

Approved by General Counsel

TR-42 Meeting Report

Date(s): 02/06/2017 - 02/06/2017

Location: Philadelphia, PA

Approved: 02/13/2017

MEETING REPORT – OPENING PLENARY

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

Chair: Ray Emplit, Harger Lightning and Grounding, (610) 273-2648

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

Date/Time: Monday, February 6, 2017, 9:00 – 11:45 AM

Location: DoubleTree by Hilton Hotel Philadelphia Center City
237 South Broad St
Philadelphia, PA 19107

1 Administration

1.1 Call to order

The chair, Ray Emplit, called the meeting to order at 9:00 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.

1.2 Attendance (introductions, electronic roster)

The attendees introduced themselves and registered attendance using the on-line system. This is an informational meeting and quorum is not taken. Attendees:

Attendee	Company	Attendee	Company
Ron, Run	AFL	Lewis, Jonathan	Huber + Suhner
Scholten, Michael	AFL	Schmalzigaug, Thomas	Huber + Suhner
Franc, Henry	Belden	Pelletier, Antoine	Intertek
Xu, Qing	Belden	Jew, Jonathan	J&M Consultants
Keller, David	Berk-Tek	Fitzmaurice, Keith	JPMorgan Chase
Chambal, Melissa	CNet Training	Montstream, Cindy	Legrand
Broughton, Adam	CommScope	Hopper, Scott	Leviton
Kolesar, Paul	CommScope	Diminico, Christopher	MC Communications
Larsen, Wayne	CommScope	Woodman, Brad	Molex Inc.
Shariff, Masood	CommScope	Forbes, Diane	NW Info Services

Cornelison, Ken	Consultant	Sexton, Glenn	NW Info Services
Alley, Chad	Corning	Kinard, Michael	OFS
Pondillo, Peter	Corning	Sandels, Greg	OFS
Swanson, Steven	Corning	Shubochkin, Roman	OFS
Jones, Rich	Datacom Stds Cons	Drobot, Adam	OpenTechWorks
Judson, Ward	ERICO	Amezcuca, Adrian	Prysmian group
Bernal, Ivan	Experior	Neveux, Paul	Superior Exxex
Withey, James	Fluke Networks	Vaden, Sterling	Surtec Industries
Kuniyoshi, Cristina	Furukawa	Ehredt, Allen	Telegartner
Rainville, Michael	General Cable	Celella, Brian	The Siemon Co
Emplit, Ray	Harger	Palangdao, Germaine	TIA
Harger, Mark	Harger	Hodson, Tom	Total Cable Solutions

1.3 Approval of agenda

The meeting agenda (TR42-2017-02-016a) 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
2017-02-005	Incoming Liaison from IEEE 802.3 re Elevated Cable Temperature	IEEE 802.3	Law
2017-02-012	Public Review of ANSI C137d3 PoE Cable Loss for Lighting	CME Consulting	Zimmerman
2017-02-013	NFPA Public Input Task Group Proposal	CommScope	Shariff
2017-02-014	Single-pair Ethernet Task Group Report	TR-42	Franc
2017-02-015	Items for consideration	Corning	Swanson
2017-02-016a	TR-42 Opening Plenary Agenda Philadelphia	TR-42	Emplit
2017-02-017	TR-42 Closing Plenary Agenda Philadelphia	TR-42	Emplit
2017-02-018	TR-42 Opening Plenary Report	TR-42	Emplit
2017-02-019	TR-42.1 Opening Plenary Preview	TR-42.1	Franc
2017-02-020a	TR-42.3 Opening Plenary Preview	TR-42.3	Montstream
2017-02-021	TR-42.5 Opening Plenary Preview	TR-42.5	Forbes

