



Telecommunications Industry Association

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

Approved by General Counsel

TR-42 Opening Plenary Meeting

Date: 14 June 2021

Location: Teleconference

Approved: 28 June 2021



Opening Plenary Meeting Report

TR-42 Telecommunications Cabling Systems Engineering Committee

Date: June 14, 2021
 Time: 8:00 AM -10:45 AM CDT
 Location: Virtual GoToWebinar
 Chair: Greg Sandels
 Vice Chair: Henry Franc
 Secretary: Jonathan Jew

1. Administrative/General Business

1.1. Call to Order

The chair, Greg Sandels, called the meeting to order at 8:02 AM CDT.

Attendees were advised of the Important Notice of Participation

IMPORTANT NOTICE OF PARTICIPATION

Participation in, or attendance at, any activity of a TIA Formulating Group or any subelement thereof, constitutes acceptance of and agreement to be bound by all provisions of the current TIA Procedures for American National Standards (PANS) and the TIA Engineering Committee Operating Procedures (ECOP) 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 communities.

1.2. Attendance (Call Quorum, Introductions, Roster)

The attendees introduced themselves and registered attendance using the on-line system. Attendees:

| Last Name | First Name | Organization | Last Name | First Name | Organization |
|------------|------------|---------------|------------|------------|---------------------|
| Ahmed | Adnan | R&M | Judson | Ward | nVent |
| Bagaria | Anand | RiT Tech | Kozischek | David | Corning |
| Ball | Shirley | Amazon | Kuniyoshi | Cristina | Furukawa |
| Banos | Jorge | Condumex | Larsen | Wayne | CommScope |
| Barrera | Dan | Trend | Lenz | Sean | Panduit |
| Boyden | Bill | US Navy | Maguire | Valerie | The Siemon Co |
| Broughton | Adam | Sumitomo | McGarry | Tom | TIA |
| Buchter | Shelly | US Conec | Montstream | Cindy | Legrand |
| Celella | Brian | The Siemon Co | Morris | Dan | KITCO |
| Chiou | Dachen | Dan-Chief | Ninomiya | Tiger | SENKO |
| Cornelison | Ken | Hitachi | Payton | Scott | Global Data Ctr Eng |
| Dallmann | Rick | CABLExpress | Pelletier | Antoine | Intertek |



Opening Plenary Meeting Report

| | | | | | |
|-----------|-------------|-------------------|--------------|-----------|----------------|
| Dawson | Fred | Chemours | Pondillo | Peter | Corning |
| Dearing | Mark | Leviton | Provost | Lionel | Pysmian Group |
| DiMinico | Christopher | MC Communications | Sandels | Greg | OFS |
| Ehredt | Al | Telegartner | Savi | Olindo | Hubbell |
| Ellis | Mark | Bel | Schirmer | Ernest | WSP USA |
| Emplit | Ray | Harger | Schmalzigaug | Thomas | HUBER+SUHNER |
| Fluet | Jacques | TIA | Shubochkin | Roman | OFS |
| Forbes | Diane | NIS | Shuman | Brian | Belden |
| Ford | Christin | Superior Essex | Stehlin | Dave | TIA |
| Franc | Henry | Belden | Su | Sheng-Kai | Dan-Chief |
| Gladhill | Tucker | JK Moving | Swanson | Steven | Corning |
| Hamilton | Jayson | Legrand | Tassone | Anthony | UL LLC |
| He | Gang | EXFO | Tellas | Ronald | Belden |
| Hess | Dave | Cord Data | Valentukonis | Dave | Siemon |
| Huedepohl | Konstantin | Softing | Van Vickle | Patrick | Amazon |
| Huffman | Derek | Corning | Voss | Bob | Panduit |
| Irwin | Phil | Panduit | Winston | William | Fluke |
| Jahani | Hamid | JGR | Woodman | Brad | Molex |
| Jenkins | Teesha | TIA | Xu | Sunny | CommScope |
| Jew | Jonathan | J&M Consultants | Young | James | CommScope |
| Jimenez | Andrew | Anixter | Zimmerman | George | CME Consulting |

1.3. Current Meeting Agenda Review and Approval

The meeting agenda (TR42-2021-06-061) was approved without objection

1.4. TIA Intellectual Property Rights (Early Disclosure Policy)

The Chair brought to the attention of the attendees the TIA policy regarding intellectual property rights:

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.

1.5. TIA Welcome and Update

TIA's CEO, Dave Stehlin presented 2021-06-083.

