Meeting Notice & Agenda

TR-42 Telecommunications Cabling Systems Engineering Committee

Date:	June 5, 2023
Time:	8:00AM-10:45AM CDT
Location:	Omaha, NE & Hybrid Virtual GoToWebinar
Chair:	Henry Franc
Vice Chair:	Cindy Montstream
Secretary & EDC:	Jonathan Jew

Meeting/Event Schedule: see TIA's Events Calendar for the full schedule (https://tiaonline.org/events/)

Event Registration: (not required as meeting is not in person)

GoToWebinar Registration: TR42 Opening Plenary Registration

Document Access for non-TIA Members: Meeting Document Standalone Library

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TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1. Administrative/General Business

1.1. Call to Order

1.2. Attendance (Call Quorum, Introductions, Roster)

1.3. Current Meeting Agenda Review and Approval

1.4. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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. TIA Welcome and Update

1.6. Distribution of documents and contributions

1.7. Chair's Report and General Items

1.7.1. Updated Editors Guide (Update regarding TIA Legal Review of draft Editor's Guide approved at the last TR-42 meeting)

1.7.2. Changes to procedures resulting from ANSI Audit

1.7.3. TR-42 Documents by Subcommittee – see TR-42 Telecommunications Cabling Systems subfolder – TR-42 Publications

1.7.4. Update from TIA regarding making TIA working dictionary available to the public

1.7.5. Consolidation of standards – General Session Monday June 5 11:00am - 2:30pm to discuss consolidation of standards (i.e., TIA-568.0, TIA-568.1, TIA-862)

1.7.6. Organization of subcommittees, meeting schedules (including flex schedule)

1.7.7. ICEA Liaison (update regarding updating of standards and assignment of liaison)

1.7.8. Update on list of Liaisons

2. Task Group Reports

2.1. NEC Input Task Group

3. Subcommittee work items this week

3.1. TR-42.1 - Generic Telecommunications Cabling and Premises Cabling

3.2. TR-42.3 – Telecommunications Administration, Pathways, Spaces, Bonding and Grounding

3.3. TR-42.5 – Telecommunications Infrastructure Terms and Symbols

3.4. TR-42.7 – Telecommunications Copper cabling Systems

3.5. TR-42.9 – Industrial Telecommunications Infrastructure

3.6. TR-42.11 – Optical Fiber Systems

3.7. TR-42.12 – Optical Fibers and cables

3.8. TR-42.13 – Passive Optical devices and Fiber Optics Metrology

4. Registration links for the meetings are below:

- TR-42 Opening Plenary, 2023 06 05, from 8:00 am to 10:45 am CT: TR-42 Opening Plenary Registration

Meeting Notice & Agenda

- TR-42 Closing Plenary, 2023 06 09, from 8:00 am to 11:30 pm CT:
  TR-42 Closing Plenary Registration
- TR-42 Processes & Best Practices, 2023 06 05, from 6:00 pm to 7:00 pm CT:
  TR-42 Membership Training
- TR-42 General Session Consolidation of Standards, 2023 06 05, from 11:00 am to 2:30 pm CT:
  TR-42 Consolidation of Standards
- TR-42.1 Generic and Premises Cabling Day 1, 2023 06 07, from 3:15 pm to 7:00 pm CT:
  TR-42.1 Registration Day 1
- TR-42.1 Generic and Premises Cabling Day 2, 2023 06 08, from 8:00 am to 5:15 pm CT:
  TR-42.1 Registration Day 2
- TR-42.3 Pathways & Spaces, 2023 06 07, from 1:00 am to 3:00 pm CT:
  TR-42.3 Registration
- TR-42.5 Infrastructure Terms, 2023 06 08, from 5:30 pm to 6:30 pm CT:
  TR-42.5 Registration
- TR-42.7 Copper Cabling Systems, 2023 06 06, from 8:00 am to 6:00 pm CT:
  TR-42.7 Registration
- TR-42.9 Industrial Cabling, 2023 06 05, from 2:45 pm to 5:45 pm CT:
  TR-42.9 Registration
- TR-42.11 Optical Systems, 2023 06 06, from 8:00 am to 11:00 pm CT:
  TR-42.11 Registration
- TR-42.12 Optical Fibers and Cables, 2023 06 06, from 1:30 pm to 6:00 pm CT:
  TR-42.12 Registration
- TR-42.13 Passive Optical Devices and Fiber Optic Metrology, 2023 06 07, from 8:00 am to 12:00 pm CT:
  TR-42.13 Registration
- US TAG 86A for Fiber, 2023 06 08, from 10:00 am to 12:00 pm CT:
  US TAG 86A Registration
- US TAG 86B for Fiber, 2023 06 07, from 1:00 pm to 3:00 pm CT:
  US TAG 86B Registration
- US TAG ISO/IEC JTC1 SC25 WG3, 2023 06 12, from 1:00 pm to 3:00 pm ET:
  US TAG ISO/IEC JTC1 SC25 WG3 Registration

5. Liaison letters and reports

5.1. Incoming liaison letters

5.1.1. Other incoming liaison letters

5.2. Liaison Reports

5.2.1. IEEE 802.3



5.2.2. ISO/IEC JTC 1/SC 25/WG 3 (US TAG)

5.2.3. IEC TC 46, IEC SC 46C & IEC SC 48B

5.2.4. IEC TC 86

5.2.4.1. SC 86A

5.2.4.2. SC 86B

5.2.4.3. SC 86C

5.2.5. ODVA/SC65C JWG10

5.2.6. BICSI

5.2.7. NFPA

5.2.7.1. Panel 3

5.2.7.2. Panel 16

5.2.8. FOTC

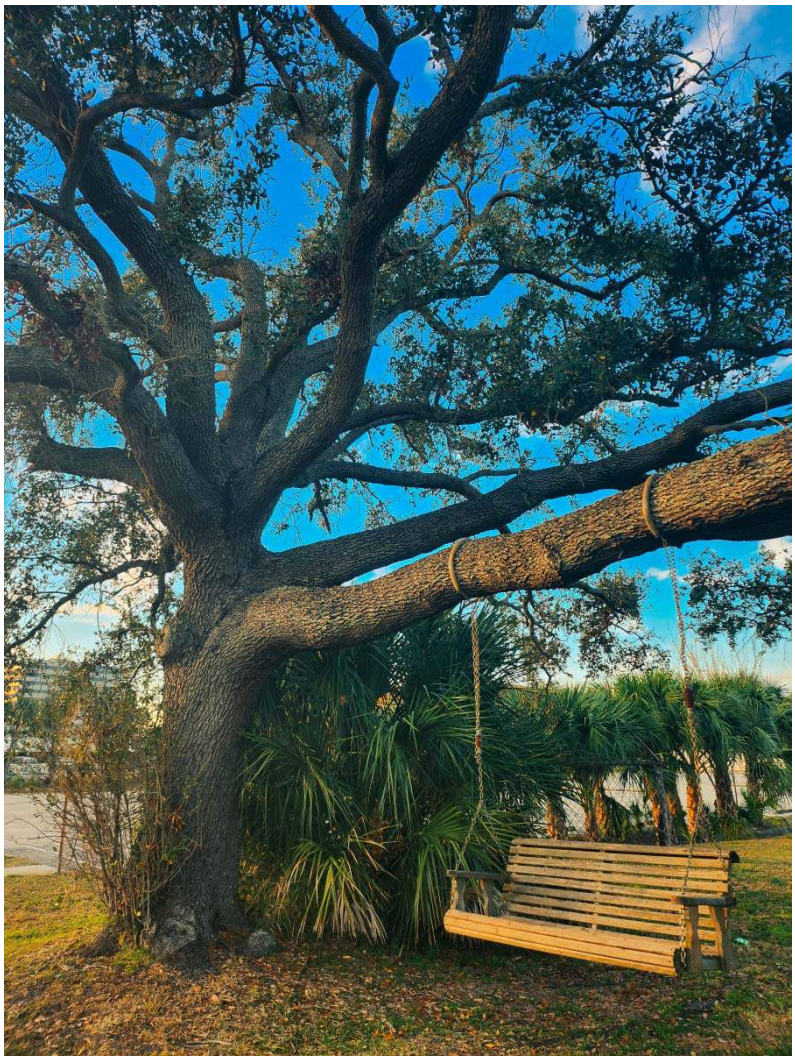
5.2.9. SPEC

6. Photography Contest

The Chair would like TR-42 members to submit photos reflective of the location of our meetings. TR-42 will select the best photo for each meeting during the closing plenary and at the end of the year select the best photo of the year. The photo of the year winner will be presented with their winning submission printed on glass.

