All comments were resolved and the committee voted to send the document with comment resolution out for industry comments. **TR-41.5 requested the concurrence of TR-41 to send PN-4657 out to Committee Letter Ballot for approval as a TIA Standard [TR-41/00-08-050].** The request was unanimously approved. Since this ballot will not close prior to the November meeting, TR-41.5 will not meet until the February meeting.

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

The subcommittee met on Thursday afternoon. Its 41.7.1 working group met on Thursday morning, and its 41.7.2 working group met jointly with T1E1.5 and T1E1.7 on Wednesday.

TR-41.7 would like to send a letter from to UL 1950 PDE Tom Burke with a finalized technical outline (responding to Tom Burke's comments) titled: EQUIPMENT WITH REMOTE FEEDING TELECOMMUNICATION CIRCUITS INTENDED FOR RETRO-FIT IN LEGACY TELECOMMUNICATION EQUIPMENT. This outline allows a UL listing in a new UL category meeting the requirements of UL1950 with the primary exception that a 1kV ac-rms electric strength test is allowed in lieu of distance requirements. **TR-41.7 requested the concurrence of TR-41 to send a liaison reply to UL providing a finalized technical outline for legacy equipment [TR-41/00-08-051].** The request was unanimously approved.

TR-41.7 would like to send a letter from to UL 1950 PDE Tom Burke requesting reconsideration of a proposed PAG pertaining to 60950 Clause 5.1.8.1.1 Limitation of Touch Current due to Ringing Signals. UL initially declined to implement a PAG as it viewed the request as a change of the requirements. TR-41.7 views the request as an interpretation of a test method intended by the standard. **TR-41.7 requested the concurrence of TR-41 to send a liaison request to UL to reconsider a PAG for touch currents due to ringing signals [TR-41/00-08-052].** The request was unanimously approved.

TR41.7 would like to send a letter to the US-Canadian Bi-National Working Group (BNWG) via Chair Kevin Revo (UL-ITE Business Sector Coordinator – Santa Clara), requesting a North American deviation for the upcoming edition of CSA/UL60950 Third Edition (due 12/00) exempting from the 10N Steady Force Test requirements: wire-wrap terminals used for the connection of SELV, TNV and RFT circuits that are:

provided on equipment that forms part of the TELECOMMUNICATION NETWORK, up to and including the demarcation point and is located in SERVICE ACCESS

AREAS only (This equipment is generally considered Central Office Equipment, though it may be deployed elsewhere in similarly controlled environments), and provided with a guard or cover which prevents unintentional contact during normal operation.

Pending BNWG approval of this item, the TR-41.7 will submit it for inclusion into the IEC parent standard via the USTAG TC74 – Edition 4 Amendment 1 (2004). A clause providing immediate relief for this wire-wrap issue in retro-fit / RFT equipment has also been included in the technical outline from item 1. **TR-41.7 requests concurrence of TR-41 to send a liaison letter to the Bi-National Working Group requesting a deviation in CSA/UL 60950 Third Edition [TR-41/00-08-053].** The request was unanimously approved.

All three liaison letters are to be sent on TIA Committee Correspondence letterhead over the signature of the TR-41.7 Chair.

TR41.7 would like to have a combined meeting with T1E1.7 in Savannah. This requires a schedule rearrangement. TR41.7.1 would move from Thursday morning to Monday morning (plus perhaps afternoon). TR41.7 / T1E1.7 would move from Thursday afternoon to Tuesday afternoon. T1E1.7 will be meeting jointly with other T1E1 groups Monday and Wednesday.

TR41.7 is reactivating working group 41.7.3 for work in conjunction with 41.3.5 to review TIA/EIA 631 for its 5-year review. 41.3.5 is currently reviewing TIA/EIA 470 and requested that 631 be wrapped-into and included in it. It was felt by 41.7 that since 631 has been established as a recognized standard among regulators and industry, that 470 simply make reference to the updated 631 which our joint committees wish to begin reviewing in Savannah.

