



## Meeting Notice & Agenda

### TR-42.7 Agenda

Organization: ANSI Accredited Engineering Committee TIA TR-42.7

Telecommunications Copper Cabling Systems

Date: Thursday, February 2, 2023, 8:00 am – 6:00 pm eastern time

Meeting Location: This meeting will be both face-to-face and on the web, both options listed below

Face-to-face:

#### Hilton Tampa Airport Westshore

2225 N Lois Ave.

Tampa, FL 33607

Web: <https://attendee.gotowebinar.com/register/8274379580159954188>

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Chair:	Wayne Larsen	CommScope	214-587-3970
Vice-Chair:	Brian Celella	The Siemon Company	860-952-3341

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**TIA is actively seeking participation in TR-42.7 standards projects from the user and general interest communities.**

### 1 ADMINISTRATIVE

#### 1.1 Call to order

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

#### 1.3 Intellectual Property Rights Policy

"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 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, including requirements introduced through normative references, early on in the 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 a TIA Patent Holder Statement 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."

#### 1.5 Elections

#### 1.6 Chair's Report

#### 1.7 Agenda review and approval (TR-42.7-2023-01-001)

001	01-15-23	Agenda for meeting of February	Wayne Larsen
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#### 1.8 Meeting report review and approval (TR42.7-2023-01-002)

002	10-10-22	Minutes from meeting of October	Wayne Larsen
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#### 1.9 Distribution of documents and contributions

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

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### 1.10 Review of incoming liaison letters, reports, and requests

### 1.11 Review of action items

Item	Task group name or owner	Task group membership or task description	Completion Date
1	Test methods TG Derrick Stikeleather leader	Solve the problem of the grounding of the remote end	Samples being sought to study UTP 1-pr.  June 2022 - Waiting on UTP SPE cable samples Oct 2022 still waiting on samples
2	Bob Voss	Lead TG on single-pair measurement methods	Oct 2022 – Held a few meetings. Will continue
3	Ray/Wayne	Circulate industry ballot for ANSI/TIA-568.5-1	Complete
4	Wayne	Circulate default ballot for ANSI/TIA-1183-B	Complete
5	Sean/Wayne	Contribute draft for ANSI/TIA-568.2-E	
6	Wayne	Submit PAR for ANSI/TIA-568.2-E	Complete
7	Ray/Wayne	Circulate committee ballot for TIA-184-A-2	Complete

## 2 OLD BUSINESS

### 2.1 ANSI/TIA-1183-B, Measurement methods and test fixtures for balun-less measurements of balanced components and systems

*Expect to review comments on default ballot*

- *Possible vote to circulate 2nd default ballot*
- *Possible vote to publish*

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2.2 Consider addendum TSB-184-A-2 for Guidance for supporting power delivery over single-pair  
(To include thermal performance)

- *Expect to review comments on 2nd committee ballot*
- *Possible vote to circulate 3rd committee ballot*
- *Possible vote to circulate default ballot*
- *Possible vote to publish*

2.3 ANSI/TIA-568.5-1 standard for 1-pair cabling – Addendum 1, correcting certain errors

- *Expect to review comments on 2nd industry ballot*
- *Possible vote to circulate 3rd industry ballot*
- *Possible vote to circulate default ballot*
- *Possible vote to publish*

2.4 Consider draft for ANSI/TIA-568.2-E, Balanced Twisted-Pair Telecommunications Cabling and Components Standard

2.5 Consider revision, re-affirmation, or withdrawal, of TSB-190, Guidelines on Shared Pathways and Shared Sheaths

2.6 Task group on single-pair measurement methods

2.7 ANSI/TIA-568.6, Single Pair Multi-Drop (SPMD) cabling and component specifications

- *Expect to review contributions*

### 3 NEW BUSINESS

3.1 Output documents and letters

3.1.1 Consider any draft documents to liaise to any other SDOs

3.1.2 Consider any other output documents

3.2 Review of potential new work items

3.3 Review of action items

3.4 Determination of future meeting dates

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- June 2023

- October 2023

4 FUTURE MEETING DATES AND SCHEDULE

5 ACKNOWLEDGEMENTS

6 ADJOURNMENT

### AVAILABILITY OF MEETING DOCUMENTS:

TR-42.7 members/participants are instructed to download contributions and other meeting documents from TIA Connect ([connect.tiaonline.org](http://connect.tiaonline.org)) before the meeting.