The winner of photo for the January 2023 meeting was ‘ Tree with Bench Swing’ by Sunny Xu

Meeting Notice & Agenda



7. **New business and output documents**
   - **7.1. Output documents to be reviewed at the closing plenary**
   - **7.2. Other**
   - **7.3. Action Items derived from this meeting**
8. **Upcoming Meetings**
   - September 25-29 2023, Tulsa, OK hybrid (date and location fixed)
   - February 5-9 2024, hybrid (date fixed, location TBD) *note will select 2025 dates at this meeting
   - June 3-7 2024 hybrid (date fixed, location TBD)

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Meeting Notice & Agenda

- October 7-11 2024 hybrid (date fixed, location TBD)

9. Adjournment

AVAILABILITY OF MEETING DOCUMENTS:

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To access the meeting's contributions, please follow the directions below:

- Go to https://connect.tiaonline.org/home
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- Enter your *Password*
- Click "*LOGIN"*
- Click the "*Communities"* tab and then select "*All My Communities*"
- Scroll down the page and select "*TR-42 Telecommunications Cabling Systems*"
- Click on "*Documents*" and then select the subfolder for the meeting

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. All contributions shall be submitted to the electronic document coordinator (EDC). 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).

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LATE CONTRIBUTIONS:

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Questions and comments on this agenda should be submitted to:

Henry Franc, Chair	henry.franc@belden.com	+1 416-476-1336
Cindy Montstream, Vice-Chair	Cindy.montstream@legrand.com	+1 860-208-5261
Jonathan Jew, EDC & Secretary	jew@j-and-m.com	+1 415-515-4304

Meeting Notice & Agenda

TR-42.9 Industrial Telecommunications Infrastructure Engineering Committee

Date: June 5, 2023
Time: 2:45 AM- 5:45 PM Central Daylight Time

Location: **Hybrid: Omaha, Nebraska/GoToWebinar**

Chair: **Brian Shuman**
Vice Chair: **Brad Woodman**

Meeting GoToWebinar Registration Link:
https://attendee.gotowebinar.com/register/8702821881107355743

Meeting Schedule URL: **TR-42 June 2023 Meeting Schedule**

Document Access for non-TIA Members: Meeting Document Standalone Library

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TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1. Administrative/General Business

1.1. Call to Order

1.2. Attendance (Call Quorum, Introductions, Roster)

1.3. Current Meeting Agenda Review and Approval (TR429-2023-05-011)

1.4. Previous Meeting Report Review and Approval (TR429-2023-02-010)

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. Participants in the work of the TIA

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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.

1.6. Distribution of documents and contributions

Document	Contributor	Company	Title
TR429-2023-02-003c	Brian Shuman	Belden	ANSI/TIA-568.7 Comments - Resolved
TR429-2023-02-010	Brian Shuman	Belden	February 15th Meeting Report
TR429-2023-05-011	Brian Shuman	Belden	June 5th Meeting Agenda

1.7. List of Standards from Subcommittee

Document	Title	Date of Revision	Current Status
ANSI/TIA-1005-A	Telecommunications Infrastructure Standard for Industrial Premises	3/17/2020	Published
ANSI/TIA-1005-A-1	Telecommunications Infrastructure Standard for Industrial Premises Addendum 1, M12-8 X-coding Connector	3/17/2020	Published
ANSI/TIA-1005-B	Telecommunications Infrastructure Standard for Industrial Premises	In progress	Default Ballot
ANSI/TIA-568.7	Balanced single twisted-pair communications cabling and components Standard for Industrial Premises	In progress	2nd Industry Ballot

2. Old Business

2.1. ANSI/TIA-1005-B

- Comment Resolution
- Disposition (Default ballot, Publish)

2.2. ANSI/TIA568.7 Industrial SPE

- Ballot Ongoing

3. New Business

3.1. Other new business

4. Meeting

Meeting Notice & Agenda

4.1. Upcoming Meetings

- October 2 - 6, 2023 – Location TBD

5. Adjournment

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.9 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

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- Scroll down the page and select "*TR-42.9 Industrial Telecommunications Infrastructure*"
- Click on "*Documents*" and then select the "*2021-02 Virtual*" folder

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Questions and comments on this agenda should be submitted to:

Brian Shuman, Chair	Brian.shuman@belden.com	(765) 983-5667
Brad Woodman, Vice-Chair	Bradley.woodman@molex.com	(847) 224-8675

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Meeting Notice & Agenda

TR-42.7 Agenda

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

Date: Tuesday, June 6, 8 am to 9 pm central time
Wednesday, June 7 8 am to 11:30 am central time

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

Face-to-face:

Embassy Suites by Hilton Omaha Downtown / Old Market

555 South 10th Street

Omaha, NE 68102

Tel. 402-246-9000

Website: Embassy Suites by Hilton Omaha Downtown / Old Market

Web:

- TR-42.7 Copper Cabling Systems, Tuesday, June 6, 2023, from 8:00 am to 6:00 pm CDT: https://attendee.gotowebinar.com/register/3182130017579006038
- TR-42.7 Copper Cabling Systems, Wednesday, June 7, 2023, from 8:00 am to 11:30 pm CDT: https://attendee.gotowebinar.com/register/5379385258433606999

Please cut and paste this web address link into your browser's address bar to register for the meeting. You will receive an e-mail with a link to join the meeting. Each person must register for each meeting separately.

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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 (establish quorum, introductions)

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."

1.6 Chair's Report

1.7 Agenda review and approval (TR-42.7-2023-06-xxx)

xxx	04-12-23	Agenda for meeting of June	Wayne Larsen

1.8 Meeting report review and approval (TR42.7-2023-06-xxx)

xxx	04-12-22	Minutes from meeting of Jan/Feb	Wayne Larsen

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Meeting Notice & Agenda

1.9 Distribution of documents and contributions

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

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. Feb 2023 – Little movement. 2 UTP samples provided. Looking for 1 more UTP SPE 30m cable sample before starting testing. Group agrees to move forward with 2 samples if another sample cannot be found.
2	Bob Voss	Lead TG on single-pair measurement methods	Will continue Feb 2023 – Bob to schedule a meeting and report in June
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	Complete
6	Wayne	Submit PAR for ANSI/TIA-568.2-E	Complete
7	Ray/Wayne	Circulate committee ballot for TIA-184-A-2	Complete
8	Wayne	Submit 1183-B for publication	Complete, published
9	Sean/Wayne	Circulate industry ballot for 568.2-E	Complete
10	Ray/Wayne	Circulate committee ballot for TSB-184-A-2	Complete

Meeting Notice & Agenda

11	Ray/Wayne	Circulate industry ballot for 568.5-1	Complete
12	Cheryl/Wayne	Make a view-only version of TSB-190 available for members	Complete

2 OLD BUSINESS

2.1 ANSI/TIA-1183-B, Measurement methods and test fixtures for balun-less measurements of balanced components and systems (No action since this was approved for publication last time)

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 3rd committee ballot*
- *Possible vote to circulate 4th 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 3rd industry ballot*
- *Possible vote to circulate 4th 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

- *Expect to review comments on 1st industry ballot*
- *Possible vote to circulate 2nd industry ballot*
- *Possible vote to circulate default ballot*
- *Possible vote to publish*

Meeting Notice & Agenda

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

4 Future Meeting Dates and Schedule

- Sept 25-29, 2023
- Feb 5-9, 2024
- June 3-7 2024
- Oct 7-11 2024

These meetings will be 'hybrid', that is, face-to-face with a remote attendance option. Locations have not been determined.

5 ACKNOWLEDGEMENTS

6 ADJOURNMENT

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

To access the following files:
-TR-42 Meeting Notice
- All TR-42 (sub)committee agendas

Use the following URL:

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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.

All late contributions shall be posted to TIA Connect 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.

AVAILABILITY OF MEETING DOCUMENTS TO NON-MEMBERS:

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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

Vice-chair: Brian Celella Ph: (860)-952-3341 E: Brian_Celella@siemon.com

Document	Title	Date of Revision	Current Status
ANSI/TIA-568.2-E	Balanced Twisted-Pair Telecommunications Cabling and Components Standard		Being balloted
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	Feb 2023	Published
ANSI/TIA-568.4-E	Broadband Coaxial Cabling and Components Standard	2022	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	2022	Published
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
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

Meeting Notice & Agenda

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

Meeting Notice & Agenda

TR-42.11 Optical Fiber Systems

Date:	Tues. June 6, 2023
Time:	8:00 am - 12:00 pm (CDT)
Location:	(Hybrid) GoToWebinar / Embassy Suites Omaha Downtown / Old Market 555 South 10th Street Omaha, NE 68102Tel. 402-246-9000
Chair:	Phil Irwin
Vice Chair:	Tiger Ninomiya

Meeting Schedule: TR-42 Telecommunications Cabling Systems - Telecommunications Industry Association (tiaonline.org)

Registration: Per GoToWebinar Registration.

