



**Telecommunications Industry Association**

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

**Approved by General Counsel**

TR-42.11 Subcommittee on Optical

Fiber Systems

Meeting Date: 01 February 2023

Location: Tampa, FL

Approved: 13 March 2023



## Meeting Report

### TR-42.11 Optical Fiber Systems

Date: Wed. Feb 1, 2023  
Time: 8:00 am - 12:00 pm (ET)  
Location: (Hybrid) GoToWebinar / Hilton Tampa Airport Westshore. 2225 N Lois Ave.  
Tampa, FL 33607  
Chair: Phil Irwin  
Vice Chair: Dan Morris

**Meeting Schedule:** <https://connect.tiaonline.org>

**Registration:** Per GoToWebinar Registration.

**GoToWebinar Registration:** <https://attendee.gotowebinar.com/register/2275594772107204365>

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### 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

Meeting called to order at 8:09 ET.

Attendees advised of the Important Notice of Participation

##### 1.2. Attendance (Call Quorum, Introductions, Roster)

Attendance collected via GoToWebinar

Quorum was established w/ 27 of 32 quorum companies in attendance.

Elections held for Chair and Vice Chair of TR42.11

**Motion 1:** Chair: Phil Irwin. Motion: M: Dan M. S: Sunny X.

**Motion 2:** Vice Chair: Tiger Ninomiya. Motion: M: Sunny X. S: Dan M.

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## Meeting Report

The following individuals were reported as attendees

Last Name	First Name	Email Address	Organization
Ahmadi Tameh	Belden/Tara_Tameh	tara.tameh@belden.com	Belden
Ahmed	Adnan	adnan.ahmed@rdm.com	R&M
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Burton	Brandi	Brandi.burton@navy.mil	Navy
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Google	Chris Locker	clocker@google.com	Google
Gurreri	Michael	michael.gurreri@commscope.com	CommScope
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Ninomiya	Tiger	tiger.ninomiya@senko.com	SENKO
Patrick Tourreau	Photon Kinetics	patrick.tourreau@pkinetics.com	Photon Kinetics
Pondillo	Peter	pondillopl@corning.com	Corning Incorporated
Pressey	Jacquelynn	jacquelynn.m.pressey.civ@us.navy.mil	Navy
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Jew	Jonathan	jew@j-and-m.com	J&M Consultants, Inc
Kumar	RIT Tech Anand	anandk@rittech.com	RIT Tech
Patrick Tourreau	Photon Kinetics	patrick.tourreau@gmail.com	Photon Kinetics

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## Meeting Report

### 1.3. Current Meeting Agenda Review and Approval

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

**Motion 3:** Move to approve current meeting agenda. (TR42.11-2023-01-001)

M (Move): Dan M.

S (Second): Tiger N.

Result: Pass without objection or discussion.

### 1.4. Previous Meeting Report Review and Approval

The TIA-approved report of our Oct 2022 meeting has been posted.

Review previous meeting report and move to approve.

**Motion 4:** Move to approve previous meeting reports TR42.11-2022-10-007

M: Greg S.

S: Sunny X.

Result: Pass without objection or discussion.

### 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
TR42.11-2022-10-007	Phil Irwin	Panduit	Prior Meeting Reports. TIA Approved. TR42.11 Oct 2022
TR42.11-2023-01-001	Phil Irwin	Panduit	Proposed Meeting Notice and Agenda
TR42.11-2022-10-002	Phil Irwin	Panduit	PAR TIA-568.3-E-1 Addendum per Motion 5 June 2022 meeting
TR42.11-2023-01-002	Seymour Goldstein	Fluke Networks	Fiber Optic Testing Standards Overview (TIERS) v2
TR42.11-2023-01-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42.11-2023-01-004	Phil Irwin	Panduit	Polarity Content and Symbols



## Meeting Report

Document #	Contributor	Company	Title or Subject
TR42.11-2023-01-005	Jim Hayes	FOA	FO Standards Focus
TR42-2023-01-025	Pete Pondillo	Corning	IEC SC 86C Liaison Report
TR42.11-2022-06-007	Henry Franc	Belden	Contribution Supporting Comments on Default Ballot TIA 568.3-E-R4-D1
TR42.11-2022-01-006	Shelly Buchter	USConec	Vertical Oriented Polarity

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

- Pete Pondillo presented IEC SC86C Liaison Report (TR42-2023-01-025).

