

Approved by General Counsel

TR-41 Meeting Report Date: 08/18/06 Location: Montreal, Canada

> Approved: 10/18/06 **T# 10290**



The Telecommunications Industry Association represents the communications sector of 🖉

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: Phillip Havens Date: August 18, 2006 Venue: Hilton Bonaventure City: Montreal

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 13 of 14 voting member companies represented. Since this was the third consecutive meeting at which Company Name was not represented, it was removed from the quorum list prior to the determination of quorum. Another Company has now attended two consecutive meetings. It was given voting rights following the establishment of quorum and added to the quorum list for the next meeting.

1) Quorum Members or Alternates Present

Alcatel – Arnaud Vergnol AST – James Bress Avaya – Joanne McMillen Cisco – Kirit Patel Embarq – Amar Ray Littelfuse – Phillip Havens Mitel – Greg Slingerland

2) Quorum Members Absent

Telcordia – Chrys Chrysanthou

3) Others Present

Avaya – Joachim Pomy Cisco – Tim Lawler Industry Canada – Christina Gallagher Nortel – Roger Britt Plantronics – Allen Woo Thomson – Roger Hunt UL – Randy Ivans Uniden – Al Baum VTech – Steve Whitesell

Industry Canada – Matthew Mulvhill Infineon – Neal King

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 subelement 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 submitted for review and approved without changes.

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. 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

The Chair informed the group that the Houston meeting will be collocated with TR-42 and FO-4. There will be two joint sessions between TR-41.7 and appropriate group(s) from TR-42 to discuss the future status of J-STD-607-A on commercial building bonding and grounding. They are tentatively scheduled for 5:00 to 6:00 pm on Tuesday and 7:00 to 8:00 pm on Thursday.

g. TIA Staff Remarks

There were no TIA Staff Members present. Henry Cuschieri had attended the meeting earlier in the week.

2. Previous Meeting Report

The report of the previous meeting was reviewed. It was noted that Roger Hunt was incorrectly listed as being associated with Atlinks; it should read Thomson. The previous meeting report was approved with this 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 – Joachim Pomy (acting)

Subcommittee TR-41.1 met on Thursday morning, August 17, 2006.

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

 PN-3-0191, Analog Telephone Port Requirements for Packet-Based Terminal Adapters (to be published as ANSI/TIA-1063)

Current Status: Document has been submitted for ballot, ending September 15, 2006; currently three ballots have been returned as approved, one ballot has been returned as "approve with comment" (this comment has been resolved during this meeting) and 23 ballots are not yet returned.

Target Completion Date: 08/2006

Plenary Action Requested: TR-41.1 requests plenary concurrence for the following:

- to send ANSI/TIA-1063 for publication, including the comment resolution approved at this meeting, after the end of the ballot period, conditional that all further ballots will be returned as "approve", or

- to hold a WebEx Teleconference Meeting on October 2nd, 2006, 11 am EST, conditional that all further ballots will be either returned as "approve" or as "approve with comment", in order to resolve the comments and, conditional that only editorial changes will be required to resolve such comments, to send ANSI/TIA-1063 for publication after such WebEx Teleconference.

Plenary Action Taken: Unanimously agreed.

Additional Information: TR-41.1 would like to provide the following additional information.

 TR-41.1 has approved to transfer this subcommittee into an inactive state, conditional that any open items of business shall be dealt with either in TR-41.3 (eg. ANSI/TIA-1063) or in TR-41.4 (eg ANSI/TIA-464-C). The TR-41.1 meeting report for this meeting will be subject to plenary approval at the following meeting (Las Vegas 11/2006).

Plenary Action Requested: For concurrence.

Plenary Action Taken: Unanimously agreed.

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

Subcommittee TR-41.3 met on Thursday afternoon, August 17, 2006. Its various working groups met from Monday through Wednesday.

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: This project on hold until other projects requiring the same resources are completed.

Target Completion Date: 11/2007

• PN-3-0219, Measurement Procedures and Performance Requirements for Handset Generated In-Band Magnetic Noise (to become TIA-1083)

Current Status: Contributions and ballot comments were reviewed and discussed during the TR-41.3.9 WG meeting on Wednesday morning and continued during the TR-41.3 meeting Thursday afternoon. A significant contribution by Linda Kozma-Spytek from Gallaudet University regarding hearing aid magnetic signal coupling was reviewed. Much of the information provided was based on subjective data obtained from testing with 57 people who use hearing aids, including 26 at the July 2006 HLAA convention. Objective measurements of hearing aid magnetic coupling orientation were also presented.

