



**Telecommunications Industry Association**

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

**Approved by General Counsel**

TR-42.13 Subcommittee on Passive

Optical Devices and Fiber Optic

Metrology

Meeting Date: 06 February 2024

Location: Charleston, SC

Approved: 26 February 2024



## Meeting Report

### TR-42.13 Passive Optical Devices and Fiber Optic Metrology

Date: February 6, 2024  
Time: 9:00AM to 2:30PM EST (Break: 12:00PM-1:30PM)  
Location: The Limited Hotel  
425 Meeting Street  
Charleston, SC 29403  
1-843-718-2327  
Chair: Sunny Xu  
Vice Chair: Shelly Buchter

**Meeting/Event Schedule:** see TIA's Events Calendar for the full schedule (<https://tiaonline.org/events/>)  
**GoToWebinar Registration:** <https://attendee.gotowebinar.com/register/4574253580877130587>

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#### 1. Administrative/General Business

##### 1.1. Call to Order

Chair called the meeting to order at 9:06am EST and welcomed all members attending both in-person and online. All attendees were advised of the TIA Important Notice of Participation.

##### **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-42.13 standards projects from the user and general interest categories.**

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

New member company introduction - NEBSCore

Chair established quorum with 24 of 29 quorum companies in attendance (15 needed).

The following participants were reported as attendees via GoToWebinar:

Participant	Organization	Participant	Organization
Nik Angra	AFL	Sylvanus Lee	Leviton Network Solutions
David Tanis	AFL	Mike Connaughton	Leviton Network Solutions



## Meeting Report

Tara Belden	Belden	Shad Sechrist	Lynn
Ronald Tellas	Belden	Jacquelynn Pressey	NAVAIR
Ana Cruz	Belden	William Urbanic	Navy Surface Warfare Center Dahlgren
Carlos Matos	Belden	Helmut Knehr	NEBScore
Rick Dallmann	CABLExpress	Dan Smith	Nest Technical Services, Inc.
Scott Eischens	CommScope	Bill Allen	OFS
Mike Gurreri	CommScope	Roman Shubochkin	OFS
Sunny Xu	CommScope	Greg Sandels	OFS
Angela Lambert	Corning	Bulent Kose	Panduit Corp.
David Kozischek	Corning	Phil Irwin	Panduit Corp.
Derek Huffman	Corning	Patrick Tourreau	Photon Kinetics
Sheng-Kay Su	Dan-Chief Technology Co., Ltd.	Anand Kumar	RiT Tech
Gang He	EXFO	Tyler Royer	Senko Advanced Components
Seymour Goldstein	Fluke Networks	Dave Valentukonis	Siemon
Oliver Calle	Fluke Networks	Adam Broughton	Sumitomo Electric Lightwave
Henson Toland	HFCL	Christin Ford	Superior Essex
Thomas Schmalzigaug	HUBER SUHNER	Erich Rosenast	Tempo Communications
Dan Morris	KITCO Fiber Optics	Dan Barrera	Trend
Cindy Montstream	Legrand	Dan Cassidy	Underwriters Laboratories
Thomas Knychalski	Legrand	Shelly Buchter	US CONEC Ltd.

### 1.3. Current Meeting Agenda Review and Approval

Review and approve the current meeting agenda (TR42.13-2024-02-001a).

**Motion #1:** Approve current meeting agenda.

M: Greg Sandels                      S: Cindy Montstream

Result: Motion passed without any objections.

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**+1.703.907.7700 MAIN  
+1.703.907.7727 FAX**



## Meeting Report

### 1.4. Previous Meeting Report Review and Approval

Review and approve the previous meeting report (TR42.13-2023-09-006). TIA General Counsel approved meeting report can be located on TIAConnect within the "2023-09 Tulsa" folder.

**Motion #2:** Approve previous meeting report.

M: Shelly Buchter                      S: Phil Irwin

Result: Motion passed without any objections.