IEC / ANSI Technical Committee 74 (which administrates IEC 60950) and 92 (which administrates IEC 60065) have decided to merge and form a new TC. A result of this merger will be the birth of a new standard harmonizing and replacing the requirements of IEC 60950 and 60065. Therefore, IEC 60950 Forth Edition 1st Amendment (due 2004) will be the last. TR41.7 will be monitoring this activity closely.

g. TR-41.9 – Terminal Attachment Programs – Henry Mar for Anh Wride

The subcommittee met on Tuesday and Wednesday morning. It was joined by some members of T1E1.2 for a joint meeting starting at 1530 on Tuesday afternoon and by some members of T1E1.4 for a joint meeting starting at 1000 on Wednesday morning. Subcommittee Chair Anh Wride was unable to be present this week. Henry Mar chaired the meeting in her place.

TR41.9 was continuing the work on test methods and procedures relating to network harm portion of DSL technology including transverse balance with a view to update TSB31B and to assist FCC in the streamlining of waiver process.

h. TR-41.10 – Private Integrated Services Networks - Joanne McMillen for Mo Zonoun

The subcommittee met on Tuesday morning.

The focus of this meeting was to report on the ISO/IEC/JTC1/SC6/WG6 Prague meeting (June 4-8, 00).

US has given up secretariat position in ISO/IEC, SC6 secretariat taken by Korea. Also, Australia stepped down from the WG6 secretariat. WG6 technical work is going to be done in ECMA (volunteered) and invited ISO/IEC/JTC1/SC6/WG6members to

participate in ECMA meetings. As a result of these changes, TR-41.10 will continue to provide US inputs on the technical issues to ISO/IEC/JTC1 via ECMA. TR-41.10 decided to continue its work on the mailing list and schedule face-to-face meetings from time-to-time, as required.

ISO/IEC/JTC1 is in the process of recycling the Qsig standards. We are required to either update or reaffirm the standards every five years. TR-41.10 will provide US position regarding the standards due for five years review.

ISO/IEC/JTC1 meetings in Prague produced several Draft Corrigenda on: Qsig GF, Message Waiting and Common Information protocol, Permanent circuit mode IPCs, Scenario and Architecture. Also, FDIS on VPN Mapping.

ECMA submitted several documents on currently ongoing and upcoming fast track standards. These standards are: Call Completion 2nd Edition, Single Step Call Transfer (Stage 1 and 2), Single Step Call Transfer (Stage 3), Simple Dialog (upcoming fast track) and Call Identification and Call Linkage (upcoming fast track)

A proposal by eOn for changes to Name and Diversion services to allow proper interworking with National ISDN name delivery service was discussed. TR-41.10 agreed to make changes accordingly to ISO/IEC Name Service and produce new ANSI standards.

TR-41.10 requested the concurrence of TR-41 to obtain PNs to create four new ANSI standards as follows:

PSS1 Inter-exchange Signaling Protocol for Call Diversion [TR-41/00-08-054]

PSS1 Specification, Functional Model and Information Flows for Call Diversion [TR-41/00-08-055]

PSS1 Inter-exchange Signaling Protocol for Name Identification [TR-41/00-08-056]

PSS1 Specification, Functional Model and Information Flows for Name Identification [TR-41/00-08-057]

The request was unanimously approved.

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

The subcommittee met on Monday, and its ad hoc labeling group met on Thursday afternoon.

The subcommittee has approved revision 3 of the Part 68 Application Guide. It will be published to the TIA web site within the next month.

TR41.11 received a positive response to its liaison letter sent to the TCB Council. We will now, as a minimum, begin exchanging each other's meeting reports and contributions.

We also held a special task group meeting separate from our regular meeting to discuss the labeling and common registration database issues that TIA left unanswered in the formal comments to the FCC NPRM from CC Docket 98-216 on streamlining of Part 68 and its processes. The goal of our half-day meeting was to reach consensus on the salient points that will be developed into a TIA position paper. After much discussion I believe we achieved that goal. Our objective is to finalize and submit this position paper to the FCC within the next few weeks as new information supporting TIA previous comments on the above mentioned Docket.

