



Meeting Notice & Agenda

TR-42 Telecommunications Cabling Systems Engineering Committee

Date: September 25, 2023
 Time: 9:30 am – 12:00 pm CDT
 Location: Tulsa, OK & 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

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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 (TIA)

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

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 Leadership Meeting, 2023 09 25, from 8:00 am to 9:00 am CT:
[TR-42 Leadership Meeting](#)
- TR-42 Opening Plenary, 2023 09 25, from 9:30 am to 12:00 pm CT:
[TR-42 Opening Plenary Registration](#)
- TR-42 Closing Plenary, 2023 09 29, from 8:00 am to 11:30 pm CT:
[TR-42 Closing Plenary Registration](#)
- TR-42 Editors Training, 2023 09 25, from 6:00 pm to 7:00 pm CT:
[TR-42 Editors Training](#)



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- TR-42.1 Generic and Premises Cabling Day 1, 2023 09 27, from 10:30 am to 6:00 pm CT:
[TR-42.1 Registration Day 1](#)
- TR-42.1 Generic and Premises Cabling Day 2, 2023 09 28, from 8:00 am to 12:00 pm CT:
[TR-42.1 Registration Day 2](#)
- TR-42.3 Pathways & Spaces, 2023 09 27, from 8:00 am to 10:00 am CT:
[TR-42.3 Registration](#)
- TR-42.5 Infrastructure Terms, 2023 09 28, from 1:30 pm to 2:30 pm CT:
[TR-42.5 Registration](#)
- TR-42.7 Copper Cabling Systems, 2023 09 26, from 8:00 am to 6:00 pm CT:
[TR-42.7 Registration](#)
- TR-42.9 Industrial Cabling, 2023 09 25, from 1:30 pm to 5:30 pm CT:
[TR-42.9 Registration](#)
- TR-42.11 Optical Systems, 2023 09 26, from 8:00 am to 12:00 pm CT:
[TR-42.11 Registration](#)
- TR-42.12 Optical Fibers and Cables, 2023 09 26, from 1:30 pm to 6:00 pm CT:
[TR-42.12 Registration](#)
- TR-42.13 Passive Optical Devices and Fiber Optic Metrology, 2023 09 27, from 8:00 am to 12:00 pm CT:
[TR-42.13 Registration](#)
- US TAG 86B for Fiber, 2023 09 25, from 1:30 pm to 3:00 pm CT:
[US TAG 86B Registration](#)
- US TAG ISO/IEC JTC1 SC25 WG3, 2023 09 28, from 3:00 pm to 5:00 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



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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 June 2023 meeting was 'Jellyfish' by Phil Irwin





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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

- 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)

9. Adjournment



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AVAILABILITY OF MEETING DOCUMENTS:

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- 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).

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:

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:

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: September 25, 2023
Time: 1:30 PM- 5:30 PM Central Daylight Time

Location: Hybrid: Tulsa, OK/GoToWebinar

Chair: Brian Shuman
Vice Chair: Brad Woodman

Meeting GoToWebinar Registration Link:
<https://attendee.gotowebinar.com/register/9093428886626191194>

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 (TR429-2023-09-015)
- 1.4. Previous Meeting Report Review and Approval (TR429-2023-06-014)
- 1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

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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
TR429-2023-06-014	Brian Shuman	Belden	June 5 th Meeting Report
TR429-2023-09-015	Brian Shuman	Belden	September 25 th Meeting Agenda
TR429-2023-05-012	Brad Woodman	Molex	TIA-1005-B Recirculation Ballot summary
TR429-2023-05-013	Brad Woodman	Molex	TIA-1005-B Recirculation Ballot Comments with Editor Recommendations
TR429-2023-09-016	Rainer Schmidt	Harting	SPE category for 100MB/500mtr

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	2 nd Industry Ballot

2. Old Business

2.1. ANSI/TIA-1005-B

- Comment Resolution
- Disposition (Default ballot, Publish)

2.2. ANSI/TIA568.7 Industrial SPE

- Comment Resolution
- Disposition (Default ballot, Publish)

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3. New Business

3.1. SPE category for 100MB/500mtr

3.2. Other new business

4. Meeting

4.1. Upcoming Meetings

- 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)

5. Adjournment

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- Click "LOGIN"
- Click the "Communities" tab and then select "All My Communities"
- Scroll down the page and select "TR-42.9 Industrial Telecommunications Infrastructure"
- Click on "Documents" and then select the "2021-02 Virtual" folder

NEW CONTRIBUTIONS:

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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



Meeting Notice & Agenda

TR-42.7 Agenda

Organization: TIA Accredited Engineering Committee TIA TR-42.7
Telecommunications Copper Cabling Systems
Date: Tuesday, September 26, 8:00 am to 6:00 pm central time

