

**Approved by General Counsel**

TR-42 Meeting Report

Date(s): 09/18/2017 - 09/18/2017

Location: Las Vegas, NV

Approved: 10/03/2017

## 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, September 18, 2017, 9:00 – 11:45 AM

**Location:** Rio All Suite Hotel  
3700 W Flamingo Rd  
Las Vegas, NV 89103

### 1 Administration

#### 1.1 Call to order

The chair, Ray Emplit, called the meeting to order at 9:01 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:

<b>Attendee</b>	<b>Company</b>	<b>Attendee</b>	<b>Company</b>
Alley, Chad	Corning	Montstream, Cindy	Legrand
Beamish, Norman	Conexant Systems	Neveux, Paul	Superior Essex
Borgman, Michael	Panduit Corp	Payerle, Dan	IDEAL Industries
Diminico, Chris	MC Communications	Pelletier, Antoine	Intertek
Ehredt, Allen	Telegartner	Ron, Run	AFL
Emplit, Ray	Harger, Inc.	Saab, Nicolas	Wirewerks
Forbes, Diane	NIS	Sandels, Greg	OFS
Franc, Henry	Belden	Sexton, Glenn	NIS
Jahani, Hamid	JGR Optics Inc	Shariff, Masood	CommScope
Jew, Jonathan	J&M Consultants	Siev, Virak	Belden

Jones, Cameron	Rockwell ODVA	Stafford, Vicki	Intertek
Judson, Ward	Pentair/CADDY	Tassone, Anthony	Underwriters Labs
Kinard, Michael	OFS	Vaden, Sterling	Surtec Industries
Kountz, Dennis	Chemours	Vanderlaan, Paul	Berk-Tek, LLC
kuniyoshi, cristina	Furukawa	Withey, James	Fluke Networks
Larsen, Wayne	CommScope	Woodman, Brad	Molex Inc.
Montgomery, Stephanie	TIA	Zimmerman, George	CME Consulting

### 1.3 Approval of agenda

The meeting agenda (TR42-2017-09-140) 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
2017-09-122	Incoming Liaison from IEEE 802.3 re 10 Mbs Single Pair Ethernet	IEEE 802.3	Law
2017-09-123	Incoming Liaison from IEC SC 65C JWG10 re Single Pair Ethernet	IEC SC 65C	Russo
2017-09-139	Meeting Schedule Las Vegas Sept 18-22 2017	TR-42	Sandels
2017-09-140	TR-42 Opening Plenary Agenda Las Vegas	TR-42	Emplit
2017-09-142	TR-42 Opening Plenary Report	TR-42	Emplit
2017-09-143	TR-42.1 Opening Plenary Preview	TR-42.1	Franc
2017-09-144	TR-42.3 Opening Plenary Preview	TR-42.3	Montstream
2017-09-145	TR-42.5 Opening Plenary Preview	TR-42.5	Forbes
2017-09-146	TR-42.7 Opening Plenary Preview	TR-42.7	Larsen
2017-09-147	TR-42.9 Opening Plenary Preview	TR-42.9	Lounsbury
2017-09-148	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
2017-09-149	TR-42.12 Opening Plenary Preview	TR-42.12	Kinard
2017-09-150	TR-42.13 Opening Plenary Preview	TR-42.13	Sandels
2017-09-152a	NFPA Pubic Input Task Group Report	TR-42	Shariff
2017-09-153	IEEE 802.3 Liaison Report	IEEE 802.3	DiMinico

2017-09-154	ISO IEC JTC1 SC25 WG3 Liaison Report	US TAG	Hess
2017-09-155	IEC TC 46, IEC SC 46C & IEC SC 48B Liaison Report	US TAG	Hess
2017-09-160	BICSI Liaison Report	BICSI	Silviera
2017-09-161	NFPA CMP 3 Liaison Report	TIA	Judson
2017-09-162	NFPA CMP 16 Liaison Report	TIA	Shariff

## **1.6 Chair's report and general items**

The Chair presented the Opening Plenary Report (TR42-2017-09-142).

## **2 Task Group Reports**

### **2.1 NEC Input Task Group Report**

Masood Shariff presented the NFPA Public Input Task Group Report (TR42-2017-09-152a).

## **3 Subcommittee work items this week**

### **3.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling**

Joe Cody presented TR42-2017-09-143.

### **3.2 TR-42.3 – Telecommunications Pathways and Spaces**

Cindy Montstream presented TR42-2017-09-144.

