



Telecommunications Industry Association

1310 North Courthouse Road, Suite 890
Arlington, VA 22201 | www.tiaonline.org

Approved by General Counsel

TR-42 Opening Plenary Meeting

Date: 05 February 2024

Location: Charleston, SC

Approved: 26 February 2024



Opening Plenary Meeting Report

TR-42 Telecommunications Cabling Systems Engineering Committee

Date: February 05, 2024
 Time: 9:30 am – 12:00 pm EST
 Location: Charleston, SC & Hybrid Virtual GoToWebinar
 Chair: Henry Franc
 Vice Chair: Cindy Montstream
 Secretary & EDC: Jonathan Jew

1. Administrative/General Business

1.1. Call to Order

The chair, Henry Franc, called the meeting to order at 9:30 AM EST.

Attendees were advised of the Important Notice of Participation

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 communities.

1.2. Attendance (Call Quorum, Introductions, Roster)

The attendees introduced themselves and registered attendance using the on-line system. Attendees:

Last Name	First Name	Organization	Last Name	First Name	Organization
Aekins	Rob	Legrand	Martis	Nash	Morrison Hershfield
Aguilar	Juan Pablo	Day2 Consultores	McElroy	Andy	Harger
Allen	Bill	OFS	McGarry	Tom	TIA
Angra	Nik	AFL	Mikhael	Michael	Johns Hopkins
Babu	Suren	Panduit	Montstream	Cindy	Legrand
Barrera	Dan	Trend	Patil	M V	Data Center Media
Broughton	Adam	Sumitomo	Pelletier	Antoine	Intertek
Buchter	Shelly	US Conec	Pickles	Tim	Surtec
Calle	Olivier	Fluke	Pressey	Jacquelynn	US Navy
Cassidy	Dan	UL LLC	Rice	Henry	Proterial
Celella	Brian	Siemon	Royer	Tyler	Senko
Clampitt	Zach	CommScope	Sandels	Greg	OFS
Cruz	Ana	Belden	Savi	Olindo	Hubbell
DiMinico	Christopher	MC Comm	Schmalzigaug	Thomas	Huber Suhner

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Dupuis	Marc	Winchester	Schmidt	Rainer	Harting
Ehredt	Al	Telegartner	Sechrist	Shad	Lynn
Eischens	Scott	CommScope	Shariff	Masood	CommScope
Fluet	Jacques	TIA	Shubochkin	Roman	OFS
Forbes	Diane	NIS	Shuman	Brian	Belden
Ford	Christin	Superior Essex	Silveira	Jeff	BICSI
Franc	Henry	Belden	Smith	Dan	Nest Tech Svcs
Gilbert	Jim	DXC	Stikeleather	Derrick	OCC
Girma	Solomon	Superior Essex	Stover	Michael	OCC
Goldsmith	Elizabeth	TIA FOTC	Su	Sheng-Kai	Dan-Chief
Gurreri	Mike	CommScope	Tameh	Tara	Belden
Harpel	Todd	Leviton	Tanis	David	AFL
Henriques	Fabianne	Furukawa	Tassone	Anthony	UL LLC
Hess	Dave	Cord Data	Taylor	Todd	AECOM
Huffman	Derek	Corning	Tellas	Ronald	Belden
Irwin	Phil	Panduit	Thibideau	Cheryl	TIA
Jenkins	Teesha	TIA	Thomlinson	Les	DND
Jew	Jonathan	J&M Consultants	Thwaites	Steve	Prysmian
Jimenez	Andy	Wesco	Toland	Henson	HFCL
Knychalski	Thomas	Legrand	Urbanic	William	US Navy
Kozischek	David	Corning	Voss	Bob	Panduit
Kumar	Anand	RiT Tech	Winston	William	Fluke
Lambert	Angela	Corning	Woodman	Brad	Molex
Mahoney	Patrick	AECOM	Xu	Sunny	CommScope
			Zimmerman	George	CME Phy Cons

1.3. Current Meeting Agenda Review and Approval

The meeting agenda (TR42-2024-02-008) was approved without objection.

1.4. TIA Intellectual Property Rights (Early Disclosure Policy)

The Chair brought to the attention of the attendees the TIA policy regarding intellectual property rights:

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.



