



Approved by General Counsel

TR-42 Meeting Report

Date(s): 09/20/2019 - 09/20/2019

Location: Albuquerque, MN

Approved: 10/08/2019

MEETING REPORT – CLOSING PLENARY

Organization: TIA TR-42 Engineering Committee on Telecommunications Cabling Systems

Chair: Greg Sandels, OFS, (770) 798-2036

Vice Chair: Henry Franc, Belden, (905) 819-0241

Date/Time: Friday, September 20, 2019, 9:00 AM – 12:00 PM

Location: Hyatt Regency Albuquerque
330 Tijeras Avenue NW
Albuquerque NM 87102

1 Administration

1.1 Call to order

The chair, Greg Sandels, called the meeting to order at 8:30 AM

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 (introductions, electronic roster)

The attendees introduced themselves and registered attendance using the on-line system. Quorum was verified by roster call. Attendees:

Attendee	Company	Attendee	Company
Jimenez, Andrew	Anixter	Franc, Henry	Belden
Harpel, Todd	Berk-Tek	Larsen, Wayne	CommScope
Shariff, Masood	CommScope	Cornelison, Ken	Hitachi
Kuniyoshi, Cristina	Furukawa	Emplit, Ray	Harger
Schmalzigaug, Thomas	Huber & Suhner	Conesa, Serge	Immersion4
Jahani, Hamid	JGR Optics	Montstream, Cindy	Legrand
Dearing, Mark	Leviton	Woodman, Brad	Molex
Forbes, Diane	NIS	Sandels, Greg	OFS
Irwin, Phillip	Panduit	Ahmed, Adnan	R&M
Gerber, Matthias	R&M	Ellis, Mark	Stewart Connector
Neveux, Paul	Superior Essex	Maguire, Val	The Siemon Company

Kramarikova, Marianna	TIA	Vaden, Stirling	Vaden Enterprises
Dupuis, Marc	Web Industries		

1.3 Approval of agenda

The meeting agenda (2019-09-102) was approved without objection..

1.4 Intellectual property rights statement (early disclosure policy)

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

TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.

1.5 Distribution of documents and contributions

The following documents were distributed on the TR-42 FTP site:

Document #	Title	Company	Contributor
2019-06-090	TR-42 Closing Plenary Meeting Report Vancouver	TR-42	Jew
2019-09-102	TR-42 Closing Plenary Agenda Albuquerque	TR-42	Sandels
2019-09-126	TR-42.1 Closing Plenary Review	TR-42.1	Cody
2019-09-127	TR-42.3 Closing Plenary Review	TR-42.3	Montstream
2019-09-128	TR-42.5 Closing Plenary Review	TR-42.5	Tellas
2019-09-129	TR-42.7 Closing Plenary Review	TR-42.7	Larsen
2019-09-130	TR-42.9 Closing Plenary Review	TR-42.9	Woodman
2019-09-131	TR-42.11 Closing Plenary Review	TR-42.11	Irwin
2019-09-132	TR-42.12 Closing Plenary Review	TR-42.12	Van Vickle
2019-09-133	TR-42.13 Closing Plenary Review	TR-42.13	Sandels
2019-09-137	ITU Liaison Report	TR-42	Pondillo
2019-09-138	Liaison to ODVA re Industrial Single Pair Cabling	TR-42.9	Woodman

1.6 Meeting report review and approval

The meeting report from the June meeting (2019-06-090) was approved without objection.

2 Old business

2.1 Liaison letters received since the opening plenary

The ITU liaison report 2019-09-137 was presented by Peter Pondillo.

2.2 Subcommittee reports and plenary action

2.2.1 TR-42.1 – Premises Telecommunications Infrastructure

Diane Forbes presented 2019-09-126 on behalf of Joe Cody

TR-42.1 resolved industry ballot comments for the ballot of TIA-568.0-E *Generic Telecommunications Cabling for Customer Premises* and authorized a default ballot with conditional approval to publish.

TR-42.1 resolved industry ballot comments for the ballot of TIA-568.1-E *Commercial Building Telecommunications Cabling Standards* and authorized a default ballot with conditional approval to publish.

TR-42.1 resolved committee ballot comments for the revision of TSB-162-A *Wireless Access Points* and authorized a second committee ballot.

TR-42.1 authorized an industry ballot for AANSI/TIA-4966-A *Education Facilities*.

TR-42.1 created a new task group (to be jointly lead and populated with TR-42.7) to address Building Automation & Multi-Drop single pair Ethernet.

2.2.2 TR-42.3 – Telecommunications Administration, Pathways, Spaces, Bonding and Grounding

Cindy Montstream presented 2019-09-127.

TR-42.3 reported that TIA-569-E was published.

TR-42.3 reported that TIA-607-D was published as default ballot closed successfully without negative or technical comments.

TR-42.3 is examining the possibility of harmonizing TIA-607-D Annex D *Towers and Antennas* with TIA-222-H (TR-14 document).

2.2.3 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Diane Forbes presented 2019-09-128 on behalf of Ron Tellas.

TR-42.5 will maintain the TR-42 document list. Chairs are requested to maintain their own document status lists until the logistics can be worked out.

2.2.4 TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented 2019-09-129.

TR-42.7 reviewed the draft of TIA-568.2-D-2 and authorized an industry ballot.

TR42.7 resolved mock ballot comments for TIA-568.5 and authorized a committee ballot.

TR42.7 authorized a new project for requirements for *Field Testers for Single Pair*.

