



## Meeting Notice & Agenda

### TR-42.12 Optical Fibers and Cables

Date: Tuesday 2023.01.31 and Wednesday 2023.02.01  
 Time: Tuesday 10:00am – 3:30pm (EDT), Wednesday 1:30PM – 6:00PM  
 Location: Virtual GoToWebinar  
 Chair: Dave Kozischek (Committee Support: Cheryl Thibideau)  
 Vice Chair: Roman Shubochkin

**Meeting Schedule:** Tuesday 10:00am – 3:30pm (EDT), Wednesday 1:30PM – 6:00PM (EDT)

**Registration:** (required as meeting is in person)

#### GoToWebinar Registration:

Please note that you must register for the event by clicking on the registration link. If you do not register, you will not be able to attend the meeting.

Our next subcommittee meeting is scheduled on Tuesday, January 31, 2023, from 10:00 am to 3:30 pm EST.

Here is the GTW link to

register: <https://attendee.gotowebinar.com/register/1996820195954347276>

There will be a second subcommittee meeting scheduled on Wednesday, February 1, 2023, from 1:30 pm to 6:00 pm EST.

Here is the GTW link to

register: <https://attendee.gotowebinar.com/register/4061806387010723340>

IEC SC86A Fibres and Cables US TAG Meeting will be held in conjunction with the TIA TR42 Meetings and will be on Thursday February 3 from 1:30 to 3:30PM (ET) at the Hilton Tampa Airport Westshore Hotel

#### Online Instructions:

Url: <https://attendee.gotowebinar.com/register/5653334072590976270>

Login: <https://attendee.gotowebinar.com/register/5653334072590976270>

### 1. Administrative/General Business

#### 1.1. Call to Order

xxxAM

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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**

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

Meeting sign-in link: attendance will be collected via GoToWebinar

Quorum achieved with xx companies attending forming quorum versus xx needed.

### **1.3. Current Meeting Agenda Review and Approval**

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

Motion # xx: Move to approve current meeting agenda.

M: S: Result:

Meeting agenda document "TR42.12-2023-01-001.agenda.docx" was xxx.

### **1.4. Previous Meeting Report Review and Approval**

The TIA report of the June 2022 meeting has been re-posted. Review previous meeting report and move to approve this version that has the following changes: Contributions numbers need renumbering from 001 to 006 and then reposted.

Motion #: Move to approve revised June meeting report.

M: xxxx S: xxx Result:

The TIA report of the October 2022 meeting has been posted. Review previous meeting report and move to approve this report.

Motion #: Move to approve the October meeting report.

M: xxxx S: xxx Result:

### **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



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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

Table 1. Contributions

Document	Contributor	Affiliation	Title
TR42.12-2023-01-001	Dave Kozischek	Corning	Meeting Agenda
TR42.12-2023-01-002	David Kozischek	Corning	TR42.12 Master Doc List
TR42.12-2023-01-003	David Kozischek	Corning	IEC Liaison Report
TR42.12-2023-01-004	David Kozischek	Corning	ICEA Liaison Report
TR4212-2022-06-009a	Roman Shubochkin	OFS	Revised June Meeting Report
TR4212-2022-10-008	Roman Shubochkin	OFS	October approved Meeting Report

### 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.

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: [tr4212@tiacomm.org](mailto:tr4212@tiacomm.org)  
New: [TIA-TR4212@ConnectedCommunity.org](mailto:TIA-TR4212@ConnectedCommunity.org)

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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.

### 1.8. List of Standards and TSBs from Subcommittee

Please reference the tracking spreadsheet located in TIAConnect TR42.12 workspace.

### 1.9. Liaison letters received

None

Note: MOU on FOTPs from ICEA was received and forwarded to Henry Franc

### 1.10. Reports

TR42.12-2023-01-003	David Kozischek	Corning	IEC Report
TR42.12-2023-01-004	David Kozischek	Corning	ICEA Report

## 2. FOTPs and Specifications working session

Review TR42.12-2023-01-002 (Master document list or FOTPs and Specs) then:

- Sort them by date so we know which are out of date.
- tag them to determine which ones can be adopted/reaffirmed without change.
- tag any that are no longer needed, they can be rescinded and are equally easy.
- Then any that need to be adapted/updated/revised set up a priority list, and ask for editors to take ownership
- Regardless all actions; reaffirm/rescind/revise all need to go through the ballot process.