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1.5. TIA Welcome and Update

Tom McGarry, VP of Standards for TIA, announced the TIA Lifetime Award for Ray Harger of Emplit.

Tom McGarry reviewed 2024-02-019, the TIA update regarding action items from the previous meeting. The audit is still ongoing. There will need to be updates to the ECOP (Engineering Committee Operations Procedures) that come out of the audit, and possibly further updates to make closing ballots simpler and improve the operation of the committees.

TR-42 reviewed 2024-02-019, the TIA update from Tom McGarry regarding the open action items from the previous TR-42 plenary.

1.6. Distribution of documents and contributions

The following documents were distributed on TIA Connect in the TR-42 Telecommunications Cabling Systems community, under Documents, in the TR-42 Telecommunications Cabling Systems/2024 Meetings/2024-02 Charleston Hybrid folder.

Document #	Title	Company	Contributor
2024-02-002	Opening Plenary Engagement Report	TR-42	Franc
2024-02-008	TR-42 Opening Plenary Agenda February 2024	TR-42	Franc
2024-02-010	TR-42 Opening Plenary Report	TR-42	Franc
2024-02-011	TR-42.1 Opening Plenary Preview	TR-42.1	Montstream
2024-02-012	TR-42.3 Opening Plenary Preview	TR-42.3	Montstream
2024-02-013	TR-42.5 Opening Plenary Preview	TR-42.5	Tellas
2024-02-014	TR-42.7 Opening Plenary Preview	TR-42.7	Ceella
2024-02-015	TR-42.9 Opening Plenary Preview	TR-42.9	Shuman
2024-02-016	TR-42.11 Opening Plenary Preview	TR-42.11	Irwin
2024-02-017	TR-42.12 Opening Plenary Preview	TR-42.12	Kozischek
2024-02-018a	TR-42.13 Opening Plenary Preview	TR-42.13	Xu
2024-02-019	TIA Update Feb 2024 re Action Items	TIA	McGarry
2024-02-020	IEEE 802.3 Liaison Report	IEEE 802.3	DiMinico
2024-02-021	ISO IEC JTC1 SC25 WG3 Report	US TAG	Hess
2024-02-022	IEC TC 46, IEC SC 46C & IEC SC 48B Report	US TAG	Hess
2024-02-023	IEC SC86A Liaison Report	US TAG	Kozischek
2024-02-024	IEC SC86B Liaison Report	US TAG	Huffman
2024-02-025	IEC SC86C Liaison Report	US TAG	Pondillo
2024-02-027	BICSI Liaison Report	BICSI	Silviera
2024-02-029	NFPA CMP 16 Liaison Report	TIA	Poulsen
2024-02-030	TIA Update Feb 2024	TIA	Stehlin

1.7. Chair's Report and General Items

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1.7.1. TR-42 Opening Plenary Report

The Chair presented the Opening Plenary Report (TR42-2024-02-010).

TR-42 thanked Tiger Ninomiya for his contributions to TR-42.

TR-42 remembered Ray Emplit for his leadership and many contributions to the industry.

The Chair presented the Opening Plenary Engagement Report (TR42-2024-02-002).

1.7.2. TIA Connect Reminder

TR-42 has been migrated to TIA Connect (<https://connect.tiaonline.org/home>).

- No files can be uploaded to the ftp site, but the ftp site remains available for old documents.
- All processes related to the development of a TR-42 standard are managed through TIA Connect.
- All emails to TR-42 participants will be sent via TIA Connect. The new email distribution lists are:
 - o TR-42 - TIA-TR42@ConnectedCommunity.org
 - o TR-42 Leadership – TIA-TR42L@ConnectedCommunity.org
 - o TR-42.1 – TIA-TR421@ConnectedCommunity.org
 - o TR-42.3 - TIA-TR423@ConnectedCommunity.org
 - o TR-42.5 - TIA-TR425@ConnectedCommunity.org
 - o TR-42.7 - TIA-TR427@ConnectedCommunity.org
 - o TR-42.9 - TIA-TR429@ConnectedCommunity.org
 - o TR-42.11 - TIA-TR4211@ConnectedCommunity.org
 - o TR-42.12 - TIA-TR4212@ConnectedCommunity.org
 - o TR-42.13 - TIA-TR4213@ConnectedCommunity.org
 - o USTAG SC 86A - TIA-TAG86a@ConnectedCommunity.org
 - o USTAG SC 86B - TIA-TAG86B@ConnectedCommunity.org
 - o USTAG SC 25 WG3 - TIA-TAG25WG3@ConnectedCommunity.org
- Email notifications to your business/personal email accounts do not include the attachments. Email attachments can be retrieved from TIA Connect.