4. Liaison Reports

a. TAPAC

TAPAC last met June 14, 2000 in Ottawa. A proposal was brought forward to include SDSL in the provisions of CS-03. TAPAC decided that the proposal be passed down to its Technical Task Force for review and modifications and to be released as a provisional document. The TTF has worked out a draft provisional document for a letter ballot with commenting period to September 8, 2000. During the development of this provisional document for SDSL, the TTF also received a proposal for inclusion of HDSL2 by amendment to Part VIII of CS-03. The proposed amendment is currently distributed for comments. Both the draft provisional document on SDSL and the proposed amendment for inclusion of HDSL2 were submitted to this meeting of TR41.9 for information and comments.

IC is implementing the phase 1 of APEC TEL MRA with the other participating economies. Canada's participation in Phase II is now scheduled for September 2000 or early next year.

Canada and EC has agreed to amend the Canada/EC MRA to incorporate the European R&TTE Directive and to extend the confidence building period from June 1, 2000 to January 31, 2001 for all the sectors. Canada and Switzerland has reached a similar agreement. The Canada-EEA/EFTA MRA was signed July 4, 2000.

Canada hosted the NAFTA Telecommunications Standards Subcommittee (TSSC) meeting May 2000 in Ottawa. Mexico proposed that a workshop on conformity assessment process and rules be planned for November 2000 in Mexico City.

The amendment to Telecommunications Act, Bill C-17 has been put into effect March 31, 2000. The associated regulations are still being finalized and expected to be published this fall.

The next meeting of TAPAC will take place on October 27, 2000. Its task forces meetings will be held October 26, 2000.

b. TCB Council

Chair Steve Whitesell reported he had received a liaison reply from the TCB Council [TR-41/00-08-058] confirming their acceptance of our proposal to establish a liaison relationship between the TCB Council and our TR-41.9 and TR-41.11 subcommittees. A suggestion was made from the floor that it might be useful to co-locate a meeting of the TCB Council with TR-41.9 and TR-41.11. Greg Slingerland agreed to send a liaison note to the TCB Council suggesting such a meeting and informing them of our future meeting schedule [TR-41/00-08-059 and TR-41/00-08-059A].

5. Old Business

There was no old business.

6. New Business

a. Election of Vice-Chair

An email notice of the intent to elect a Vice-Chair at this meeting was sent to TR-41 members on June 30, 2000 with a request for nominations or self-nominations of candidates. Nominations were received for John Balinski of Telcordia and Roger Britt of Nortel. Brief biographical sketches outlining the candidates' qualifications were emailed to TR-41 members on July 31, 2000.

Chair Steve Whitesell reminded the committee that the election was to be held in accordance with the procedures in the draft revision of the Engineering Manual. The person elected will then be appointed to the position as required by the current Engineering Manual.

A secret ballot was conducted by TIA staff person Roberta Breden, Directory of Technical and Regulatory Affairs. Roger Britt was elected Vice-Chair of TR41. The candidates have the opportunity to inspect the ballots per the Chair.

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of November 13-17, 2000 in Savannah, GA. 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:

The Westin Savannah Harbor Resort
 One Resort Drive
 Savannah, GA 31421
 Phone: 912-201-2000
 Fax: 912-201-2077
 Room Rate: \$145.00 + \$5.00 daily resort fee
 Cut off date: October 10, 2000

b. Future Meetings

The schedule for future TR-41 meetings is given below. All meetings through the end of 2001 will be co-located with T1E1.

November 13-17, 2000	Savannah, GA
February 19-23, 2001	Orange County, CA
May 7-11, 2001	Orlando
August 20-24, 2001	Halifax/Montreal/Toronto
November 5-9, 2001	Austin/San Antonio/Palm Springs
February 18-22 (11-15), 2002	San Juan/Maui
May 6-10 (13-17), 2002	Coeur d' Alene, ID/Minneapolis/Boston
August 19-23 (12-16), 2002	Halifax/Montreal/Toronto/Edmonton
November 18-22 (11-15), 2002	San Diego/Palm Springs/Atlanta

8. 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.

