



Telecommunications Industry Association

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

Approved by General Counsel

TR-42.13 Subcommittee on

Passive Optical Devices and Fiber Optic Metrology

Meeting Date: 17 June 2021

Location: Teleconference

Approved: 28 June 2021



Meeting Report

TR-42.13 Passive Optical Devices and Fiber Optic Metrology

Date: June 17, 2021
 Time: 8:00AM to 12:00PM CT
 Location: Virtual GoToWebinar
 Chair: Greg Sandels
 Vice Chair: Sunny Xu

Meeting/Event Schedule: see TIA’s Events Calendar for the full schedule (<https://tiaonline.org/events/>)

Event Registration: (not required as meeting is not in person)

GoToWebinar Registration: <https://attendee.gotowebinar.com/register/5652898655459989263>

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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 Mr. Greg Sandels called the meeting to order at 8:03AM CT.
- Attendees advised of the TIA Important Notice of Participation.

1.2. Attendance (Call Quorum, Introductions, Roster)

- Attendance collected via GoToWebinar.
- Chair established quorum with 24 quorum companies in attendance.
- The following participants were reported as attendees.

Patrick Van Vickle	Amazon	Sylvanus Lee	Leviton
Ana Cruz	Belden	Mark Dearing	Leviton



Meeting Report

Nelson Oliver	Belden
Ron Tellas	Belden
Richard Dallmann	Cablexpress
Sunny Xu	CommScope
Mike Gurreri	CommScope
James Young	CommScope
David Kozischek	Corning
Derek Huffman	Corning
Steve Swanson	Corning
Danchen Chiou	Dan-Cheif
Gang He	EXFO
Seymour Goldstein	Fluke Networks
Hamid Jahani	JGR Optics
Thomas Schmalzigaug	H+S
Dan Morris	KITCO
Alex Richard	Legrand
Dan Smith	Legrand

Bill Boyden	NAVAIR
Greg Sandels	OFS
Roman Shubochkin	OFS
Pete Weimann	OFS
Chris Heisler	OptoTest
Phillip Irwin	Panduit
Bulent Kose	Panduit
Patrick Tourreau	Photon Kinetics
Lionel Provost	Prysmian
Adnan Ahmed	R&M
Emmanuel Kolczynski	Senko
Tiger Ninomiya	Senko
David Valentukonis	Siemon
Adam Broughton	Sumitomo
Christin Ford	Superior Essex
Erich Rosenast	Tempo
Shelly Buchter	US Connec

1.3. Current Meeting Agenda Review and Approval

Committee reviewed the current meeting agenda.

Motion 1: Move to approve Current Meeting Agenda.

M: Sunny Xu

S: Steve Swanson

Result: Motion was moved, seconded and approved.

1.4. Previous Meeting Report Review and Approval

Committee reviewed the previous meeting report.

Motion 2: Move to approve Previous Meeting Report.

M: Greg Sandels

S: Mark Dearing

Result: Motion was moved, seconded and approved.

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



Meeting Report

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 Number	Contributor	Company	Title/Subject
TR42_13-2021-06-001	Greg Sandels	OFS	Agenda June 2021
TR42_13-2021-02-005	Greg Sandels	OFS	February 2021 Virtual Meeting Report
TR42_13-2020-06-002	Tiger Ninomiya	Senko	CS Comment Resolution
TR42_13-2020-06-003	Alex Richard	Legrand	FOCIS 10 Comment Resolution
TR42_13-2020-06-004 TR42-2021-06-077	Steve Swanson	Corning	IEC SC86B Liaison Report
TR42_13-2021-06-005	Thomas Schmalzigaug	H+S	GENELEC Liaison Report

2. Contributions

2.1. FOCIS 19 SEN (CS) Connector ballot comment resolution – Ninomiya

Committee completed ballot comment resolution.

Motion 3: Move to submit FOCIS 19 (CS) document to ANSI/TIA publication with comment resolutions incorporated.

