



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-41 Meeting Report

Date: 08/17/07

Location: Ottawa, Canada

Approved: 8/30/07

T# 10656

**Telecommunications Industry Association
Standards and Technology Department**

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

Meeting Report

Chair: Stephen R. Whitesell
Vice-Chair: Al Baum
Secretary: Phillip Havens

Date: August 17, 2007
Venue: Hotel Indigo
City: Ottawa, ON

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 11 of 13 voting member companies represented. Since this was the third consecutive meeting at which Telcordia was not represented, it was removed from the quorum list prior to the determination of quorum.

1) Quorum Members or Alternates Present

AST – James Bress
Avaya – Joanne McMillen
Bourns – Mick Maytem
Cisco – Kirit Patel
Embarq – Amar Ray
Plantronics – Allen Woo

Siemens – Solomon Wu
Thomson – Roger Hunt
UL – Randy Ivans
Uniden – Al Baum
VTech – Steve Whitesell

2) Quorum Members Absent

Littelfuse – Phillip Havens

Nortel – vacant

3) Others Present

ETSI Liaison Rep – Joachim Pomy
Industry Canada – Peter Chau
Industry Canada – Hazim Dawood

Industry Canada – Christina Gallagher
Network Equip Tech – Tailey Tung
TIA Staff – Stephanie Montgomery

c. Review of Notice for Participation

The Chair brought the attention of meeting participants to the following Important Notice for Participation as found in the TIA Engineering Manual:

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

d. Review and Approve Agenda

The agenda was reviewed and approved with the addition of an item under New Business on the Industry Canada Fee Structure Order at the request of Hazim Dawood.

e. TIA Patent Policy

The Chair made the attendees aware of the following statement concerning TIA's Patent Policy and the desire for early disclosure of patents, the use of which may be essential to any standard or other document being developed for publication:

TIA's Intellectual Property Rights Policy can be found in Statements of Policy and subsequent sections of the TIA Engineering Manual. Participants in the work of the TIA Formulating Group are urged to review the appropriate Sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication early on in its development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with the statement set forth in ANNEX H with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.

He pointed out that this policy encouraging disclosure of intellectual property rights applies equally to all normative elements of documents under development, whether included directly in the text or incorporated by reference. No disclosures were made.

f. Chair's Remarks

Chair Steve Whitesell noted that we had approved the procedure for recognizing contributions to published documents at our last meeting as documented in TR41-07-05-011-LR1, but that this information needs to be included in the TR-41 Operational Guidelines document. He indicated his intent to produce a draft update for the next meeting.

Steve took note that we had recognized Greg Slingerland, Roger Britt, and Joanne McMillen for their past contributions and leadership at a dinner on Tuesday evening. He indicated we would be recognizing contributors to documents published in the 6 months leading up to the November meeting at that meeting.

Steve also remarked that calls for candidates had been made in the TR-41.3 (Chair and possibly Vice-Chair) and TR-41.7 (Chair and Vice-Chair) meetings. TR-41.4 elections are scheduled for February, but TR-41.4 is currently assessing its future and a further decision is expected at the November meeting.

g. TIA Staff Remarks

Stephanie Montgomery took note of the Technical Committee (TC) and Technical Standards Subcommittee (TSSC) meetings that were held in July. She pointed out that the TSSC is composed of the Chairs of all the Engineering Committees and is the place where the needs of the committees can be voiced and brought to the attention of TIA management. One of the recent improvements is a dedicated webmaster for the standards organization who will start work on Monday.

Stephanie also indicated the TC had approved a revision to the document numbering plan that will do away with PN and SP numbers. Instead, the document publication number, with various prefixes and suffixes will be used to identify the various stages of a document in initial development, revision, etc. An email will soon be forthcoming on this, but the changeover will not occur until October.

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-41.3 – Analog and Digital Wireline Terminals – James Bress

Subcommittee TR-41.3 met on Thursday afternoon, August 16, 2007. Its various working groups met from Monday through Wednesday and on Thursday morning.

