



## **Approved by General Counsel**

TR-42 Meeting Report

Date(s): 01/29/2016 - 01/29/2016

Location: New Orleans, LA

Approved: 02/04/2016

## MEETING REPORT – CLOSING 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:** Friday, January 29, 2016, 8:00 AM – noon

**Location:** Astor Crowne Plaza New Orleans  
739 Canal Street  
New Orleans, LA 70130

### 1 Administration

#### 1.1 Call to order

The chair, Ray Emplit, called the meeting to order at 8:00 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 (quorum, 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
Bourgeois, Stephane	Belden	Dearing, Mark	Leviton
Franc, Henry	Belden	Woodman, Brad	Molex Inc.
Keller, David	Berk-Tek	Forbes, Diane	NW Info Services
Kolesar, Paul	CommScope	Sexton, Glenn	NW Info Services
Larsen, Wayne	CommScope	Lounsbury, Bob	ODVA/Rockwell
Shariff, Masood	CommScope	Kinard, Michael	OFS
Hess, Dave	CORD DATA	Sandels, Greg	OFS
Alley, Chad	Corning	Tellas, Ron	Panduit
Withey, James	Fluke Networks	Corke, Mike	Siemon
Kuniyoshi, Cristina	Furukawa	Born, Steve	Superior Essex
Emplit, Ray	Harger, Inc.	Wilson, Michael	Tellabs

Jew, Jonathan	J&M Consultants	Maguire, Val	The Siemon Company
McMurray, Martin	JPMorgan Chase	Palangdao, Germaine	TIA
Montstream, Cindy	Legrand		

### 1.3 Approval of agenda

The meeting agenda (TR42-2016-01-014) 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
2015-10-160	TR-42 Closing Plenary Meeting Report Denver	TR-42	Jew
2016-01-014	TR-42 Closing Plenary Agenda New Orleans Jan 29 2016	TR-42	Emplit
2016-01-034	TR-42.1 Closing Plenary Review	TR-42.1	Franc
2016-01-035	TR-42.3 Closing Plenary Review	TR-42.3	Montstream
2016-01-036	TR-42.5 Closing Plenary Review	TR-42.5	Forbes
2016-01-037	TR-42.6 Closing Plenary Review	TR-42.6	Jew
2016-01-038	TR-42.7 Closing Plenary Review	TR-42.7	Larsen
2016-01-039	TR-42.9 Closing Plenary Review	TR-42.9	Lounsbury
2016-01-040	TR-42.10 Closing Plenary Review	TR-42.10	Sexton
2016-01-041	TR-42.11 Closing Plenary Review	TR-42.11	Kolesar
2016-01-042	TR-42.12 Closing Plenary Review	TR-42.12	Kinard
2016-01-043	TR-42.13 Closing Plenary Review	TR-42.13	Sandels
2016-06-044	TR-42.16 Closing Plenary Review	TR-42.16	Harger
2016-01-049a	Outgoing Liaison to IEEE 802.3 re TIA-1005-A-3	TR-42.9	Woodman
2016-01-050	Outgoing Liaison to IEEE 802.3 re cable heating	TR-42.7	Larsen
2016-01-051a	TIA Press Release Regarding TIA-568.2-D	TR-42.7	Shariff
2016-06-057	Meeting Schedule Portland	TR-42	Sandels

## **1.6 Elections**

### **1.6.1 Chair**

Ray Emplit of Harger was unanimously elected as chair of TR-42.

### **1.6.2 Vice Chair**

Greg Sandels of OFS was unanimously elected as vice-chair of TR-42.

## **1.7 Meeting report review and approval (TR42-2015-10-160)**

The meeting report from the October, 2016 meeting in Denver was approved without objection.

## **1.8 Election results for even-numbered subcommittees**

The results of the even-number subcommittee elections follow:

<b>Subcommittee</b>	<b>Chair</b>	<b>Vice-Chair</b>
TR-42.6	Jonathan Jew, J&M Consultants	Cindy Montstream, Legrand
TR-42.10	Glenn Sexton, Northwest Information Services	Henry Franc, Belden
TR-42.12	Michael Kinard, OFS	Brett Lane, Panduit
TR-42.16	Mark Harger, Harger Lightning & Grounding	Cindy Montstream, Legrand

## **1.9 Appreciation of Germaine Palangdao**

The committee expressed its gratitude to Germaine Palangdao for her service to TR-42.

## **2 Old business**

### **2.1 Liaison letters received since the opening plenary**

No liaison letters were received after the opening plenary.

### **2.2 Subcommittee reports and plenary action**

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

Henry Franc presented TR42-2016-01-034.

TIA-5017, Physical Security, was approved for publication because the default ballot closed without a negative or technical comment.

TIA-5018 DAS standard will be published if there are no negative or technical comments to the default ballot to be issued after the meeting.

The first committee ballot will be issued for TIA-942-B after the meeting.

Motions were made and unanimously approved to send the TR-42.1 output documents in 3.1.

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

Cindy Montstream presented TR42-2016-01-035.

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

Diane Forbes presented TR42-2016-01-036.

## **2.2.4 TR-42.6 – Telecommunications Infrastructure and Equipment Administration**

Jonathan Jew presented TR42-2016-01-037.

Jonathan reported that TIA-606-B-1 AIM is approved for publication because the default ballot closed with no negative votes or technical comments.

Work on TIA-606-C will be initiated at the next meeting.

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

Wayne Larsen presented TR42-2016-01-038.

