



Telecommunications Industry Association

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

Approved by General Counsel

TR-42.11 Subcommittee on Optical Fiber Systems

Meeting Date: 03 February 2021

Location: Teleconference

Approved: 22 February 2021



Meeting Report

TR-42.11 Optical Fiber Systems

Date: Feb 3, 2021
Time: 10:15 am -6:00 pm (CST)
Location: GoToWebinar (Virtual)
Chair: Phil Irwin
Vice Chair: Dan Morris

Meeting Schedule:

Registration: (Not required for virtual meeting)

GoToWebinar Registration: <https://attendee.gotowebinar.com/register/4022439456757662733>

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

Chair called the meeting to order at 10:15 AM.

Attendees advised of the Important Notice of Participation.

1.2. Attendance (Call Quorum, Introductions, Roster)

Attendance collected via GoToWebinar

Chair established quorum with 26 of 28 quorum companies in attendance.

**Telecommunications
Industry Association**

**1310 North Courthouse Road, Suite 890
Arlington, VA 22201, USA**

**+1.703.907.7700 MAIN
+1.703.907.7727 FAX**



Meeting Report

The following individuals were reported as attendees.

Last Name	First Name	Email Address	Organization
Ahmed	Adnan	adnan.ahmed@rdm.com	R&M
Alex Richard	Legrand	Alex.Richard@legrand.us	
Barrera	Dan	DAN.BARRERA@IDEALNETWORKS.NET	IDEAL Networks
Bulent Kose	Panduit	bko@panduit.com	Panduit Corp., Corp. R&D
Chiou	Dachen	dachen@danchief.com	DAN-CHIEF
Christin Ford	Superior Essex	CHRISTIN.FORD@SPSX.COM	Superior Essex
CommScope	Sunny Xu	sunny.xu@commscope.com	CommScope
Constant	BASF	david.constant@basf.com	
Cruz	Ana	ana.cruz@belden.com	Belden
Derek Huffman	Corning	huffmand@corning.com	
Diane	NIS - Diane	diane.forbes@nis.consulting	NIS
Gang HE	EXFO	gang.he@exfo.com	
Gastle	Ed	ed.gastle@viavisolutions.com	VIAVI Solutions
Goldstein	Seymour	seymour.goldstein@flukenetworks.com	Fluke Networks
Greg Sandels	OFS	gsandels@ofsoptics.com	
Gurreri	Mike	Michael.Gurreri@commscope.com	CommScope
HUANG	LEI	lei.huang@legrand.us	LEGRAND
Hayes	Jim	jim@thefoa.org	Fiber Optic Association
Jahani	Hamid	hjahani@jgropics.com	JGR Optics Inc.
Kolczynski	Emmanuel	emmanuel.kolczynski@senko.com	
Kunplin	Salin	kikie.kunplin@belden.com	Belden
LEVITON	Mark Dearing	mdearing@leviton.com	
Manley	Paul	paul.manley@AFLglobal.com	
McCloud	Sean	smccloud@leviton.com	Leviton
Morris	Dan	dan.morris@kitcofo.com	KITCO
Ninomiya	Tiger	tiger.ninomiya@senko.com	SENKO Advanced Components, Inc.
Oliver	Nelson	nelson.oliver@belden.com	Belden
PROVOST	Lionel	lionel.provost@prysmiangroup.com	Prysmian Group
Patrick VanVickle	Sumitomo	pvanvickle@sumitomoelectric.com	Sumitomo
Phil Irwin	Panduit	phillip.irwin@panduit.com	Panduit
Pondillo	Peter	pondillopl@corning.com	Corning Incorporated
Roman Shubochkin	OFS	RShubochkin@ofsoptics.com	OFS
Rosenast	Erich	erich.rosenast@tempocom.com	
SWANSON	STEVEN	swansonse@corning.com	Corning Incorporated
Schmalzigaug	Thomas	thomas.schmalzigaug@hubersuhner.com	HUBER+SUHNER
Shelly Buchter	US Conec	shellybuchter@usconec.com	
Tourreau	Patrick	patrick.tourreau@pkinetics.com	Photon Kinetics
Valentukonis	Dave	dave_valentukonis@siemon.com	Siemon
Weimann	Pete	pweimann@ofsoptics.com	OFS Fitel, LLC
Young	James	jyoung@commscope.com	
dallmann	richard	rick.dallmann@cablexpress.com	CABLExpress
heisler	chris	chris.heisler@optotest.com	OptoTest
Anand Bagaria, RCDD	RIT Tech	anandk@rittech.com	RIT Tech
Hodson	Tom	tom@totalcablesolutions.com	Total Cable Solutions
Jenkins	TIA Teesha	tjenkins@tiaonline.org	TIA
Montstream	Cindy	cindy.montstream@legrand.us	Legrand
Ron Tellas	Belden	ronald.tellas@Belden.com	
Siev	Virak	virak.siev@belden.com	Belden Canada ULC

**Telecommunications
Industry Association**

**1310 North Courthouse Road, Suite 890
Arlington, VA 22201, USA**

**+1.703.907.7700 MAIN
+1.703.907.7727 FAX**



Meeting Report

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.

M: Phil I.

S: Dan M.

Result: Pass without objection

1.4. Previous Meeting Report Review and Approval

The TIA-approved report of our Oct. 2020 meeting has been posted.

Review previous meeting report and move to approve.

Motion 2:

Move to approve previous meeting report of our June 2020 meeting.

M: Dan M.

S: Sunny X.