GoToWebinar Registration: https://attendee.gotowebinar.com/register/3542912767983586393

TIA Important Notice of Participation

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of an agreement to be bound by all provisions of TIA Standards Development Procedures 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 the head of the TIA Standards Department on a case-by-case basis.

TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1. Administrative/General Business

1.1. Call to Order

1.2. Attendance (Call Quorum, Introductions, Roster)

Attendance will be collected via GoToWebinar

1.3. Current Meeting Agenda Review and Approval

The current meeting agenda has been posted. Review agenda and move to approve.

Motion 1:
Move to approve current meeting agenda. (TR42.11-2023-06-001)
M (Move):
S (Second):
Result: Pass/Fail. Objections or Discussions

Meeting Notice & Agenda

1.4. Previous Meeting Report Review and Approval

The TIA-approved report of our Feb 2023 meeting has been posted.
Review previous meeting report and move to approve.

Motion 2:
Move to approve previous meeting reports TR42.11-2023-02-007
M:
S:
Result: Pass/Fail. Objections or Discussions

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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.

1.6. Distribution of documents and contributions

The following documents distributed via TIAConnect:

Document #	Contributor	Company	Title or Subject
TR42.11-2023-01-010	Phil Irwin	Panduit	Prior Meeting Reports. TIA Approved. TR42.11 Feb 2023
TR42.11-2023-06-001	Phil Irwin	Panduit	Proposed Meeting Notice and Agenda
TR42.11-2022-10-002	Phil Irwin	Panduit	PAR TIA-568.3-E-1 Addendum per Motion 5 June 2022 meeting
TR42.11-2023-01-002	Seymour Goldstein	Fluke Networks	Fiber Optic Testing Standards Overview (TIERS) v2
TR42.11-2023-06-002	Seymour Goldstein	Fluke Networks	Tier 1 / Tier 2 Proposed Text
TR42.11-2023-06-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42-2023-06-065	Pete Pondillo	Corning	IEC SC 86C Liaison Report
TR42.11-2023-06-004	Henry Franc	Belden	Contribution Supporting Polarity Methods and Symbols

1.6.1 Liaison letters, reports, or relevant activity from other standards committees; (IEC, IEEE, etc.): TBD: IEC SC86C Liaison report (Pete Pondillo)

Meeting Notice & Agenda

1.7. Chair's Report and General Items

Use the TIA cover sheets for contributions. Cover sheets are not needed for balloted drafts, ballot results, or comment compilations. Request a document number from chair and place on cover sheet.

Please note that TR-42 has transitioned to TIA Connect for meeting administration and messaging and we will no longer be able to upload documents to the TIA FTP site. You will be able to retrieve old documents, but now documents will be uploaded to TIA Connect - https://connect.tiaonline.org/home. Please also note that the "reflector" email distribution has changed:
Old: tr4211@tiacomm.org New: TIA-TR4211@ConnectedCommunity.org

Voting registration policy-
Three non-returned ballots will place member in the "register by document" status instead of "automatic registration" status. This is being implemented to provide a mechanism to demote the people who are auto registered but do not participate in meetings or ballots that sometimes cause insufficient return rates to allow ballot closure.

TIA Engineering Manual has been replaced by the TIA Procedures for American National Standards (PANS) and the TIA Engineering Committee Operating Procedures (ECOP). One major effect of this change is that it is no longer a requirement to update TIA only (non-ANSI) documents on a 5-year basis

2. Old Business

2.1. Actions on committee-balloted documents:

Project number	Title	Stage	Ballot open	Ballot close	Committee action
ANSI/TIA-PN-568.3-E-1	Optical Fiber Cabling Component Standard	In Development			PAR Approved. Phil I. Editor.

3. New Business

3.1. Contributions

Document #	Contributor	Company	Title or Subject
TR42.11-2023-06-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42.11-2023-06-004	Henry Franc	Belden	Contribution Supporting Polarity Methods and Symbols
TR42-2023-06-065	Pete Pondillo	Corning	IEC SC 86C Liaison Report

3.1.1 Discussions: TBD

3.2. New Projects and Proposals

3.2.1. PAR approved in June meeting for addendum to ANSI/TIA 568.3-E to be (-1).

Meeting Notice & Agenda

- Call for contributions for items to be included/discussed in addendum.

Polarity: Ad Hoc group formulation for incorporating polarity content from TSB-5069 into 568.3-E-1 addendum. Project lead and participating volunteers
    - Group lead: Phil I. Interested members: Sunny X., Alex R., Henry F., Ana C., Dan S., Mike C., Dave V., Dave K., Tiger N., Adnan A., Shelly B., Adam B., Tyler R
- Review of past contributions by Henry F. and Shelly B. concerning polarity symbols.
- Notes: TBD

Tier Testing: Request for TG (ad hoc test Task Group). Scope is to Clarify guidance in ANSI/TIA-568.3-E regarding Tier testing (informative annex E) and normative (clause 7) requirements for OTDR testing, including review of 526-7 and -14 and harmonization with IEC SC86C, ISO/IEC JTC1/SC25/WG3. Lead: Bulent Kose.

Volunteer Participants: **Firstname**	**Lastname**	**Orgname**
Ana Carolina	Cruz	Belden
Ron	Tellas	Belden
Sunny	Xu	CommScope
David	Kozischek	Corning Incorporated
Peter	Pondillo	Corning Incorporated
Gang	He	EXFO
Hamid	Jahani	JGR Optics Inc.
Dan	Morris	KITCO Fiber Optics
Alex	Richard	Legrand
Michael	Connaughton	Leviton Network Solutions
Phillip	Irwin	Panduit Corporation
Bulent	Kose	Panduit Corporation
Lionel	Provost	Prysmian Group
Adam	Broughton	Sumitomo Electric Lightwave
Jim	Hayes	The Fiber Optic Association
Dave	Valentukonis	The Siemon Company
Dan	Barrera	Trend Networks
Ed	Gastle	Viavi Solutions

- Notes: TBD

3.3. Other standards committee interactions and documents for possible adoption

3.3.1. None

4. Upcoming Meetings

Upcoming meeting dates: September 25-29, 2023

5. Adjournment

Motion #: Move to adjourn.
M:
S:
Result: Pass/Fail. Objections or Discussions

Meeting Notice & Agenda

AVAILABILITY OF MEETING DOCUMENTS TO NON-MEMBERS:

All TIA non-members can download contributions and other meeting documents before the meeting by accessing the following TR-42.X Standalone Library:
connect.tiaonline.org/communities/community-home/...

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.11 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

To access the meeting's contributions, please follow the directions below:

- Go to connect.tiaonline.org.
- Enter your *Username* (your email address in the TIA database)
- Enter your *Password* and Click "*LOGIN"*
- Click the "*Communities"* tab and then select "*All My Communities*"
- Scroll down the page and select "*TR-42.11 Optical Systems*"
- Click on "*Documents*" and then select the appropiate folder

Standalone library for access the following files: -TR-42 Meeting Notice and TR-42 (sub)committee agendas
connect.tiaonline.org/communities/community-home/...

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 the electronic document coordinator (EDC). 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).

Early submittal and posting of contributions for consideration in meetings is highly encouraged. Contributions shall be submitted to the EDC as soon as possible and then posted to the appropriate folders on TIA Connect by the EDC as soon after receipt as possible, preferably within one business day. All contributions shall be posted to the appropriate location on TIA Connect no later than 12:00 noon EST on the Monday preceding the week of the meeting in which the contribution is to be considered.