1.7.3. Rules for attendance to maintain quorum membership

The requirements for company voting rights (membership in quorum) defined in the TIA Engineering Committee Operating Procedures (ECOP).

- Membership is by company/organization.
- One vote per company/organization.
- Quorum is required to vote on a resolution during a meeting.
- Quorum is not required to vote or comment on a standard.
- Quorum is not required to speak in favor or against a resolution during a meeting.
- Quorum is established separately for the TR-42 plenary (in the closing plenary) and in each TR-42 subcommittee.
- Voting rights (membership in quorum) are established through attendance in two consecutive meetings with voting rights established after a quorum is declared at the second of those two meetings.
- Voting rights (loss of membership of quorum) is lost after three successive meetings without representation.



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- Voting rights are also suspended if a member is in default of payment of membership fees and returns when the organization returns to good standing.

1.7.4. Updated Editors Guide

TIA Legal is reviewing the TR-42 Editor's Guide approved at the last TR-42 meeting. TIA informs us that the Editor's Guide may require some minor updates to ensure that it doesn't conflict with the ECOP and PANS. Proposed updates by TIA Legal will be made with 'changes tracked'. The work by TIA will be done after the ANSI audit is complete. Cindy Montstream will take ownership of the revised TR-42 Editor's Guide.

1.7.5. Updates to Procedures Resulting from ANSI Audit

Tom McGarry, the Director of Standards for TIA, reviewed the status of the ANSI Audit. Subcommittees are encouraged to reach out to TIA with any questions regarding balloting procedures as the audit is not yet complete.

1.7.6. Update from TIA regarding making the TIA dictionary available

Tom McGarry reported that the TIA Working Dictionary maintained by TR-42.5 is now available online at <https://tiaonline.org/resource/tr-42-cabling-systems-dictionary/>

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

1.7.8. Current List of Liaisons

Liaised Organization (Other)	Liaison From Other	Liaison To Other
CSA	Vacant	Vacant
ICEA	Michael Stover	Dave Kozischek
IEEE	Chris DiMinico	Bob Voss
ODVA	McKenzie Reed	Bob Voss

There is currently no liaison between CSA and TIA TR-42.

2. Task Group Reports

2.1. NEC Input Task Group Report

Ron Tellas reported that there is no NEC Input Task Group report as the time for public input is past. TIA can only vote on the outcome of the First Revision outcome, which will be covered by the NFPA CMP 16 Liaison Report.

3. Subcommittee work items this week

3.1. TR-42.1 – Premises Telecommunications Infrastructure

Cindy Montstream presented TR42-2024-02-011.

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

Cindy Montstream presented TR42-2024-02-012.

3.3. TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Ron Tellas presented TR42-2024-02-013.

3.4. TR-42.7 – Telecommunications Copper Cabling Systems

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Brian Celella presented TR42-2024-02-014.

3.5. TR-42.9 – Industrial Telecommunications Infrastructure

Brian Shuman presented TR42-2024-02-015.

3.6. TR-42.11 – Optical Fiber Systems

Phil Irwin presented TR42-2024-02-016.

3.7. TR-42.12 – Optical Fibers and Cables

David Kozischek presented TR42-2024-02-017.

3.8. TR-42.13 – Passive Optical Devices and Fiber Optic Metrology

Sunny Xu presented TR42-2024-02-018a.

4. Liaison letters and reports

4.1. Incoming liaison letters

There were no incoming liaison letters.

4.2. Liaison reports

4.2.1. IEEE 802.3

Chris DiMinico presented TR42-2024-02-020, the IEEE 802.3 report.

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

Dave Hess presented TR42-2024-02-021, the ISO IEC JTC1 SC25 WG3 Report.

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

Dave Hess presented TR42-2024-02-022, the IEC TC 46, IEC SC 46C & IEC SC 48B Report.

4.2.4. IEC TC 86

4.2.4.1. SC 86A

David Kozischek presented TR42-2024-02-023, the SC 86A report.

