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## Approved by General Counsel

TR-42 Meeting Report

Date: 2/7/11

Location: San Diego, CA

Approved: 02/24/11

## MEETING REPORT – OPENING PLENARY

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

**Chair:** Bob Jensen – Fluke Networks, (512) 514-7760

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

**Date:** Monday, February 7, 2011

**Location:** Hilton San Diego Mission Valley  
901 Camino del Rio South  
San Diego, CA 92108

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### IMPORTANT NOTICE OF PARTICIPATION

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### 1 Administration

#### 1.1 Call to order

Chair Bob Jensen called the meeting to order at 9:03 AM.

#### 1.2 Attendance (introductions, roster)

The attendees introduced themselves and registered attendance using the on-line system. Quorum was not called for this meeting. Attendees:

Name	Company
Henry Franc	Belden Networks Division
Paul Kish	Belden Networks Division
Jeff Silveira	BICSI
Paul Kolesar	CommScope Network Solutions
Masood Shariff	CommScope Network Solutions
Chad Alley	Corning Incorporated
Jamie Silva	Corning Incorporated
Steven Swanson	Corning Incorporated
Ray Keden	ERICO Inc
Theodore Brillhart	Fluke Networks
Robert Jensen	Fluke Networks
Cristina Kuniyoshi	Furukawa Industrial S.A.

Mark Harger	Harger, Inc
John Kwong	HellermanTyton
Dan Payerle	Ideal Industries
Ed Pivonka	Ideal industries
Antoine Pelletier	Intertek Testing Services
Vicki Stafford	Intertek Testing Services
Jonathan Jew	J&M Consultants, Inc
Stephen Huffaker	JPMorgan Chase & Co
Dan Morris	KITCO Fiber Optics
Brad Woodman	Molex Inc
Dave Hess	Nexans
James Withey	Nexans
Glenn Sexton	Northwest Information Services
Ray Emplit	OBO Bettermann
Derrick Strikeleather	OCC Fiber
Michael Kinard	OFS
Sterling Vaden	Optical Cable Corporation
Cindy Monstream	Ortronics, Inc
Jay Whitaker	Panduit Corporation
Richard Jones	Richard Jones Consulting
Tzion Priav	RIT Technology
Jerry Pavlicek	Superior Essex
Helmut Knehr	Telcordia Technologies
Val Maguire	The Siemon Company
Teesha Jenkins	TIA
Herb Congdon	Tyco Electronics
David Fisher	Tyco Electronics
Anthony Tassone	Underwriters Laboratories

### 1.3 Agenda review and approval

The meeting agenda (TR42-2011-02-016a) was approved without objection.

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

The 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
TR42-2010-09-098	TR-42 Editor's Guide Edition 1A	TR-42	Roy
TR42-2011-02-003	TR-42.3 Opening Plenary Preview	TR-42.3	Emplit
TR42-2011-02-005	TR-42.4 Opening Plenary Preview	TR-42.4	Roy
TR42-2011-02-007	Collaborative Tools	TR-50.1	Nurse
TR42-2011-02-008	TR-42.16 Opening Plenary Preview	TR-42.16	Harger
TR42-2011-02-009	TR-42.2 Opening Plenary Preview	TR-42.2	Emplit
TR42-2011-02-010	IEC SC86B Liaison Report	Corning	Swanson
TR42-2011-02-011	TR-42.6 Opening Plenary Preview	TR-42.6	Huffaker
TR42-2011-02-012	Proposed Quorum Maintenance Revisions to TR-42 Operational Guide	OBO Bettermann	Emplit
TR42-2011-02-013	TR-42.7 Opening Plenary Preview	TR-42.7	Vaden
TR42-2011-02-014	TR-42.9 Opening Plenary Preview	TR-42.9	Woodman
TR42-2011-02-015	Proposed Document Balloting Revisions to TR-42 Operational Guide	Siemon	Maguire
TR42-2011-02-016a	TR-42 Opening Plenary Agenda San Diego February 7 2011	TR-42	Jensen
TR42-2011-02-018	BICSI Liaison Report	BICSI	Silveira
TR42-2011-02-019	TR-42.13 Opening Plenary Preview	TR-42.13	Fisher
TR42-2011-02-020	TR-42.1 Opening Plenary Preview	TR-42.1	Franc
TR42-2011-02-022	TR-42.12 Opening Plenary Preview	TR-42.12	Kinard
TR42-2011-02-023a	TR-42 Opening Plenary Report	TR-42	Jensen
TR42-2011-02-025	IEC SC86C Liaison Report	Corning	Pondillo
TR42-2011-02-026	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
TR42-2011-02-027	IEEE Liaison Report	MC Communications	DiMinico
TR42-2011-02-028	IEC SC86A Liaison Report	OFS FITEL	Kinard
TR42-2011-02-029	Industrial Standards Report	ODVA	Lounsbury
TR42-2011-02-030	US TAG Report	US TAG	Hess

## 1.6 Chair's report and general items

Chair Bob Jensen presented the Chair's Report (TR42-2011-02-023a). This report included a tribute to Herb Congdon and Julie Roy as recipients of the BICSI Harry J. Pfister Award which was followed by a round of applause.