The TIA-1083 ballot comments were reviewed with significant input from comments by Steve Julstrom from Etymotic Research, a specialized audio equipment manufacturer and research company. The TIA-1083 standard is being revised based on the comment resolution results. An interim TR-41.3 meeting is planned for September 7 at 11:00AM EST to review the revised document and potentially vote to send the document for an industry (ANSI) ballot.

Target Completion Date: 11/2006

Plenary Action Requested: TR-41.3 requests concurrence to have an interim meeting (even though concurrence is not required).

Plenary Action Taken: Unanimously agreed.

 PN-3-4350.110-AD1, Addendum 1 to Handset Acoustic Performance Requirements for Analog Telephones (to become TIA-470.110-C-1)

Current Status: Al Baum, from Uniden, presented a contribution regarding problems using ERP (Ear Reference Point) as the standard for measuring handset acoustics with a HATS (Head And Torso Simulator). The information presented showed using ERP yields unreliable results between different HATS systems. The proposal to specify using a 10N force instead of ERP was accepted to be added to the TIA-470.110C-1 addendum. The addendum already had information regarding the correct specification of the ITU P.57 type 3.3 pinna to be used for HATS testing. TR-41.3 voted to send the updated document for industry (ANSI) ballot.

Target Completion Date: 11/2006

Plenary Action Requested: TR-41.3 requests concurrence to send TIA-470.110-C-1 for industry (ANSI) ballot.

Plenary Action Taken: Unanimously agreed.

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

Current Status: Contributions were reviewed and progress is being made on this standard. There is consideration to change the naming to "speakerphone" from "handsfree" in line with the current direction of ITU. It is expected there will be significant new focus on this standard because IEEE-1329 is now starting to be revised.

Target Completion Date: 05/2007

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

Current Status: A presentation was made from research performed by University of Hartford students regarding the issues of the integrity (i.e., correlation to real people) of send speech signals when the device under test's microphone is behind the front plane of the HATS mouth for different HATS systems. The study's results showed differences between the different HATS systems studied.

The TIA-470.130 document was updated. Editorial changes will be completed and the document will be submitted to the TR-41.3 chair. TR-41.3 voted to send the document for committee ballot.

Target Completion Date: 02/2007

Plenary Action Requested: TR-41.3 requests concurrence to send TIA-470.130 for committee ballot.

Plenary Action Taken: Unanimously agreed.

 PN-3-4350.210-AD1, Addendum 1 to Resistance and Impedance Performance Requirements for Analog Telephones (to become TIA-470.210-C-1)

Current Status: This is an addendum to TIA-470.210-C to address longitudinal balance performance requirements. This document was previously balloted and completed. TR-41.3 voted to publish this document.

Target Completion Date: 09/2006

Plenary Action Requested: TR-41.3 requests concurrence to publish TIA-470.210-C-1.

Plenary Action Taken: Unanimously agreed.

 PN-3-4350.320-RV3, Cordless Telephone Performance Requirements (to become TIA-470.320) Current Status: This document was previously approved for publication. The TR-41.3 chair will investigate the status of this standard.

Target Completion Date: 05/2006

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

Current Status: Several contributions were reviewed and many technical parameters were agreed for the standard. There was significant discussion regarding the applicability of ITU P.862 PESQ as a tool for assessing the speech quality of answering machine outgoing and incoming messages.

Target Completion Date: 02/2008

 PN-3-4353-RV2-B, Transmission Requirements for Narrowband Digital Telephones (to become TIA-810-B)

Current Status: The second re-ballot closed for this document with 2 abstain, 13 approve, 1 no, 7 not returned. In addition, 2 ANSI no votes were submitted. The ANSI ballot does not close until August 21. The ballot comments were addressed during the TR-41.3.3 meeting and all of the technical issues were resolved.

Target Completion Date: 11/2006

Plenary Action Requested: Request approval to send SP-3-4353-RV2-B (ANSI/TIA-810-B) out for Industry default ballot and if the default ballot is successful to send SP-3-4353-RV2-B out for publication subject to any final editorial cleanup.

Plenary Action Taken: Unanimously agreed, subject to the condition that the ANSI ballot closes with no further inputs.

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

Current Status: Work in progress.