1.6. Distribution of documents and contributions



Opening Plenary Meeting Report

The following documents were distributed on TIA Connect in the TR-42 Telecommunications Cabling Systems community, under Documents, in the TR-42 Telecommunications Cabling Systems/2021 Meetings/2021-06 Virtual folder

| Document # | Title | Company | Contributor |
|--------------|--|---------------|-------------|
| 2021-02-042 | TR-42 Opening Plenary Meeting Report Feb Virtual | TR-42 | Jew |
| 2021-02-043 | TR-42 Closing Plenary Meeting Report Feb Virtual | TR-42 | Jew |
| 2021-06-058 | Open Alliance Reply to Offer of TIA Liaison | Open Alliance | Lau |
| 2021-06-059 | ICEA Liaison re Collaboration for Cable Test Methods | ICEA | Crawford |
| 2021-06-060 | Meeting Schedule June 2021 | TR-42 | Franc |
| 2021-06-061 | TR-42 Opening Plenary Agenda Virtual June 14 2021 | TR-42 | Sandels |
| 2021-06-062 | TR-42 Closing Plenary Agenda Virtual June 18 2021 | TR-42 | Sandels |
| 2021-06-063 | TR-42 Opening Plenary Report | TR-42 | Sandels |
| 2021-06-064 | TR-42.1 Opening Plenary Preview | TR-42.1 | Forbes |
| 2021-06-065 | TR-42.3 Opening Plenary Preview | TR-42.3 | Montstream |
| 2021-06-066 | TR-42.5 Opening Plenary Preview | TR-42.5 | Forbes |
| 2021-06-067 | TR-42.7 Opening Plenary Preview | TR-42.7 | Larsen |
| 2021-06-068 | TR-42.9 Opening Plenary Preview | TR-42.9 | Woodman |
| 2021-06-069 | TR-42.11 Opening Plenary Preview | TR-42.11 | Irwin |
| 2021-06-070 | TR-42.12 Opening Plenary Preview | TR-42.12 | Van Vickle |
| 2021-06-071 | TR-42.13 Opening Plenary Preview | TR-42.13 | Sandels |
| 2021-06-073a | IEEE 802.3 Liaison Report | IEEE 802.3 | DiMinico |
| 2021-06-074 | ISO IEC JTC1 SC25 WG3 Report | US TAG | Hess |
| 2021-06-075 | IEC TC 46, IEC SC 46C & IEC SC 48B Report | US TAG | Hess |
| 2021-06-076 | IEC SC86A Liaison Report | US TAG | Kozischek |
| 2021-06-077 | IEC SC86B Liaison Report | US TAG | Swanson |
| 2021-06-078 | IEC SC86C Liaison Report | US TAG | Pondillo |
| 2021-06-079 | ODVA Liaison Report | ODVA | Jones |
| 2021-06-081 | NFPA CMP 3 Liaison Report | TIA | Judson |
| 2021-06-083 | TIA Report | TIA | Stehlin |

1.7. Chair's Report and General Items

1.7.1. TR-42 Opening Plenary Report

The Chair presented the Opening Plenary Report (TR42-2021-06-063).

1.7.2. Migration of TR-42 to TIA Connect Complete

TR-42 has been migrated to TIA Connect (<https://connect.tiaonline.org/home>).



Opening Plenary Meeting Report

- No files can be uploaded to the ftp site, but the ftp site remains available for old documents.
- All processes related to the development of a TR-42 standard are managed through TIA Connect.
- All emails to TR-42 participants will be sent via TIA Connect. The new email distribution lists are:
 - o TR-42 - TIA-TR42@ConnectedCommunity.org
 - o TR-42 Leadership – TIA-TR42L@ConnectedCommunity.org
 - o TR-42.1 – TIA-TR421@ConnectedCommunity.org
 - o TR-42.3 - TIA-TR423@ConnectedCommunity.org
 - o TR-42.5 - TIA-TR425@ConnectedCommunity.org
 - o TR-42.7 - TIA-TR427@ConnectedCommunity.org
 - o TR-42.9 - TIA-TR429@ConnectedCommunity.org
 - o TR-42.11 - TIA-TR4211@ConnectedCommunity.org
 - o TR-42.12 - TIA-TR4212@ConnectedCommunity.org
 - o TR-42.13 - TIA-TR4213@ConnectedCommunity.org
 - o USTAG SC 86A - TIA-TAG86a@ConnectedCommunity.org
 - o USTAG SC 25 WG3 - TIA-TAG25WG3@ConnectedCommunity.org
- Email notifications to your business/personal email accounts do not include the attachments. Email attachments can be retrieved from TIA Connect.

2. Task Group Reports

2.1. NEC Input Task Group Report

There was no NEC Input Task Group report.

3. Subcommittee work items this week

3.1. TR-42.1 – Premises Telecommunications Infrastructure

Diane Forbes presented TR42-2021-06-064.

3.2. TR-42.3 – Telecommunications Administration, Pathways, Bonding and Grounding

Cindy Montstream presented TR42-2021-06-065.

