



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: 08 October 2020

Location: Teleconference

Approved: 19 November 2020

Meeting Report

TR-42.11 Optical Fiber Systems

Date: October 8, 2020
Time: 8:00 am -12:00 pm (CT)
Location: GoToWebinar (Virtual)
Chair: Phil Irwin
Vice Chair: Dan Morris

Meeting Schedule: (See TIA TR42 ftp for complete schedule)

Registration: (Not required for virtual meeting)

GoToWebinar Registration: <https://attendee.gotowebinar.com/register/5589078597289902351>

TIA Important Notice of Participation

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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

Chair called the meeting to order at 8:00 AM.

Attendees were advised of the Important Notice of Participation.

1.2. Attendance (Call Quorum, Introductions, Roster)

Meeting sign-in link: <http://standards.tiaonline.org/standards/committees/rosters/>

Meeting code announced

Chair established quorum with 21 of 25 quorum companies in attendance.

The following individuals were reported as attendees.

Last Name	First Name	Email Address
Ahmed	Adnan	adnan.ahmed@rdm.com
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Tellas	Ronald	ronald.tellas@Belden.com
Todd Harpel	Berk-Tek	todd.harpel@nexans.com
scott Todd	ideal Networks	st@idealnetworks.net

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

S: Sunny

Result: Pass without objection

1.4. Previous Meeting Report Review and Approval

The TIA-approved report of our June 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: Phil

S: Dan

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

Please note that TR-42 will be transitioning to TIA Connect on Tuesday, Oct 13 after which we will need to use TIA Connect for meeting administration and messaging. After Oct 19, we will no longer be able to upload documents to the TIA FTP site. You will be able to retrieve old documents, but not documents will be uploaded to TIA Connect - <https://connect.tiaonline.org/home>. Please set up your TIA Connect userid if you have not done so already.

Please also note that the "reflector" email distribution will be changing:

Old: tr4211@tiacomm.org

New: TIA-TR4211@ConnectedCommunity.org

Meeting Report

The following documents distributed via the FTP site, reflector, email, or at the meeting:

Document #	Contributor	Company	Title or Subject
TR42.11-2020-06-010	Phil Irwin	Panduit	Prior Meeting Report. TIA Approved. TR42.11 June. 2020
TR42.11-Meeting_2020-10-08_Meeting_Notice_Agenda	Phil Irwin	Panduit	Proposed Meeting Notice 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
TIA-568.3-E_Draft1.1	Sunny Xu	Commscope	ANSI/TIA 568.3-E draft pdf document
TR42.11-2020-10-003	Sunny Xu	Commscope	ANSI/TIA 568.3-E comment resolution
TR42.11-2020-10-004	Bulent Kose	Panduit	Fiber Cable Designations in ANSI/TIA 568.3-E
TR42.11-2020-10-005	Seymour Goldstein	Fluke Networks	Proposed forward for ANSI/TIA 526.14-D
TR42.11-2020-10-006	Ed Gastle	VIAVI	Request for PAR approval for adoption of IEC 61280.4-5 (Test Procedure of MPO Cabling Plant)
TR42.11-2020-10-007	Sunny Xu	Commscope	ANSI-TIA-568.3-E Fiber Transition Polarity Type Additions

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

1.6.1.1. IEC SC86C Liaison report – None

FOCI (A,B, and C) and WG1 to discuss Ref Grade PC designations – next week meeting

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.

The subcommittee ftp site for electronic document exchange is: <ftp.tiaonline.org/TR-42/TR-42.11/>

The ballot web site URL is: <https://www.tiaonline.org/all-standards/committees/ballots>

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.

Meeting reports are now being placed in the "Committee Member Tools" area (<http://www.tiaonline.org/all-standards/committees/tr-42>). The reason for meeting reports being placed in this area is that it is considered a member benefit. It also deters non-members from using information produced in these reports. In the future, the "public" side of the FTP sites will also be going away. All TR-42 FTP sites should upload their agendas and meeting reports to the "Working" side of the FTP site.