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

- PN-3-0208, Comparison of TIA-470-C and ETSI TS 103 021 Requirements (to become TSB-470)

Current Status: Project to document a comparison of TIA and ETSI acoustic telephony standards requirements may get started soon as other projects complete.

Target Completion Date: 02/2008

- PN-3-0271, Guidelines for Marking and Labeling CPE Complying with TIA Standards (to become TSB-177)

Current Status: Ballot officially closes 8-17-2007. As of 8-16-2007 there were 13 YES, 4 YES with comments, 1 abstain, and 7 ballots not returned. All submitted ballot comments were reviewed and the document edited. Specific text added to address wording that may be used with the specified logos requires a default ballot of the revised document. The plan is:

1. If any new ballot comments are received to hold an interim TR-41.3 meeting to resolve. If any new comments lead to changes to the document, TR-41.3 may vote to send for re-ballot or default ballot.
2. Assuming the current ballot closes with no further changes required, TR-41.3 voted to provisionally send the revised document for default ballot.
3. Assuming the default ballot passes, TR-41.3 voted to provisionally publish the TSB-177 document after the default ballot closes and after any required editorial clean-up. It is expected the default ballot will close before the end of September.

There are issues regarding TIA Legal's desire to have a licensing program associated with using the logos specified in TSB-177 for the TIA-1083 standard. This effort could delay publication of this document. Steve Whitesell has agreed to inform the HLAA of the status of this project and also to inform TIA Legal of TR-41.3's plan to go forward with document publication.

Target Completion Date: 11/2007

Plenary Action Requested:

1. TR-41.3 requests concurrence to send TSB-177 for a default ballot provisionally if the current ballot passes.
2. TR-41.3 requests concurrence to send TSB-177 for publication provisionally if the presumed default ballot passes.

Plenary Action Taken: Unanimous approval for both requests.

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

Current Status: Technical work is continuing specifically in areas of defining a new SDN (Signal-to-Distortion & Noise) test. There is also work underway to investigate using sound level measurements rather than Loudness Ratings for speakerphones. Data based on speech levels in the PSTN network is being used to develop these requirements as well as data from other contributions regarding practical speakerphone volumes and expected room noise.

Target Completion Date: 05/2008

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

Current Status: The current document is out for ballot. No working group meeting was held while waiting for ballot replies.

Target Completion Date: 02/2008

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

Current Status: Considerable work is on-going to specify loudness ratings for incoming and outgoing messages in the various modes that these messages can be accessed by users. More contributions are needed for this project.

Target Completion Date: 02/2009

- PN-3-4705-RV1, Transmission Requirements for Wideband Digital Telephones (to become TIA-920-A)

Current Status: Al Baum (Uniden) is the new chair of the TR-41.3.3 working group, taking over for the newly retired Roger Britt. Tom Harley (TI) is continuing as the editor. Work on this project is progressing with current emphasis on specifying the best way to make loudness ratings for wideband considering the issues related to wideband to narrowband connections. These issues are being resolved. Send frequency response masks for headset and handset are being modified with consideration being given to the possibility of creating noise if the wideband send response is allowed in the higher frequencies for telephony.

Target Completion Date: 05/2008

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

- TR-41.3 voted to open a new project to revise TIA-855 (Automatic Stutter Dialtone Detection Performance). The 5-year revise, reaffirm, or withdraw time limit was reached in 2006. There are several known issues to be addressed in the TIA-855 standard. Steve Whitesell agreed to be editor and James Bress agreed to provide technical support and possibly edit.

Plenary Action Requested: TR-41.3 requests concurrence to open the new project.

Plenary Action Taken: Unanimous approval.

