

Approved by General Counsel

TR-42 Meeting Report

Date(s): 02/02/2015 - 02/02/2015

Location: Tucson, AZ

Approved: 03/20/2015

MEETING REPORT – OPENING 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: Monday, February 2, 2015, 9:00 – 11:45 AM

Location: Sheraton Tucson Hotel & Suites
5151 East Grant Road
Tucson, AZ 85712

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1 Administration

1.1 Call to order

The chair, Ray Emplit, called the meeting to order at 9:00 AM

1.2 Attendance (introductions, electronic roster)

The attendees introduced themselves and registered attendance using the on-line system. This is an informational meeting and quorum is not taken. Attendees:

Attendee	Company	Attendee	Company
Alley, Chad	Corning	Mitcheltree, Tom	US Conec
Amezcuca, Adrian	Prysmian Group	Montstream, Cindy	Legrand
Born, Steve	Superior Essex	Pivonka, Ed	Ideal Industries
Ehredt, Allen	Telegartner	Polland, Joe	TE Connectivity
Emplit, Ray	Harger, Inc.	Punch, Andy	Berk-Tek
Farfan, Nelson	The Siemon Co	Sandels, Greg	OFS
Forbes, Diane	NW Info Services	Schmalzigaug, Thomas	Huber+Suhner
Franc, Henry	Belden	Sexton, Glenn	NW Info Services
Harger, Mark	Harger, Inc.	Shariff, Masood	CommScope
Hess, Dave	Cord Data	Stikeleather, Derrick	OCC Fiber
Jahini, Hamid	JGR Optics	Swanson, Steven	Corning
Jew, Jonathan	J&M Consultants	Tassone, Anthony	UL

Judson, Ward	ERICO	Vaden, Sterling	Vaden Enterprises
Kikendall, Morgan	TE Connectivity	West, Tim	Superior Essex
Kinard, Michael	OFS	Withey, James	Fluke Networks
Kish, Paul	Belden	Woodman, Brad	Molex Inc.
Kountz, Dennis	DuPont	Xu, Qing	Belden Inc.
Kuniyoshi, Cristina	Furukawa	Zimmerman, George	CME Consulting
Maguire, Val	The Siemon Co		

1.3 Approval of agenda

The meeting agenda (TR42-2015-02-011) 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
2015-02-009	TIA Report	TIA	Palangdao
2015-02-011	TR-42 Opening Plenary Agenda Tucson Feb 2015	TR-42	Emplit
2015-02-013	TR-42 Opening Plenary Report	TR-42	Emplit
2015-02-014	TR-42.1 Opening Plenary Preview	TR-42.1	Emplit
2015-02-015	TR-42.3 Opening Plenary Preview	TR-42.3	Franc
2015-02-016a	TR-42.5 Opening Plenary Preview	TR-42.5	Kish
2015-02-017	TR-42.6 Opening Plenary Preview	TR-42.6	Jew
2015-02-018	TR-42.7 Opening Plenary Preview	TR-42.7	Larsen
2015-02-019	TR-42.9 Opening Plenary Preview	TR-42.9	Woodman
2015-02-020	TR-42.10 Opening Plenary Preview	TR-42.10	Sexton
2015-02-021	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
2015-02-022	TR-42.12 Opening Plenary Preview	TR-42.12	Kinard
2015-02-023	TR-42.13 Opening Plenary Preview	TR-42.13	Sandels
2015-02-024	TR-42.16 Opening Plenary Preview	TR-42.16	Harger
2015-02-025	IEC SC86A Liaison Report	US TAG	Kinard

2015-02-010a	IEC SC86B Liaison Report	US TAG	Swanson
2015-02-026	IEC SC86C Liaison Report	US TAG	Pondillo
2015-02-027	IEEE 802.3 Liaison Report	IEEE 802.3	DiMinico
2015-02-028	ISO IEC JTC1 SC25 WG3 Liaison Report	US TAG	Hess
2015-02-029	BICSI Liaison Report	BICSI	Silveira

1.6 Chair's report and general items

The Chair presented the Opening Plenary Report (TR42-2015-02-013).