LATE CONTRIBUTIONS:

Contributions not provided to the EDC within 24-hours of the meeting shall be classified as "late contributions." They may be considered in the meeting to which they are addressed at the discretion of the chair. All late contributions shall be provided to the EDC and to the committee members on a memory stick or other electronic media. All late contributions shall be posted to TIA Connect within one week of meeting adjournment. Questions and comments on this agenda should be submitted to:

Phil Irwin, Chair	Phillip.Irwin@panduit.com	(708) 790-3621
Tiger Ninomiya, Vice-Chair	Tiger.Ninomiya@senko.com	(508) 361-3405

Meeting Notice & Agenda

TR-42.12 Optical Fibers and Cables

Date:	Tuesday 2023.06.06
Time:	1:30PM – 6:00PM (CDT)
Location:	In-person (Omaha, NE) and Virtual GoToWebinar
Chair:	Dave Kozischek (Committee Support: Cheryl Thibideau)
Vice Chair:	Roman Shubochkin

Meeting Schedule: Tuesday June 6, 1:30PM – 6:00PM (CDT), *2:30PM – 7:00PM (EDT)*

Registration: (required as meeting is in person)

GoToWebinar Registration:
Please note that you must register for the event by clicking on the registration link. If you do not register, you will not be able to attend the meeting.

Our subcommittee meeting is scheduled on Tuesday, June 6, 2023, from 1:30 pm to 6:00 pm EST.

Here is the GTW link to register:
https://register.gotowebinar.com/register/8308763510764741982

IEC SC86A Fibres and Cables US TAG Meeting will be held in conjunction with the TIA TR42 Meetings and will be on Thursday June 8 from 10:00 to 12:PM (CDT) at:

Embassy Suites by Hilton Omaha Downtown / Old Market
555 South 10th Street
Omaha, NE 68102
Tel. 402-246-9000

Online Instructions:
Url: https://attendee.gotowebinar.com/register/6862115171378999385

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1. Administrative/General Business

1.1. Call to Order

xxxAM

Meeting Notice & Agenda

TIA Important Notice of Participation
Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of an agreement to be bound by all provisions of TIA Standards Development Procedures 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 the head of the TIA Standards Department on a case-by-case basis.
TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1.2. Attendance (Call Quorum, Introductions, Roster)

Meeting sign-in link: attendance will be collected via GoToWebinar
Quorum achieved with xx companies attending forming quorum versus xx needed.

1.3. Current Meeting Agenda Review and Approval

The current meeting agenda has been posted. Review agenda and move to approve.

Motion # xx: Move to approve current meeting agenda.
M: S: Result:

Meeting agenda document "TR42.12-2023-06-001.agenda.docx" was xxx.

1.4. Previous Meeting Report Review and Approval

The TIA report of the January 2023 meeting has been posted.

Motion #: Move to approve revised June meeting report.
M: xxxx S: xxx Result:

Meeting agenda document "TR4212-2023-01-010.agenda.docx" was xxx

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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.

1.6. Distribution of documents and contributions

The following documents distributed via TIAConnect

Table 1. Contributions

Document	Contributor	Affiliation	Title
TR42.12-2023-06-001	Dave Kozischek	Corning	Meeting Agenda
TR42.12-2023-06-002	David Kozischek	Corning	TR42.12 Master Doc List (v.3)
TR42.12-2023-06-003	David Kozischek	Corning	IEC Liaison Report
TR42.12-2023-06-004	David Kozischek	Corning	ICEA Liaison Report
TR42.12-2023-06-005	David Kozischek	Corning	ITU-T Q5/Q7 Liaison Report
TR42.12-2023-06-006	Mike Connaughton	Leviton	Tracer colors for fiber identification
TR42.12-2023-06-007	Thomas Schmalzigaug	Huber & Suhner	Working draft 1 for TIA-455-37-B (revision of TIA-455-37-A)”
TR4212-2023-01-010	Roman Shubochkin	OFS	January approved Meeting Report

1.7. Chair’s Report and General Items

Use the TIA cover sheets for contributions. Cover sheets are not needed for balloted drafts, ballot results, or comment compilations. Request a document number from chair and place on cover sheet.

TR-42 has transitioned to TIA Connect for meeting administration and messaging and we will no longer be able to upload documents to the TIA FTP site. You will be able to retrieve old documents, but now documents will be uploaded to TIA Connect https://connect.tiaonline.org/home.

Please also note that the “reflector” email distribution has changed: Old: tr4212@tiacomm.org New: TIA-TR4212@ConnectedCommunity.org

Voting registration policy: three non-returned ballots will place member in the "register by document" status instead of "automatic registration" status. This is being implemented to

provide a mechanism to demote the people who are auto registered but do not participate in meetings or ballots that sometimes cause insufficient return rates to allow ballot closure.

1.8. List of Standards and TSBs from Subcommittee

Please reference the tracking spreadsheet located in TIAConnect TR42.12 workspace.

1.9. Liaison letters received

None

1.10. Reports

TR42.12-2023-06-003	David Kozischek	Corning	IEC Report
TR42.12-2023-06-004	David Kozischek	Corning	ICEA Report
TR42.12-2023-06-005	David Kozischek	Corning	ITU-T Q5/Q7 Report

2. Old business

January Update:
Review TR42.12-2023-01-002 (Master document list or FOTPs and Specs)

- Sort them by date so we know which are out of date.
- tag them to determine which ones can be adopted/reaffirmed without change.
- tag any that are no longer needed, they can be rescinded and are equally easy.
- Then any that need to be adapted/updated/revised set up a priority list, and ask for editors to take ownership
- Regardless all actions; reaffirm/rescind/revise all need to go through the ballot process.

Action #1: Chair and Vice-chair will take action to review all documents on the Master sheet and come back in June 2023 with recommendations on the next batch of documents to work on. Comments from other 42.12 members are encouraged; please send any notes to Dave and Roman.

June Update:

2.1. TIA-455-3 (FOTP-3) Temperature Ramps and Precision (Editor: Pete Weimann, OFS)

January Update: Unfortunately, looking into this further, we missed the deadline to submit this for publication per ANSI requirements. The public review for the ballot ended on July 12, 2021 and the BSR9 would have needed to be submitted by July 12, 2022 in order to be compliant with ANSI.

So, we should vote 1) put the document for the re-ballot after the meeting this week and 2) if it passes w/o technical objections, then it can go to publication automatically (meaning we will still need to re-submit the paperwork)?

June Update:

2.2. TIA-455-111-B (11/2003) (FOTP-111), fiber curl, adoption of IEC 60793-1-34 (editor Phil Irwin, Panduit)

January Update: Published
June Update: Propose remove from Agenda after June meeting

2.3. TIA-492 Series Restructuring

2.3.1. Generic (adopt with modifications of the IEC 60793-2:2019 as ANSI/TIA-4920000-C) (editor Derek Huffman, Corning)

January Update: January Update: the document will go for a committee ballot after this meeting; will close on April 3.
June Update:

2.3.2. Multimode (adopt with modifications of the IEC 60793-2-10:2019 as ANSI/TIA 492AAAF) (editor Sunny Xu, Commscope)

January Update:

Motion #5: Move the document to ballot.
Moved: Sunny Xu Second: Pete Pondillo Result: Passed without objection

June Update:

2.3.3. Singlemode (adopt with modifications of the IEC 60793-2-50:2018 as ANSI/TIA-492CAAC) (editor Bulent Kose, Panduit)

January Update: Verified: Includes all amendments and changes through Errata, January 21, 2022.

June Update: Propose remove from Agenda after June meeting

Meeting Notice & Agenda

2.4. Open projects to update adoptions:

2.4.1. TIA-455-133-A (05/2003) is an adoption of the IEC 60793-1-22:2001 Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement (editor Bulent Kose)

January Update: CD just issued and due in 2024. No action required until 60793-1-22 is published

June Update:

2.4.2. TIA-455-203-A (03/2009) FOTP-203 Light Source Encircled Flux Measurement Method): plan to adopt the IEC 61280-1-4 Fibre Optic Communication Subsystem Test Procedures - Part 1-4: General Communication Subsystems - Light Source Encircled Flux Measurement Method (Bulent Kose)

January Update: IEC in CDV Stage, No action required until 61280-1-4 is published in 2023

June Update:

2.4.3 TIA-455-204-A (10/2013) is an adoption of the IEC 60793-1-41:2010 Optical fibres - Part 1-41: Measurement methods and test procedures – Bandwidth

January Update: No action required until 60793-1-41 is published in 2024

January Update:

2.5 ANSI/TIA-598-D-2014 (“Optical Fiber Cable Color Coding”): open for revision (editor Pete Pondillo)

January Update: Need to refine set-up, no update but correspondence continues.

Action #2: Pete Pondillo to schedule a meeting before June for Ink Draw-down sample discussion. Meeting scheduled for March 15.