Target Completion Date: 02/2008

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

- TR-41.1 voted to go inactive and move the TIA-1063 (terminal adapter) work to TR-41.3. The following votes were held and approved:
 - 1. Tentatively start a new WG for TIA-1063 if required to resolve ballot comments and perform document editing. The new working group would be TR-41.3.14.
 - 2. Accept the TIA-1063 project into TR-41.3 for the purposes of future voting required for ballots and/or publications, and document maintenance.
 - 3. Hold a TR-41.3 WebEx meeting, if required, to resolve TIA-1063 ballot comments and possibly vote to publish the document. Date for this meeting is TBD.
- Al Baum, from Uniden, was elected the TR-41.3 Vice-Chair.

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

Subcommittee TR-41.4 met on Tuesday and Wednesday, August 15 & 16, 2006.

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

• PN-3-0061, IP Telephony Security Framework (to become new TSB)

Current Status: The subcommittee is still looking for an editor. There are a few options available so the project will remain open for at least one more session.

Target Completion Date: 05/2007

 PN-3-0102, Requirements for a Wireless LAN Based IP Telephony Subsystem (to become TIA-1002)

Current Status: This work is on hold pending completion of PN-3-0103 (TIA-1003).

Target Completion Date: 05/2007

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

Current Status: There was a lot of discussion and numerous changes were made. The editor will provide an updated version within two weeks and the group will be given two weeks to make editorial comments to be incorporated before sending the final draft for committee ballot.

Target Completion Date: 11/2006

Plenary Action Requested: For concurrence to send PN-3-0103 out for committee ballot.

Plenary Action Taken: Unanimously agreed.

 PN-3-0202, Technical Assessment of Synchronization Methods in IP Networks from a Quality of Experience Perspective

Current Status: The final draft was presented and discussed. The editor will make changes based on commentary and will provide a new version for committee ballot.

Target Completion Date: 11/2006

Plenary Action Requested: For concurrence to send PN-3-0202 out for committee ballot.

Plenary Action Taken: Unanimously agreed.

 PN-3-4726-RV1, Location Identification and Callback Procedures for IP Terminals (to become TSB-146-A)

Current Status: The TR41 administrative ballot for publication was positive so the document will be sent to TIA for publication.

Target Completion Date: 08/2006

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

• Liaison from ATIS ESIF regarding emergency calling:

The subcommittee agreed to send a liaison response to ATIS ESIF requesting a liaison relationship and access to the documents in process for comments.

 Liaison from ATIS PTSC regarding SIP device and Enterprise Network profiles for interoperability:

The subcommittee agreed to send a liaison response to ATIS PTSC discussing areas of concern and requesting a liaison relationship to assist with the profiles going forward.

• Liaison from NENA regarding emergency calling:

This liaison was received late Tuesday afternoon accompanied by three documents. The group did not have a chance to read the documents and agreed to send a liaison response indicating that the documents would be discussed at the November meeting.

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

Subcommittee TR-41.7 met on Thursday afternoon, August 17, 2006. Its 41.7.4 Working Group met on Monday morning, its 41.7.5 Working Group met on Wednesday, and its 41.7.1 Working Group met on Thursday morning.

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

• PN-3-3283-RV2, Environmental Considerations (to become TIA-571-B)

Current Status:

The last ballot resulted in a negative vote that required a technical change to resolve. The document will therefore require another default ballot before being considered for publication. A motion was made, seconded and accepted in TR41.7 to give conditional approval to release the document for publication if the there are no negative votes or comments that would require a technical change after the WG reviews the results of the current ballot.

Target Completion Date:11/2006

Plenary Action Requested: TR41.7 requests concurrence for the conditional release of the document for publication under the above conditions.

Plenary Action Taken: Unanimously agreed.

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

Current Status: The WG considered some new contributions for electronic circuit protectors and editorial revisions. The WG decided to include appropriate revisions from the new issue of GR-1089. The issue of circuit protector performance at temperature extremes and after temperature extreme exposure took most of the afternoon and will require some rewriting of the section dealing with this. Otherwise the document is progressing nicely.

Target Completion Date: 02/2007. We are extending the completion date from 11/2006 to be able to consider the new requirements in GR-1089 Issue 4 and to allow for the delays associated with the temperature extreme discussions and their resolutions.