Result: Pass without objection

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
TR42.11-2020-10-009	Phil Irwin	Panduit	Prior Meeting Report. TIA Approved. TR42.11 Oct. 2020
TR42.11-2021-02-001	Phil Irwin	Panduit	Proposed Meeting Notice and Agenda
TR42.11-2020-01-005	Phil Irwin	Panduit	ANSI/TIA-PN-568.3-E: Project Approval Request (PAR) - Approved
TR42.11-2020-01-006	Phil Irwin	Panduit	ANSI/TIA-PN-526.14-D: Project Approval Request (PAR) - Approved



Meeting Report

Document #	Contributor	Company	Title or Subject
TR42.11-2021-02-002	Sunny Xu	Commscope	ANSI/TIA 568.3-E Draft 2.0 document
TR42.11-2021-02-003	Sunny Xu	Commscope	ANSI/TIA 568.3-E Draft 2.0 comment resolution
TR42.11-2021-02-004	Seymour Goldstein	Fluke Networks	Proposed ANSI/TIA 526.14-D
TR42.11-2021-02-005	Pete Pondillo	Corning	SC 86C Liaison Report
TR42.11-2021-02-006	Phil Irwin	Panduit	ANSI/TIA-PN-526.28: Project Approval Request (PAR) - Approved
TR42.11-2020-02-007	Phil Irwin	Panduit	Draft copy of IEC61280-4-5 ed. 1.0 for adoption as ANSI/TIA 526.28

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

1.6.1.1. IEC SC86C Liaison report presented by 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.

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

Election of leadership position of TR42.11 for 2-yr term.

Chair Phil I. elected by acclamation.

Vice-Chair Dan M. elected by acclamation.

**Telecommunications
Industry Association**

**1310 North Courthouse Road, Suite 890
Arlington, VA 22201, USA**

**+1.703.907.7700 MAIN
+1.703.907.7727 FAX**



Meeting Report

2.1. Actions on committee-balloted documents:

Project	Title	Stage	Open	Close	Committee action
ANSI/TIA-PN-568.3-E	Optical Fiber Cabling Component Standard	Mock Ballot	1/4/21	2/3/21	Comment Resolution of ANSI/TIA 568.3-E Draft 2.0 w/ Sunny Xu as editor. Complete. Motion below for 2 nd Industry Ballot.
ANSI/TIA-PN-526.14-D	Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures- Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement	1 st Industry Ballot	TBD	TBD	Document review complete. Motion below for 1 st Industry Ballot. Seymour Goldstein as editor.
ANSI/TIA-PN-526.28	Fibre-optic communication subsystem test procedures - Part 4-5: Installed cabling plant - Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces	1 st Industry Ballot	TBD	TBD	Document review complete. Move to 1 st Industry Ballot as adoption. See motion below. Ed Gastle as editor.

Motion 3:

Move to 2nd Industry Ballot ANSI/TIA 568.3-E Draft 2.1

M: Dan M.

S: Pete P.

Result: Pass without objection

Motion 4:

Move to 1st Industry Ballot ANSI/TIA-PN-526.28 as an adoption of IEC 61280-4-5:2020 © IEC 2020.

M: Ed G.

S: Dan M.

Result: Pass without objection

Motion 5:

Submit for 1st Industry Ballot of TR42.11-2021-02-004 ANSI-TIA-526-14-D(V1). Ballot as “adopt with modification” with foreword including yellow highlights. Change foreword to “adopt with modification”. TR42.11-2021-02-004 ANSI-TIA-526-14-D(V1)

M: Dan M.

S: Pete P.

Result: Pass without object.

**Telecommunications
Industry Association**

**1310 North Courthouse Road, Suite 890
Arlington, VA 22201, USA**

**+1.703.907.7700 MAIN
+1.703.907.7727 FAX**



Meeting Report

3. New Business

3.1. Contributions

TR42.11-2021-02-003	Sunny Xu	Commscope	ANSI/TIA 568.3-E Draft 2.0 comment resolution
---------------------	----------	-----------	---

- **Call for Contributions** regarding addition of Method-U polarity and Type-U transition. Phil, Pete, Sunny, Greg, Alex.
- **Call for Contributions** regarding revisions to Annex A and relationship to IEC 61753-1. Steve (primary), Phil, Sunny, Greg.

3.2. New Projects and Proposals

- 3.2.1. Discuss motion to move to initiate project to revise TIA-526-7-A (2015) Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant. 526-7-A is currently an adoption of IEC 61280-4-2 ed. 2 and is up for revision to ed. 3. TIA / Teesha to submit BSR11 for ANSI 5 year maintenance of TIA-526-7-A (2015)

Motion 6:

Motion to approve PAR to reaffirm TIA-526-7-A to abide by ANSI 5 year maintenance.

M: Phil I.

S: Dan M.

Result: Pass without objection

3.3. Other standards committee interactions and documents for possible adoption

- 3.3.1. None

4. Upcoming Meetings

June meeting planned for June 14-18 (Virtual MS Teams Meeting).

5. Adjournment

Motion 7:

Move to adjourn.

M: Phil I.

S: Greg S.

Result: Meeting adjourned at: Time 4:05 pm CT

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 access contributions and other meeting documents before the meeting by accessing the following TR-42.11 Standalone Library:

<https://connect.tiaonline.org/communities/community-home/librarydocuments?LibraryKey=3EAA9087-C7B2-4503-9DFB-C3787088B28D>

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:

- o Go to connect.tiaonline.org
- 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-42.11 Optical Systems"
- o Click on "Documents" and then select the "2021-02 Virtual" folder

NEW CONTRIBUTIONS:

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

Early submittal and posting of contributions for consideration in meetings is highly encouraged. Contributions shall be submitted to the EDC as soon as possible and then posted to the appropriate 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 (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:

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

**Telecommunications
Industry Association**

**1310 North Courthouse Road, Suite 890
Arlington, VA 22201, USA**

**+1.703.907.7700 MAIN
+1.703.907.7727 FAX**