Meeting Notice & Agenda

June Update:

TR42.12-2023-06-006	Mike Connaughton	Leviton	Tracer colors for fiber identification

3. Recession/Obsolete Documents Discussions

3.1.1. FOTP 30 - Frequency Domain Measurement of Multimode Optical Fiber Information Transmission Capacity

June Update: Withdrawn

3.1.2. FOTP 54 - Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers

June Update: Still active FOTP 54B

3.1.3. FOTP 124 - Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by Interferometry (merge with FOTP 122?)

June Update: Not shown Is this now FOTP 196?

4. New Business

4.1. FOTPS past 10 years old – Make motions on FOTPS that are over 10 years old. For these documents we have three choices. Restart the ANSI process to get them reinstated as ANS. Start a process to get them approved as TIA Only standards. Keep withdrawn. See TR42.12-2023-06-002_v3.0_Master

4.1.1. TIA-455-179 FOTP-179 Inspection of Cleaved Fiber End Faces by Interferometry. **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.2. TIA-455-28 FOTP-28 Measuring Dynamic Strength and Fatigue Parameters of Optical Fibers by Tension **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.3. TIA-455-124 FOTP124 Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by Interferometry **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

Meeting Notice & Agenda

4.1.4. TIA-455-220 FOTP-220 Differential Mode Delay Measurement of Multimode Fiber in the Time Domain **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.5. TIA-455-58 FOTP-58 Core Diameter Measurement of Graded-Index Optical Fibers **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.6. TIA/EIA-455-88 FOTP-88 Fiber Optic Cable Bend Test **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.7. TIA/EIA-455-132 FOTP-132 Measurement of the Effective Area of Single-Mode Optical Fiber **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.8. TIA/EIA-455-113 FOTP-113 Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by the Fixed Analyzer Method **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.9. TIA/EIA-455-181 LIGHTNING DAMAGE SUSCEPTIBILITY TEST FOR FIBER OPTIC CABLES WITH METALLIC COMPONENTS (SEE ALSO NECA/FOA 301) **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.10. TIA/EIA-455-69 FOTP-69 Test Procedure for Evaluating the Effect of Minimum and Maximum Exposure Temperatures on the Optical Performance of Optical Fibers **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.11. TIA/EIA-455-81 FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.12. TIA/EIA-455-98 FOTP-98 Fiber Optic Cable External Freezing Test **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.13. TIA/EIA-455-169 FOTP-169 Chromatic Dispersion Measurement of Single-Mode Optical Fibers by the Phase-Shift Method **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.14. TIA-455-84 FOTP-84 Jacket Self-Adhesion (Blocking) Test for Optical Fiber Cable **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.15. TIA-455-89 FOTP-89 Optical Fiber Cable Jacket Elongation and Tensile Strength **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.16. TIA-455-91 FOTP-91 Fiber Optic Cable Twist-Bend Test **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

Meeting Notice & Agenda

4.1.17. TIA-455-38 FOTP-38 MEASUREMENT OF FIBER STRAIN IN CABLES UNDER TENSILE LOAD **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.18. TIA-455-106 FOTP 106 PROCEDURE FOR DETERMINING THRESHOLD CURRENT OF SEMICONDUCTOR LASERS (ALSO SEE NECA NEIS 301) **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.1.19. TIA-455-30 FOTP-30 Frequency Domain Measurement of Multimode Optical Fiber Information Transmission Capacity **Motion # Restart the ANSI process or TIA Only or Keep Withdrawn**

4.2. FOTPS that will be 10 years old in 2024 – Make motions on FOTPS that will be 10 years old in 2024. For these documents we have three choices. Withdraw as an ANS and follow the decision-making process for withdrawn standards. Seek an extension to update. Seek to reaffirm. See TR42.12-2023-06-002_v3.0_Master

4.2.1. TIA-455-204 FOTP-204 Measurement of Bandwidth on Multimode Fiber **Motion # Withdraw or Update or Reaffirm**

4.2.2. TIA-455-12 FOTP-12 Fluid Immersion Test for Fiber Optic Components **Motion # Withdraw or Update or Reaffirm**

4.2.3. TIA-455-33 FOTP-33 Optical Fiber Cable Tensile Loading and Bending Test **Motion # Withdraw or Update or Reaffirm**

4.2.4. TIA-455-133 FOTP- 133 IEC-60793-1-22 Optical Fibres- Part 1-22: Measurement Methods and Test Procedures- Length Measurement **Motion # Withdraw or Update or Reaffirm**

4.2.5. TIA-455-195 FOTP- 195 IEC-60793-1-21 Optical Fibres- Part 1-21: Measurement Methods and Test Procedures- Coating Geometry **Motion # Withdraw or Update or Reaffirm**

4.2.6. TIA-455-15 FOTP- 15 Altitude/Immersion of Fiber Optic Components **Motion # Withdraw or Update or Reaffirm**

4.2.7. TIA-455-54 FOTP- 54-B Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers **Motion # Withdraw or Update or Reaffirm**

4.2.8. TIA-455-37 FOTP-37 Low or High Temperature Bend Test for Fiber Optic Cable **Motion # Withdraw or Update or Reaffirm**

4.2.9. TIA-455-57 FOTP-57 Preparation and Examination of Optical Fiber Endface for Testing Purposes **Motion # Withdraw or Update or Reaffirm**

4.2.10. TIA-455-123 FOTP-123 Measurement of Optical Fiber Ribbon Dimensions **Motion # Withdraw or Update or Reaffirm**

4.2.11. TIA-455-131 FOTP-131 Measurement of Optical Fiber Ribbon Residual Twist **Motion # Withdraw or Update or Reaffirm**

Meeting Notice & Agenda

4.2.12. TIA-455-183 FOTP-183 Hydrogen Effects on Optical Fiber Cable **Motion # Withdraw or Update or Reaffirm**

4.2.13. TIA-455-31 FOTP-31 Proof Testing Optical Fibers by Tension **Motion # Withdraw or Update or Reaffirm**

4.2.14. TIA-455-39 FOTP-39 Optical Fiber Cable Water Wicking Test **Motion # Withdraw or Update or Reaffirm**

4.2.15. TIA-455-85 FOTP-85 Fiber Optic Cable Twist Test **Motion # Withdraw or Update or Reaffirm**

4.2.16. TIA-455-87 FOTP-87 Fiber Optic Cable Knot Test **Motion # Withdraw or Update or Reaffirm**

4.2.17. TIA-455-141 FOTP-141 Twist Test for Optical Fiber Ribbons **Motion # Withdraw or Update or Reaffirm**

4.2.18. TIA-455-162 FOTP-162 Optical Fiber Cable Temperature Humidity **Motion # Withdraw or Update or Reaffirm** Cycling

4.2.19. TIA-455-192 FOTP-192 H-Parameter Test Method for Polarization-Maintaining Optical Fiber **Motion # Withdraw or Update or Reaffirm**

4.2.20. TIA-455-193 Polarization Crosstalk Method for Polarization- Maintaining Optical Fiber and Components **Motion # Withdraw or Update or Reaffirm**

4.2.21. TIA-455-72 "FOTP- 72 Procedure for Assessing Temperature and Humidity Cycling Exposure Effects on Mechanical Characteristics of Optical Fibers **Motion # Withdraw or Update or Reaffirm**

4.2.22. TIA-455-73 FOTP- 73 Procedure for Assessing Temperature and Humidity Cycling Exposure Effects on Mechanical Characteristics of Optical Fibers **Motion # Withdraw or Update or Reaffirm**

4.2.23. TIA-455-41 FOTP- 41 Compressive Loading Resistance of Optical Fiber Cables **Motion # Withdraw or Update or Reaffirm**

4.2.24. TIA-455-100 Gas Leakage Test for Gas-Blocked Fiber Optic Cables **Motion # Withdraw or Update or Reaffirm**

4.3. FOTPS that will be 5-9 years old– Make motions on FOTPS that will be 5-9 years old in 2024. For these documents we have three choices. Withdraw as an ANS and follow the decision-making process for withdrawn standards. Seek an extension to update. Seek to reaffirm. See TR42.12-2023-06-002_v3.0_Master

4.3.1. TIA-455-234 FOTP-234 IEC-60793-1-52 Optical Fibres – Part 1-52: Measurement Methods and Test Procedures - Change of Temperature **Motion # Withdraw or Update or Reaffirm**

4.3.2. TIA-455-56 Test Method For Evaluating Fungus Resistance of Optical Fiber and Cable **Motion # Withdraw or Update or Reaffirm**