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

- TR41.7.1 discussed the applicability of acoustic limits to gaming or entertainment devices that provide communication capabilities between users at remote locations. For example, via a wireless headset through a gaming device connected to the Internet. It was generally agreed that the acoustic limits should apply. This would fit into the existing requirements since the source can be remote and out of the control of the user and the communications can take place over the telecom network.
- TR41.7 continues to monitor power supply energy efficiency requirements coming out of California and Oregon. California requirements are delayed until January 2007 for cell phone chargers and July 2007 for wireline telephone devices. Tier two requirements for all devices take effect July 2008. The Oregon law has been passed and has an effective date of January 2007. Most low cost plug-in power supplies will not comply with the requirements due to inherent design limitations.

e. TR-41.9 – Terminal Attachment Programs – Greg Slingerland

Subcommittee TR-41.9 met on Tuesday, August 15, 2006. Its 41.9.2 Working Group met on Monday afternoon.

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

• SP-3-0016-AD4, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (Fourth Addendum to TIA-968-A)

Current Status: Ballot of this document closed just prior to this meeting. We received 1 set of comments but all responses were positive. We resolved the comments to the satisfaction of the submitter and as a result approved sending TIA-968-A-4 for publication.

Target Completion Date: 08/2006

Plenary Action Requested: TR41.9 seeks TR41's concurrence in sending TIA-968-A-4 out for publication.

Plenary Action Taken: Unanimously agreed.

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

Current Status: We saw the first assembled draft of this document at this meeting. It comprised the published TIA-968-A plus its four addenda. We also received several submissions for this meeting proposing changes to the draft. We did our best to address the submissions but in the end decided to reopen TR41.9.1 to work on the draft and these submissions (plus those that are likely in the future). Roger Hunt, Thompson was appointed as its chair and Phillip Havens, Littelfuse has offered to be its EDC. The chair will ask TIA to create a TR41.9.1 FTP site, and provide links to it from the TIA Web page.

Target Completion Date: 08/2007

 SP-3-0235, Connector Requirements and Test Methods for Gold and Gold Equivalence as Described in TIA-968 (to become ANSI/TIA-1096)

Current Status: Project complete.

Target Completion Date: Published August 2006.

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

Current Status: Ballot of this document closed just prior to this meeting. We received 3 ballots of comments with one of them part of a disapprove ballot. All other ballot responses were approve. We resolved the comments to the satisfaction of the submitters and as a result TSB-31-C needs to go out for a default ballot. We also agreed to send this document for publication conditional on the default ballot responses being positive.

Target Completion Date: 08/2006

Plenary Action Requested: TR41.9 seeks TR41's concurrence in sending TSB-31-C, with changes resulting from ballot resolution, out for default ballot and for sending TSB-31-C for publication conditional on receiving positive ballot responses.

Plenary Action Taken: Unanimously agreed.

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

Current Status: No changes to this at this meeting.

Target Completion Date: N/A

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

- TR41.9 has decided to close working group TR41.9.2 on Test Methods at this time since the work of TSB-31-C is mostly complete. There may be comments from the default ballot but no comments are likely. If there are comments on the default ballot of TSB-31-C they will be dealt with in TR41.9.
- TR41.9 at the previous meeting decided to not include our test builder function with the test
 matrix in the balloted version of TSB-31-C to allow us the flexibility to change it quickly. At
 this meeting we decided to ask TIA to post the matrix with the test list builder function on the
 TR41 Web page next to the FAQ. We are also going to ask the ACTA to provide a link to this
 document on its Web Site to assist the telecom industry determine what tests are needed.

4. Liaison Reports

a. IEEE 802.11/19 – Steve Whitesell

Steve reported he had delivered the liaison message from TR-41.4 to IEEE 802.11 at its May meeting. A reply was received by TR-41.4 indicating 802.11 Task Group U (TGu) had agreed it would consider the liaison further at its July meeting and provide an additional response. Such a liaison response was prepared at the July 802.11 meeting, but it was not officially approved and sent because of a technicality. A further response is expected following their September meeting.

b. ATIS Packet Technologies and Systems Committee (PTSC) – Joanne McMillen

Covered under TR-41.4 subcommittee report.

5. Old business

Project Status Spreadsheet is up-to-date as a result of action taken during the meetings this week.

6. New Business

TR-41.1 has only one open work item. Therefore, it has recommended that TR-41.1 be moved to inactive status, with its former work responsibilities going to TR-41.3 and TR-41.4, as appropriate. A motion to do so was made by Joachim Pomy of Avaya and seconded by Al Baum of Uniden. Discussion followed and a vote was taken. There was unanimous approval.