Wayne Larsen reported that ANSI/TIA-1183-1, category 8 testing was approved for publication.

Wayne Larsen reported that a new project request was approved for ANSI/TIA-1183-A, which will include ANSI/TIA-1183-1.

Wayne Larsen reported that a new project request was approved for ANSI/TIA-568.2-D.

ANSI/TIA-568-C.2-1, Category 8 cabling will be published if there are no negative or technical comments to the default ballot to be issued after the meeting.

A motion was made and unanimously approved to send a liaison to IEEE 802.3 concerning our advancing understanding of cable heating (2016-01-050).

A motion was made and unanimously approved to issue a press release describing the ANSI/TIA/568.2-D project (2016-01-051a).

Motions were made and unanimously approved to send the TR-42.7 output documents in 3.1.

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

Bob Lounsbury presented TR42-2016-01-039.

A motion was made and unanimously approved to send a liaison to IEEE 802.3 regarding ANSI/TIA-1005-A-3 (2016-01-049a).

## **2.2.7 TR-42.10 - Sustainable Information Communications Technology**

Glenn Sexton presented TR42-2016-01-040.

The subcommittee closed the project for the TIA-5011 standard (sustainability for ICT manufacturers). It will be replaced with a new project for a TSB on sustainability for ICT manufacturers.

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

Paul Kolesar presented TR42-2016-01-041.

ANSI/TIA-568.3-D will be published if there are no negative or technical comments to the default ballot to be issued after the meeting.

TR-42.11 may not meet during the October 2016 meeting in Philadelphia due to a potential conflict with the IEC 86 meeting.

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

Mike Kinard presented TR42-2016-01-042.

FOTP-104 cable cyclic flex was approved for publication

FOTP-25, TIA-455-25D, cable impact test was published

New projects include:

- FOTP-175 – chromatic dispersion
- FOTP-176 – fiber geometry, gray scale
- FOTP-177 – graded index MMF NA
- FOTP-178 – coating strippability
- ANSI/TIA-455-175C, chromatic dispersion, adoption of IEC 60793-1-42

It is unlikely that TR-42.12 will meet during Oct 2016 TR-42 meeting in Philadelphia due to a potential conflict with the IEC 86 meeting.

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

Greg Sandels presented TR42-2016-01-043.

It is unlikely that TR-42.13 will meet during Oct 2016 TR-42 meeting in Philadelphia due to a potential conflict with the IEC 86 meeting.

### **2.2.11 TR-42.16 – Premises Bonding and Grounding**

Cindy Montstream presented TR42-2016-01-044 on behalf of Mark Harger.

## **2.3 Other old business**

There was no other old business.

## **3 New business and output documents**

### **3.1 Output documents**

#### **3.1.1 US TAG to ISO/IEC JTC 1/SC 25/WG 3**

- Draft TSB-184-A, remote powering
- Draft TSB-5021, support of 2.5G and 5GBase-T using Cat 5e and Cat 6 cabling
- ANSI/TIA-942-A-1, data center fabrics (final)
- Draft TSB-5018 DAS

### **3.1.2 IEEE 802.3 and other SDOs**

The following document was approved to be sent to IEC TC 46 (field testing of cable assemblies)

- TIA-1152-A draft

The following documents were approved to be sent to IEEE 802.3

- TSB-184-A draft from this meeting (for IEEE 802.3bt project)
- TSB-184-A draft from TR-42.7 interim meeting in April (for IEEE 802.3bt project)
- TSB-5021 draft from this meeting (for IEEE 802.3bz project)
- TSB-5021 draft from TR-42.7 interim meeting in April (for IEEE 802.3bz project)

### **3.1.3 Other output documents**

Outgoing Liaisons (approved above):

- Liaison to IEEE 802.3 concerning our advancing understanding of cable heating (2016-01-050)
- Liaison to IEEE 802 regarding ANSI/TIA-PN-1005-A-3 (2016-01-049a).
- Liaison letters for output documents to IEEE 802.3 and IEC TC 46

Press release from TIA regarding new ANSI/TIA/568.2-D project

## **3.2 Other new business**

There was no new business.

## **3.3 Action items derived from this meeting and held over from previous meetings**

- TIA to issue a press release describing the ANSI/TIA/568.2-D project (2016-01-051a).
- Ray Emplit to review the adequacy of the current TIA reporting system to be used as program of work.
- Ray Emplit and Germaine Palangdao to investigate options to provide FTP access for non-TIA member Task Group participants.
- Germaine to investigate the options if we are unable to meet our obligation regarding the number of registered hotel guests.

## **4 Upcoming meetings**

### **4.1 Next meeting**

The next TR-42 meeting will be June 13 – 17, 2016 in Portland, OR.

There was a motion to reschedule the June meeting to June 6-10 – the motion failed.

### **4.2 Subsequent meetings (2017 locations tentative)**

- October 3 – 7, 2016: Philadelphia, PA
- February 6 – 10, 2017: San Diego, Palm Springs, Indian Wells
- June 12 – 16, 2017: Toronto, Quebec, Montreal
- October 2 – 6, 2017: Boston, Cambridge, Charleston (SC)

#### 4.3 Meeting schedule for next meeting

The Committee discussed the draft schedule for the next meeting - it will be handled by correspondence. We will try to fit the schedule into two meeting rooms.

#### 4.4 Certificates of Appreciation

Certificates of appreciation were awarded by TIA to the TR-42 and the TR-42 sub-committee leadership for 2013-2015.

### 5 Adjournment

The meeting was adjourned at 9:48 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