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- Click "*LOGIN*"
- Click the "*Communities*" tab and then select "*All My Communities*"
- Scroll down the page and select "*TR-42.7 Cooper Cabling Systems*"
- Click on "*Documents*" and then select the "*2021-02 Virtual*" folder

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Use the following URL:

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### 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 TIA Connect under the Standards Procedure Toolbox tab in the Form folder for download. All contributions shall be submitted to Ray Emplit (the EDC) at [remplit@harger.com](mailto:remplit@harger.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 TIA Connect 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).

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### 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.

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### Questions and Comments concerning this agenda should be submitted to:

Chair: Wayne Larsen                      Ph: (214)-587-3970    E: [wayne.d.larsen@commscope.com](mailto:wayne.d.larsen@commscope.com)  
 Vice-chair: Brian Celella              Ph: (860)-952-3341    E: [Brian.Celella@siemon.com](mailto:Brian.Celella@siemon.com)

Document	Title	Date of Revision	Current Status
ANSI/TIA-568.2-E	Balanced Twisted-Pair Telecommunications Cabling and Components Standard		New project, no documents yet
ANSI/TIA-568.5-1	Single pair balanced twisted-pair telecommunications cabling and components – addendum 1, correct certain errors		Being balloted
ANSI/TIA-1183-B	Measurement methods and test fixtures for balun-less measurements of balanced components and systems		Being balloted
ANSI/TIA-568.4-E	Broadband Coaxial Cabling and Components Standard		Published
TSB-184-A-2	Guidelines for Supporting Power Delivery over Balanced Single Twisted-Pair Cabling		Being balloted
ANSI/TIA-568.6	Single Pair Multi-Drop (SPMD) cabling and component specifications		New project, no documents yet
ANSI/TIA-5071	Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling		Published

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ANSI/TIA-568.2-D-1	Balun requirements for Category 8 testing	April 2019	Published
ANSI/TIA-568.2-D-2	Balanced Twisted-Pair Telecommunications Cabling and Components Standard Addendum 2: Power Delivery Over Balanced Twisted-Pair Cabling	July 2020	Published
ANSI/TIA-568.5	Single pair balanced twisted-pair telecommunications cabling and components	February 2022	Published
TSB-184-A-1	Guidelines for the use of 28 AWG cords for power delivery	February 2019	Published
ANSI/TIA-1183-A	Measurement methods and test fixtures for balun-less measurements of balanced components and systems	March 2017	Published
TSB-184-A	Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling	2017	Published
ANSI/TIA-568.2-D	Balanced Twisted-Pair Telecommunications Cabling and Components Standard	2018	Published
ANSI/TIA-1152-A	Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling	2021 (Re-affirmed)	Published
TSB-5021	Guidelines for the Use of Installed Category 5e and Category 6 Cabling to Support 2.5GBASE-T and 5GBASE-T	2021 (Re-affirmed)	Published
TSB-5019	High Performance Structured Cabling Use Cases for Data Centers and Other Premises	2020 (Re-affirmed)	Published
TSB-155-A	Guidelines for the Assessment and Mitigation of Installed Category 6 Cabling to Support 10GBASE-T	2014 (Re-affirmed)	Published
TSB-5008	Mechanically-Generated Cable Impulse Noise Detection and Characterization	2019 (Re-affirmed)	Published
TSB-1197	Mode Conversion Parameters for Balanced Twisted Pair Cabling	2019 (Re-affirmed)	Published
TSB-190	Guidelines on Shared Pathways and Shared Sheaths	2018 (Re-affirmed)	Published