- TR-41.3 will hold elections for Chair and possibly, Vice-Chair, in November, 2007.
- The NIPP-NAI is developing a standard for the performance of ADSL splitters and filters. TR-41.3 has had liaison with NIPP-NAI over the past few months regarding TR-41.3 concerns of the NIPP-NAI requirements for the allowed capacitance (and thus impedance) connected to the telephone line. The contributions and information from TR-41.3 members indicates there may be significant issues related to sidetone problems and possibly Caller-ID signaling when splitters and/or filters are connected to a line to support ADSL service. TR-41.3 members will provide contributions to the NIPP-NAI efforts to help them understand the technical issues and possibly revise their standard accordingly.

b. TR-41.4 – IP Telephony Infrastructure and Interworking – Joanne McMillen

Subcommittee TR-41.4 met on Tuesday and Wednesday, August 14 & 15, 2007.

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

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

Current Status: All ballot comments were resolved at the meeting. The chair will compile all results and instructions for a new editor to produce the final update with all resolutions and produce a clean copy for submission to publication. The group has asked to have a one week final look at the clean version to verify content as there are numerous document versions floating around. Given that, a final vote for publication was not taken and is pending. The

chair will have the compiled list of resolutions and editor instructions ready by August 27. A new editor is needed to finalize the document and circulate for approval and publication vote.

Target Completion Date: 11/2007

- PN-3-xxxx (new project), Roll-in ANSI/TIA-464-C-1 into ANSI/TIA-464-C; to become ANSI/TIA-464-D

Target Completion Date: 11/2007

Plenary Action Requested: For concurrence to open a project to update ANSI/TIA-464-C to ANSI/TIA-464-D

Plenary Action Taken: Unanimous approval.

- Reaffirm TIA 596, Network Channel Terminating Equipment for Public Switched Digital Service (ANSI/TIA/EIA-596-92) (R2002)

Target Completion Date: 11/2007

Plenary Action Requested: For concurrence to issue an administrative ballot to reaffirm TIA 596

Plenary Action Taken: Unanimous approval.

- Reaffirm TSB-32-A, Overall Transmission Plan Aspects for Telephony in a Private Network (r2002)

Target Completion Date: 11/2007

Plenary Action Requested: For concurrence to issue an administrative ballot to reaffirm TSB-32-A

Plenary Action Taken: Unanimous approval.

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

- Future of TR41.4.

The group had a lengthy discussion regarding the future of the group since PN-3-0103 (TIA 1003) is the last project and is about to be finalized. The following suggestions for new work/projects were submitted for consideration:

- 1) Joint specifications with ETSI (including joint meetings) depending on the interest of TR41.4 members in current projects within ETSI
- 2) Joint specifications with ETSI (including joint meetings) depending on the interest of ETSI in the current proposed future projects within TR41.4
- 3) IP/PBX standard
- 4) Home Gateway standard – there appears to be a technical specification for this produced by Home Gateway Initiative (HGI) <http://www.homegatewayinitiative.org/> - this would need to be scoped to determine how a TIA standard would differ and what value a TIA standard would add
- 5) Unified Communications standard
- 6) PSTN IP/PBX Gateway standard
- 7) Intra-Enterprise IP standard
- 8) Name/Number Convergence standard – transition to user handles rather than using complex dial-plans
- 9) Video Endpoint standard
- 10) IP Emergency Call standard – this project was considered before, but never progressed (partly because the surround protocol/procedures were not finalized, but this will be resolved soon)
- 11) Maintenance of 811-A and 1057 – it is known that soon updates will be needed

The group determined that only number 5 (Unified Communications) could likely produce a viable project to interest companies enough to support the work by their members or entice new member activity. Hence, number 5 was taken deeper to flesh out what the project definition could encompass:

Unified Communications standard

- What it is: IP application platform
- Important functions/properties: voice, email/voicemail, presence, video, IM, mobility, ease of deployment (e.g., plug-and-play), conferencing, web meeting, gateway (interworks to existing applications/protocols)
- Would need to determine what work belongs in the TR41.4 scope because most (if not all) of the work is already in progress elsewhere

Contributions are needed to progress.

