

TR-42.7 Agenda

Organization: ANSI Accredited Engineering Committee TIA TR-42.7
Telecommunications Copper Cabling Systems

Date: June 13-14, 2017

Time: Tuesday, 8:00am – 6:00pm (June 13th)
Wednesday, 8:00am – 11:45 am (June 14th)

MEETING LOCATION

Four Points by Sheraton Quebec Resort

7900 Rue du Marigot
Quebec City, Quebec, Canada G1G 6T8
418-627-8008
<http://www.fourpointsquebec.com>

HOTEL RESERVATIONS

Deadline: May 15, 2017 (or when room block sells out, whichever occurs first)

Single/Double Occupancy: \$159

Phone Reservations

- **Phone Reservations:** 1-418-627-8008
- **Group Code:** TIF10

Online Reservations

- **Go to:** <https://www.starwoodmeeting.com/Book/tiameetingEN>

Chair: Wayne Larsen – CommScope (972) 792-3149

Vice-Chair: Sterling Vaden – Vaden Enterprises – 828-712-3482

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1 ADMINISTRATIVE

1.1 Call to order

Meeting code
(this code works Tuesday and Wednesday)
www.tiaonline.org/standards/committees/rosters/

1.2 Attendance (call quorum, introductions, announce web registration code)

1.3 Intellectual Property Rights Policy

1.4 "TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of this document. Participants in the work of the TIA Formulating Groups are urged to review the appropriate sections. Individual participants are encouraged to

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1.5 Chair's Report

1.6 Agenda review and approval (TR-42.7-2017-06-036a)

036a 10-14-16 Agenda for meeting of June 13-14 Wayne Larsen

1.7 Meeting report review and approval (TR42.7-2017-06-037)

037 10-14-16 Minutes from meeting of February 6-7 Wayne Larsen

1.8 Distribution of documents and contributions

(Contributions left in this place in the agenda do not need to be reviewed during this meeting.)

1.9 Review of incoming liaison letters, reports, and requests

1.10 Review of action items

Item	Task group name or owner	Task group membership or task description	Completion Date
1	New Annex C TG	Wayne Larsen Chair, Antoine Pelletier, Brian Ceella, Derrick Stikeleather, James Withey, Masood Shariff, Sterling Vaden, Theodore Brillhart, Jeff Poulsen, Mike Good, Rich Marowsky, Shadi Abughazaleh, Dan Payerle, Simon Harrison, Frank Straka, Dave Hess, Chris Diminico, Paul Vanderlaan, Naved Khan, Al Greiner, Dave Jeskey, Phil Rivers	<p>Work is ongoing.</p> <p>Action items: Consolidation of annexes C and D and F of 568.2-D (complete)</p> <p>Several more meetings were held. Annex review was completed. Draft is ready for 42.7 review and re-insertion into 568.2-D draft.</p> <p>Meeting to be held on pcord testing March 2 11 eastern</p> <p>Meetings were held on March 2, April 6, and April 20.</p> <p>Recommendation for patch cord testing was developed.</p>

2	Brian Celella	Brian will monitor and report international standards for Class II.	Work is ongoing. Report expected again in February 2017. This action item is complete since no technical changes have been made since the last report.
3	TIA 1152A Category 8 TG	James Withey, Chris Diminico co-chairs Simon Harrison, Antoine Pelletier, Derrick Stikeleather,	Work is ongoing. Action – need more samples of cat 8 channels, or links or whatever we are prepared to give. Action – Provide NEXTcd and FEXTcd NEXTcc and FEXTcc on links and channels. Satisfied since 1152-A has been published.
4	ALSNR simplification TG	James Withey leader, Chris Diminico, Brian Celella, Ron Tellas, Dave Hess, Dan Payerle, Masood Shariff, Sterling Vaden, Simon Harrison	To investigate simplified alternatives to the procedure in 7.5 in particular related to the permutations. Two meetings were held. This TG has completed its work and made a verbal report.
5	Plug on end testing TG	Ron Tellas Chair, Wayne, Sterling, Brian Celella, Jim, Andy, Simon, Al, Antoine, Derrick, Frank	Ron to arrange teleconference meeting. Several meetings were held. 020a contains proposed draft annex to resolve this issue. Complete
6	Dave	Provide draft of 60512-99-002 CD3	Incomplete Revised to CD3. Dave Hess has provided a copy to Sterling and Wayne.

