

**Approved by General Counsel**

TR-42 Meeting Report

Date(s): 06/13/2014 - 06/13/2014

Location: San Diego, CA

Approved: 06/16/2014

## 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, June 13, 2014, 8:00 AM – noon

**Location:** Loews Coronado Bay Hotel  
4000 Coronado Bay Road  
San Diego, CA 92118

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#### 1 Administration

##### 1.1 Call to order

Chair Ray Emplit called the meeting to order at 8:00 AM.

##### 1.2 Attendance (quorum, introductions, electronic roster)

The attendees introduced themselves and attendance was registered using the TIA electronic roster. Quorum was achieved (verified by roster call). Attendees:

NAME	ORGANIZATION	NAME	ORGANIZATION
Franc, Henry	Belden	Jew, Jonathan	J&M Consultants
Xu, Qing	Belden	Huffaker, Stephen	JPMorgan Chase
Kish, Paul	Belden	Montstream, Cindy	Legrand
Kolesar, Paul	CommScope	Dearing, Mark	Leviton
Larsen, Wayne	CommScope	Woodman, Brad	Molex
Shariff, Masood	CommScope	Sexton, Glenn	Northwest Info Svcs
Hess, Dave	CORD DATA	Kinard, Michael	OFS
Alley, Chad	Corning	Tellas, Ron	Panduit
Farmer, Larry	Diamond Technology	West, Tim	Superior Essex
Dawson, Fred	Dupont	Kikendall, Morgan	TE Connectivity
Judson, Ward	ERICO	Polland, Joe	TE Connectivity
Withey, James	Fluke Networks	Seader, Aron	TE Connectivity

Kuniyoshi, Cristina	Furukawa	Ehredt, Allen	Telegartner
Emplit, Ray	Harger	Maguire, Val	The Siemon Company
Garza, Eduardo	Hitachi Cable	Mitcheltree, Tom	US Conec
Schmalzigaug, Thomas	Huber+Suhner	Glick, Harold	U.S. Navy
Pivonka, Ed	Ideal Industries	Vaden, Sterling	Vaden Enterprises

### 1.3 Approval of agenda

The meeting agenda (TR42-2014-06-047b) 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
2014-01-043	TR-42 Closing Plenary Meeting Report Fort Myers Jan 31 2014	TR-42	Emplit
2014-06-047b	TR-42 Closing Plenary Agenda San Diego Jun 13 2014	TR-42	Emplit
2014-06-064	TR-42.1 Closing Plenary Review	TR-42.1	Emplit
2014-06-065	TR-42.3 Closing Plenary Review	TR-42.3	Franc
2014-06-066	TR-42.5 Closing Plenary Review	TR-42.5	Kish
2014-06-067	TR-42.6 Closing Plenary Review	TR-42.6	Jew
2014-06-068	TR-42.7 Closing Plenary Review	TR-42.7	Larsen
2014-06-069	TR-42.9 Closing Plenary Review	TR-42.9	Woodman
2014-06-070	TR-42.10 Closing Plenary Review	TR-42.10	Roy
2014-06-071	TR-42.11 Closing Plenary Review	TR-42.11	Kolesar
2014-06-072	TR-42.12 Closing Plenary Review	TR-42.12	Kinard
2014-06-073	TR-42.13 Closing Plenary Review	TR-42.13	Sandels
2014-06-074	TR-42.16 Closing Plenary Review	TR-42.16	Harger
2014-06-078	Project Request Cabling for Physical Network Security Telecommunications	TR-42.1	Shariff
2014-06-079	Project Request Cabling for Distributed Antenna Systems	TR-42.1	Roy

2014-06-080	TIA-606-B-1 PAR	TR-42.6	Jew
2014-06-086	Outgoing Liaison Letter to UL on UL 2416-201x	TR-42.3	Franc
2014-06-086	Outgoing Liaison Letter to UL on UL 2416-201x	TR-42.3	Franc
2014-06-087	PAR HPSC Apps	TR-42.7	Jimenez
2014-06-088	PAR TSB-184A	TR-42.7	AbuGhazaleh
2014-06-089	Outgoing Liaison to IEEE 802.3	TR-42.7	Larsen
2014-06-090	ECOP Task Group Closing Plenary Report	TR-42	Sandels
2014-06-091a	Meeting Schedule Austin Oct 6-10 2014	TR-42	Emplit

## 1.6 Meeting report review and approval (TR42-2014-01-043)

The meeting report from the Jan 31, 2013, meeting in Fort Meyers (TR42-2014-01-043) was approved without objection

## 2 Old business

### 2.1 Liaison letters received since the opening plenary

No additional 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

Ray Emplit presented TR42-2014-06-064.

- The Committee unanimously approved the new project authorization for the Distributed Antenna Systems (DAS) TSB (2014-06-079).
- The Committee unanimously approved the new project authorization for the Telecommunications Physical Network Security standard. The update PAR was posted as 2014-06-078a

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

Henry Franc presented TR42-2014-06-065.

- The Committee reviewed and unanimously approved the liaison to UL regarding BSR/UL 2416-201x, *Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems*. The revised liaison was posted as 2014-06-086a.