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

Face-to-face:

Renaissance Tulsa Hotel & Convention Center

6808 South 107th East Avenue

Tulsa, Oklahoma 74133

Tel. 918-307-2600

Website: [Renaissance Tulsa Hotel Booking Link](#)

Web:

- TR-42.7 Copper Cabling Systems, Tuesday, September 26, 2023, from 8:00 am to 6:00 pm CDT:
- <https://attendee.gotowebinar.com/register/6208508287435844695>

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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<https://global.gotomeeting.com/install/684626269>

Acting Chair: Brian Celella The Siemon 860-952-3341
Company

Vice-Chair: Vacant

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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

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1.6 Chair's Report

1.7 Elections

- *Expect to discuss leadership positions which will be confirmed by an election held at the February meeting.*

1.8 Agenda review and approval (TR-42.7-2023-09-044)

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044 09-11-23 Agenda for meeting of September Brian Celella

1.9 Meeting report review and approval (TR42.7-2023-09-038-Minutes)

038 07-26-23 Minutes from meeting of June Wayne Larsen

1.10 Distribution of documents and contributions

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

1.11 Review of incoming liaison letters, reports, and requests

1.12 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 passed around. 8 labs, 3 done, 2 samples, estimate to finish in November.
2	Wayne	Submit PAR for revision of TSB-190	Complete
3	Wayne / Caspar	Prepare initial draft of TSB-190-A	Complete
4	Wayne / Ray	Circulate next ballot of ANSI/TIA-568.5-1	Complete
5	Wayne / Sean	Circulate next ballot of ANSI/TIA-568.2-E	Complete
6	all	Contributions on SPE PoDL installations, considering bundling and temperature	

2 OLD BUSINESS

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

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- *Expect to review comments on ballot*
- *Possible vote to circulate ballot*
- *Possible vote to circulate default ballot*
- *Possible vote to publish*

2.3 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 (CS-01 and completion of comment resolution was deferred from June to September)*
- *Possible vote to circulate 4th committee 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 ballot*
- *Possible vote to circulate ballot*
- *Possible vote to circulate default ballot*
- *Possible vote to publish*

2.5 Consider draft of TSB-190-A, Guidelines on Shared Pathways and Shared Sheaths

- *Expect to review initial draft of TSB-190-A*
- *Possible vote to circulate ballot*
- *Possible vote to publish*

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

- *Expect to review contributions*
- *Expect to discuss continuing or abandoning this project*

3 NEW BUSINESS

3.1 Output documents and letters

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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

- 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

AVAILABILITY OF MEETING DOCUMENTS:

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- o Click "*LOGIN*"
- o Click the "*Communities*" tab and then select "*All My Communities*"
- o Scroll down the page and select "*TR-42.7 Cooper Cabling Systems*"
- o 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:

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

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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 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).

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LATE CONTRIBUTIONS:

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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.

Questions and Comments concerning this agenda should be submitted to:

Acting Chair: Brian Celella

Ph: (860)-952-3341

E: Brian_Celella@siemon.com

Vice Chair: Vacant

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
TSB-184-A-2	Guidelines for Supporting Power Delivery over Balanced Single Twisted-Pair Cabling		Being balloted
TSB-190-A	Guidelines on Shared Pathways and Shared Sheaths		New project, no documents yet

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ANSI/TIA-568.6	Single Pair Multi-Drop (SPMD) cabling and component specifications		New project, no documents yet
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
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
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



Meeting Notice & Agenda

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. Sept 26, 2023
 Time: 8:00 am - 12:00 pm (CDT)
 Location: (Hybrid) GoToWebinar / Renaissance Tulsa Hotel & Convention Center
 6808 South 107th East Avenue Tulsa, OK 74133 Tel. 918-307-2600
 Chair: Phil Irwin
 Vice Chair: Tiger Ninomiya

Meeting Schedule: connect.tiaonline.org/viewdocument/...

GoToWebinar Registration: attendee.gotowebinar.com/register/1998124221914377308

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 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

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

Motion 1:

Move to approve current meeting agenda TR42.11-2023-09-001.

M (Move):

S (Second):

Result: Pass/Fail. Objections or Discussions

1.4. Previous Meeting Report Review and Approval

The TIA-approved report of our June 2023 meeting has been posted.

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Meeting Notice & Agenda

Review previous meeting report and move to approve.

Motion 2:

Move to approve previous meeting report TR42.11-2023-06-010.