## 3. Old Business

### 3.1. TIA-455-3 (FOTP-3) Temperature Ramps and Precision (Editor: Pete Weimann, OFS)

October Update: PAF has been submitted but has not gone through for editorial comments

January Update:

### 3.2. TIA-455-111-B (11/2003) (FOTP-111), fiber curl, adoption of IEC 60793-1-34 (editor Phil Irwin, Panduit)

October Update: ballot closed on 6/13/2022, affirmative: 10, negative: 0, abstain: 20. Submit this to publication to TIA for publication

January Update:

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### 3.3. TIA-492 Series Restructuring

#### 3.3.1. Generic (adopt with modifications of the IEC 60793-2:2019 as ANSI/TIA-4920000-C) (editor Derek Huffman, Corning)

October Update: Derek Huffman presented TR42.12-2022-10-005. Next steps change "adaptation" to "adopt with modifications". After change propose we circulate ballot for comments. Dave and Derek to follow up with Teesha on PAR

Motion #5: Move to submit this document forward to committee ballot.

M: Derek S:Roman S Result: Motion Passes without objection

January Update:

#### 3.3.2. Multimode (adopt with modifications of the IEC 60793-2-10:2019 as ANSI/TIA 492AAAF) (editor Sunny Xu, Commscope)

October Update:

Motion #6: Move to withdraw doc number TR42.12-2022-06-008 and approve the new PAR TR42.12-2022-10-007.

M: Sunny X S: Derek H Result: Motion passes without objection

January Update:

#### 3.3.3. Singlemode (adopt with modifications of the IEC 60793-2-50:2018 as ANSI/TIA-492CAAC) (editor Bulent Kose, Panduit)

October Update: This has been published Jan 2022. Dave Koz to verify on IHS

January Update:

### 3.4. Open projects to update adoptions:

#### 3.4.1. TIA-455-133-A (05/2003) is an adoption of the IEC 60793-1-22:2001 Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement (editor Bulent Kose)

October Update: IEC CD just issued and due in 2024. No action required until 60793-1-22 is published

January Update:



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**3.4.2. TIA-455-203-A (03/2009) FOTP-203 Light Source Encircled Flux Measurement Method): plan to adopt the IEC 61280-1-4 Fibre Optic Communication Subsystem Test Procedures - Part 1-4: General Communication Subsystems - Light Source Encircled Flux Measurement Method (Bulent Kose)**

October Update: No action required until 61280-1-4 is published in 2023

January Update:

**2.4.3 TIA-455-204-A (10/2013) is an adoption of the IEC 60793-1-41:2010 Optical fibres - Part 1-41: Measurement methods and test procedures – Bandwidth**

October Update: No action required until 60793-1-41 is published in 2024

January Update:

**2.5 ANSI/TIA-598-D-2014 (“Optical Fiber Cable Color Coding”): open for revision (editor Pete Pondillo)**

October Update: Pete Pondillo presented TR42.12-2022-10-006 on Ink draw down. 42.12 members are encouraged to reach out to Pete Pondillo on this subject. Action to set up adhoc meeting before Jan TIA meeting on how to produce colors on a flat surface for measurements. Pete Pondillo will set up meeting.

January Update:

## **4. Recession/Obsolete Documents Discussions**

**4.1.1. FOTP 30 - Frequency Domain Measurement of Multimode Optical Fiber Information Transmission Capacity**

October Update: Withdrawn. Pending verbiage around obsolete

January Update:

**4.1.2. FOTP 54 - Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers**

October Update: Still shows as active

January Update:



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### 4.1.3. FOTP 124 - Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by Interferometry (merge with FOTP 122?)

October Update: still active

January Update:

### 5. New Business

#### 5.1. Ballot Update

#### 5.2. Collaboration with ICEA on cable document maintenance

October Update: Dave to talk to Henry about current status.

January Update:

#### 5.3. Closing Items

Request xxx hours for xxx meeting

#### 5.4. Next meetings

June 5-9 (TBD)

Oct 2-6 (TBD)

#### 5.5. Meeting Close

Motion #: *Move to close meeting*

M: xx S: xx. Result: Meeting closes at xxx

### AVAILABILITY OF MEETING DOCUMENTS:

TR-42.12 members/participants are instructed to download contributions and other meeting documents from TIA Connect ([connect.tiaonline.org](http://connect.tiaonline.org)) before the meeting.

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

- Go to [connect.tiaonline.org](http://connect.tiaonline.org)
- Enter your *Username* (your email address in the TIA database)
- Enter your *Password*

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- Click “*LOGIN*”
- Click the “*Communities*” tab and then select “*All My Communities*”
- Scroll down the page and select “*TR-42.12 Optical Fibers and Cables*”
- Click on “*Documents*” and then select the “*2023-01 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 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 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:**

Dave Kozischek, Chair	kozischedr@corning.com	
Committee Support: Cheryl Thibideau	CThibideau@tiaonline.org	
Roman Shubochkin, Vice-Chair	RShubochkin@ofsoptics.com	