



**Telecommunications Industry Association**

1310 North Courthouse Road, Suite 890  
Arlington, VA 22201 | [www.tiaonline.org](http://www.tiaonline.org)

**Approved by General Counsel**

TR-42 Opening Plenary Meeting

Date: 30 January 2023

Location: Tampa, FL

Approved: 16 February 2023



## Opening Plenary Meeting Report

### TR-42 Telecommunications Cabling Systems Engineering Committee

Date: January 30, 2023  
 Time: 8:00AM-10:45AM EST  
 Location: Tampa, FL & 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 8:02 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
Ahmed	Adnan	R&M	Kumar	Anand	RiT Tech
Allen	William	OFS	Lambert	Angela	Corning
Angra	Nikhil	AFL	Larsen	Wayne	CommScope
Barrera	Dan	Trend Networks	Lenz	Sean	Panduit
Born	Steve	Superior Essex	Levy	Moises	DCMETRIX
Buchter	Shelly	US Conec	Locker	Chris	Google
Cassidy	Dan	UL LLC	Martis	Nash	Morrison Hershfield
Chiou	Dachen	Dan-Chief	McGarry	Tom	TIA
Clampitt	Zach	CommScope	Meepegama	Thar	Global DC Eng
Connaughton	Mike	Leviton	Montstream	Cindy	Legrand
Crabbe	Owen	DND	Ninomiya	Tiger	Senko
Cruz	Ana Carolina	Belden	Ochoa	Miguelangel	ITTERA



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DiMinico	Christopher	MC Comm	Patel	Arvind	AEM
Drenovsky	Jeff	ESD	Patil	M V	DCM
Ehredt	Al	Telegartner	Payton	Scott	Global DC Eng
Eisele	Steve	DCS	Pickles	Tim	Surtec
Emplit	Ray	Harger	Poulsen	Jeffrey	Leviton
Fluet	Jacques	TIA	Pressey	Jacquelynn	US Navy
Forbes	Diane	NIS	Royer	Tyler	Senko
Ford	Christin	Superior Essex	Sandels	Greg	OFS
Fortier	Tanner	Proterial Cable	Savi	Olindo	Hubbell
Franc	Henry	Belden	Schmalzigaug	Thomas	Huber Suhner
Fritsche	Matthias	Harting	Schmidt	Rainer	Harting
Gilbert	Jim	DXC Technology	Shafiullah	Adam	Technavious India
Harpel	Todd	Leviton	Shuman	Brian	Belden
He	Gang	EXFO	Siev	Virak	Belden
Henriques	Fabianne	Furukawa	Stikeleather	Derrick	OCC
Hess	Dave	Cord Data	Su	ShengKai	Dan-Chief
Hormmeyer	Bernd	Phoenix Contact	Tassone	Anthony	UL LLC
Hüdepohl	Konstantin	Softing	Tellas	Ronald	Belden
Huffman	Derek	Corning	Thomlinson	Les	DND
Imrazene	Sandra	Belden	Valentukonis	Dave	The Siemon Co
Irwin	Phil	Panduit	Voss	Bob	Panduit
Jahani	Hamid	Santec	Waqas	A S	Vericom Global Sol
Jew	Jonathan	J&M Consultants	Winston	William	Fluke
Jimenez	Andrew	Wesco	Woodman	Brad	Molex
Judson	Ward	nVent Electric	Xu	Sunny	CommScope
Kozischek	David	Corning	Zimmerman	George	CME Consulting
Kumar	Himanshu	Technavious Sol			

### 1.3. Current Meeting Agenda Review and Approval

The meeting agenda (TR42-2023-01-008) 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



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Patent Holder Statement with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.

### 1.5. TIA Welcome and Update

Tom McGarry, TIA VP of Standards, presented 2023-01-030.