Meeting Notice & Agenda

4.3.3. TIA-455-25 FOTP-25 Impact Testing of Optical Fiber Cables **Motion # Withdraw or Update or Reaffirm**

4.3.4. TIA-455-104 FOTP-104 Fiber Optic Cable Cyclic Flexing Test **Motion # Withdraw or Update or Reaffirm**

4.3.5. TIA-455 General requirements for standard test procedures for optical fibers, cables, transducers, sensors, connecting and terminating devices, and other fiber optic components **Motion # Withdraw or Update or Reaffirm**

4.3.6. TIA-455-86 FOTP-86 Optical Fiber Cable Jacket Shrinkage **Motion # Withdraw or Update or Reaffirm**

4.3.7. TIA-455-3 FOTP-3 Procedure to Measure Temperature Cycling Effects on Optical Fiber Units, Optical Cable, and Other Passive Fiber Components **Motion # Withdraw or Update or Reaffirm**

4.3.8. TIA-455-203 FOTP-203 Light Source Encircled Flux Measurement Method **Motion # Withdraw or Update or Reaffirm**

4.3.9. TIA-455-16 FOTP-16 Salt Spray (Corrosion) Test for Fiber Optic Components **Motion # Withdraw or Update or Reaffirm**

4.3.10. TIA-455-48 FOTP- 48 Measurement of Optical Fiber Cladding Diameter Using Laser-Based Instructions **Motion # Withdraw or Update or Reaffirm**

4.3.11. TIA-455-71 FOTP-71 Procedure to Measure Temperature- Shock Effects on Fiber Optic Components **Motion # Withdraw or Update or Reaffirm**

4.4. Collaboration with ICEA on cable document maintenance

June Update:

4.5. Closing Items

Request xxx hours for xxx meeting

4.6. Next meetings

Sept 25-29 (TBD)

4.7. Meeting Close

Motion #: *Move to close meeting*

M: xx S: xx. Result: Meeting closes at xxx

Meeting Notice & Agenda

AVAILABILITY OF MEETING DOCUMENTS TO NON-MEMBERS:

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connect.tiaonline.org/communities/community-home/...

Please do not hesitate to reach out if you have any questions.

Thank you!

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.12 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

To access the meeting's contributions, please follow the directions below:

- Go to connect.tiaonline.org
- Enter your *Username* (your email address in the TIA database)
- Enter your *Password*
- Click "*LOGIN"*
- Click the "*Communities"* tab and then select "*All My Communities*"
- Scroll down the page and select "*TR-42.12 Optical Fibers and Cables*"
- Click on "*Documents*" and then select the "*2023-01 Virtual*" folder

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 the electronic document coordinator (EDC). 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).

Early submittal and posting of contributions for consideration in meetings is highly encouraged. Contributions shall be submitted to the EDC as soon as possible and then posted to the appropriate TIA Connect folders by the EDC as soon after receipt as possible, preferably within



one business day. All contributions shall be posted to the appropriate location on TIA Connect no later than 12:00 noon EST on the Monday preceding the week of the meeting in which the contribution is to be considered (example: if the meeting will be held on Thursday the 20th, the contributions shall be posted by noon on Monday the 10th).

LATE CONTRIBUTIONS:

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Questions and comments on this agenda should be submitted to:

Dave Kozischek, Chair	kozischedr@corning.com	
Committee Support: Cheryl Thibideau	CThibideau@tiaonline.org	
Roman Shubochkin, Vice-Chair	RShubochkin@ofsoptics.com	

Meeting Notice & Agenda

TR-42.13 Passive Optical Devices and Fiber Optic Metrology

Date:	June 7, 2023
Time:	8:00AM to 12:00PM CST
Location:	Embassy Suites by Hilton Omaha Downtown/Old Market 555 South 10th Street Omaha, NE 68102 1-402-346-9000
Chair:	Sunny Xu
Vice Chair:	Shelly Buchter

Meeting/Event Schedule: see TIA's Events Calendar for the full schedule (https://tiaonline.org/events/)
GoToWebinar Registration: https://attendee.gotowebinar.com/register/7670885138445407064

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1. Administrative/General Business

1.1. Call to Order

TIA Important Notice of Participation

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of an agreement to be bound by all provisions of TIA Standards Development Procedures 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 the head of the TIA Standards Department on a case-by-case basis.

TIA is actively seeking participation in TR-42.13 standards projects from the user and general interest categories.

1.2. Attendance (Call Quorum, Introductions, Roster)

Attendance will be collected via GoToWebinar.

1.3. Current Meeting Agenda Review and Approval

Review and approve the current meeting agenda (TR42.13-2023-06-001).

1.4. Previous Meeting Report Review and Approval

Review and approve the previous approved meeting report (TR42.13-2023-02-006) that has been approved by TIA and posted to TIAConnect.

Meeting Notice & Agenda

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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.

1.6. Distribution of documents and contributions

Document #	Title/Subject	Contributor	Affiliation
TR42.13-2023-02-006	February 2, 2023 Approved Meeting Report	S. Xu	CommScope
TR42.13-2023-06-001	June 7, 2023 Meeting Agenda	Xu/Buchter	CommScope/USConec
TR42.13-2023-06-002	IEC 86B Liaison Report	D. Huffman	Corning
TR42.13-2023-06-003	Modeled Connector Loss in Bend Optimized Multimode Fiber Links	R. Shubochkin	OFS
TR42.13-2023-06-004	Development of Best Practices and Guidelines for the Use of Expanded Beam Connectors in Data Center Applications	T. Berdinskikh	Senko

2. Liaison Reports

2.1. IEC SC 86B Liaison report – D. Huffman

2.2. CENELEC Liaison report – T. Schmalzigaug

3. Old Business

3.1. Action Items

AI #1	Dave Kozischek to request approval from ITU-T to present ITU-T material to TIA-TR42 committees.	
AI #2	Mike Gurreri to request approval from IWCS to present IWCS material to TIA-TR42 committees.	

Meeting Notice & Agenda

AI #3	Greg to follow up on the status of IEC 61755-1, IEC 61755-2-1 and IEC 61755-2-2 word documents.	
AI #4	Sunny to upload contribution TR42.13-2021-10-02 on IEC Adoption.	
AI #5	Sunny to submit TIA-622.4 and TIA-622.5 for publication.	
AI #6	Greg to provide a presentation on TIA-623 at June meeting.	
AI #7	Greg to review the next IEC series to adopt and potentially bring PAR at the next meeting.	
AI #8	Sunny to schedule an interim joint-meeting with TR42.11, .12 and .13 leadership to review document list.	

3.2 IEC 61755 SM connector optical interfaces adoption

Document	Title	Status
ANSI/TIA-621.1	(Adoption of IEC 61755-1:2022) General and guidance	Ballot closes on 6/5.
ANSI/TIA-622.1	(Adoption of IEC 61755-2-1:2022) non-angled	Ballot closes on 6/5.
ANSI/TIA-622.2	(Adoption of IEC 61755-2-2:2022) angled	Ballot closes on 6/5.
ANSI/TIA-622.4	(Adoption of IEC 61755-2-4:2015) Non-angled, reference connection	In process of publication.
ANSI/TIA-622.5	(Adoption of IEC 61755-2-5:2015) angled, reference connection	In process of publication.
ANSI/TIA-623	(Adoption of IEC 61755-3-1)	Greg to bring PARs

4. New Business

4.1. Contributions

4.1.1. Modeled Connector Loss in Bend Optimized Multimode Fiber Links

4.1.2. Development of Best Practices and Guidelines for the Use of Expanded Beam Connectors in Data Center Applications

4.2. New Projects and Proposals

4.3. TR-42 Chair Request – Solicit feedback on how to improve the functioning of TR42 and subcommittees.

5. Document Maintenance

Review any progress of the updated TIA-TR42 documentation list.

Meeting Notice & Agenda

6. **New Action Items Review**
7. **Upcoming Meetings**

   October, 2023 TBD
8. **Adjournment**

AVAILABILITY OF MEETING DOCUMENTS TO NON-MEMBERS:

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- Click "*LOGIN"*
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- Scroll down the page and select "*TR-42.13 Passive Optical Devices and Optic Metrology*"
- Click on "*Documents*" and then navigate to any meeting folder of interest.

NEW CONTRIBUTIONS:

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or other electronic media. All late contributions shall be posted to TIA Connect within one week of meeting adjournment.