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
TR42.11-2023-06-010	Phil Irwin	Panduit	Prior Meeting Reports. TIA Approved. TR42.11 June 2023
TR42.11-2023-09-001	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
TR42.11-2023-09-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42-2023-09-xxx	Pete Pondillo	Corning	IEC SC 86C Liaison Report
TR42.11-2023-06-004	Henry Franc	Belden	Contribution Supporting Polarity Methods and Symbols
TR42.11-2023-09-004	Phil Irwin	Panduit	TBD. Polarity Symbol Summary
TR42.11-2023-09-005	Phil Irwin	Panduit	TBD. Document Maintenance List

Liaison letters, reports, or relevant activity from other standards committees; (IEC, IEEE, etc.):

TBD: IEC SC86C Liaison report (Pete Pondillo)

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.

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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.

2.1.1. Discussions: TBD

3. New Business

3.1. Contributions

Document #	Contributor	Company	Title or Subject
TR42.11-2023-09-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42.11-2023-09-004	Phil Irwin	Panduit	TBD. Polarity Symbol Summary
TR42-2023-09-xxx	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).

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

Polarity: Scope is to incorporate polarity content from TSB-5069 into 568.3-E-1 addendum.

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Meeting Notice & Agenda

Project lead and participating volunteers:

Lead: Phil I.

Volunteer Participants:

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 new and past contributions concerning polarity symbols.
- Notes: TBD

Tier Testing: 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.

Project lead and participating volunteers:

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
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

- Review new and past contributions concerning polarity symbols.
- Notes: TBD

3.3. Other standards committee interactions and documents for possible adoption

None

4. Document Maintenance

Review progress of TIA-TR42.11 document maintenance list.

5. Upcoming Meetings

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Meeting Notice & Agenda

February 5-9 2024, hybrid (date fixed, location TBD)

June 3-7 2024 hybrid (date fixed, location TBD)

6. Adjournment

Motion #: Move to adjourn.

M:

S:

Result: Pass/Fail. Objections or Discussions

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 appropriate 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.

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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 2023.09.26
 Time: 1:30PM – 6:00PM (CDT)
 Location: In-person (Tulsa, OK) and Virtual GoToWebinar
 Chair: Dave Kozischek (Committee Support: Cheryl Thibideau)
 Vice Chair: Roman Shubochkin

Meeting Schedule: Tuesday Sept 26, 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.

Here is the GTW link to register:

<https://register.gotowebinar.com/register/2602253084819216216>

IEC SC86A Fibres and Cables US TAG Meeting will not be held in conjunction with the TIA TR42 Meetings and will be scheduled at a later date

Hotel Information

Renaissance Tulsa Hotel & Convention Center
 6808 South 107th East Avenue Tulsa, Oklahoma 74133
 +1 918-307-2600

Hotel Booking Group Link

<https://www.marriott.com/events/start.mi?id=1689100981297&key=GRP>

1. Administrative/General Business

1.1. Call to Order

xxxAM

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

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Meeting Notice & Agenda

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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 "TR42.12-2023-09-001.agenda.docx" was xxx.

1.4. Previous Meeting Report Review and Approval

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

Motion #: Move to approve June meeting report.

M: xxxx S: xxx Result:

Meeting agenda document "TR42.12-2023-06-011_meeting-report_Final" 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



Meeting Notice & Agenda

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
TR42.12-2023-09-001	Dave Kozischek	Corning	Meeting Agenda
TR42.12-2023-09-002	David Kozischek	Corning	TR42.11/12/13 Master Doc List (v.3)
TR42.12-2023-09-003	David Kozischek/Michael Stover	Corning/OCC	ICEA Liaison Report
TR42.12-2023-09-004	Derek Huffman	Corning	FOTP-38 Review
TR42.12-2023-09-005	Derek Huffman	Corning	FOTP-81 Review
TR4212-2023-06-011	Roman Shubochkin	OFS	June 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.

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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

TR42.12-2023-09-003 David Kozischek Corning ICEA Report

Note: IEC and ITU-T will meet in November. Next report will be Jan/Feb 2024

2. Old business

2.1. FOTPs and Specifications

June Update: Reviewed the master spreadsheet and updated with more information.

Oct Update: Will review combined 42-11/12/13 new master spreadsheet in new format created by Sunny Xu

2.2. TIA-455-3 (FOTP-3) Temperature Ramps and Precision (Editor: Roman Shubochkin, OFS)

June Update: the ballot is open and closes at the end of June. There are no changes to the document compared to the previous ballot, re-balloting is needed to comply with ANSI requirements for timely submission for publication.

Oct Update:

Motion to move this document to publication:

M: xxxx S: xxx Result:

2.3. 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

2.4. TIA-492 Series Restructuring

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

June Update: Comments resolved.

Motion # 3: Move to publication with accepted editorial comments.

Moved: Sunny Xu; Second: Greg Sandels; Result: Passed without objection

Oct Update: PAF approved on 07-05

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

June Update: the ballot is open and closes in the middle of July.

Oct Update: Ballot closed on 7/16 passed with no comments.

Motion to move this to publication.