### 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/2023 Meetings/2023-01 Tampa Hybrid folder

Document #	Title	Company	Contributor
2023-01-004	TIA TR42 2nd report application tables 802d3 comments 23011	IEEE 802.3	DiMinico
2023-01-005	TIA Applications Ad Hoc Report 01a 230119	IEEE 802.3	DiMinico
2023-01-006	Merging TIA-568.0 and TIA-568.1	TR-42	Emplit
2023-01-007	TR-42 Editor's Guide 2023-01	TR-42	Emplit
2023-01-008a	TR-42 Opening Plenary Agenda January 2023	TR-42	Franc
2023-01-010	TR-42 Opening Plenary Report	TR-42	Franc
2023-01-011	TR-42.1 Opening Plenary Preview	TR-42.1	Forbes
2023-01-012	TR-42.3 Opening Plenary Preview	TR-42.3	Montstream
2023-01-013	TR-42.5 Opening Plenary Preview	TR-42.5	Forbes
2023-01-014	TR-42.7 Opening Plenary Preview	TR-42.7	Larsen
2023-01-015	TR-42.9 Opening Plenary Preview	TR-42.9	Woodman
2023-01-016	TR-42.11 Opening Plenary Preview	TR-42.11	Irwin
2023-01-017	TR-42.12 Opening Plenary Preview	TR-42.12	Kozischek
2023-01-018	TR-42.13 Opening Plenary Preview	TR-42.13	Sandels
2023-01-020	IEEE 802.3 Liaison Report	IEEE 802.3	DiMinico
2023-01-021	ISO IEC JTC1 SC25 WG3 Report	US TAG	Hess
2023-01-022	IEC TC 46, IEC SC 46C & IEC SC 48B Report	US TAG	Hess
2023-01-023	IEC SC86A Liaison Report	US TAG	Kozischek
2023-01-024	IEC SC86B Liaison Report	US TAG	Huffman
2023-01-025	IEC SC86C Liaison Report	US TAG	Pondillo
2023-01-027	BICSI Liaison Report	BICSI	Silviera
2023-01-028	NFPA CMP 3 Liaison Report	TIA	Judson
2023-01-030	TIA Update January 2023	TIA	McGarry

### 1.7. Chair's Report and General Items

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## Opening Plenary Meeting Report

### 1.7.1. TR-42 Opening Plenary Report

The Chair presented the Opening Plenary Report (TR42-2023-01-010).

### 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](mailto:TIA-TR42@ConnectedCommunity.org)
  - o TR-42 Leadership – [TIA-TR42L@ConnectedCommunity.org](mailto:TIA-TR42L@ConnectedCommunity.org)
  - o TR-42.1 – [TIA-TR421@ConnectedCommunity.org](mailto:TIA-TR421@ConnectedCommunity.org)
  - o TR-42.3 - [TIA-TR423@ConnectedCommunity.org](mailto:TIA-TR423@ConnectedCommunity.org)
  - o TR-42.5 - [TIA-TR425@ConnectedCommunity.org](mailto:TIA-TR425@ConnectedCommunity.org)
  - o TR-42.7 - [TIA-TR427@ConnectedCommunity.org](mailto:TIA-TR427@ConnectedCommunity.org)
  - o TR-42.9 - [TIA-TR429@ConnectedCommunity.org](mailto:TIA-TR429@ConnectedCommunity.org)
  - o TR-42.11 - [TIA-TR4211@ConnectedCommunity.org](mailto:TIA-TR4211@ConnectedCommunity.org)
  - o TR-42.12 - [TIA-TR4212@ConnectedCommunity.org](mailto:TIA-TR4212@ConnectedCommunity.org)
  - o TR-42.13 - [TIA-TR4213@ConnectedCommunity.org](mailto:TIA-TR4213@ConnectedCommunity.org)
  - o USTAG SC 86A - [TIA-TAG86a@ConnectedCommunity.org](mailto:TIA-TAG86a@ConnectedCommunity.org)
  - o USTAG SC 86B - [TIA-TAG86B@ConnectedCommunity.org](mailto:TIA-TAG86B@ConnectedCommunity.org)
  - o USTAG SC 25 WG3 - [TIA-TAG25WG3@ConnectedCommunity.org](mailto: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. Updated Editor's Guide

Ray Emplit provided an oral update regarding the TIA Editor's Guide and presented the current draft (TR42-2023-01-007). TR-42 will vote to approve the draft in the closing plenary.

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

Subcommittee chairs are requested to update the TR-42 document list for their subcommittees. There are several documents assigned to TR-42 and FO-xxx that should be assigned to subcommittees, most of them are optical fiber standards.

### 1.7.5. Odd Numbered Subcommittee Elections this week – TR-42.1, TR-42.3, TR-42.5, TR-42.7, TR-42.11 and TR-42.13

The Chair reminded TR-42 that odd subcommittees elections are this week.

### 1.7.6. Update from TIA regarding document maintenance with ICEA

TR-42.12 will discuss in its meeting this week the required document management to maintain FOTPs with ICEA.

### 1.7.7. Update from TIA regarding ability to see the names of other attendees and the name of the person speaking

Cheryl Thibideau sent an email to explain that TIA now enables all GoToWebinar attendees.



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- attendees will be able to see the attendee list
- attendees will be able to see who is speaking by scrolling through the attendee list. The Microphone icon will be displayed next to the attendees' name
- attendees will be able to see which hands are raised. To view the order of hands that are raised, click the Hand icon. The Hand icon will be displayed next to the attendees' names.

