

**Approved by General Counsel**

TR-42 Meeting Report

Date(s): 06/10/2013 - 06/10/2013

Location: Portland, OR

Approved: 06/19/2013

## MEETING REPORT – OPENING PLENARY

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

**Chair:** Bob Jensen – dbi Telecommunications Infrastructure Design, (512) 845-6684

**Vice Chair:** Valerie Maguire – The Siemon Company, (602) 228-7943

**Date:** Monday, June 10, 2013

**Location:** Hotel Monaco Portland  
506 SW Washington Street  
Portland, OR 97204

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### IMPORTANT NOTICE OF PARTICIPATION

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### 1 Administration

#### 1.1 Call to order

Vice Chair Valerie Maguire called the meeting to order at 9:00 AM.

#### 1.2 Attendance (introductions, roster)

The attendees introduced themselves and registered attendance using the on-line system. Attendees:

| Name               | Company                     |
|--------------------|-----------------------------|
| Daniel Cronch      | 3M                          |
| Andrew Jimenez     | Anixter, Inc                |
| Julie Burnett      | Belden                      |
| Ana Cruz           | Beledn                      |
| Henry Franc        | Belden                      |
| Paul Kish          | Belden                      |
| Jeff Silveira      | BICSI                       |
| Richard Schumacher | CommScope Network Solutions |
| Paul Kolesar       | CommScope Network Solutions |
| Julie Roy          | CommScope Network Solutions |
| Masood Shariff     | CommScope Network Solutions |

|                      |                                |
|----------------------|--------------------------------|
| Jorge Banos          | Condumex                       |
| Dave Hess            | Cord Data                      |
| Chad Alley           | Corning Incorporated           |
| Peter Pondillo       | Corning Incorporated           |
| Steven Swanson       | Corning Incorporated           |
| Rich Jones           | Datacom Standards Consulting   |
| Ward Judson          | ERICO Inc                      |
| Ray Keden            | ERICO Inc                      |
| Theodore Brillhart   | Fluke Networks                 |
| James Withey         | Fluke Networks                 |
| Cristina Kuniyoshi   | Furukawa Industrial S.A.       |
| Mark Harger          | Harger, Inc                    |
| Eduardo Garza        | Hitachi Cable America          |
| Michael Ressler      | Hitachi Cable America          |
| Aleksandar Opacic    | Huber+Suhner                   |
| Ed Pivonka           | Ideal industries               |
| Antoine Pelletier    | Intertek Testing Services      |
| Jonathan Jew         | J&M Consultants, Inc           |
| Stephen Huffaker     | JPMorgan Chase & Co            |
| Jeff Seefried        | Leviton Network Solutions      |
| Chris DiMinico       | MC Communications              |
| Brad Woodman         | Molex Inc                      |
| Mike Sheldon         | NetIG                          |
| Diane Forges         | Northwest Information Services |
| Glenn Sexton         | Northwest Information Services |
| Ray Emplit           | OBO Bettermann                 |
| Michael Kinard       | OFS                            |
| Derrick Stikeleather | Optical Cable Corporation      |
| Sterling Vaden       | Optical Cable Corporation      |
| Arvind Patel         | Psiber Date Pte Ltd            |
| Bob Lounsbury        | Rockwell Automation            |
| Tim West             | Superior Essex                 |
| Joseph Kish          | TE Connectivity                |
| Joe Pollard          | TE Connectivity                |
| Val Maguire          | The Siemon Company             |
| Herb Congdon         | TIA                            |
| Germaine Palangdao   | TIA                            |
| Anthony Tassone      | Underwriters Laboratories      |

### 1.3 Agenda review and approval

The meeting agenda (TR42-2013-06-077) was approved without objection.

### 1.4 Intellectual property rights (early disclosure policy)

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

TIA's patent policy can be found in the TIA Engineering Manual (5th edition). Participants in the work of the TIA Formulating Group are urged to review this policy. Participants are encouraged to notify TIA of any patents of which they are aware that are related to the practice of a TIA publication early on in the development of the TIA document to reduce the possibility for delays in the development process and increase the likelihood that the draft TIA publication will be approved for publication. Patent searches are not required to comply with the TIA IPR policy. Moreover, the Engineering Manual describes the need for members' disclosure of patents that are essential to practice TIA publications and for members to provide an indication of their willingness to license any known patents.

### 1.5 Distribution of documents and contributions

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

| Document         | Title   | Company             | Contributor |
|------------------|---|---------------------|-------------|
| TR42-2013-06-071 | Incoming Liaison Letter from IEEE 802.3           | IEEE 802.3          | Law         |
| TR42-2013-06-077 | TR-42 Opening Plenary Agenda Portland Jun 10 2013 | TR-42               | Jensen      |
| TR42-2013-06-079 | TR-42 Opening Plenary Report                      | TR-42               | Maguire     |
| TR42-2013-06-080 | TR-42.1 Opening Plenary Preview                   | TR-42.1             | Emplit      |
| TR42-2013-06-081 | TR-42.3 Opening Plenary Preview                   | TR-42.3             | Franc       |
| TR42-2013-06-082 | TR-42.5 Opening Plenary Preview                   | TR-42.5             | Kish        |
| TR42-2013-06-083 | TR-42.6 Opening Plenary Preview                   | TR-42.6             | Huffaker    |
| TR42-2013-06-084 | TR-42.7 Opening Plenary Preview                   | TR-42.7             | Vaden       |
| TR42-2013-06-085 | TR-42.9 Opening Plenary Preview                   | TR-42.9             | Woodman     |
| TR42-2013-06-086 | TR-42.10 Opening Plenary Preview                  | TR-42.10            | Roy         |
| TR42-2013-06-087 | TR-42.11 Opening Plenary Preview                  | TR-42.11            | Kolesar     |
| TR42-2013-06-088 | TR-42.12 Opening Plenary Preview                  | TR-42.12            | Kinard      |
| TR42-2013-06-089 | TR-42.16 Opening Plenary Preview                  | TR-42.16            | Harger      |
| TR42-2013-06-090 | Proposed Network Security Standard Draft 0.4      | Network Security TG | AbuGhazaleh |
| TR42-2013-06-091 | Network Security Task Group Report                | Network Security TG | Shariff     |
| TR42-2013-06-092 | BICSI Liaison Report                              | BICSI               | Silveira    |
| TR42-2013-06-093 | IEC SC86A Liaison Report                          | US TAG              | Kinard      |
| TR42-2013-06-094 | IEEE 802.3 Liaison Report                         | IEEE 802.3          | DiMinico    |
| TR42-2013-06-095 | IEC SC86B Liaison Report                          | US TAG              | Swanson     |
| TR42-2013-06-096 | ISO IEC SC25 JTC1 WG3 Liaison Report              | US TAG              | Hess        |