M#: xxxx S: xxx Result:

2.5. Open projects to update adoptions:

2.5.1. 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)

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

Oct Update: No action required until 60793-1-22 is published.

2.5.2. 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)

June Update: IEC 61280-1-4:2023 is now published.

Motion #4: Create a new project (PAR) to adopt the IEC 61280-1-4:2023 document.

Moved: Bulent Kose; Second: Roman Shubochkin; Result: Passed without objection

Oct Update: Review PAR and make motion to approve.

M#: xxxx S: xxx Result:



Meeting Notice & Agenda

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

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

Oct Update: Document is in CDV

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

June Update: Apply technical comments on Tracer colors when 598 Ballot is issued. Need an update from Pete Pondillo to continue correspondence.

Oct Update: Need to see if there is still interest in this project. If no interest we should make motion to end this work

3. Recession/Obsolete Documents Discussions

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

June Update: Withdrawn

Oct Update: None part of FOTP plan

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

June Update: Still active FOTP 54B

Oct Update:

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?



Meeting Notice & Agenda

4. New Business

4.1. Discussion about Multicore Fiber

Daniel M. Smith
President and Principal Engineer
Nest Technical Services, Inc

4.2. FOTPs past 10 years old – Make motions on FOTPs that are over 10 years old.

4.2.1. TIA-455-28 FOTP-28 Measuring Dynamic Strength and Fatigue Parameters of Optical Fibers by Tension

June Update:

Motion #6: Keep TIA Only; Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Note: Helmut Knehr (Ericsson) to provide update at next meeting

Oct Update: No action required document to be TIA only.

4.2.2. TIA-455-30 FOTP-30 Frequency Domain Measurement of Multimode Optical Fiber Information Transmission Capacity

Withdrawn

4.2.3. TIA-455-38 FOTP-38 Measurement of Fiber Strain in Cables under Tensile Load

June Update:

Motion #20 Reopen as ANS document.

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Derek Huffman, Corning

Oct Update: Derek Huffman to present draft TR42.12-2023-09-004

[Review PAR and make motion to Approve.](#)

M#: xxxx S: xxx Result:

4.2.4. TIA-455-58 FOTP-58 Core Diameter Measurement of Graded-Index Optical Fibers

June Update:

Motion #8: Keep TIA Only; Withdraw from ANSI



Meeting Notice & Agenda

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.5. 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

June Update

Motion #13 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.6. TIA/EIA-455-81 FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable

June Update:

Motion #14 Reopen as ANS document

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Derek Huffman, Corning

Oct Update: Derek Huffman to present draft TR42.12-2023-09-005

[Review PAR and make motion to Approve.](#)

[M#: xxxx S: xxx Result:](#)

4.2.7. TIA-455-84 FOTP-84 Jacket Self-Adhesion (Blocking) Test for Optical Fiber Cable

June Update:

Motion #17 Reopen as ANS document

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Zach Clampitt, Commscope

[Review PAR and make motion to Approve.](#)

[M#: xxxx S: xxx Result:](#)



Meeting Notice & Agenda

4.2.8. TIA/EIA-455-88 FOTP-88 Fiber Optic Cable Bend Test

Motion #9 Reopen as ANS document.

June Update:

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Michael Stover, OCC

[Review PAR and make motion to Approve.](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)

4.2.9. TIA-455-89 FOTP-89 Optical Fiber Cable Jacket Elongation and Tensile Strength

Motion #18 Reopen as ANS document

June Update

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Michael Stover, OCC

[Review PAR and make motion to Approve.](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)

4.2.10. TIA-455-91 FOTP-91 Fiber Optic Cable Twist-Bend Test

June Update

Motion #19 Reopen as ANSI document

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Michael Stover, OCC

[Review PAR and make motion to Approve.](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)



Meeting Notice & Agenda

**4.2.11. TIA/EIA-455-98 FOTP-98 Fiber Optic Cable External Freezing Test
Motion #15 Reopen as ANS document**

June update

Moved: Michael Stover; Second: Greg Sandels; Objections: None; Result: Passed without objection

Editor: Michael Stover, OCC

[Review PAR and make motion to Approve.](#)

M#: xxxx S: xxx Result

4.2.12. TIA-455-106 FOTP 106 Procedure for Determining Threshold Current of Semiconductor Lasers (also see NECA NEIS 301)

June update

Motion #21 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.13. TIA/EIA-455-113 Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by the Fixed Analyzer Method

June Update:

Motion #11 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.14. TIA-455-124 FOTP124 Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by Interferometry; **Obsolete Check**

Oct Update: Still shows active do we need to obsolete this FOTP?