There were also numerous suggestions for changing the way TR41.4 works and the way TIA supports email, but those are all workable changes that can be resolved when/if interest is shown for moving forward on any of the proposed projects and TR41.4 remains active.

It is unclear if solicitation for contributions on any of the above eleven suggestions will result in any activity for November so the chair suggests scheduling only one day for the November meeting.

c. TR-41.7 – Environmental and Safety Considerations - Randy Ivans

Subcommittee TR-41.7 met on Thursday afternoon, August 16, 2007. Its 41.7.1 Working Group met on Thursday morning. The 41.7.5 Working Group did not meet.

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

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

Current Status: The document has been sent to UL. UL is working on their draft Outline of Investigation for the new certification requirements. They did not have it ready for review at this meeting, which is why the TR41.7.5 WG did not meet. They (UL) expect to have the document ready for the WG in September and the full WG will review the document at the November meeting.

It is expected that the WG may want to continue their work to address aspects of overcurrent protection that were not under the original scope of the current draft, such as outside plant applications. Should we keep the project open?

TR41.7.5 will be meeting in November and would like to meet at their usual time on Wednesday.

Target Completion Date: It is expected that the WG will finish its review of the document in November and provide any comments back to UL. No target date has been established for any continuing work the WG may want to undertake.

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

- TR41.7 discussed the 5-year cycle for TIA-631 – RF Immunity for telephones. The subcommittee indicated that the standard should remain active. However, it would be preferred not to expend resources in any major rewrite unless absolutely necessary. A simple reaffirmation would be preferred. The subcommittee will review the document and identify any editorial items and determine if it can be reaffirmed or what kind of work would be necessary to keep it viable. We would like to get statistics on the sales / use activity for this standard from the TIA.
- A while ago the subject of cellular or cordless phones interfering with GFICs was brought to our group for review. After inquiries and research, we have been unable to find any evidence of a problem. TR41.7 is dropping this as an item unless additional action is requested.

- TR41.7 will be holding elections for chairman and vice-chairman at the November meeting.
- TR41.7 would like to call attention to meeting conflicts for the November TR41 meetings. Thursday and Friday November 8-9, 2007 there is an IEC TC37 plenary meeting in Washington (Surge Protection Devices). Tuesday and Wednesday November 6-7, 2007 is the Verizon NEBS conference in Scottsdale, AZ. Some TR41.7 and its WG members have conflicts and will not be attending all of their regular meetings.

d. TR-41.9 – Terminal Attachment Programs – Roger Hunt (Vice-Chair)

Subcommittee TR-41.9 met on Tuesday, August 14, 2007. Its 41.9.1 Working Group met on Monday.

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

- SP-3-0016-AD5, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fifth Addendum to TIA-968-A)

Current Status: Complete.

Target Completion Date: Published May 2007. Adopted by ACTA July 25, 2007.

- SP-3-0016-RV2, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (to become ANSI/TIA-968-B)

Current Status: Ongoing.

Target Completion Date: 02/2008

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

Current Status: Complete. Document corrections requested by TIA Legal staff have been incorporated. Document will be submitted to TIA coordinator for publication on 8/20/2007

Target Completion Date: 08/2007

- PN-3-0014-UGRV2, Telecommunications – Telephone Terminal Equipment – Label Requirements (to become TIA-168-B)

Current Status: Ongoing. Draft document complete and ready for submission for ballot on August 20, 2007

Target Completion Date: August 2008.

Plenary Action Requested: TR41.9 requests concurrence from the TR41 Plenary to submit PN-3-0014-UGRV2 for committee ballot. Pending no negative ballot comments requiring a re-ballot, all other ballot comments are to be resolved by an interim conference call prior to the next scheduled TR41 meeting. TR41.9 further requests concurrence that the document be published by TIA and forwarded to the ACTA for adoption after completion of the ballot process.

Plenary Action Taken: Unanimous approval for submitting to ballot and for conditional publication.