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

Vice Chair Val Maguire presented the Opening Plenary Report (TR42-2013-06-079).

Ms Maguire also reported that starting in 2014 the elections for officers of the TR-42 Committee will be held at the closing plenary meeting.

## **2 Old Business**

### **2.1 Liaison letters received**

#### **2.1.1 IEEE 802.3**

Document TR42-2013-06-071 was reviewed. It was determined that no response is required.

### **2.2 Liaison reports**

#### **2.2.1 IEEE 802.3**

Chris DiMinico presented TR42-2013-06-094. During the report the following additional information was provided:

- For IEEE 802.3bm, cost, size and power justification analysis needs to be performed for 20 m channels over multimode fiber and 500 m channels over single-mode fiber.
- The preferred solution for IEEE 802.3bp uses a single pair for 1 Gb/s Ethernet in automotive applications.

#### **2.2.2 ISO/IEC JTC 1/SC 25/WG 3 (US TAG)**

Dave Hess presented TR42-2013-06-096.

#### **2.2.3 ODVA/SC65C JWG 10**

There were no reports for ODVA or IEC SC65C.

#### **2.2.4 IEC SC86A**

Mike Kinard presented TR42-2012-06-093.

#### **2.2.5 IEC SC86B**

Steve Swanson presented TR42-2013-06-095.

#### **2.2.6 IEC SC86C**

There was no report for IEC SC86C. A written report was posted to the TR-42 FTP site after the meeting as document TR42-2013-06-098.

#### **2.2.7 Fibre Channel**

There was no liaison report for Fibre Channel.

#### **2.2.8 SCTE**

There was no SCTE liaison report.

## **2.2.9 BICSI**

Jeff Silveira presented TR42-2013-06-092.

## **2.2.10 TIA**

There was no TIA report.

## **3 New business & output documents**

### **3.1 Subcommittee work items for this week**

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

Ray Emplit presented TR42-2013-06-080.

#### **3.1.2 TR-42.2 – Residential Telecommunications Infrastructure**

There was no report for TR-42.2. Subcommittee Chair Ray Emplit requested that a one-hour meeting be scheduled in October.

#### **3.1.3 TR-42.3 – Telecommunication Pathways and Spaces**

Henry Franc presented TR42-2013-06-081.

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

Paul Kish presented TR42-2013-06-082.

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

Steve Huffaker presented TR42-2013-06-083.

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

Sterling Vaden presented TR42-2013-06-084. Mr Vaden reported that the dates for the December interim meeting had been changed to December 10 & 11, 2013.

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

Brad Woodman presented TR42-2013-06-085.

#### **3.1.8 TR-42.10 – Sustainable Information Communications Technology**

Julie Roy presented TR42-2013-06-086.

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

Paul Kolesar presented TR42-2013-06-087.

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

Mike Kinard presented TR42-2013-05-088.

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

There was no report for TR-42.13. The Subcommittee will not meet this week.

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

Mark Harger presented TR42-2013-06-089.

### **3.2 Output documents to be reviewed at the closing plenary**

This topic was deferred to the closing plenary.

### **3.3 Other**

#### **3.3.1 Network Security Task Group**

Masood Shariff presented TR42-2013-06-091.

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

A one-hour meeting for TR-42.2 and a four-hour meeting for TR-42.13 should be scheduled for October.

The Network Security Task Group report should be removed from future agendas.

In October, the subcommittee reports will be scheduled before the liaison reports.

## **4 Next meeting and interim meetings**

Upcoming meeting dates and locations:

- October 7-11, 2013: Philadelphia, PA
- January 27-31, 2014: Fort Myers, FL
- June 9-13, 2014: San Diego, CA (Gas Lamp District)
- October 6-10, 2014: San Antonio, TX (on the Riverwalk)
- February 2-6, 2015: Tucson, AZ
- June 8-12, 2015: Quebec City, Canada
- October 5-9, 2015: Denver, CO (downtown)

## **5 Adjournment**

The meeting was adjourned at 11:38 AM.

The meeting was conducted in accordance with the TIA Legal Guide and TIA Engineering Manual.

### **AVAILABILITY OF MEETING DOCUMENTS:**

All meeting attendees are instructed to download contributions and other meeting documents from the TIA TR42MAIN 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 TR42.3 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 meeting report should be submitted in writing to:**

|                                    |                             |                |
|------------------------------------|-----------------------------|----------------|
| Bob Jensen, Chair, TR-42           | bjensen@youraustinhouse.com | (512) 845-6684 |
| Valerie Maguire, Vice Chair, TR-42 | valerie_maguire@siemon.com  | (602) 228-7943 |
| Ray Emplit, Secretary & EDC, TR-42 | ray@obous.com               | (610) 273-2648 |