4.2.4.2. SC 86B

Derek Huffman presented TR42-2024-02-024, the SC 86B report.

4.2.4.3. SC 86C

Pete Pondillo provided TR42-2024-02-025, the SC 86C report. It will be reviewed in TR-42.11.

4.2.5. ODVA/SC 65C JWG 10

There was no ODVA Liaison Report.

4.2.6. BICSI

Jeff Silveira presented TR42-2024-02-027, the BICSI Liaison Report.

4.2.7. NFPA

4.2.7.1. Panel 3



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Ward Judson's NFPA CMP Panel 3 report was combined with the CMP 16 report.

4.2.7.2. Panel 16

Ron Tellas presented TR42-2024-02-029 the NFPA CMP 16 Liaison Report produced by him and Jeff Poulsen

4.2.8. FOTC

Elizabeth Goldsmith presented the revision of the TIA FOTC standards explorer at <https://www.tiafotc.org/tia-standards-update/>

4.2.9. SPEC

There was no SPEC Report.

5. TR-42 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. This week's meetings should reflect our virtual meetings.

A subfolder named 'Photo Contest' will be created for each meeting in the TR-42_MAIN working folder for each meeting. Please send your photos to either Henry Franc or Jonathan Jew by 6 pm on Thursday the week of each meeting.

The winner of last meeting's photo contest was 'Butterfly' by Christin Ford.

6. New business and output documents

6.1. Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

6.2. Other

There was no other new business.

6.3. Action items derived from this meeting & the leadership meeting

1. TIA to provide a web page on the TIA website for Lifetime Awards.
2. Henry Franc to send letter to IEEE 802.3 informing them that Bob Voss is the new liaison from TR-42.
3. Henry Franc to send an email to incoming liaison officers regarding expectations for incoming liaison reports. Liaison officers are required to send their reports to TR-42 but may defer their presentation to a subcommittee.
4. Henry Franc to determine new liaison for IEC SC 86C.
5. TR-42 subcommittees shall note their intent to send a document to another SCO in their reports.
6. Elections
 - a. TR-42 Chair and Vice-Chair at Closing Plenary
 - b. TR-42.5 Vice-Chair in TR-42.5 meeting
 - c. TR-42.7 Vice-Chair in TR-42.7 meeting



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- d. TR-42.11 Vice-Chair in TR-42.11 meeting
- e. TR-42.12 Chair and Vice-Chair in TR-42.12 meeting
- 7. TR-42 to consider dates for 2025 meetings and finalize them during the Feb 2024 meeting.
- 8. TR-42 members are requested to respond to attendance polls ensure that TIA has accurate information to book locations.
- 9. Engagement is a problem – we aren't getting accurate responses from attendance polls and enough people voting in ballots. We need to find ways for people to get more engaged.
- 10. Should we review the action items earlier in the meeting? Consider updating the meeting template.
- 11. Subcommittees are encouraged to have EDC & Secretary to provide leadership training for new participants.
- 12. TIA should consider marketing and promotion of standards would help engage more people, including within the sponsoring organization, to explain the value of participation into standards.
- 13. IEC has a young professional program to engage younger people that TIA may want to emulate.
- 14. Need to ensure that TIA follows up on action items – TR-42 leadership to follow up with TIA on these after the TR-42 meetings and before the next one.
- 15. NOTE: TIA pays a penalty if we have too few or too many people that register for the hotel room block.
- 16. NOTE: Hybrid on a best effort basis is preferred over purely in-person or purely remote.

7. Upcoming Meetings

7.1. Next meeting

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

7.2. Subsequent meetings – locations to be finalized at closing plenary

- October 7-11 2024 hybrid (date fixed, location TBD)
- 2025 dates will be determined at the closing plenary

8. Adjournment

The meeting was adjourned at 12:03 am EST.

This meeting was conducted in accordance with the TIA Legal Guidelines and the engineering procedures.

AVAILABILITY OF MEETING DOCUMENTS:

TR-42 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:

- o Go to <https://connect.tiaonline.org/home>
- o Enter your *Username* (your email address in the TIA database)
- o Enter your *Password*
- o Click "LOGIN"
- o Click the "Communities" tab and then select "All My Communities"

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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

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 Procedures 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:

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