Meeting Notice & Agenda

4.2.15. TIA/EIA-455-132 FOTP-132 Measurement of the Effective Area of Single-Mode Optical Fiber

June Update:

Motion #10 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.16. TIA/EIA-455-169 FOTP-169 Chromatic Dispersion Measurement of Single-Mode Optical Fibers by the Phase-Shift Method

June Update

Motion #16 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.17. TIA-455-179 FOTP-179 Inspection of Cleaved Fiber End Faces by Interferometry.

June Update

Motion #5: Keep TIA Only; Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.2.18. TIA/EIA-455-181 Lightning Damage Susceptibility Test For Fiber Optic Cables With Metallic Components (see also NECA/FOA 301)

June Update:

Motion #12 Keep TIA Only ...Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection



Meeting Notice & Agenda

Oct Update: No action required document to be TIA only.

4.2.19. TIA-455-220 FOTP-220 Differential Mode Delay Measurement of Multimode Fiber in the Time Domain

June Update:

Motion #7: Keep TIA Only; Withdraw from ANSI

Moved: Greg Sandels; Second: Zach Clampitt; Objections: None; Result: Passed without objection

Oct Update: No action required document to be TIA only.

4.3. FOTPs that will be 10 years old in 2024 – Make motions on FOTPs that will be 10 years old in 2024.

4.3.1. TIA-455-12 FOTP-12 Fluid Immersion Test for Fiber Optic Components

June Update:

Motion #23 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.2. TIA-455-15 FOTP- 15 Altitude/Immersion of Fiber Optic Components

June Update

Motion #27 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only



Meeting Notice & Agenda

M#: xxxx

S: xxx Result

4.3.3. TIA-455-31 FOTP-31 Proof Testing Optical Fibers by Tension **Motion**

June Update

Motion #33 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx

S: xxx Result

4.3.4. TIA-455-33 FOTP-33 Optical Fiber Cable Tensile Loading and Bending Test

June Update

Motion #24 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx

S: xxx Result

4.3.5. TIA-455-37 FOTP-37 Low or High Temperature Bend Test for Fiber Optic Cable

June Update

Motion #28 Update FOTP-37 and submit PAR for Committee ballot

Moved: Thomas Schmalzigaug; Second: Roman Shubochkin; Objections: None; Result: Passed without objection

Editor: Thomas Schmalzigaug, Huber-Suhner

Oct Update

Review Ballot and make motion to move to ANSI ballot.

M#: xxxx

S: xxx Result



Meeting Notice & Agenda

4.3.6. TIA-455-39 FOTP-39 Optical Fiber Cable Water Wicking Test

June Update

Motion #34 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.7. TIA-455-41 FOTP- 41 Compressive Loading Resistance of Optical Fiber Cables

June Update

Motion #43 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only

M#: xxxx S: xxx Result

4.3.8. TIA-455-54 FOTP- 54-B Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers

Withdrawn

Oct Update: This still shows active...Actions from group

4.3.9. TIA-455-57 FOTP-57 Preparation and Examination of Optical Fiber Endface for Testing Purposes

June Update Motion # 29 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document



Meeting Notice & Agenda

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

- 4.3.10.** TIA-455-72 "FOTP- 72 Procedure for Assessing Temperature and Humidity Cycling Exposure Effects on Mechanical Characteristics of Optical Fibers

June Update

Motion #41 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only

M#: xxxx S: xxx Result

- 4.3.11.** TIA-455-73 FOTP- 73 Procedure for Assessing Temperature and Humidity Cycling Exposure Effects on Mechanical Characteristics of Optical Fibers

June Update

Motion #42 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only

M#: xxxx S: xxx Result

- 4.3.12.** TIA-455-85 FOTP-85 Fiber Optic Cable Twist Test

June

Motion #35 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.



Meeting Notice & Agenda

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.13. TIA-455-87 FOTP-87 Fiber Optic Cable Knot Test

June

Motion #36 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.14. TIA-455-100 Gas Leakage Test for Gas-Blocked Fiber Optic Cables

June

Motion #44 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.15. TIA-455-123 FOTP-123 Measurement of Optical Fiber Ribbon Dimensions

June

Motion #30 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result



Meeting Notice & Agenda

4.3.16. TIA-455-131 FOTP-131 Measurement of Optical Fiber Ribbon Residual Twist

June

Motion # 31 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.17. TIA-455-133 FOTP- 133 IEC-60793-1-22 Optical Fibres- Part 1-22: Measurement Methods and Test Procedures- Length Measurement

June

Motion #25 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANSI document

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only

M#: xxxx S: xxx Result

4.3.18. TIA-455-141 FOTP-141 Twist Test for Optical Fiber Ribbons

June

Motion #37 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result



Meeting Notice & Agenda

4.3.19. TIA-455-162 FOTP-162 Optical Fiber Cable Temperature Humidity

Motion #38 Reaffirm

June

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.20. TIA-455-183 FOTP-183 Hydrogen Effects on Optical Fiber Cable