7	Wayne Larsen, Henry Frank, Bob Lounsbury	Single pair TG	Several meetings were held. TG would benefit from further instructions from SCs. to motion in plenary to request a meeting during the next Plenary for 2 hours of this JTG. Research connectors. This JTG has had several meetings.
8	Wayne, Ray	PAR and ballot for ANSI/TIA-568.4-D	Complete.
9	Wayne, Jim	Publication of ANSI/TIA-1152-A	Complete.
10	Wayne, Jim	Liaise ANSI/TIA-1152-A to IEC TC46 WG9	Complete.
11	Wayne, Sterling	Ballots for TIA-TSB-184-A, TIA-TSB-5021, ANSI/TIA-568.2-D	Complete.
12	Ron (Masood to help)	Produce a press release and video to announce the publication of TSB-184-A	
13	High temp study TG	Paul leader, Dave Hess, Jeff, Roy, Bob, Mark, Randy, Ron, Trent, Brian C., Brad, Antoine	Examine and gain insight on the electrical performance levels of all categories of cabling above 60 C Mtg Thursday 2/16 11-1 eastern
14	28 AWG TG	Frank leader, Ron, Dave Hess, Antoine, Brian, Jim, Chris, Mike Borgman, Naved, Trent, Brian C., Dave J., Jim W., Rich, Jim R., Sterling	Mtg Tuesday, 3/7, 11-1 eastern Mtg Tuesday, 4/4, 11-1 eastern Mtg Tuesday, 5/2, 11-1 eastern
15	George	Write liaison letter to IEEE on 1-pair connector choice. To be proposed in Plenary.	complete
16	Wayne, Ron	Submit TSB-184-A for publication	complete
17	Wayne, Sterling	Submit 1183-A for publication	complete
18	Ray	Circulate 2 nd industry ballot for ANSI/TIA-568.4-D	complete
19	Sterling, Wayne	Circulate 1 st committee ballot for ANSI/TIA-568.2-D	complete
20	Wayne	Liaise TSB-184-A to NFPA	complete

2 OLD BUSINESS

- 2.1 ANSI/TIA-568.4-D, revision of ANSI/TIA-568-C.4
 - Possible comment resolutions
 - Possible vote to circulate 3rd industry ballot
 - Possible vote to circulate default ballot
 - Possible vote to publish
- 2.2 Report from task group on high temperature cabling
- 2.3 Report from task group on 28 AWG cable for patch cords
- 2.4 Report from task group on patch cord testing
- 2.5 568-2-D revision of 568-C.2 to include new material in C.2-1 and C.2-2
 - Expect to review output of measurement annex TG
 - Expect to review comments on 1st committee ballot
 - Possible vote to circulate 2nd committee ballot
 - Possible vote to circulate industry ballot
- 2.6 Report from joint task group on 1-pair cabling
- 2.7 1183-A revision of 1183 to include new material in 1183-1 (This has been published, so no action is required.)
- 2.8 TSB-184-A (support for 4-pair power) (This has been published, so no action is required.)

