



**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

HEADQUARTERS

2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
+1.703.907.7700

D.C. OFFICE

10 G Street, N.E., Suite
550 Washington, DC 20002
+1.202.346.3240 MAIN
+1.202.346.3241 FAX

tiaonline.org

Approved by General Counsel

TR-42 Meeting Report

Date: 10/03/11

Location: San Antonio, TX

Approved: 10/25/11

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, October 3, 2011

Location: Hyatt Regency San Antonio
123 Losoya Street
San Antonio, TX 78205

IMPORTANT NOTICE OF PARTICIPATION

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual 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 TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

1 Administration

1.1 Call to order

Chair Bob Jensen 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. 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
Joseph Cody	Corning Incorporated
Richard Jones	Datacom Standards
Ray Keden	ERICO Inc
Robert Jensen	Fluke Networks
Cristina Kuniyoshi	Furukawa Industrial S.A.
Mark Harger	Harger, Inc

Ed Pivonka	Ideal industries
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
Bob Lounsbury	ODVA
Michael Kinard	OFS
Sterling Vaden	Optical Cable Corporation
Val Maguire	The Siemon Company
Herb Congdon	TIA
Teesha Jenkins	TIA
Roger Franz	Underwriters Laboratories
Anthony Tassone	Underwriters Laboratories

1.3 Agenda review and approval

The meeting agenda (TR42-2011-10-114a) 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
TR42-2011-10-110	TR-42.16 Opening Plenary Preview	TR-42.16	Harger
TR42-2011-10-111a	TR-42 Opening Plenary Agenda San Antonio October 3 2011	TR-42	Jensen
TR42-2011-10-113	TR-42.12 Opening Plenary Preview	TR-42-12	Kinard
TR42-2011-10-114a	TR-42.1 Opening Plenary Preview	TR-42.1	Franc
TR42-2011-10-117	TR-42.2 Opening Plenary Preview	TR-42.2	Emplit
TR42-2011-10-118	TR-42.3 Opening Plenary Preview	TR-42.3	Emplit
TR42-2011-10-121	ASHRAE 2011 Thermal Guidelines	ASHRAE TC9.9	Johnson
TR42-2011-10-122	ASHRAE 2011 Thermal Guidelines – Impact on Standards in Development	TR-42.3	Emplit
TR42-2011-10-123a	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
TR42-2011-10-124	TR-42.6 Opening Plenary Preview	TR-42.6	Huffaker
TR42-2011-10-125	TR-42.9 Opening Plenary Preview	TR-42.9	Woodman
TR42-2011-10-126a	TIA Report	TIA	Congdon/ Jenkins
TR42-2011-10-127	TIA Cloud Computing White Paper	TIA	Congdon
TR42-2011-10-128	ISO IEC JTC1 SC25 WG3 Liaison Report	US TAG	Hess
TR42-2011-10-129	TR-42.13 Opening Plenary Preview	TR-42.13	Fisher
TR42-2011-10-131	IEC SC86A Liaison Report	US TAG	Kineard
TR42-2011-10-132	TR-42.5 Opening Plenary Preview	TR-42.5	Kish
TR42-2011-10-133	TR-42.7 Opening Plenary Preview	TR-42.7	Vaden
TR42-2011-10-134	IEEE Liaison Report	IEEE 802.3	DiMinico
TR42-2011-10-135	TR-42 Opening Plenary Report	TR-42	Jensen
TR42-2011-10-136	IEC SC65C JWG10 Liaison Report	IEC SC65C JWG10	Lounsbury
TR42-2011-10-137	ODVA Standards Report	ODVA	Lounsbury

1.6 Chair's report and general items

Chair Bob Jensen presented the Chair's Report (TR42-2011-10-135).

As noted in the report two TR-42 members have been selected to receive the IEC 1906 Award, Dave Hess for work on channel modeling for TC46B and Paul Kolesar for contributions on OM3 and OM4 optical fiber cables. Both expressed thanks to TR-42 members for contributing to their efforts. The Committee responded with a round of applause.

The following corrections were made to dates and location of upcoming meetings:

- The next meeting is scheduled for February 6 – 10, 2012, in West Palm Beach,
- The June meeting is scheduled for June 4 – 8, 2012, in Dallas,

Mr Jensen reminded Committee members that elections for TR-42 chair and vice chair would take place at the opening plenary meeting in February. Elections for chair and vice chair of even-numbered subcommittees will also take place at the February meeting.

2 Old business

2.1 Liaison letters received

2.1.1 ASHRAE

Ray Emplit reported that a letter had been received by TR-42.1 and TR-42.3 from an ASHRAE member concerning changes to the ASHRAE Thermal Guidelines. Mr Emplit reviewed the letter (TR42-2011-10-121) and his contribution concerning possible effects on current draft standards (TR42-2011-10-122).