Motion #32 Reaffirm

June

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.21. TIA-455-192 FOTP-192 H-Parameter Test Method for Polarization-Maintaining Optical Fiber

June

Motion #39 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result



Meeting Notice & Agenda

4.3.22. TIA-455-193 Polarization Crosstalk Method for Polarization- Maintaining Optical Fiber and Components

June

Motion #40 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result

4.3.23. TIA-455-195 FOTP- 195 IEC-60793-1-21 Optical Fibres- Part 1-21: Measurement Methods and Test Procedures- Coating Geometry

June

Motion #26 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process. Note: will also require Status Change request form since this is a TIA document only

M#: xxxx S: xxx Result

4.3.24. TIA-455-204 FOTP-204 Measurement of Bandwidth on Multimode Fiber

June

Motion #22 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct Update

Review PAR and make motion to Approve reaffirmation process.

M#: xxxx S: xxx Result



Meeting Notice & Agenda

4.4. FOTPs that will be 5-9 years old– Make motions on FOTPs that will be 5-9 years old in 2024.

4.4.1. TIA-455 General requirements for standard test procedures for optical fibers, cables, transducers, sensors, connecting and terminating devices, and other fiber optic components

June

Motion #49 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result

4.4.2. TIA-455-16 FOTP-16 Salt Spray (Corrosion) Test for Fiber Optic Components

June

Motion #51 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result

4.4.3. TIA-455-25 FOTP-25 Impact Testing of Optical Fiber Cables

June

Motion #47 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result



Meeting Notice & Agenda

4.4.4. TIA-455-48 FOTP- 48 Measurement of Optical Fiber Cladding Diameter Using Laser-Based Instructions

June

Motion #52 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

[Oct update.](#)

[Make motion to delay these PARs until Feb 2024 Meeting](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)

4.4.5. TIA-455-56 Test Method For Evaluating Fungus Resistance of Optical Fiber and Cable

June

Motion #46 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

[Oct update.](#)

[Make motion to delay these PARs until Feb 2024 Meeting](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)

4.4.6. TIA-455-71 FOTP-71 Procedure to Measure Temperature- Shock Effects on Fiber Optic Components

June

Motion #53 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

[Oct update.](#)

[Make motion to delay these PARs until Feb 2024 Meeting](#)

[M#: xxxx](#) [S: xxx](#) [Result](#)



Meeting Notice & Agenda

4.4.7. TIA-455-86 FOTP-86 Optical Fiber Cable Jacket Shrinkage

June

Motion #50 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result

4.4.8. TIA-455-104 FOTP-104 Fiber Optic Cable Cyclic Flexing Test

June

Motion #48 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result

4.4.9. TIA-455-234 FOTP-234 IEC-60793-1-52 Optical Fibres – Part 1-52: Measurement Methods and Test Procedures - Change of Temperature

June

Motion #45 Reaffirm

Moved: Greg Sandels; Second: Derek Huffman; Objections: None; Result: Passed without objection

Start reaffirmation as ANS document.

Oct update.

Make motion to delay these PARs until Feb 2024 Meeting

M#: xxxx S: xxx Result

4.5. Closing Items

Request xxx hours for xxx meeting



Meeting Notice & Agenda

4.6. Next meetings

Feb 5-9 2024 (TBD)

4.7. Meeting Close

Motion #: *Move to close meeting*

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

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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.

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- 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

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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: September 27, 2023
 Time: 8:00AM to 12:00PM CDT (Flex Schedule)
 Location: Renaissance Tulsa Hotel & Convention Center
 6808 South 107th East Avenue
 Tulsa, OK 74133
 1-918-307-2600
 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/703484464580310880>

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 (TR42.13-2023-09-001).

1.4. Previous Meeting Report Review and Approval

Review and approve the previous approved meeting report (TR42.13-2023-06-008) that has been approved by TIA and posted to TIACConnect.

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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
TR42.13-2023-06-008	June 7, 2023 Approved Meeting Report	S. Xu	CommScope
TR42.13-2023-09-001	September 27, 2023 Meeting Agenda	Xu/Buchter	CommScope/USConec
TR42.13-2023-09-002	IEC 86B Liaison Report	D. Huffman	Corning
TR42.13-2023-09-003	CENELEC Liaison Report	T. Schmalzigaug	Huber+Suhner
TR42.13-2023-09-004	TR-42.13 AIM FOCIS Standardization Proposal	D. Smith	Nest
TR42.13-2023-09-005	Fiber Optic Connector Intermateability Standard, Type AIM	D. Smith	Nest
TR42.13-2023-09-006	TR42.13 Document Maintenance TF Progress Update	S.Xu	CommScope
TR42.13-2023-09-007	TR42.13 Document List	S.Xu	CommScope