3 NEW BUSINESS

- 3.1 Output documents and letters
 - 3.1.1 Consider a liaison to IEEE on 1-pair cabling, containing both information and questions
 - 3.1.2 Consider liaison to NEC NFPA panel 16 concerning power distribution
 - 3.1.3 Consider any draft documents to liaise to any other SDOs
 - 3.1.4 Consider any other output documents
- 3.2 Review of potential new work items
 - 3.2.1 Consider a project to develop channel and component requirements for a 1-pair cabling system
Expect report from the joint task group of 42.1, 42.7, and 42.9, on this subject
- 3.3 Review of action items
- 3.4 Determination of future meeting dates

4 FUTURE MEETING DATES AND SCHEDULE

September 18-22, 2017: Las Vegas RIO All Suite Hotel and Casino
Jan 29 – Feb 2, 2018, probably in Florida
June 4-8, 2018, tentative
October 1-5, 2018, tentative

5 ACKNOWLEDGEMENTS

6 ADJOURNMENT

AVAILABILITY OF MEETING DOCUMENTS:

All meeting attendees are instructed to download contributions and other meeting documents from the TIA TR-42.7 FTP site (<http://ftp.tiaonline.org/TR-42.7/>) before the meeting. For information on how to access the FTP site, contact TIA (Stephanie Montgomery: smontgomery@tiaonline.org).

NEW CONTRIBUTIONS:

Contributions shall use the approved templates and specific wording provided by TIA. Contributions affecting a document are to include a TIA cover sheet, proposed text to be included in the document, and the rationale/substantiation for the contribution. File templates are available on the TR42 FTP site for download. All contributions shall be submitted to Valerie Maguire (the EDC) at valerie_maguire@siemon.com and copied to the chair and vice-chair. All electronic files shall be provided in either Adobe Acrobat (*.PDF); Microsoft Word (*.DOC); Microsoft PowerPoint (*.PPT); or in Microsoft Excel (*.XLS). Compressed files shall be accessible using PKUNZIP or WINZIP (*.ZIP).

All contributions shall be sent to the EDC for posting on appropriate location on the TIA FTP site no later than 12:00 am AOE on the Thursday preceding the week of the meeting in which the contribution is to be considered (example: if the meeting will be held on Thursday the 28th, the contributions shall be sent by midnight on Thursday the 21st).

LATE CONTRIBUTIONS:

Contributions not posted as described in the timing above shall be classified as "late contributions." They may be considered in the meeting to which they are addressed provided that an appropriate motion receives 50% or greater of a vote.

All late contributions shall be provided to the EDC and to the committee members on a memory stick or CD-ROM along with sufficient paper copies for those members without a PC.

All late contributions shall be posted to the TIA FTP site no later than one week following the meeting in which they are considered. Notification of the posting shall be made to the group's email reflector list by the EDC.

Questions and Comments concerning this agenda should be submitted to:

Chair: Wayne Larsen	Ph: (972)-792-3149	E: wlarsen@commscope.com
Vice-chair: Sterling Vaden	Ph: (828)-712-3482	E: sterlingv@charter.net

Document	Title	Date of Revision	Current Status
ANSI/TIA-1183-A	Measurement methods and test fixtures for balun-less measurements of balanced 2 components and systems	2017	Complete, published
ANSI/TIA-568.4-D	Broadband Coaxial Cabling and Components Standard		Revision of '568-C.4. Being balloted.
TSB-184-A	Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling	2017	Complete, published
ANSI/TIA-568.2-D	Balanced Twisted-Pair Telecommunications Cabling and Components Standard		Revision and incorporation of '568-C.2, '-C.2-1, and 'C-2.2. Being balloted.
TSB-5021	Guidelines for the Use of Installed Category 5e and Category 6 Cabling to Support 2.5GBASE-T and 5GBASE-T	2016	Complete, published
TSB-5019	High Performance Structured Cabling Use Cases for Data Centers and Other Premises	2015	Complete, published
TSB-155-A	Guidelines for the Assessment and Mitigation of Installed Category 6 Cabling to Support 10GBASE-T	2014 (Re-affirmed)	Complete, published
TSB-5008	Mechanically-Generated Cable Impulse Noise Detection and Characterization	2014	Complete, published
TSB-1197	Mode Conversion Parameters for Balanced Twisted Pair Cabling	2014	Complete, published