### **3.3 TR-42.5 – Telecommunications Infrastructure Terms and Symbols**

Diane Forbes presented TR42-2017-09-145.

### **3.4 TR-42.7 – Telecommunications Copper Cabling Systems**

Wayne Larsen presented TR42-2017-09-146.

### **3.5 TR-42.9 – Industrial Telecommunications Infrastructure**

Brad Woodman presented TR42-2017-09-147 on behalf of Bob Lounsbury.

### **3.6 TR-42.11 – Optical Fiber Systems**

Greg Sandels presented TR42-2017-09-148 on behalf of Paul Kolesar.

### **3.7 TR-42.12 – Optical Fibers and Cables**

Mike Kinard presented TR42-2017-09-149.

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

Greg Sandels presented TR42-2017-09-150.

## **4 Liaison letters and reports**

### **4.1 Incoming liaison letters**

#### **4.1.1 IEEE 802.3 re single-pair Ethernet**

The committee reviewed 2017-09-122 Incoming Liaison from IEEE 802.3 re 10 Mbs Single Pair Ethernet. No action is required

#### **4.1.2 IEC TC 65/SC 65C/JWG 10 re IEEE single-pair Ethernet**

The committee reviewed 2017-09-123 Incoming Liaison from IEC SC 65C JWG10 re Single Pair Ethernet. TR-42.9 will draft a liaison to IEC SC 65C JWG10 for the closing plenary regarding IEC TC 65C JWG 10's request for coordination of development of single-pair Ethernet standards.

#### **4.1.3 Other incoming liaison letters**

There were no other incoming liaison letters

### **4.2 Liaison reports**

#### **4.2.1 IEEE 802.3**

Chris DiMinico presented 2017-09-153, 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 2017-09-154, the ISO IEC JTC1 SC25 WG3 Liaison Report on behalf of Dave Hess. No action is required.

#### **4.2.3 IEC TC 46, IEC SC 46C & IEC SC 48B**

The subcommittee reviewed 2017-09-155, the IEC TC 46, IEC SC 46C & IEC SC 48B Liaison Report from Dave Hess. No action is required.

#### **4.2.4 IEC TC 86**

##### **4.2.4.1 SC 86A**

There was no IEC SC86A Liaison Report.

##### **4.2.4.2 SC 86B**

There was no IEC SC86B Liaison Report.

##### **4.2.4.3 SC 86C**

There was no IEC SC86C Liaison Report.

#### **4.2.5 ODVA/SC65C JWG 10**

There was no ODVA Liaison Report.

#### **4.2.6 BICSI**

Ray Emplit presented 2017-09-160, the BICSI Liaison Report on behalf of Jeff Silivera. No action is required.

#### **4.2.7 NFPA**

##### **4.2.7.1 Panel 3**

Ward Judson presented 2017-09-161, the NFPA CMP 13 Liaison Report. No action is required.

##### **4.2.7.2 Panel 16**

Masood Shariff presented 2017-09-162, the NFPA CMP 16 Liaison Report. No action is required.

#### **4.2.8 TIA**

Stephanie Montgomery provided an oral presentation for the TIA report. Ms Montgomery requested that the formal report be presented at the closing plenary.

### **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 Other**

There was no other new business.

#### **5.3 Action items derived from this meeting**

- TR-42.9 will draft a liaison to IEC SC 65C JWG10 for the closing plenary regarding their request for coordination of development of single-pair Ethernet standards.
- Add agenda item for February 2018 closing plenary to consider changing the schedule for elections of officers.

### **6 Upcoming meetings**

#### **6.1 January 2 – February 2, 2018: Orlando**

#### **6.2 Subsequent meetings – to be finalized at closing plenary**

- June 11 – 15, 2018: probably Pittsburgh, PA
- October 1 – 5, 2018: Phoenix or Seattle suggested

#### **6.3 2019 meeting dates (tentative - to be reviewed at closing plenary)**

- February 4 – 8, 2019

- June 3 – 7, 2019
- October 7 – 11, 2019

## 7 Adjournment

The meeting was adjourned at 10:55 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](mailto: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	<a href="mailto:remplit@harger.com">remplit@harger.com</a>	(610) 273-2648
Greg Sandels, Vice Chair	<a href="mailto:gsandels@ofsoptics.com">gsandels@ofsoptics.com</a>	(770) 798-2036
Jonathan Jew, EDC & Secretary	<a href="mailto:jew@j-and-m.com">jew@j-and-m.com</a>	(415) 292-7734