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	Greg to review the next IEC series to adopt and potentially bring PAR at the next meeting.	
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AI #2	To refresh and present the IEC 61753-1 series overview again and potentially bring PARs at the September meeting. – Greg & Derek	
AI #3	Reserve TIA document numbers for the IEC 61753-1 adoption series. – Greg	
AI #4	-Submit PARs to adopt IEC 61755-3-31 and IEC 61755-3-32 before the September meeting. – Greg	
AI #5	-Reserve TIA documents to adopt IEC 63267-1, 63267-2 and 63267-3 series. Bring PARs at the September meeting. – Greg	
AI #6	Schedule an interim meeting with the Document Maintenance Task Group and review scope. -Sunny	

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	Submitted for Publication
ANSI/TIA-622.1	(Adoption of IEC 61755-2-1:2022) non-angled	Submitted for Publication
ANSI/TIA-622.2	(Adoption of IEC 61755-2-2:2022) angled	Submitted for Publication
ANSI/TIA-623	(Adoption of IEC 61755-3-1)	Greg to bring PARs

4. New Business

4.1. Contributions

4.1.1. TR-42.13 AIM FOCIS Standardization Proposal – D. Smith

4.1.2. FIBER OPTIC CONNECTOR INTERMATEABILITY STANDARD, TYPE AIM – D. Smith

4.2. New Projects and Proposals

Publication	Title	Action Due	Recommendation per TF
TIA-455-171-B	FOTP-171 Attenuation by Substitution Measurement for Short Length Multimode Graded Index and Single-Mode Optical Fiber Cable Assemblies	4/30/2023	Reaffirm.
TIA-455-225	FOTP-225 IEC 61745 End-Face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets	8/31/2019	Adopt new edition of IEC 61745:2017.
TIA-455-231	FOTP-231 IEC 61315 – Calibration of Fibre-Optic Power Meters	8/10/2019	Adopt the new edition IEC 61315:2019.

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TIA-604-5-F	FOCIS 5 Fiber Optic Connector Intermateability Standard - Type MPO	2/14/2023	Reaffirm.
ANSI/TIA-604-18-A	FOCIS 10 Fiber Optic Connector Intermateability Standard - Type MPO-16	9/30/2022	Reaffirm.

5. Document Maintenance

Review progress of TIA-TR42.13 document maintenance list.

6. New Action Items Review

7. Upcoming 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)

8. Adjournment

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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.

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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, September 27, 2023
Time: 8:00 am - 10:00 am Central Time (CT)

Location: Hybrid: Tulsa, OK / GoToWebinar

Chair: Cindy Montstream – Legrand, 860-208-5261
Vice Chair: Jonathan Jew – J&M Consultants, 415-515-4304

Meeting GoToWebinar Registration Link:
[Wednesday, September 27, 2023, 8:00am - 10:00am CT](#)

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 (TR423-2023-09-011a)

1.4. Previous Meeting Report Review and Approval (TR423-2023-06-010)



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
2023-06-010	June Omaha Meeting Report	TR-42.3	Jew
2023-09-011a	September Tulsa Meeting Notice & Agenda	TR-42.3	Montstream
2023-09-012	TIA-569-F Draft	TR-42.3	Emplit
2023-09-013	TIA-607-E Recirculation Ballot #1 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	Recirculation Ballot #1
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 Recirculation Ballot #1 (TR423-2023-09-013)
- Next steps (Recirculation Ballot / Publish)

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

- Review TIA-569-F draft (TR423-2023-09-012)
- Next steps (New Ballot / Defer until more work is done on consolidated standard / Other)

3. New Business

3.1. How can we better organize subcommittee work?

4. Action Items

5. Meetings

5.1. Future Meeting Dates

- 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

AVAILABILITY OF MEETING DOCUMENTS:

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Meeting Notice & Agenda

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- 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, September 27, 2023: 10:30 am – 6:00 pm CDT**
 Thursday, September 28, 2023: 8:00 am – 12:00 pm CDT

Location: **Hybrid: Tulsa, OK / GoToWebinar**

Chair: **Cindy Montstream – Legrand, 860-208-5261**

Vice-Chair: **Diane Forbes – NIS, 503-246-8585**

Meeting GoToWebinar Registration Link:

[Wednesday, September 27, 2023, 10:30 am - 6:00 pm CDT](#)

[Thursday, September 28, 2023, 8:00 am - 12:00 pm CDT](#)

1. Administration/General Business

1.1 Call to order

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1.2 Attendance (Call Quorum, Introductions, Electronic Roster)