2017-02-022	TR-42.6 Opening Plenary Preview	TR-42.6	Jew
2017-02-023	TR-42.7 Opening Plenary Preview	TR-42.7	Larsen
2017-02-024	TR-42.9 Opening Plenary Preview	TR-42.9	Lounsbury
2017-02-025	TR-42.10 Opening Plenary Preview	TR-42.10	Sexton
2017-02-026	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
2017-02-027	TR-42.12 Opening Plenary Preview	TR-42.12	Kinard
2017-02-028	TR-42.13 Opening Plenary Preview	TR-42.13	Sandels
2017-02-029	TR-42.16 Opening Plenary Preview	TR-42.16	Harger
2017-02-030a	IEEE 802.3 Liaison Report	IEEE 802.3	DiMinico
2017-02-031	ISO IEC JTC1 SC25 WG3 Liaison Report	US TAG	Hess
2017-02-032	IEC SC86A Liaison Report	US TAG	Kinard
2017-02-033	IEC SC86B Liaison Report	US TAG	Swanson
2017-02-034	IEC SC86C Liaison Report	US TAG	Pondillo
2017-02-035	ODVA Liaison Report	BICSI	Silviera
2017-02-036	BICSI Liaison Report	ODVA	Lounsbury
2017-02-037	NFPA CMP 3 Liaison Report	TIA	Judson
2017-02-038	NFPA CMP 16 Liaison Report	TIA	Shariff
2017-02-039	TIA Report	TIA	Palangdao

1.6 Chair's report and general items

The Chair presented the Opening Plenary Report (TR42-2017-02-018).

2 Single-pair Ethernet Task Group Report

Wayne Larsen presented the report on the status of the single-pair Ethernet Task Group (2017-02-014).

3 Subcommittee work items this week

3.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Henry Franc presented TR42-2017-02-019

3.2 TR-42.3 – Telecommunications Pathways and Spaces

Cindy Montstream presented TR42-2017-02-020a

3.3 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Diane Forbes presented TR42-2017-02-021

3.4 TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Jonathan Jew presented TR42-2017-02-022.

3.5 TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented TR42-2017-02-023.

3.6 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodmen presented TR42-2017-02-024 on behalf of Bob Lounsbury.

3.7 TR-42.10 – Sustainable Information Communications Technology

Glenn Sexton presented TR42-2017-02-025.

3.8 TR-42.11 – Optical Fiber Systems

Paul Kolesar presented TR42-2017-02-026

3.9 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2017-02-027

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

Greg Sandels presented TR42-2017-02-028

3.11 TR-42.16 – Premises Bonding and Grounding

Mark Harger presented TR42-2017-02-029

4 Liaison letters and reports

4.1 Incoming liaison letters

4.1.1 IEEE 802.3 re elevated cable temperature

The committee reviewed 2017-02-005 Incoming Liaison from IEEE 802.3 re Elevated Cable Temperature. No action is required

4.1.2 Other incoming liaison letters

There were no other incoming liaison letters

4.2 Liaison reports

4.2.1 IEEE 802.3

Chris DiMinico presented 2017-02-030a, the IEEE 802.3 report. No action is required.

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

Jonathan Jew presented 2017-02-031, the ISO IEC JTC1 SC25 WG3 Liaison Report on behalf of Dave Hess. No action is required.

Jonathan also announced that Brian Cerella will be receiving the IEC 1906 Award, that recognizes exceptional current achievements of experts.

4.2.3 IEC TC 86

4.2.3.1 SC 86A

Mike Kinard presented, 2017-02-032, the IEC SC86C Liaison Report. Peter Pondillo will be presenting the IEC SC86A report in the future. No action is required.

4.2.3.2 SC 86B

Steve Swanson presented, 2017-02-033, the IEC SC86B Liaison Report. No action is required.

4.2.3.3 SC 86C

Peter Pondillo presented, 2017-02-034, the IEC SC86C Liaison Report. No action is required.

4.2.4 ODVA/SC65C JWG 10

Brad Woodman presented, 2017-02-035, the ODVA Liaison Report on behalf of Bob Lounsbury. No action is required.

4.2.5 BICSI

Ray Emplit presented 2017-02-036, the BICSI Liaison Report on behalf of Jeff Silvieria. No action is required.