Harry A. Van Zandt
Secretary, TR-41

Stephen R Whitesell
Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for Savannah

Monday AM	41.3.1 (Bleile – 25)	41.3.4 (Holland – 30)	41.11 (Slingerland – 40)	41.7.1 (Ivans – 20)
Monday PM	41.3.5 RF ad hoc (VanZandt – 25)	41.3.4 (Holland – 30)	41.11 (Slingerland – 40)	41.7.3 (Vacant – 25)
Tuesday BR	41 Chairs (Whitesell – 20)			
Tuesday AM	41.3.2 (Bress – 25)	41.3.3 (Magnuson – 25)	41.9 (Wride – 50)	41.7/T1E1.7 (Bipes/Pool)
Tuesday PM	41.3.2 (Bress – 25)	41.1.2 (Britt – 25)	41.9 (Wride – 50)	41.7/T1E1.7 (Bipes/Pool)
Wednesday AM	41.3.5 (McKinnon – 30)	41.4 (Bell – 35)	41.9 (Wride – 50)	41.7.2 (Romlein - 20)
Wednesday PM	41.3.5 (McKinnon – 30)	41.4 (Bell – 35)	41.2 (Adornato – 25)	41.7.2 (Romlein - 20)
Thursday AM	41.3.5 (McKinnon – 30)	41.1 (Tung – 25)		
Thursday PM	41.3 (Bress – 25)	41.1 (Tung – 25)		
Friday AM	41 (Whitesell – 30)			

**Appendix B
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR-41/00-05-026	Secretary	Meeting Report for Tyson's Corner
TR-41/00-08-044	Chair	Agenda for Vancouver Meeting
TR-41/00-08-045	TR-41.1	PN-4422 QSIG Interoperability Test Plan for LB as TSB-123
TR-41/00-08-046	TR-41.2	Ex Parte Letter to FCC on Regulatory Streamlining
TR-41/00-08-047	TR-41.3	SP-4078-RV Type 2 Caller ID Rev for LB as TIA-777-A
TR-41/00-08-048	TR-41.4	New PN for TSB on IEPS Application to Internet Telephony
TR-41/00-08-049	TR-41.4	Submit TR-41.4/00-08-053 as Liaison to ETSI STQ
TR-41/00-08-050	TR-41.5	PN-4657 1000 Mb/s Physical Layer Spec for LB as TIA Std
TR-41/00-08-051	TR-41.7	Letter to UL - Technical Outline for Listing Legacy Equipment
TR-41/00-08-052	TR-41.7	Letter to UL - PAG Reconsideration for Touch Current Test
TR-41/00-08-053	TR-41.7	Letter to BNWG - Proposes UL 60950 Rev - Wire Wrap Pins
TR-41/00-08-054	TR-41.10	New PN for ANSI Std on PSS1 Call Diversion Protocol
TR-41/00-08-055	TR-41.10	New PN for ANSI Std on PSS1 Call Diversion Model & Flows
TR-41/00-08-056	TR-41.10	New PN for ANSI Std on PSS1 Name Ident Protocol
TR-41/00-08-057	TR-41.10	New PN for ANSI Std on PSS1 Name Ident Model & Flows
TR-41/00-08-058	Chair	Reply from TCB Council on Liaison with 41.9 & 41.11
TR-41/00-08-059	TR-41.11	Liaison to TCB Council about Co-locating Meetings
TR-41/00-08-060	Chair	Official List of Subcommittee and Working Group Names



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-41 Meeting Report

Date: 08/14/00

Location: Vancouver, BC, Canada

Approved: 08/28/00

T# 5178

2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
USA

+1.703.907.7700
FAX +1.703.907.7727

www.tiaonline.org