1.3 Current Meeting Agenda Review and Approval (TR421-2023-09-027)



1.4 Previous Meeting Reports Review and Approval

- **June Meeting Report (TR421-2023-06-026)**

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
TR421-2023-06-026	June Meeting Report	Forbes	TR-42.1
TR421-2023-09-027	September Meeting Notice & Agenda	Montstream	TR-42.1
TR421-2023-09-028	TIA-942-C Recirculation Ballot #2 Comments with Editor Recommendations	Jew	TR-42.1
TR421-2023-09-029	TIA-570-E Recirculation Ballot #1 Comments with Editor Recommendations	Drenovsky	TR-42.1
TR421-2023-09-030	TSB-6000 Application Table Draft	Xu	TR-42.1
TR421-2023-09-031	PAR for Consolidation of TIA-568.0, TIA-568.1 & TIA-862	Montstream	TR-42.1
TR21-2023-09-032	Draft of Standard Consolidating TIA-568.0, TIA-568.1 & TIA-862	Emplit	TR-42.1
TR421-2023-09-033	Contribution on Liquid Cooling	Suren Babu	Panduit

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	Recirculation Ballot #1
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 #2
ANSI/TIA-1179-B	Healthcare Facility Telecommunications Infrastructure Standard	2023	Published in June
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	Recirculation 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
TIA-TSB-6000	Application Tables	In progress	Draft



2 Old business

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

- Ballot did not go out after June meeting
- Next step: Recirculation ballot, limited to technical changes (Approved in June meeting)

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

- Published in June

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

- Wasn't submitted for recirculation ballot
- Hope to submit for a recirculation ballot after September meeting (Recirculation ballot approved in January meeting)

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

- Comment resolution of Recirculation Ballot #2 comments (TR421-2023-09-028)
- Liquid Cooling Contribution – Suren Babu (TR421-2023-09-033)
- Next steps (Recirculation Ballot/Publish)

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

- Comment resolution of Recirculation Ballot #1 comments (TR421-2023-09-029)
- Next steps (Recirculation Ballot/Publish)

2.6 TSB-6000 (Application Tables) (Editor: Sunny Xu)

- Review draft from editor (TR421-2023-09-030)
- Next steps (New Ballot / Other)

2.7 Consolidation of 568.0, 568.1 and 862 standards (Editor: Ray Emplit)

- Review & approve PAR for consolidated standard project (TR421-2023-09-031)
- Review draft of consolidated standards (TR421-2023-09-032)
- Determine next steps (Task Group / New Ballot / Other)



3 New Business

3.1 How can we better organize subcommittee work?

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

- 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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- Enter your *Password*
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- Scroll down the page and select "*TR-42.1 Premise Telecommunications Infrastructure*"
- Click on "*Documents*" and then select the 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
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: September 28, 2023
Time: Immediately following TR42.1
1:30 PM – 2:30 PM CDT – approximate flex time
Location: Tulsa, OK & Hybrid Virtual GoToWebinar
Chair: Ron Tellas – Belden
Vice Chair: vacant

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

An interim election will be held in 2024 to fill the Vice Chair position vacated by Scott Payton. This post will be for the balance of 2024 until the regularly scheduled elections in 2025.

1.4 Agenda review and approval

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Meeting Notice & Agenda

1.5 Intellectual property rights (early disclosure policy)

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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
TR425-2023-06-07	Meeting Report June 2023	Belden	Tellas
TR425-2023-09-09	Working Dictionary	Belden	Tellas
TR425-2023-09-08	Meeting Agenda September 2023	Belden	Tellas

1.6 Meeting report review and approval

TR425-2023-06-07 Meeting Report June 2023

2 Old business

3 New business

- An interim election will be held in 2024 to fill the Vice Chair position vacated by Scott Payton. This post will be for the balance of 2024 until the regularly scheduled elections in 2025.

3.1 Definitions

3.2 Acronyms

4 Next Subcommittee meeting.

- 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

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.5 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

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- Click the "Communities" tab and then select "All My Communities"
- Scroll down the page and select "TR-42.5 Telecommunications Infrastructure Terms and Symbols"
- Click on "Documents" and then select the "2021-06 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).

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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 within one week of meeting adjournment.

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

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Meeting Notice & Agenda

TR-42 Telecommunications Cabling Systems Engineering Committee

Date: September 29, 2023
Time: 8:00AM-11:30AM CDT
Location: Tulsa, OK & 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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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)

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Meeting Notice & Agenda

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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

- February 5-9 2024, hybrid (date fixed, location TBD) *note will select 2025 dates at this meeting

5.1. Subsequent Meetings

- June 3-7 2024 hybrid (date fixed, location TBD)
- October 7-11 2024 hybrid (date fixed, location TBD)

6. Meeting schedule for February 2024

7. Adjournment

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- Scroll down the page and select "TR-42 Telecommunications Cabling Systems"
- Click on "Documents" and then select the subfolder for the meeting

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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

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