7. Meeting Schedules

a. Next Meeting

The next meeting will be held the week of Nov 6, 2006 in Las Vegas. The preliminary meeting schedule for the various TR-41 subcommittees and working groups is given in Appendix A. The IEEE Subcommittee on Telephone Instrument Testing (STIT) is expected to collocate with us. The details for the meeting hotel are as follows:

Embassy Suites 4315 Swenson Street Las Vegas, NV 89119 Tel: 702-795-2800 Fax: 702-795-1520 Rate: \$149 single / double; \$159 triple / quad Cutoff: October 15, 2006

b. Future Meetings

The schedule for future TR-41 meetings is given below.

Date

Feb 5-9, 2007 May 7-11, 2007 or April 30-May 4 Aug 13-17, 2007 Nov 5-9, 2007 Location Houston, TX (FO-4 & TR42) Florida (St. Augustine) Banff/Calgary, Victoria, Vancouver Southwest

8. Adjournment

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

Phillip Havens Secretary, TR-41 Stephen R Whitesell Chair, TR-41

Appendix A
Tentative TR-41 Meeting Schedule for November 2006 Meeting in Las Vegas

Room				
MONDAY	TR-41.3.3	TR-41.9.1		
0830 – 1230	Digital Xmission Perf	Regulatory Criteria		
6 Nov 2006	(Britt – 20)	(Hunt – 20)		
MONDAY	TR-41.3.3	TR-41.9.1		
1330 – 1730	Digital Xmission Perf	Regulatory Criteria		
6 Nov 2006	(Britt – 20)	(Hunt – 20)		
MONDAY	TR-41 Leadership			
1800 – 1930	User Premises Eqpmt			
6 Nov 2006	(Whitesell – 20)			
TUESDAY	TR-41.3.11	TR-41.9	TR-41.4	
0830 – 1230	Headset Telephones	Regulatory	VoIP Systems	
7 Nov 2006	(Woo – 20)	(Slingerland – 20)	(McMillen – 20)	
TUESDAY	TR-41.3.10	TR-41.9	TR-41.4	
1330 – 1730	Hands Free Telephones	Regulatory	VoIP Systems	
7 Nov 2006	(Baum – 20)	(Slingerland – 20)	(McMillen – 20)	
TUESDAY				
1930 – 2200				
7 Nov 2006				
WEDNESDA	TR-41.3.12	TR-41.7.5	TR-41.4	IEEE STIT
Y	Telephone Ans Devices	Overcurrent Protection	VoIP Systems	Telephony Testing
0830 – 1230	(Ray – 15)	(Lindquist – 15)	(McMillen – 20)	(Bareham – 10)
8 Nov 2006				
WEDNESDA	TR-41.3 Ad Hoc	TR-41.7.5	TR-41.4	IEEE STIT
Y	Analog Term Adapter	Overcurrent Protection	VoIP Systems	Telephony Testing
1330 – 1730	(Bress –15)	(Lindquist – 15)	(McMillen – 20)	(Bareham – 10)
8 Nov 2006				
WEDNESDAY				
1930 – 2200				
8 Nov 2006				
THURSDAY	TR-41.3.9	TR-41.7.1		IEEE STIT
0830 - 1230	Cordless Telephones	Int'l Safety Standards		Telephony Testing
9 Nov 2006	(Bress – 20)	(Ivans – 15)		(Bareham – 10)
THURSDAY	TR-41.3	TR-41.7		IEEE STIT
1330 – 1730	Wireline Terminals	Environmental & Safety		Telephony Testing
9 Nov 2006	(Bress – 20)	(Ivans – 15)		(Bareham – 10)
THURSDAY				
1930 – 2200				
9 Nov 2006				
FRIDAY	TD 41 Disperse			
0800 – 1030	TR-41 Plenary User Premises Eqpmt			
10 Nov 2006	(Whitesell – 20)			
10 NOV 2006	(willesen – 20)			

Appendix B Document List

Source	Description
Chair	Agenda for San Jose Meeting
Chair	Document List
Secretary	Palm Springs Meeting Report
Chair	Attendance Spreadsheet
Pomy	TR-41.1 Chair's Report
Bress	TR-41.3 Chair's Report
McMillen	TR-41.4 Chair's Report
vans	TR-41.7 Chair's Report
vans	TR-41.7 Chair's Report
Slingerland	TR-41.9 Chair's Report
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