3.3. TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Diane Forbes presented TR42-2021-06-066.

3.4. TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented TR42-2021-06-067.

3.5. TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2021-06-068.

3.6. TR-42.11 – Optical Fiber Systems

Phil Irwin presented TR42-2021-06-069.

3.7. TR-42.12 – Optical Fibers and Cables

Patrick Van Vickle presented TR42-2021-06-070.

3.8. TR-42.13 – Passive Optical Devices and Fiber Optic Metrology

Greg Sandels presented TR42-2021-06-071.



Opening Plenary Meeting Report

4. Liaison letters and reports

4.1. Incoming liaison letters

4.1.1. Open Alliance reply to TR-42 Liaison

TR-42 received, 2021-06-058 Open Alliance Reply to Offer of TIA Liaison, in which they declined an offer of liaison at this time. No further action is required.

4.1.2. ICEA Liaison re Collaboration for Cable Test Methods

TR-42 received, 2021-06-059 ICEA Liaison re Collaboration for Cable Test Methods, in which they expressed their interest in entering into dialog with TIA regarding the maintenance of certain 455 series Fiber Optical Test Procedures (FOTP), offered their expertise, and expressed their desire to discuss approaches to share ownership over published updates to these test standards. TR-42.12 assigned to draft a reply to ICEA.

4.1.3. Other incoming liaison letters

There were no incoming liaison letters.

4.2. Liaison reports

4.2.1. IEEE 802.3

Chris DiMinico presented TR42-2021-06-073a, the IEEE 802.3 report.

4.2.2. ISO/IEC JTC 1 SC 25 WG 3 (US TAG)

Dave Hess presented TR42-2021-06-074, the ISO IEC JTC1 SC25 WG3 Report.

4.2.3. IEC TC 46, IEC SC 46 C & IEC SC 48B

Dave Hess presented TR42-2021-06-075, the IEC TC 46, IEC SC 46C & IEC SC 48B Report.

4.2.4. IEC TC 86

4.2.4.1. SC 86A

David Kozischek provided TR42-2021-06-076, IEC SC86A Liaison Report.

4.2.4.2. SC 86B

Steve Swanson presented TR42-2021-06-077, IEC SC86B Liaison Report.

4.2.4.3. SC 86C

Peter Pondillo provided TR42-2021-06-078, IEC SC86C Liaison Report.

4.2.5. ODVA/SC 65C JWG 10

Brad Woodman presented TR42-2021-06-079, the ODVA Liaison Report on behalf of Cameron Jones.

4.2.6. BICSI

There was no BICSI Liaison Report.

4.2.7. NFPA

4.2.7.1. Panel 3

Ward Judson presented the NFPA CMP 3 Liaison Report.



Opening Plenary Meeting Report

4.2.7.2. Panel 16

There was no NFPA CMP 16 Liaison Report.

4.2.8. TIA

4.2.8.1. Presentation

Dave Stehlin, CEO of TIA, presented the TIA update TR42-2021-06-083.

4.2.9. FOTC

There was no FOTC report.

4.2.10. SPEC

There was no SPEC Report.

5. TR-42 Photography Contest

The Chair would like TR-42 members to submit photos reflective of the location of our meetings. TR-42 will select the best photo for each meeting during the closing plenary and at the end of the year select the best photo of the year. The photo of the year winner will be presented with their winning submission printed on glass. This week's meetings should reflect our virtual meetings.

A subfolder named 'Photo Contest' will be created for each meeting in the TR-42_MAIN working folder for each meeting. Please send your photos to either Greg Sandels, Henry Franc, or Jonathan Jew by 6 pm on Thursday the week of each meeting.

The winner of last meeting's photo contest was Phil Irwin with his photo of his "Rocking Baby".

6. New business and output documents

6.1. Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

6.2. Other

There was no other new business

6.3. Action items derived from this meeting

- TR-42.12 to draft a reply to 2021-06-059 ICEA Liaison re Collaboration for Cable Test Methods.
- TR-42 Leadership to check on progress with establishing CMP 16 Liaison.

7. Upcoming Meetings

7.1. Next meeting

- October 18-22, 2021- Virtual

7.2. Subsequent meetings – locations to be finalized at closing plenary

- February 2022- dates and location TBD

8. Adjournment

The meeting was adjourned at 10:50 am CDT

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



Opening Plenary 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 following TR-42 Standalone Library: <https://connect.tiaonline.org/communities/community-home/librarydocuments?LibraryKey=3EAA9087-C7B2-4503-9DFB-C3787088B28D>

AVAILABILITY OF MEETING DOCUMENTS:

TR-42 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 Telecommunications Cabling Systems"
- 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 Procedures 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, Vice Chair | gsandels@ofsoptics.com | (770) 798-2036 |
| Henry Franc, Vice-Chair | Henry.Franc@belden.com | (416) 476-1336 |
| Jonathan Jew, EDC & Secretary | jew@j-and-m.com | (415) 515-4304 |