Questions and comments on this agenda should be submitted to:

Sunny Xu, Chair	Sunny.Xu@commscope.com	(972) 345-3812
Shelly Buchter, Vice-Chair	ShellyBuchter@usconec.com	(717) 309-1754

Meeting Notice & Agenda

TR-42.3 Subcommittee

Telecommunications Administration, Pathways, Spaces, Bonding and Grounding

Date:	**Wednesday, June 7, 2023**
Time:	**1:00 pm - 3:00 pm Central Time (CDT)**
Location:	**Hybrid: Omaha, NE / GoToWebinar**
Chair:	**Cindy Montstream – Legrand, 860-208-5261**
Vice Chair:	**Jonathan Jew – J&M Consultants, 415-515-4304**

Meeting GoToWebinar Registration Link:
Wednesday, June 7, 2023, 1:00pm - 3:00pm CDT

TIA Important Notice of Participation

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of an agreement to be bound by all provisions of TIA Standards Development Procedures 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 the head of the TIA Standards Department on a case-by-case basis.

TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1. Administrative/General Business

1.1. Call to Order

1.2. Attendance (Call Quorum, Introductions, Roster)

1.3. Current Meeting Agenda Review and Approval (TR423-2023-06-006)

1.4. Previous Meeting Report Review and Approval (TR423-2023-01-005)

Meeting Notice & Agenda

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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 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.

1.6. Distribution of documents and contributions

Document #	Title	Company	Contributor
2023-01-005	January Tampa Meeting Report	TR-42.3	Jew
2023-06-006	June Omaha Meeting Notice & Agenda	TR-42.3	Montstream
2023-06-007	TIA-569-F Draft	TR-42.3	Emplit
2023-06-008	TIA-607 Ballot Comments with Editor's Recommendations	TR-42.3	Emplit

1.7. List of Standards and TSBs from Subcommittee

Document	Title	Date of Revision	Current Status
ANSI/TIA-569-E	Telecommunications Pathways & Spaces	2019	Published
ANSI/TIA-569-E-1	Telecommunications Pathways and Spaces Addendum 1 – Revised Temperature and Humidity Requirements	2022	Published
ANSI/TIA-569-F	Telecommunications Pathways and Spaces	In Progress	Draft
ANSI/TIA-606-D	Administration Standard For Telecommunications Infrastructure	2021	Published
ANSI/TIA-607-D	Generic Telecommunications Bonding & Grounding (Earthing) For Customer Premises	2019	Published
ANSI/TIA-607-D Addendum 1	Generic Telecommunications Bonding & Grounding (Earthing) For Customer Premises-Addendum 1	2021	Published

Meeting Notice & Agenda

ANSI/TIA-607-E	Generic Telecommunications Bonding & Grounding (Earthing) For Customer Premises	In Progress	1st Industry Ballot
ANSI/TIA-5048	Automated Infrastructure Management (Aim) Systems- Requirements, Data Exchange and Applications	2022	Reaffirmed
ANSI/TIA-5048-1	Automated Infrastructure Management (Aim) Systems- Requirements, Data Exchange and Applications – Addendum 1	2022	Reaffirmed

1.8. Chair's Report and General Items

2. Old Business

2.1. ANSI/TIA-607-E (Editor: Ray Emplit)

- Comment resolution of ANSI/TIA-607-E industry ballot comments (TR423-2023-06-008)
- Next steps (Industry Ballot/Recirculation Ballot/Publish)

2.2. ANSI/TIA-569-F (Editor: Ray Emplit)

- Review TIA-569-F draft (TR42-2023-06-007)
- Reaffirm next steps of committee ballot (Committee Ballot/Industry Ballot)

3. New Business

4. Action Items

5. Meetings

5.1. Future Meeting Dates

- September 25-29, 2023 –- Hybrid (date fixed, location TBD)
- February 5-9, 2024 -- Hybrid (date fixed, location TBD)
- June 3-7, 2024 – Hybrid (date fixed, location TBD)
- October 7-11, 2024 – Hybrid (date fixed, location TBD)

6. Adjournment

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Meeting Notice & Agenda

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- Enter your *Username* (your email address in the TIA database)
- Enter your *Password*
- Click "*LOGIN*"
- Click the "*Communities*" tab and then select "*All My Communities*"
- Scroll down the page and select "*TR-42.3 Commercial Building Telecommunications Pathways and Spaces*"
- Click on "*Documents*" and then select meeting folder

NEW CONTRIBUTIONS:

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Questions and comments on this agenda should be submitted to:

Cindy Montstream, Chair	cindy.montstream@legrand.com	(860) 208-5261
Jonathan Jew, Vice-Chair	jew@j-and-m.com	(415) 515-4304

Meeting Notice & Agenda

TIA TR-42.1 Subcommittee on Premises Telecommunications Infrastructure

Date & Time: **Wednesday, June 7, 2023: 3:15 pm – 7:00 pm CDT**
Thursday, June 8, 2023: 8:00 am – 5:15 pm CDT

Location: **Hybrid: Omaha, NE / GoToWebinar**

Chair: **Cindy Montstream – Legrand, 860-208-5261**
Vice-Chair: **Diane Forbes – NIS, 503-246-8585**

Meeting GoToWebinar Registration Link:

Wednesday, June 7, 2023, 3:15 pm - 7:00 pm CDT

Thursday, June 8, 2023, 8:00 am - 5:15 pm CDT

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1. Administration/General Business

1.1 Call to order

TIA IMPORTANT NOTICE OF NOTICE OF PARTICIPATION

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1.2 Attendance (Call Quorum, Introductions, Electronic Roster)

1.3 Current Meeting Agenda Review and Approval (TR421-2023-06-015a)

1.4 Previous Meeting Reports Review and Approval

- **January Meeting Report (TR421-2023-01-011)**
- **March Interim Meeting Report (TR421-2023-03-014)**

1.5 Intellectual property rights statement (early disclosure policy)

TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.

1.6 Distribution of documents and contributions

Document	Title	Contributor	Company
TR421-2023-01-011	January Meeting Report	Montstream	TR-42.1
TR421-2023-03-014	March Interim Meeting Report	Forbes	TR-42.1
TR421-2023-06-015a	June Meeting Notice & Agenda	Montstream	TR-42.1
TR421-2023-06-016	TIA-PN-942-C Recirculation Ballot #1 Comments with Editor Recommendations	Jew	TR-42.1
TR421-2023-06-017	TIA-PN-570-E New Ballot Comments with Editor Recommendations	Drenovsky	TR-42.1
TR421-2023-06-018	TIA-PN-1179-B Recirculation Ballot #1 Comments with Editor Recommendations	Kozischek	TR-42.1
TR421-2023-06-019	Non Genset Data Centers Contribution	van Leent	EPI
TR421-2023-06-020	TIA Data Center Working Group Update Contribution	Fluet	TIA
TR421-2023-06-021	Applications Table TSB Draft Contribution	Emplit Zimmerman Kozischek	TR-42.1
TR421-2023-06-022	ANSI/TIA-568.0 & 568.1 Combined Outline	Emplit	TR42.1
TR421-2023-06-023	ANSI/TIA-568.0, 568.1 & 862 Combined Outline	Emplit	TR-42.1

1.7 Chairs Report and General Items

1.8 List of Standards & TSBs from Committee

Document	Title	Date of Revision	Current Status
ANSI/TIA-568.0-E	Generic Telecommunications Cabling for Customer Premises	2020	Published
ANSI/TIA-568.0-E-1	Generic Telecommunications Cabling for Customer Premises	2022	Published
ANSI/TIA-568.1-E	Commercial Building Telecommunications Infrastructure Standard	2020	Published
ANSI/TIA-568.1-E-1	Commercial Building Telecommunications Infrastructure Standard Addendum 1	2022	Published
ANSI/TIA-570-D	Residential Telecommunications Infrastructure Standard	2018	1st Ballot
ANSI/TIA-758-C	Customer-Owned Outside Plant Telecommunications Infrastructure Standard	2021	Recirculation Ballot
ANSI/TIA-862-C	Structured Cabling Infrastructure Standard for Intelligent Building Systems	2022	Published
ANSI/TIA-942-C	Telecommunications Infrastructure Standard for Data Centers	2017	Recirculation Ballot
ANSI/TIA-1179-B	Healthcare Facility Telecommunications Infrastructure Standard	2017	Recirculation Ballot
ANSI/TIA-4966-A	Telecommunications Infrastructure Standard for Educational Facilities	2022	Published
ANSI/TIA-4966-A-1	Telecommunications Infrastructure Standard for Educational Facilities Addendum 1	2022	Published
ANSI/TIA-4994	Standard for Sustainable Communications Technology	2015	Inactive
ANSI/TIA-5017	Telecommunications Physical Network Security Standard	2016	Committee Ballot
TIA-TSB-162-B	Telecommunications Cabling Guidelines for Wireless Access Points	2020	Published
TIA-TSB-185	Environmental Classification (MICE) Tutorial – Mechanical; Ingress; Climatic/Chemical; Electromagnetic)	2021	Reaffirmed
TIA-TSB-5018	Structured Cabling Infrastructure Guidelines to Support Distributed Antenna Systems	2021	Reaffirmed
TIA-TSB-5046	Process for Sustainable Information Communications Technology Manufacturers	2017	Inactive

2 Old business

2.1 ANSI/TIA-758-C (OSP): (Editor: Henry Franc)

- Wasn't submitted for recirculation ballot but may be able to publish so will discuss and determine next step.
- Next step (Recirculation Ballot/Publish)

2.2 ANSI/TIA-1179-B (Healthcare): (Editor: Dave Kozischek)

- Comment resolution of Recirculation Ballot comments (TR421-2023-06-018)
- Next steps (Recirculation Ballot/Publish)

2.3 ANSI/TIA-5017-A (Security): (Editor: Thar Meepegama)

- Wasn't submitted for committee ballot, as approved in January meeting. Will be submitted for committee ballot right after June meeting.
- Will do comment resolution and vote on disposition at September meeting.