TR42.7 will consider a new project at the next meeting for *Heating of Single Pair Cabling*.

2.2.5 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented 2019-09-130.

TR-42.9 reported that TIA-1005-A reaffirmation ballot closes November 11, 2019.

TR-42.9 cancelled the PAR for TIA-1005-A Addendum 2 and Addendum 3. Information contained in these documents will be included in the next revision of TIA-1005

TR-42.9 approved a project for revising TIA-1005-A (B revision). Work will commence after the reaffirmation of TIA-1005-A.

TR-42.9 presented a draft outgoing Liaison letter to ODVA regarding Industrial Single Pair Cabling 2019-09-138.

2.2.6 TR-42.11 – Optical Fiber Systems

Greg Sandels presented 2019-09-131 on behalf of Phil Irwin.

TR-42.11 will resolve second committee ballot comments on TSB-5069 *Optical Fiber Channel Polarity* at the next meeting.

TR-42.11 approved a project for TIA-568.3-D to incorporate addendum TIA-568.3-D.1 and additional content.

TR-42.11 approved a project for TIA-526-D.

2.2.7 TR-42.12 – Optical Fibers and Cables

Greg Sandels presented 2019-09-132 on behalf of Patrick Van Vickle.

TR-42.12 resolved ballot comments for ANSI/TIA-455-82B (FOTP-82) *Fluid Penetration* and authorized another industry ballot.

TR-42.12 resolved ballot comments for TIA-455-244 (FOTP-244) *Temperature Cycling of Expressed Tubes* and authorized an industry ballot.

TR-42.12 reviewed the TIA-492 series restructuring and has approved an industry ballot for TIA-492AAAF and IEC-60793-2-10.

TR-42.12 approved a project for the revision of FOTP-191, IEC-60793-1-45 Optical Fibres (Parts 1-45) *Measurement Methods and Test Procedures – Mode Field Diameter* and authorized an industry ballot.

2.2.8 TR-42.13 – Passive Optical Devices and Fiber Optic Metrology

Greg Sandels presented 2019-09-133.

TR-42.13 reviewed a presentation on the SEN (CS) Connector FOCUS 19, an amended version.

2.3 NEC Public Input Task Group

Masood Shariff informed the committee that the NEC Input Task Group is dormant because public inputs were closed after the first draft was generated.

2.4 Other old business

There was no other old business.

2.4.1 Treatment of Technical Comments within the ECOP

TR-42 unanimously approved the motion to request that the TSSC modify the ECOP in regards to how technical comments are addressed relative to a default ballot as follows:

- 1) Given that an approved technical comment can be resolved editorially and not impact (be included on) a default ballot;
 - a) Can we treat a rejected technical comment that was editorial (informative in nature), similarly to the situation above, that it need not be included on the default ballot.
- 2) Given that if an comment is mislabeled (by the commenter) as editorial, it should be changed to technical by the document editor for the purposes of ballot comment resolution;
 - b) Can we change a mislabeled comment (by the commenter) from technical to editorial for the purposes of ballot comment resolution. If indeed it was an error in labelling, it made no technical changes, and agreed to by the original commenter.

2.4.2 Other old business

There was no other old business.

3 New business and output documents

3.1 TIA Agenda and Reports new templates

Marianna Kramarikova presented the proposed revised meeting agenda and report templates for review by the committee leaders.

Note that subcommittee agendas must be named Agenda and Meeting Notice, as ANSI rules require both.

3.2 Output documents

3.2.1 US TAG to ISO/IEC JTC 1/SC 25/WG 3

- None

3.2.2 IEEE 802.3 and other SDOs

The following documents were approved to be sent to IEEE 802.3

- None

TR-42 approved the liaison response to CCCA (2019-06-092).

3.2.3 Other output documents

There were no other output documents.

3.3 Other new business

There was no other new business.

4 TR-42 Photography Contest

The winners of this week's photo contest is Patrick Van Vickle with two photographs a New Mexico Vista, as well an Abandoned Stone Building with Albuquerque in the background.

Patrick Van Vickle won Photo of the Year with his photo of the New Mexico Vista from the side of an Abandoned Stone Building and will receive his print on glass.

5 Action items derived from this meeting

- Greg Sandels to send liaison response to ODVA (2019-09-138)
- Greg Sandels reminded TR-42 that elections will be held for even numbered committees at the next plenary meeting (TR-42 and TR-42.12 are affected)
- Marianna Kramáriková to provide announcement and confirmation of the next meeting location in New Orleans

6 Upcoming meetings

6.1 January 27-31 2020 – New Orleans

6.2 Subsequent meetings

TR-42's preference is to have meeting locations scheduled at least one year in advance.

Meeting dates for 2020 are:

- June 8-12, 2020 – US Central – Denver, Cleveland, Chicago
- Due to the continuing changes and uncertainty of the IEC general meeting dates for fall 2020 it was decided to fix the dates for the TR-42 meeting dates for October 5-9, 2020. Location is to be determined. TR42 decided to not coordinate meeting dates with IEC as the dates are still not fixed.

6.3 Meeting schedule for January 2020

TR-42 approved the flexible scheduling scheme and will continue to improve it. The meeting schedule for September will be developed via correspondence.

7 Adjournment

The meeting was adjourned at approximately 10:30 am

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

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. For information on how to access the FTP site, contact TIA (Marianna Kramarikova: MKramarikova@tiaonline.org).

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 in electronic format. 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:

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