M: Greg Sandels

S: Dan Morris

Result: Motion was moved, seconded and approved without objection.

2.2. FOCIS 10 (LC) Connector ballot comment resolution – Richard

Ballot passed without any comments.

Motion 4: Move to submit FOCIS 10 for ANSI/TIA publication.

M: Greg Sandels

S: Alex Richard

Result: Motion was moved, seconded and approved without objection.

3. Liaison Reports

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Meeting Report

3.1. IEC SC86B Liaison report – Swanson

- Mr. Steve Swanson presented IEC SC86B liaison meeting report (TR42-2021-06-077).
- Committee discussed the IEC standardization timeline of the SN and MDC connectors. There were debates on whether to initiate TR42 projects to adopt in parallel with IEC development or wait until after IEC publications.

3.2. CENELEC Liaison report – Schmalzigaug

- No official liaison report. Mr. Thomas Schmalzigaug briefly presented the CENELEC meeting schedule - no CENELEC meeting was held since the last TR42.13 meeting in February 2021, and the next CENELEC meeting is scheduled for the week of June 21st, 2021.

4. New Business

4.1. Test Procedure Harmonization (TR-42_IEC_comparison.xlsx) - Swanson

- Mr. Steve Swanson presented the test procedure comparison between the TIA-568.3 and IEC 61753-21-2, with the intent to reconcile specifications between TIA and IEC documents. The TIA-455 series is referenced in TIA-568.3-D Annex A and the IEC 61300 series is referenced in IEC 61753-21-2.
- The excel spreadsheet containing the comparison is posted on TIAConnect, and can be found in the TR-42.13 June 2021 meeting holder under new business.

4.2. New Duplex Connector (SN and MDC) Standardization in TR42 (TR42_11-2021-06-014) – Ninomiya

- Mr. Tiger Ninomiya presented the proposal and discussion points for standardizing the SN and MDC connectors within TR42 – FOCIS documents in TR42.13 and TIA-568.3 polarity specifications in TR42.11.
- A TR42.11/TR42.13 joint meeting will be scheduled at the October 2021 meeting to discuss and outline IEC

5. Document maintenance

5.1. IEC adoption update

- New project initiated at the October 2020 meeting to adopt IEC 61755-1, -2, -3 series (optical interfaces), as TIA-621, -622, and -623. Adoption of IEC 61755 series - the numbering sequence for the MM documents are being revised. Adoption of IEC 61754 series - need to take out a series of TIA document numbers.



Meeting Report

- Committee discussed the possible adoption sequence of IEC 61753 (performance specifications), 61754 (mechanical interface) and 61755 (optical interfaces). **Anticipate at the October TR42 meeting to discuss TIA adoption direction of these documents.**
- **Action Item 1:** Mr. Greg Sandels is to generate a consolidated list of IEC documents to be adopted, to facilitate adoption strategy discussion at the October meeting.

6. Old Business

7. Upcoming Meetings

7.1. October 18-22, 2020 GoToWebinar

Motion 5: Move to schedule a TR42.11/TR42.13 joint meeting at the October meeting.

M: Greg Sandels

S: Sunny Xu

Result: Motion was moved, seconded and approved without objection.

8. Subsequent Meetings

- February, 2022 – date and location TBD, to be discussed during the Closing Plenary meeting.

9. FO Meeting schedule for October 2020

To be discussed during the Closing Plenary meeting. Requested to hold a two-hour joint TR42.11/TR42.13 meeting in October.

10. Adjournment

Motion 6: Move to adjourn.

M: Greg Sandels

S: Sunny Xu

Result: Chair Mr. Sandels adjourned the meeting at 9:45AM CT without objections.

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

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-42.13 Standalone Library:

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

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.13 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

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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-42.13 Passive Optical Devices and Optic Metrology"
- o Click on "Documents" and then select the "2021-06 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 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:

Greg Sandels, Chair	gsandels@ofsoptics.com	(770) 798-2036
Sunny Xu, Vice-Chair	sunny.xu@commscope.com	(972) 800-3493