4.2.6 NFPA

4.2.6.1 Panel 3

Ward Judson presented 2017-02-037, the FNPA CMP 13 Liaison Report. No action is required.

4.2.6.2 Panel 16

Masood Shariff presented 2017-02-038, the FNPA CMP 16 Liaison Report. No action is required.

4.2.7 TIA

Germaine Palangdao presented the TIA report (2017-02-039).

She introduced a special guest, Adam Drobot, a TIA board member, Chair of the TIA Technology Committee, and Chair of the CTO Council.

Germaine announced that OFS and Corning received the Technology and Engineering Emmy Award by the National Academy of Television Arts and Sciences for contributions toward the "Pioneering Invention and Deployment of Fiber Optic Cable."

She announced that there will be an Award Reception on Tuesday evening from 6:15 pm to 7:15 pm at the Mezzanine Level Balcony Restaurant for Corning, OFS, and Brian Celella.

5 New business and output documents

5.1 Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

5.2 Leadership FTP folders

Ray Emplit described the leadership FTP folders, which have been created to keep editable copies of all standards, tables, and figures.

5.3 NFPA Public Input Task Group Proposal

Masood Shariff presented 2017-02-013, NFPA Public Input Task Group Proposal. The committee agreed to review the following proposals at the closing plenary:

- to form a TIA TR-42 NFPA task group to develop public input recommendations for the 2020 Code.
- to review and approve the NFPA task group recommendations to be entered as PI (public input) on behalf of TIA TR-42
- maintain the NFPA task group for advice and input to TR-42 and the TR-42 liaison offers to NFPA 70 until the Code is approved in July 2019.

5.4 Public Review of Proposed ANSI C127.3

Wayne Larsen presented, 2017-02-12, Public Review of ANSI C137d3 PoE Cable Loss for Lighting on behalf of George Zimmerman.

Experts are encouraged to review the draft and participate in the public review. No action is required by TR-42.

5.5 Proposed Revisions of Ballot Comment Form and Meeting Schedules

Steve Swanson presented, 2017-02-15, Items for Consideration, regarding:

- revision of the TIA ballot comment form to harmonize with the IEC ballot comment form
- revision of the TR-42 schedule to start at 1 pm on Monday and end at 12 pm on Thursday

The committee will consider the revision to the ballot comment form in the closing plenary.

5.6 Other

There was no other new business.

5.7 Action items derived from this meeting

- Consider at the closing plenary if the IEC TC 86 subcommittee reports should be combined
- Consider if we should have a similar liaison report from IEC SC 46C & IEC SC 48B, the IE subcommittees responsible for copper cabling components.
- Consider the NFPA Public Input Task Group proposals by Masood Shariff at the closing plenary
- Consider the proposals by Steve Swanson to revise the TIA ballot comment form during the subcommittee meetings and closing plenary.

6 Upcoming meetings

6.1 June 12 - 16, 2017: Quebec City

6.2 Subsequent meetings – to be finalized at closing plenary

- September 18 - 22, 2017: Las Vegas (firm)
- January 29 – February 2, 2018: Florida (location tentative, date firm)
- June 4 – 8, 2018 (tentative)
- October 1 – 5, 2018 (tentative)

7 Adjournment

The meeting was adjourned at 12:12 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 (Stephanie Montgomery: smontgomery@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 posted as described in the timing above shall be classified as "late contributions." They may be considered in the meeting to which they are addressed provided that an appropriate motion receives 50% or greater of a vote.

All late contributions shall be provided to the EDC and to the committee members on a memory stick or CD-ROM along with sufficient paper copies for those members without a PC. 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:**

Ray Emplit, Chair	remplit@harger.com	(610) 273-2648
Greg Sandels, Vice Chair	gsandels@ofsoptics.com	(770) 798-2036
Jonathan Jew, EDC & Secretary	jew@j-and-m.com	(415) 292-7734