### 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

Document #	Title/Subject	Contributor	Affiliation
TR42.13-2023-09-006	September 27, 2023 Approved Meeting Report	S. Xu	CommScope
TR42.13-2024-02-001a	February 6, 2024 Meeting Notice_Agenda	Xu/Buchter	CommScope/USConec
TR42.13-2024-02-002	IEC SC 86B Liaison Report	D. Huffman	Corning
TR42.13-2024-02-003	CENELEC Liaison Report	T. Schmalzigaug	Huber+Suhner
TR42.13-2024-02-004	ANSI_TIA-604-10-D_Draft1	S. Eischens	CommScope
TR42.13-2024-02-005	FOTP-11 Vibration Test Procedures for Fiber Optic Components and Cables	D. Smith	Nest Tech
TR42.13-2024-02-006	TR42.13 Document List_Feb2024	S.Xu	CommScope
TR42.13-2024-02-007	TIA-623.31_Draft1 (IEC 61755-3-31{ed1.0})	S.Xu	CommScope
TR42.13-2024-02-008	Ballot Authorization Form_TIA-623.31	S.Xu	CommScope
TR42.13-2024-02-009	Ballot Authorization Form_TIA-604-10-D_Draft1	S.Xu	CommScope



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TR42.13-2024-02-010	Project Request Form_TIA-PN-455-11	S.Xu	CommScope
TR42.13-2024-02-011	Ballot Authorization Form_TIA-455-11	S.Xu	CommScope
TR42.13-2024-02-012	Ballot Authorization Form_FOTP225	D. Huffman	Corning
TR42.13-2024-02-013	Ballot Authorization Form_FOTP231	D. Huffman	Corning
TR42.13-2024-02-014	February 6, 2024 Approved Meeting Report	February 6, 2024 Meeting	CommScope/USConec

### 2. Liaison Reports

#### 2.1. IEC SC 86B Liaison report – D. Huffman

Derek presented at Opening Plenary, so he did not present again during TR42.13.

IEC SC 86B WGs met in November, 2023. WG4 recently published IEC 61300-2-6 and 61300-2-11. WG6 recently published IEC 61754-021-02 (most like TIA-568.3-E, Annex A), 61754-021-06, and IEC PAS 63503-3-30. WG7 released IEC 61753-081-02, 61753-081-03, and 61753-081-06.

#### 2.2. CENELEC Liaison report – T. Schmalzigaug

TC 86BXA WG1 virtually met in December, 2023. M. Gurreri was appointed new convenor for WG1 and WG2. WG1 and WG2 were consolidated to new WG3. Joint WG between TC 86BXA and TC 86A was proposed to be disbanded by TC86BXA. Future work needed on how to improve attendance/participation. Determined work needs to be relevant, meaningful, and engaging.

### 3. Old Business

#### 3.1. Action Items

AI #1	To refresh and present the IEC 61753-1 series overview again and potentially bring PARs at the September meeting. – Greg & Derek	Roll over.  Sunny will hold interim TF meeting before June 2024, to address maintenance and IEC adoption projects.
AI #2	Derek H., Greg S., Mike G. and Sunny X. to meet in interim and review IEC adoption project status and determine path forward.	Consolidate with AI #1 above.
AI #3	Scott E. to prepare FOCIS 10-D draft with informative annex to be reviewed at the Feb 2024 meeting. Tiger N. offered assistance.	Completed. Close AI.
AI #4	Sunny to schedule maintenance TF meeting in interim.	Completed. TF meeting was held on 1/24/2024. Close AI.



## Meeting Report

### 3.2. IEC 61755 SM connector optical interfaces adoption

Document	Title	Editor	Status
ANSI/TIA-623.31	Adoption of IEC 61755-3-31:2015, Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3:31: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Angled polyphenylene sulphide rectangular ferrules	G. Sandels	09/2023 - Approved PAR.  02/2024 – Approved to ballot and published. See Motion 3 below.

**Motion #3:** Motion to move ANSI/TIA-623.31 to Approval Ballot, and to publication if no technical comments.

M: Derek Huffman                      S: Greg Sandels

Result: Motion passed without any objections.

Editor: Greg Sandels

## 4. New Business

### 4.1. Contributions

#### 4.1.1. ANSI\_TIA-604-10-D\_Draft1 – S. Eischens

Scott presented Draft with Belly to Belly informative Annex. Agreed to Move to Ballot. See Motion #4.

**Motion #4:** Motion to move ANSI/TIA-604-10-D\_Draft1 (TR42.13-2024-02-004) to Call for Comments Ballot.

M: Mike Connaughton                      S: Rick Dallmann

Result: Motion passed without any objections.

Editor: Scott Eischens

#### 4.1.2. FOTP-11 Vibration Test Procedures for Fiber Optic Components and Cables – D. Smith

Dan presented Draft with primarily editorial updates. Agreed to Move to Ballot. See Motion #6.