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

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

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

Old: [tr4211@tiacomm.org](mailto:tr4211@tiacomm.org)

New: [TIA-TR4211@ConnectedCommunity.org](mailto: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	Optical Fiber Cabling Component Standard	Complete			Published 9/29/2022
ANSI/TIA-PN-568.3-E-1	Optical Fiber Cabling Component Standard	In Development			PAR Approved. Phil I. Editor.

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## Meeting Report

ANSI/TIA-PN-526-14-D	Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant;	Complete			Published 1/23/2023
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### 3. New Business

#### 3.1. Contributions

Document #	Contributor	Company	Title or Subject
TR42.11-2023-01-005	Jim Hayes	FOA	FO Standards Focus
TR42.11-2023-01-002	Seymour Goldstein	Fluke Networks	Fiber Optic Testing Standards Overview (TIERS) v2
TR42.11-2023-01-003	Bulent Kose	Panduit	Tier Testing ad hoc TAG Overview
TR42.11-2023-01-004	Phil Irwin	Panduit	Polarity Content and Symbols
TR42-2023-01-025	Pete Pondillo	Corning	IEC SC 86C Liaison Report

#### 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.

#### Topics of Discussion:

##### Polarity

- Ad Hoc task group formulation for incorporating polarity content from TSB-5069 into 568.3-E-1 addendum. Project lead and participating volunteers
  - Group lead: Phil I. Interested members: Sunny X., Alex R., Henry F., Ana C., Dan S., Mike C., Dave V., Dave K., Tiger N., Adnan A., Shelly B., Adam B., Tyler R., Steve Eisele, Sean M., Angela L. Rich D., Sean M, Thomas S.
- Review of past contributions by Henry F. and Shelly B. concerning polarity symbols.
- Reviewed contribution TR42.11-2023-01-004 on Vertically Oriented Polarity and Implementation of Polarity Symbols. Phil Irwin. Agreed to continue discussion through Ad Hoc Task Group.

##### Tier Testing

- Ad Hoc task group 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.



## Meeting Report

- Reviewed contribution TR42.11-2023-01-003 on Tier 1 / Tier 2 Testing. Bulent Kose. Agreed to continue discussion through Ad Hoc Task Group. Add Angela L.

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

### Outside Plant Optical Systems

- Reviewed contribution TR42.11-2023-01-005 on fiber optic standards with focus on Broadband Equity, Access, and Deployment (BEAD) Program, PON, and Outside Plant. Jim Hayes. To be discussed with TR leadership for appropriate sub-committee to address.

### 3.3. Other standards committee interactions and documents for possible adoption

#### 3.3.1. None

## 4. Upcoming Meetings

Upcoming meeting June 6, 2023. Location TBD.

## 5. Adjournment

**Motion #5:** Move to adjourn.

M: Phil I.

S: Dan M.

Result: Pass without objection or discussion.

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



## Meeting Report

### 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/...](https://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](https://connect.tiaonline.org)) before the meeting.

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

- Go to [connect.tiaonline.org](https://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/...](https://connect.tiaonline.org/communities/community-home/...)

### NEW CONTRIBUTIONS:

Contributions shall use the approved templates and specific wording provided by TIA. Contributions affecting a document are to include a TIA cover sheet, proposed text to be included in the document, and the rationale/substantiation for the contribution. File templates are available on TIA Connect under the Standards Procedure Toolbox tab in the Form folder for download. All contributions shall be submitted to the electronic document coordinator (EDC). All electronic files shall be provided in either Adobe Acrobat (\*.PDF); Microsoft Word (\*.DOC); Microsoft PowerPoint (\*.PPT); or in Microsoft Excel(\*.XLS). Compressed files shall be accessible using PKUNZIP or WINZIP (\*.ZIP).

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

### LATE CONTRIBUTIONS:

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

**Questions and comments on this agenda should be submitted to:**

Phil Irwin, Chair	Phillip.Irwin@panduit.com	(708) 790-3621
Dan Morris, Vice-Chair	Dan.morris@kitcofo.com	

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