### 1.7.8. Update from TIA and TF regarding making TIA working dictionary available to the public

TIA is willing to make the TIA Working Dictionary available for view, but not download via the website. TIA is still working on functionality and will provide us with updates.

### 1.7.9. Consolidation of standards – General Session Tue Jan 31 8am-945am to discuss consolidation of standards (i.e., TIA-568.0, TIA-568.1, TIA=862) see TR42-2023-01-006

There will be a special general session meeting on Tuesday, Jan 31, 8 am – 9 45 am EST to discuss consolidation of standards. Ray Emplit provided the contribution TR42-2023-01-006, which he will present during the meeting.

## 2. Task Group Reports

### 2.1. NEC Input Task Group Report

There was no NEC Input Task Group report,

### 3. Subcommittee work items this week

#### 3.1. TR-42.1 – Premises Telecommunications Infrastructure

Diane Forbes presented TR42-2023-01-011.

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

Cindy Montstream presented TR42-2023-01-012.

#### 3.3. TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Diane Forbes presented TR42-2023-01-013.

#### 3.4. TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented TR42-2023-01-014.

#### 3.5. TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2023-01-015.

#### 3.6. TR-42.11 – Optical Fiber Systems

Phil Irwin presented TR42-2023-01-016.

#### 3.7. TR-42.12 – Optical Fibers and Cables

David Kozischek presented 2023-01-017.

TR-42.12 will perform all its work during its Wednesday meeting. Therefore, the TR-42.12 meeting on Tuesday has been cancelled as it is not needed.

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

Greg Sandels presented TR42-2023-01-018.

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### 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 TR42-2023-01-020, the IEEE 802.3 report. Chris DiMinico also reviewed IEEE 802.3 response to TR42.1's request for input on TIA-568.0 application tables (TR42-2023-01-004 and TR42-2023-01-005)

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

Dave Hess presented TR42-2023-01-021, the ISO IEC JTC1 SC25 WG3 Report.

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

Dave Hess presented TR42-2023-01-022, 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 TR42-2023-01-023, the SC 86A report.

###### 4.2.4.2. SC 86B

Derek Huffman presented TR42-2023-01-024, the SC 86B report.

###### 4.2.4.3. SC 86C

Peter Pondillo provided TR42-2023-01-025, the SC 86C report, which was provided and posted after the meeting.

##### 4.2.5. ODVA/SC 65C JWG 10

There was no ODVA Liaison Report.

##### 4.2.6. BICSI

Jeff Silveira provided TR42-2023-01-027, the BICSI Liaison Report to TR-42.

The BICSI Winter Conference is Feb 4-8, 2023, in Tampa, FL. There will be hybrid face-to-face BICSI standards meetings during the conference on Feb 5 & 6.

##### 4.2.7. NFPA

###### 4.2.7.1. Panel 3

Ward Judson presented TR-42-2023-01-028, the NFPA 70 CMP 3 liaison report.

###### 4.2.7.2. Panel 16

There was no NFPA CMP 16 Liaison Report as the 2023 edition was published. Ward Judson provided a general update for NFPA 70 in the CMP 3 report.

##### 4.2.8. FOTC



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There was no FOTC report.

### 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 'Pelicans' from Sunny Xu.

### 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

- TR-42 to approve draft Editor's Guide and to request approval by TIA Legal in TR-42 Closing Plenary.
- Subcommittee chairs to update the TR-42 document list and assign publications assigned to TR-42 and FO-xx.
- TR-42.12 will discuss in its meeting this week the required document management to maintain FOTPs with ICEA
- TIA to coordinate a meeting with TIA TR42 leadership as to access to TIA Working Dictionary.
- TIA to provide location for the next meeting shortly.
- TR-42 to consider dates for 2024 and finalize them by the June meeting. Not Feb 11, 2024 (Superbowl weekend or the following week).

### 7. Upcoming Meetings

#### 7.1. Next meeting

- June 5<sup>th</sup> through 9<sup>th</sup> 2023, tentative, hybrid (location TBA)

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

- October 2<sup>nd</sup> through 6<sup>th</sup> 2023, tentative, hybrid (location (TBA)

### 8. Adjournment

The meeting was adjourned at 10:46 am EST.





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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](https://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"
- o Scroll down the page and select "TR-42 Telecommunications Cabling Systems"
- o 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	<a href="mailto:henry.franc@belden.com">henry.franc@belden.com</a>	+1 416-476-1336
Cindy Montstream, Vice-Chair	<a href="mailto:Cindy.montstream@legrand.com">Cindy.montstream@legrand.com</a>	+1 860-208-5261
Jonathan Jew, EDC & Secretary	<a href="mailto:jew@j-and-m.com">jew@j-and-m.com</a>	+1 415-515-4304