**Motion #5:** Motion to approve PAR (TR42.13-2024-02-010) to revise ANSI/TIA-455-11-D.

M: Dan Smith                      S: Derek Huffman

Result: Motion passed without any objections.

Editor: Dan Smith

**Motion #6:** Motion to move ANSI/TIA-455-11-E\_Draft1 (TR42.13-2024-02-005) to Call for Comments Ballot.

M: Dave Kozischek                      S: Scott Eischens

Result: Motion passed without any objections.



## Meeting Report

### 4.2. New Projects and Proposals

See 4.1.1 and 4.1.2.

### 5. Document Maintenance

Review progress of TIA-TR42.13 document maintenance list.

Publication	Title	Recommendation per TF	Editor
TIA-455-171-B	FOTP-171 Attenuation by Substitution Measurement for Short Length Multimode Graded Index and Single-Mode Optical Fiber Cable Assemblies	Reaffirm, Ballot, & Publish  [02/2024]: needs further evaluation and to be discussed in interim prior to 06/2024 meeting.	T. Tameh
TIA-455-225	FOTP-225 IEC 61745 End-Face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets	Revise & Adopt new edition of IEC 61745:2017.  [02/2024]: Approved to ballot and publish. See Motion #7.	D. Huffman
TIA-455-231	FOTP-231 IEC 61315 – Calibration of Fibre-Optic Power Meters	Revise & Adopt the new edition IEC 61315:2019.  [02/2024]: Approved to ballot and publish. See Motion #8.	D. Huffman
TIA-604-5-F	FOCIS 5 Fiber Optic Connector Intermateability Standard - Type MPO	Reaffirm, Ballot, & Publish  [02/2024]: Reaffirmation PAR has been submitted.	D. Smith
ANSI/TIA-604-18-A	FOCIS 10 Fiber Optic Connector Intermateability Standard - Type MPO-16	Reaffirm, Ballot, & Publish  [02/2024]: Reaffirmation PAR has been submitted.	D. Smith
ANSI/TIA-455-11-D	FOTP-11 Vibration Test Procedures for Fiber Optic Components and Cables	Reaffirm, Ballot, & Publish  [02/2024]: PAR was approved to revise. See Motion #5 & #6.	D. Smith

**Motion #7:** Motion to move ANSI/TIA-455-225-A\_Draft1 to Approval Ballot, and to publication if no technical comments.

M: Derek Huffman

S: Phil Irwin

Result: Motion passed without any objections.

**Motion #8:** Motion to move ANSI/TIA-455-231-A\_Draft1 to Approval Ballot, and to publication if no technical comments.

M: Derek Huffman

S: Dan Smith

Result: Motion passed without any objections.



## Meeting Report

### 6. New Action Items Review

AI #1	Sunny will hold interim TF meeting before June 2024, to address maintenance and IEC adoption projects (IEC 61753-1, IEC 61755-3-1, IEC 63267 series)
AI #2	Sunny to verify whether ANSI/TIA-455-11-D still has ANSI status.
AI #3	Sunny to request a word document template that editors can use for new documents as well as converting document with old formatting to new style guide.
AI #4	All Editors to aim to submit ballot drafts by March 6, 2024.

### 7. Upcoming Meetings

June 3 – 7, 2024 hybrid (date fixed, location TBD)

October 7–11, 2024 hybrid (date fixed, location TBD)

### 8. Adjournment

**Motion #9:** Adjourn meeting at 11:56 am EST.

M: Dave Kozischek                      S: Derek Huffman

Result: Motion passed without any objections.

Chair Ms. Xu thanked all members who participated and contributed during the meeting.

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

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## 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 TR-42.13 Standalone Library: [connect.tiaonline.org/communities/community-home/...](https://connect.tiaonline.org/communities/community-home/...)

### AVAILABILITY OF MEETING DOCUMENTS:

TR-42.13 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*
- Click "LOGIN"
- Click the "Communities" tab and then select "All My Communities"
- Scroll down the page and select "TR-42.13 Passive Optical Devices and Optic Metrology"
- Click on "Documents" and then navigate to any meeting folder of interest.

### 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 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:**

Sunny Xu, Chair	Sunny.Xu@commscope.com	(972) 345-3812
Shelly Buchter, Vice-Chair	ShellyBuchter@usconec.com	(717) 309-1754

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