2.4 ANSI/TIA-942-C rev 2.0 (Data Centers): (Editor: Jonathan Jew)

- Comment resolution of Recirculation Ballot comments (TR421-2023-06-016)
- Non Genset Data Center Contribution -van Leent (TR421-2023-06-019)
- Next steps (Recirculation Ballot/Publish)
- TIA Data Center Working Group Update - Fluet (TR421-2023-06-020)

2.5 ANSI/TIA-570-E (Residential): (Editor: Jeff Drenovsky)

- Comment resolution of 1st Ballot comments (TR421-2023-06-017)
- Next steps (Recirculation Ballot/Publish)

2.6 Application Tables in ANSI/TIA-568.0-E (Generic Telecommunications Cabling for Customer Premises)

- Review draft for an Applications Tables TSB -- Dave Kozischek, George Zimmerman, & Ray Emplit (TR421-2023-06-021)
  - Vote on whether to permanently move the application information into a TSB, from ANSI/TIA-568.0, as shown in the draft.
  - If TSB direction approved, review & approve PAR for TSB

2.7 Discuss consolidation of 568.0, 568.1 and 862 standards

- Review two outlines created by Ray Emplit
  - First outline combines ANSI/TIA-568.0 and ANSI/TIA-568.1 content into one standard (TR421-2023-06-022)
  - Second outline combines ANSI/TIA-568.0, ANSI/TIA-568.1 and ANSI/TIA-862 content into one standard. (TR421-2023-06-023)
  - Determine next steps

3 New Business

4 Impact of Work from Other Subcommittees

4.1 Incoming liaison letters:

4.2 Outgoing liaison letters:

4.3 Output documents for US-TAG:

5 Action Items

6 Meetings

6.1 Future Meeting Dates

- September 25-29, 2023 –- Hybrid (date fixed, location TBD)
- February 5-9, 2024 -- Hybrid (date fixed, location TBD)
- June 3-7, 2024 – Hybrid (date fixed, location TBD)
- October 7-11, 2024 – Hybrid (date fixed, location TBD)

7 Adjournment

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Questions and comments on this agenda should be submitted to:

Cindy Montstream, Chair	cindy.montstream@legrand.com	860-208-5261
Diane Forbes, Vice-Chair	diane.forbes@nis.consulting	502-246-8585

Meeting Notice & Agenda

TIA TR-42.5 Subcommittee on Telecommunications Infrastructure Terms and Symbols

Date:	June 8, 2023
Time:	5:30 PM – 6:30 PM CDT
Location:	Omaha, NE & Hybrid Virtual GoToWebinar
Chair:	Ron Tellas – Belden
Vice Chair:	Scott Payton – Global Data Center Engineering

Registration: TR42.5 Hybrid Meeting Registration

Document Access for non-TIA Members: Meeting Document Standalone Library

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TIA is actively seeking participation in TR-42 standards projects from the user and general interest communities.

1 Administration

1.1 Call to order

1.2 Attendance (introductions, electronic roster, quorum call

1.3 Elections

1.4 Agenda review and approval

1.5 Intellectual property rights (early disclosure policy)

TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA

Meeting Notice & Agenda

Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.

1.5 Distribution of documents and contributions

The following documents were distributed prior to the meeting in the TR 42-5 Community Document Library:

Document	Title	Company	Contributor
TR425-2023-06-04a	Meeting Report February 2023	Belden	Tellas
TR425-2023-06-5	Working Dictionary	Belden	Tellas
TR425-2023-06-6	Meeting Agenda June 2023	Belden	Tellas

1.6 Meeting report review and approval

TR425-2023-06-04a Meeting Report February 2023

2 Old business

3 New business

3.1 Definitions

3.2 Acronyms

4 Next Subcommittee meeting.

- Week of September 25-29 2023, Tulsa, OK hybrid (date and time TBD)
- Week of February 5-9 2024, hybrid (date, time and location TBD)
- Week of June 3-7 2025 hybrid (date, time and location TBD)

5 Adjournment

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- Click on "*Documents*" and then select the "*2021-06 Virtual*" folder

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LATE CONTRIBUTIONS:

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Questions and comments on this meeting report should be submitted in writing to:

Ron Tellas, Chair 42.5	ronald.tellas@belden.com	+1 219-218-5699
Scott Payton, Vice Chair 42.5	scott@gdce.global	+1 307-201-2110

Meeting Notice & Agenda

TR-42 Telecommunications Cabling Systems Engineering Committee

Date:	June 9, 2023
Time:	8:00AM-11:30AM CDT
Location:	Omaha, NE & Hybrid Virtual GoToWebinar
Chair:	Henry Franc
Vice Chair:	Cindy Montstream
Secretary & EDC:	Jonathan Jew

Meeting/Events Schedule: see TIA's Events Calendar for the full schedule (https://tiaonline.org/events/)

Event Registration: (not required as meeting is not in person)

GoToWebinar Registration: TR-42 Closing Registration Link

Document Access for non-TIA Members: Meeting Document Standalone Library

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TIA is actively seeking participation in TR-42 standards projects from the user and general interest categories

1. Administrative/General Business

1.1. Call to Order

1.2. Attendance (Call Quorum, Introductions, Roster)

1.3. Current Meeting Agenda Review and Approval

1.4. Previous Meeting Report Review and Approval

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

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



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1.6. Distribution of documents and contributions

2. Old Business

2.1. Liaison Letters received since the opening plenary

2.2. Subcommittee reports and plenary action

2.2.1. TR-42.1 - Generic Telecommunications Cabling and Premises Cabling

2.2.1.1. Consolidation of Standards Discussion

2.2.2. TR-42.3 – Telecommunications Administration, Pathways, Spaces, Bonding and Grounding

2.2.3. TR-42.5 – Telecommunications Infrastructure Terms and Symbols

2.2.4. TR-42.7 – Telecommunications Copper cabling Systems

2.2.5. TR-42.9 – Industrial Telecommunications Infrastructure

2.2.6. TR-42.11 – Optical Fiber Systems

2.2.7. TR-42.12 – Optical Fibers and cables

2.2.8. TR-42.13 – Passive Optical devices and Fiber Optics Metrology

2.3. NEC public input task group

2.4. Other old business

Meeting Notice & Agenda

3. **New business and output documents**
   - **3.1. TIA Agenda and report new templates**
   - **3.2. Output documents**
     - **3.2.1. US TAG to ISO/IEC JTC 1/SC25/WG3**
     - **3.2.2. IEEE 802.3**
     - **3.2.3.Other output documents**
   - **3.3. Other new business**
   - **3.4. Actions derived from this meeting**
4. **Photography contest**
5. **Upcoming Meetings**
   - September 25-29 2023, Tulsa, OK hybrid (date and location fixed)

   5.1. Subsequent Meetings
   - February 5-9 2024, hybrid (date fixed, location TBD) *note will select 2025 dates at this meeting
   - June 3-7 2024 hybrid (date fixed, location TBD)
   - October 7-11 2024 hybrid (date fixed, location TBD)
6. **Meeting schedule for September 2023**
7. **Adjournment**

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Meeting Notice & Agenda

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Questions and comments on this agenda should be submitted to:

Henry Franc, Chair	henry.franc@belden.com	+1 416-476-1336
Cindy Montstream, Vice-Chair	Cindy.montstream@legrand.com	+1 860-208-5261
Jonathan Jew, EDC & Secretary	jew@j-and-m.com	+1 415-515-4304