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

Current Status: This is a living FAQ list. No changes or additions since last meeting.

Target Completion Date: N/A

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

- The TR41.9 Chair will confirm with the TIA standards coordinator on the request for temporary extension of TIA-968-A and –A1 until January 2009 to allow for completion and publication of TIA-968-B.

- Roger Hunt was elected by acclamation to fill the open position of Vice Chair of the TR41.9 subcommittee.

4. Liaison Reports

a. ATIS NIPP-NAI – Steve Whitesell

Steve indicated there were two requests at the May plenary for liaison letters to be sent over his signature to ATIS NIPP-NAI. The request from TR-41.3 was related to the ongoing discussion about impedance effects of DSL splitters and microfilters on sidetone transmission performance and Caller ID reception. It is document TR41-07-08-009. Steve also noted that TR-41.3 members had been invited to participate in an informal conference call with NIPP-NAI on the Thursday after Labor Day and at their meeting in Miami on the morning of September 26, 2007.

The second letter was requested by TR-41.9 and was intended to advise NIPP-NAI that Addendum 3 to TIA-968-A has the same requirements for SHDSL, HDSL2, and HDSL4 modems as those contained in T1.TRQ.6. Since this document has now reached ACTA mandatory status, TRQ.6 is no longer required and should be withdrawn. Steve indicated he was delinquent in sending this letter, but had done so on Wednesday night. It is available as TR41-07-08-010-L.

b. IEEE 802.11 and 802.19 – Steve Whitesell

No report except to note that Steve will not be attending their September meeting in Hawaii. They will be meeting in Atlanta the week after our November meeting.

5. Old business

a. Project Status Updates – Steve Whitesell

Steve indicated he would be coordinating the Project Status spreadsheet updates previously handled by Roger Britt until a new Vice-Chair is chosen. He mailed out the spreadsheet earlier in the week and had received updates from Jim Bress for 41.3 and from Roger Hunt for 41.9. He reminded Joanne McMillen and Randy Ivans to submit their updates or to send an email indicating there was no change if that was the case.

6. New Business

a. Industry Canada Fee Structure Order

The Committee was privileged to have Peter Chau, Industry Canada's Deputy Director, Telecommunications Engineering and Certification, present to discuss that Industry Canada Telecommunications and Radio Apparatus Fee Order that was signed by the Minister of Industry on August 13, 2007. The new order will be published in Canada Gazette Part I on September 1, 2007 and the repealing order for the old fee structure will be published in Canada Gazette Part II on September 5, 2007. The new fees will take effect on September 10, 2007. There will be a one-time fee for each new telephone product approved for Canada replacing the current practice of a per unit labeling fee. Christina Gallagher provided the following link to an advance copy of the new fee order and the repealing order on Industry Canada's strategis website:

<http://strategis.ic.gc.ca/epic/site/smt-gst.nsf/en/sf01751e.html>.

b. Election of Chair and Vice-Chair

Chair Steve Whitesell turned the meeting over to Stephanie Montgomery, TIA Director of Standards & Technology, to conduct the elections for Chair and Vice-Chair. She indicated she had received no nominations for either position. She asked if there were any nominations from the floor for the position of Chair. There were none. She then indicated that Steve Whitesell had indicated his willingness and management support to continue in the position, but that his doing so required waiving the term limit rules by a $\frac{3}{4}$ vote of the membership. This was done and Steve was elected to serve another two-year term by acclamation.

Stephanie then asked if there were any nominations from the floor for the position of Vice-Chair. Al Baum self-nominated and provided a letter of support from his management. Since there were no other candidates, Al was elected Vice-Chair by acclamation.

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of November 5-9, 2007 in Albuquerque. 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:

Embassy Suites
1000 Woodward Place NE
Albuquerque, NM 87102
Phone: 505 353 5364
Room Rate: \$140.00
Cut off date: October 14, 2007

b. Future Meetings

The scheduled dates for future TR-41 meetings are given below along with possible meeting locations.