## **2 Old business**

### **2.1 Liaison letters received**

No liaison letters have been received.

### **2.2 Liaison reports**

#### **2.2.1 IEEE**

Paul Kish presented TR42-2011-02-027.

#### **2.2.2 ISO/IEC JTC1 SC25/WG3 (US TAG)**

Dave Hess presented TR42-2011-02-030. Hess highlighted the following issues:

- A CENELEC proposal to reduce the EFT/B parameter for E<sub>2</sub> environments to 500 V.
- An amendment to ISO/IEC 15018 to bring MDU fiber into the home.
- A discussion/poll to determine whether the next revision of ISO/IEC 15018 should continue to include broadband coaxial cable as an approved medium.

#### **2.2.3 CENELEC**

There was no CENELEC liaison report.

#### **2.2.4 ODVA/SC65C JWG 10**

Bob Lounsbury presented TR42-2011-02-029. In response to a question from the floor concerning interoperability of different field buses, Lounsbury stated that all would run on structured cabling but that some of the field buses allow different connectors or longer channel lengths.

#### **2.2.5 IEC SC86A**

Mike Kinard presented TR42-2011-02-028. In response to questions from the floor, Kinard clarified the 200 μm fiber indicates the overall diameter with the glass having a diameter of 125 μm and that FTTX and MDU were variations of “fiber into the home.”

#### **2.2.6 IEC SC86B**

Steve Swanson presented TR42-2011-02-010.

#### **2.2.7 IEC SC86C**

Steve Swanson presented TR42-2011-02-025.

#### **2.2.8 BICSI**

Jeff Silveira presented TR42-2011-02-018. In response to questions from the floor, Silveira stated that BICSI 002 should be published in March, 2011, and that NECA/BICSI 607 should be available in February, 2011.

#### **2.2.9 NFPA**

Bob Jensen reported that proposals for the 2014 edition of the *National Electrical Code*® are due in October, 2011.

### **2.2.10 SCTE**

There was no SCTE report. Roger Matthews will present this report starting with the June meeting.

### **2.2.11 TIA**

There was no TIA report but Teesha Jenkins apologized for the continuing problems with the TIA balloting system.

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

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

#### **3.1.1 TR-42.1 – Commercial Building Cabling**

Henry Franc presented TR42-2011-02-020.

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

Ray Emplit presented TR42-2011-02-009.

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

Ray Emplit presented TR42-2011-02-003.

#### **3.1.4 TR-42.4 – Outside Plant Cabling**

Jamie Silva presented TR42-2011-02-005.

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

Paul Kish reported that the Subcommittee would review proposed changes to the working dictionary and that a new document, a consolidated listing of documents referenced by TR-42 standards, would be reviewed.

#### **3.1.6 TR-42.6 – Telecommunications Infrastructure Administration**

Steve Huffaker presented TR42-2011-02-011.

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

Sterling Vaden presented TR42-2011-02-013.

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

Brad Woodman presented TR42-2011-02-014.

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

Paul Kolesar presented TR42-2011-02-026.

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

Mike Kinard presented TR42-2011-02-022.

### **3.1.11 TR-42.13 – Interconnecting Devices and Passive Components**

Dave Fisher presented TR42-2011-02-019.

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

Mark Harger presented TR42-2011-02-008.

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

There were no output documents.

## **3.3 Proposed changes to TR-42 operational guidelines**

### **3.3.1 Proposal for Editor Guidelines Manual**

The Chair stated that the proposed Editor Guidelines Manual (TR42-2010-09-098) has been posted for review for several meeting cycles on the TR-42 FTP site.

### **3.3.2 Proposal for ballot documents and ballot resolution documentation**

The Chair called to the attention of the Committee TR42-2011-02-015 and requested that Committee members review the document for action at the June meeting.

### **3.3.3 Proposal for quorum maintenance**

The Chair called to the attention of the Committee TR42-2011-02-012 and requested that Committee members review the document for action at the June meeting.

## **3.4 Other**

### **3.4.1 Collaborative tools**

The Chair called to the attention of the Committee TR42-2011-02-007 and requested that the Subcommittees provide comments at the closing plenary.

### **3.4.2 TIA request on ITU-T data center (efficiency)**

The Chair reported that this request had been forwarded to TR-42.7 for review.

### **3.4.3 Submission of contributions**

In response to a question from the floor, the Chair reviewed the standard text concerning contributions included in TR-42 agendas and meeting reports.

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

There were no new action items.

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

### **4.1 Next meetings**

Preliminary meeting dates and locations:

- June 6 – 10, 2011, in Quebec City, with Ottawa as a backup location.
- October 3 – 7, 2011, in San Antonio.

## 5 Adjournment

The meeting was adjourned at 11.45 AM.

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

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### 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:**

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