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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	1 st Industry Ballot Passed w/ 73% returned: Abstain (9), Approve (12), Approve w/ Comment (5), Not Approve w/ Comment (6)	8/14/2020	9/27/2020	Completed comment resolution TR42.11-2020-10-003. <u>2nd industry ballot w/ accepted resolutions to be submitted</u> by Sunny Xu as editor.
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	On-hold for IEC to publish current revision of base document. May move forward based on discussion.	TBD	TBD	Reviewed contribution TR42.11-2020-10-005. <u>1st Industry Ballot to be submitted</u> with foreword from TR42.11-2020-10-005 with yellow highlights included an adoption of IEC 61280-4-1 ed.3 2019). Draft ANSI/TIA-526.14-D.1 See Motion 3 below.

3. New Business

3.1. Contributions

TR42.11-2020-06-003	Sunny Xu	Commscope	ANSI/TIA 568.3-E comment resolution
TR42.11-2020-06-004	Bulent Kose	Panduit	Fiber Cable Designations in ANSI/TIA 568.3-E
TR42.11-2020-10-005	Seymour Goldstein	Fluke Networks	Proposed forward for ANSI/TIA 526-14-D
TR42.11-2020-10-006	Ed Gastle	VIAVI	Request for PAR approval for adoption of IEC 61280-4-5 (Test Procedure of MPO Cabling Plant)
TR42.11-2020-10-007	Sunny Xu	Commscope	ANSI-TIA-568.3-E Fiber Transition Polarity Type Additions

• Discussion of TR42.11-2020-10-005

Four options were presented for how to proceed to ballot of ANSI/TIA 526-14-D.

Option 1: Wait and Adopt base doc and amendment w/ foreword w/ yellow information.

Option 2: Ballot now with this foreword with yellow removed as adaption.

Option 3: Review now.

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Option 4: Ballot prior to next meeting with this foreword with yellow highlights included as adoption.
Resolve 850nm w/ 50um only normative issue and others during comment resolution.

Motion 3:

Move to approve Option 4 as how to proceed to ballot with Seymour as editor.

M: Seymour

S: Dan

Result: Pass without objection

3.2. New Projects and Proposals

3.2.1. As reported in our June meeting, motion is still delayed 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 may be up for revision to ed. 3. TIA / Teesha to submit BSR11 for ANSI 5-year maintenance of TIA-526-7-A (2015)

3.2.1.1. Action: Seymour to ask IEC for update and possibly advance the document to add equipment cord method.

3.2.2. Request for PAR approval to adopt IEC 61280-4-5 (Test Procedure of MPO Cabling Plant) as a new ANSI/TIA 526 document. TR42.11-2020-10-006

Motion 4:

Move to approve request for PAR to adopt IEC 61280-4-5

M: Ed

S: Steve

Result: Pass without objection

3.3. Other standards committee interactions and documents for possible adoption

3.3.1. None

4. Upcoming Meetings

Move to extend to 12:40

M: Phil

S: Sunny

Result: Pass without objection

- February 1-5, 2021 (Election of Chair and VC)
- June 7-11, 2021

5. Adjournment

Move to adjourn.

M: Phil

S: Dan

Result: Meeting Adjourned at: Time 12:40 PM

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

Meeting Report

AVAILABILITY OF MEETING DOCUMENTS:

All meeting attendees are instructed to download contributions and other meeting documents from the TIA TR42 FTP site (<http://ftp.tiaonline.org/TR-42/>) before the meeting.

To access the User Name and Password, please follow the directions below:

- o Go to <https://www.tiaonline.org/all-standards/committees/admin>
- o Enter your *User Name* (your email address in the TIA database)
- o Enter your *Password*
- o Click "Go"
- o Click "*Committee Member Tools*" (if you do not automatically land on this page)
- o On right navigation bar, under "*General*", click "*Your Committee Tools Dashboard*"
- o You will see "*Committee Tools Dashboard*" on top, under "**Your Committees**" you will see FTP User Name and Password in **red text** next to "FTP UN" and "PW"

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 the TR42 FTP site 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 FTP folders by the EDC as soon after receipt as possible, preferably within one business day. Notification of the posting shall be made to the group's email reflector list by the EDC within one working day of the posting. All contributions shall be posted to the appropriate location on the TIA FTP site 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 the TR-42 FTP site 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	