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

Paul Kish presented TR42-2014-06-066. There will be a new election for vice-chair for TR-42.5 at the October meeting.

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

Jonathan Jew presented TR42-2014-06-067.

- The Committee unanimously approved the new project authorization for the TIA-606-B-1 (2014-06-080), the Automated Infrastructure Management (AIM) addendum to TIA-606-B.

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

Wayne Larsen presented TR42-2014-06-068.

- The Committee unanimously reviewed and approved the liaison to IEEE 802.3 on high speed applications. The updated liaison was posted as TR42-2014-06-089a.
- The Committee unanimously approved the publication of TSB-1197 Mode Conversion Parameters for Balanced Twisted-Pair Cabling.
- The Committee unanimously approved the new project authorization for TSB-184-A Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling (2014-06-088).
- The Committee unanimously approved the new project authorization for High Performance Structured Cabling (HPSC) Applications (2014-06-087). The updated PAR was posted as 2014-06-087a.
- The Committee unanimously approved a motion to permit the Chair to draft liaison letters to IEEE 802.3 submitting the TIA-568-B.2-1 draft after incorporation of the resolved comments from the June meeting and any revised draft resulting from the July interim TR-42.7 meeting.

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

Brad Woodman presented TR42-2014-06-069.

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

Glenn Sexton presented TR42-2014-06-070. Glenn Sexton will be serving as interim chair of TR-42.10. Henry Franc has been appointed EDC of TR-42.10. Larry Farmer has been appointed the editor of TIA-4994.

Elections for a new chair and vice-chair of TR-42.10 will be at the October, 2014 meeting.

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

Paul Kolesar presented TR42-2014-06-071. Bill Clatenoff has been appointed the new editor for TIA-568.3-D.

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

Mike Kinard presented TR42-2014-06-072.

The Committee unanimously approved publication of ANSI/TIA-455-C, FOTP generic.

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

Greg Sandels presented TR42-2014-06-073.

Matt Wagner was elected as vice-chair of TR-42.13.

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

Cindy Montstream presented TR42-2014-06-074.

## **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**

A motion to send the following 4 documents to the US TAG to ISO/IEC JTC 1/SC 25/WG 3 was approved unanimously:

- (updated draft after incorporating ballot comments) ANSI/TIA-862-B
- (updated draft after incorporating ballot comments) ANSI/TIA-569-D
- (updated draft after July TR-42.7 meeting) ANSI/TIA-568-C.2-1
- ANSI ballot draft of TIA-1005-A-1

#### **3.1.2 IEEE 802.3**

As noted above for the TR-42.7 report, the following two documents were approved to be sent to IEEE 802.3:

- (updated draft after incorporating ballot comments) ANSI/TIA-568-C.2-1.
- (updated draft after July TR-42.7 meeting) ANSI/TIA-568-C.2-1

The Committee unanimously authorized the Chair to respond to the IEEE 802.3bt liaison letter regarding TSB-184-A on remote powering.

#### **3.1.3 Other output documents**

There were no other output documents.

### **3.2 Revision of TR-42 Operational Guide**

Greg Sandels has been assigned to lead a task group to review the new TIA ECOP, the TR-42 Operational Guide, and propose changes to be considered by TR-42.

Greg Sandels presented TR42-2014-06-090.

### **3.3 Other new business**

There was no other new business.

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

Output documents for ISO/IEC JTC 1/SC 25/WG 3 (see 3.1.1) should be sent to the US TAG Chair Dave Hess.

Output documents for IEEE 802.3 (see 3.1.2) should be sent to TR-42 Liaison to IEEE 802.3 Valerie Maguire.

Liaison letters:

- Liaison letters to IEEE 802.3 for two drafts (after June & July ballots) of ANSI/TIA-568-C.2-1

- Liaison to UL regarding BSR/UL 2416-201x (2014-06-086a)
- Liaison to IEEE 802.3 on high speed applications (TR42-2014-06-089a)
- Liaison to IEEE 802.3 to respond to the IEEE 802.3bt liaison regarding TSB-184-A on remote powering

#### **4 Upcoming meetings**

##### **4.1 October 6 – 10, 2014: Austin, TX**

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

- February 2 – 6, 2015: Tucson, AZ
- June 8 – 12, 2015: Quebec, Canada
- October 12 – 16, 2015: Denver, CO

#### **5 2016 meeting dates and locations**

The Committee reviewed 2016 meeting dates and locations and decided on the following proposed dates and locations:

- January 25 – 29, 2016: either Jacksonville, FL, or New Orleans, LA with a suggestion that the rate be less than \$159/day.
- June 13 – 17, 2016: Portland, OR (preferably the same hotel as the last meeting)
- October 3 – 7, 2016: Philadelphia, PA

#### **6 Schedule for next meeting**

The Committee reviewed the proposed schedule for the next meeting. The revised schedule was posted as 2014-06-091a and 2014-10-092.

#### **7 Adjournment**

The meeting was adjourned at 9:55 AM.

This meeting was conducted in accordance with the TIA Legal Guidelines found in the TIA Procedures for American National Standards.

#### **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	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