Date	Location
February 4-8, 2008	Charleston, Savannah, Gulf Coast, Austin, Orange County
May 5-9, 2008	Seattle, Portland, Salt Lake, Nashville, Indianapolis, St Louis
August 4-8, 2008	Halifax, Quebec, Niagara Falls, Maritimes, Toronto
November 3-7, 2008	San Diego, Santa Fe, Orange County, Palm Springs

8. Adjournment

There being no further business, the meeting was adjourned at 9:42 am. This meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Stephen R Whitesell
Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for November 2007 Meeting in Albuquerque

Room				
MONDAY 0830 – 1230 5 Nov 2007	TR-41.3.3/IEEE STIT Digital Xmission Perf (Baum/Bareham – 20)	TR-41.9.1 Regulatory Criteria (Havens – 20)		
MONDAY 1330 – 1730 5 Nov 2007	TR-41.3.3/IEEE STIT Digital Xmission Perf (Baum/Bareham – 20)	TR-41.9.1 Regulatory Criteria (Havens – 20)		
MONDAY 1800 – 1930 5 Nov 2007		TR-41 Leadership User Premises Eqpmt (Whitesell – 20)		
TUESDAY 0830 – 1230 6 Nov 2007	TR-41.3.10/IEEE STIT Hands Free Telephones (Baum/Bareham – 20)	TR-41.9 Regulatory (Havens – 25)		
TUESDAY 1330 – 1730 6 Nov 2007	TR-41.3.10/IEEE STIT Hands Free Telephones (Baum/Bareham – 20)	TR-41.9 Regulatory (Havens – 25)		
TUESDAY 1900 - 2200 6 Nov 2007				
WEDNESDAY 0830 – 1230 7 Nov 2007	TR-41.3.11/IEEE STIT Headset Telephones (Woo/Bareham – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 15)	TR-41.4 VoIP Systems (McMillen – 15)	
WEDNESDAY 1330 – 1730 7 Nov 2007	TR-41.3.12 Telephone Ans Devices (Ray – 20)	TR-41.7.5 Overcurrent Protection (Lindquist – 15)	TR-41.4 VoIP Systems (McMillen – 15)	IEEE STIT (Bareham – 10)
WEDNESDAY 1900 – 2200 7 Nov 2007		Recognition Event		
THURSDAY 0830 – 1230 8 Nov 2007	TR-41.3.9 Cordless Telephones (Bress – 15)	TR-41.7.1 Int'l Safety Standards (Ivans – 15)		IEEE STIT (Bareham – 10)
THURSDAY 1330 – 1730 8 Nov 2007	TR-41.3 Wireline Terminals (Bress – 20)	TR-41.7 Environmental & Safety (Ivans – 15)		IEEE STIT (Bareham – 10)
THURSDAY 1900-2200 8 Nov 2007				
FRIDAY 0800 – 1030 9 Nov 2007	TR-41 Plenary User Premises Eqpmt (Whitesell – 20)			

**Appendix B
Document List**

<u>Number</u>	<u>Source</u>	<u>Description</u>
TR41-07-05-001-R1	Chair	Agenda for Ottawa Meeting
TR41-07-05-002	Chair	Document List
TR41-07-05-003	Secretary	St Petersburg Meeting Report
TR41-07-05-004-M	Chair	Attendance Spreadsheet
TR41-07-05-005-MR3	Bress	TR-41.3 Chair's Report
TR41-07-05-006-MR1	McMillen	TR-41.4 Chair's Report
TR41-07-05-007-M	Ivans	TR-41.7 Chair's Report
TR41-07-05-008-MR1	Hunt	TR-41.9 Chair's Report
TR41-07-05-009	Chair	Liaison Letter on ADSL Splitter Impedance to ATIS NIPP-NAI
TR41-07-08-010-L	Chair	Liaison Letter on Withdrawing TRQ.6 to NIPP-NAI