The chair requested that Mr Emplit and TR-42.1 chair Henry Franc draft an informal response following disposition of the matter at this week's meetings.

2.1.2 Other liaison letters received

No liaison letters have been received.

2.2 Liaison reports

2.2.1 IEEE

Paul Kish presented TR42-2011-10-134.

Paul Kolesar reported from the floor that as part of the ballot process for the reorganization of IEEE 802.3 OM3 and OM4 optical fiber cables were added to the list of supported media.

Following the meeting an updated report (TR42-2011-10-134a) was received and posted to the FTP site.

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

Dave Hess presented TR42-2011-10-128..

2.2.3 ODVA/SC65C JWG 10

Bob Lounsbury presented TR42-2011-10-136 and TR42-2011-10-137.

2.2.4 IEC SC86A

Mike Kinard presented TR42-2011-10-131. Mr Kinard corrected the meeting dates for the next meeting to October 22 – 26, 2011. He clarified that the 200 micron dimension for the emerging fiber type refers to the cladding diameter and that the new fiber type is currently available only as single-mode fiber.

2.2.5 IEC SC86B

There was no IEC SC86B liaison report.

2.2.6 IEC SC86C

There was no IEC SC86C liaison report.

2.2.7 SCTE

There was no SCTE liaison report.

2.2.8 BICSI

Jeff Silveira reported that the BICSI Standards Committee (BSC) and its subcommittees met in September. Mr Silveira highlighted the following activities:

- ANSI/NECA/BICSI 607 for bonding and grounding has been published.
- The following standards are in development:
 - ESS – committee ballot expected before February BSC meeting.
 - Health care – committee ballot expected before February BSC meeting.
 - BIM – committee ballot expected before February BSC meeting.
- The Data Center Subcommittee has resolved to update the BICSI data center standard on a 3-year cycle. A free amendment to the current standard covering revisions to the data center classes is in development.
- The European Standards Committee will hold its first meeting December 8, 2011, in the United Kingdom.
- A study group has been formed to consider possible development of a new standard covering RFI and EMI.

2.2.9 NFPA

Bob Jensen reported that proposals for the 2014 edition of the *National Electrical Code*® are due November 6, 2011. Mr Jensen reported that BICSI is working on proposals in four areas:

- Bonding and grounding of cable tray.
- Application and installation for cable routing assemblies.
- Substitution of communications raceways for signaling raceways (primarily for fire alarm cable).
- Prohibition or limitation of use of CL2, CL3 and FPL cables in risers.

2.2.10 TIA

Herb Congdon and Teesha Jenkins presented TR42-2011-10-126a.

Mr Congdon was recently appointed as TIA's Associate Vice President for Technology and Standards. The Committee congratulated him with a round of applause.

The TIA report contained a request for TR-42 to consider undertaking a number of new projects. The chair requested that subcommittee chairs add this to their agendas and that the topic would be discussed further at the closing plenary meeting.

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 TR42-2011-10-114a.

3.1.2 TR-42.2 – Residential Telecommunications Infrastructure

Ray Emplit presented TR42-2011-10-117.

3.1.3 TR-42.3 – Commercial Building Telecommunication Pathways and Spaces

Ray Emplit presented TR42-2011-10-118.

3.1.4 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Paul Kish presented TR42-2011-10-132.

3.1.5 TR-42.6 – Telecommunications Infrastructure Administration

Steve Huffaker presented TR42-2011-10-124.

3.1.6 TR-42.7 – Telecommunications Copper Cabling Systems

Sterling Vaden presented TR42-2011-10-133.

3.1.7 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2011-10-125.

3.1.8 TR-42.11 – Optical Fiber Systems

Paul Kolesar presented TR42-2011-10-123a.

3.1.9 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2011-10-113.

3.1.10 TR-42.13 – Interconnecting Devices and Passive Components

TR42-2011-10-129 was presented without oral commentary.

3.1.11 TR-42.16 – Bonding and Grounding

Mark Harger presented TR42-2011-10-110.

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

The chair reported that this topic will be covered at the closing plenary meeting.

3.4 Other

The chair reported that a planning meeting for the TIA-568-D series of documents would be held Monday afternoon.

3.5 Action items derived from this meeting

Subcommittee chairs are to add a discussion of possible new projects proposed by TIA (see 2.2.10). A task group will be formed to study the issue at the closing plenary meeting.

4 Next meeting (and interim meetings)

Upcoming meeting dates and locations:

- February 3 – 7, 2012, in West Palm Beach, Florida.
- June 4 – 8, 2012, in Dallas, TX.
- October 1 – 5, 2012, in Philadelphia, PA, or Savannah, GA (tentative).
- February 4 – 8, 2013, in Palm Springs, CA, or Scottsdale, AZ (tentative).

5 Adjournment

The meeting was adjourned at 11:55 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).

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	robert.jensen@flukenetworks.com	(512) 514-7760
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