1.7 TR-42 Operational Guide Task Group

Greg Sandels provided a report on the TR-42 Operational Guide – additional information will be provided during the closing plenary. The goal is to complete the work of this task group in June 2015.

2 Subcommittee work items this week

2.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Ray Emplit presented TR42-2015-02-014.

2.2 TR-42.3 – Telecommunications Pathways and Spaces

Henry Franc presented TR42-2015-02-015.

2.3 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Paul Kish presented TR42-2015-02-016.

2.4 TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Jonathan Jew presented TR42-2015-02-017.

2.5 TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented TR42-2015-02-018. There was a discussion regarding responsibilities for development of cabling for single twisted pair cabling to be used for automobile and industrial Ethernet standards being developed by IEEE. The TR-42.7 and TR-42.9 chairs will meet with Germaine Palangdao regarding this issue and develop a recommendation.

2.6 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2015-02-019.

2.7 TR-42.10 - Sustainable Information Communications Technology

Glenn Sexton presented TR42-2015-02-020.

2.8 TR-42.11 – Optical Fiber Systems

Steve Swanson presented TR42-2015-02-021 provided by Paul Kolesar.

2.9 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2015-02-022.

2.10 TR-42.13 – Passive Optical Devices and Fiber Optic Metrology

Greg Sandels presented TR42-2015-02-023.

2.11 TR-42.16 – Premises Bonding and Grounding

Mark Harger presented TR42-2015-02-024.

3 Liaison letters and reports

3.1 Incoming liaison letters

3.2 Liaison reports

3.2.1 IEEE 802.3

Paul Kish presented TR42-2015-02-027 provided by Chris DiMinico. TR-42.7 will draft a liaison regarding pair-to-pair resistance imbalance for IEEE P802.3bu Power over Data Lines TF. TR-42.7 will provide input to IEEE 802.3 regarding use cases and deployment configurations for supporting 2.5GBase-T and 5GBase-T over Category 5e and 6.

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

Dave Hess presented TR42-2015-02-028. TR-42.9 will continue to monitor progress of ISO/IEC 11801-9902 End-to-End Link, but no TR-42 subcommittee will undertake a parallel project at this time. No action is required.

3.2.3 ODVA/SC65C JWG 10

There was no ODVA report.

3.2.4 IEC SC86A

Mike Kinard presented TR42-2015-02-025. No action is required.

3.2.5 IEC SC86B

Steve Swanson presented TR-42-2015-02-010a. No action is required.

3.2.6 IEC SC86C

Steve Swanson presented TR42-2015-02-026 provided by Peter Pondillo. No action is required.

3.2.7 BICSI

Ray Emplit presented TR42-2015-02-029 provided by Jeff Silveira of BICSI. No action is required.

3.2.8 TIA

Germaine Palangdao presented 2015-02-009.

4 New business and output documents

4.1 Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

4.2 Other

There was no other new business.

4.3 Action items derived from this meeting

- 4.3.1** The TR-42.7 and TR-42.9 chairs will meet with Germaine Palangdao regarding cabling for automotive and industrial Ethernet and develop a recommendation
- 4.3.2** TR-42.7 to draft liaison to IEEE regarding pair-to-pair resistance imbalance for IEEE P802.3bu Power over Data Lines.
- 4.3.3** TR-42.7 to draft liaison to IEEE 802.3 that to inform that TIA TR-42 will be developing use cases and deployment configurations for supporting 2.5GBase-T and 5GBase-T over Category 5e and 6.

5 Upcoming meetings

5.1 June 8 – 12, 2015: Quebec, Canada

5.2 Subsequent meetings

- October 12 – 16, 2015: Denver, CO
- January 25 – 29, 2016, Jacksonville, FL, or New Orleans, LA (tentative)
- June 13 – 17, 2016: Portland, OR (tentative)
- October 3 – 7, 2016: Philadelphia, PA (tentative)

6 Adjournment

The meeting was adjourned at 11:56 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).

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