

Approved by General Counsel

TR-42 Meeting Report

Date(s): 01/27/2014 - 01/27/2014

Location: Fort Myers, FL

Approved: 02/11/2014

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, January 27, 2014

Location: Crowne Plaza Fort Myers at Bell Tower Shops
13051 Bell Tower Dr
Fort Myers, FL 33907

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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. This is an informational meeting and quorum is not taken. Attendees:

| Name | Company |
|----------------|------------------------------|
| Henry Franc | Belden |
| Paul Kish | Belden |
| Jeff Silveira | BICSI |
| Paul Kolesar | CommScope Network Solutions |
| Wayne Larson | CommScope Network Solutions |
| Masood Shariff | CommScope Network Solutions |
| Dave Hess | Cord Data |
| Chad Alley | Corning Incorporated |
| Rich Jones | Datacom Standards Consulting |
| Larry Farmer | Diamond Technology Services |
| Fred Dawson | Dupont |

| | |
|---------------------|--------------------------------|
| Ward Judson | ERICO Inc |
| James Withey | Fluke Networks |
| Cristina Kuniyoshi | Furukawa Industrial S.A. |
| Ray Emplit | Harger, Inc |
| Mark Harger | Harger, Inc |
| Aleksandar Opacic | Huber+Suhner |
| Thomas Schmalzigaug | Huber+Suhner |
| Ed Pivonka | Ideal Industries |
| Jonathan Jew | J&M Consultants, Inc |
| Stephen Huffaker | JP Morgan Chase & Co |
| Brad Woodman | Molex Inc |
| Glenn Sexton | Northwest Information Services |
| Michael Kinard | OFS |
| Greg Sandels | OFS |
| Cindy Montstream | Ortronics |
| Arvind Patel | Psiber Data Systems Pte Ltds |
| Kobi Haggay | RiT Technologies |
| Tim West | Superior Essex |
| Joe Pollard | TE Connectivity |
| Val Maguire | The Siemon Company |
| Germaine Palangdao | TIA |
| Anthony Tassone | UL |
| Tom Mitcheltree | US Conec |
| Sterling Vaden | Vaden Enterprises |

1.3 Agenda review and approval

The meeting agenda (TR42-2014-01-003a) was modified to change item 4.2 to “Adopting IEC standards” and to delete item 4.3. The revised agenda was approved without objection and posted after the meeting to the TR-42 FTP site as document TR42-2014-01-003b.

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 |
|-------------------|---|------------|-------------|
| TR42-2014-01-003a | TR-42 Opening Plenary Agenda Fort Myers Jan 27 2014 | TR-42 | Maguire |
| TR42-2014-01-005 | Incoming Liaison Letter from IEEE 802.3 re RPTGE | IEEE 802.3 | Law |
| TR42-2014-01-006 | Proposed Reorganization of TR-42 Generic and Premises Subcommittees | Harger | Emplit |
| TR42-2014-01-007 | TR-42.1 Opening Plenary Preview | TR-42.1 | Emplit |
| TR42-2014-01-008 | TR-42.2 Opening Plenary Preview | TR-42.2 | Emplit |
| TR42-2014-01-009 | TR-42.3 Opening Plenary Preview | TR-42.3 | Franc |
| TR42-2014-01-010 | TR-42.5 Opening Plenary Preview | TR-42.5 | Kish |
| TR42-2014-01-011 | TR-42.6 Opening Plenary Preview | TR-42.6 | Huffaker |
| TR42-2014-01-012 | TR-42.7 Opening Plenary Preview | TR-42.7 | Larson |
| TR42-2014-01-013 | TR-42.9 Opening Plenary Preview | TR-42.9 | Woodman |
| TR42-2014-01-014 | TR-42.10 Opening Plenary Preview | TR-42.10 | Roy |
| TR42-2014-01-015 | TR-42.11 Opening Plenary Preview | TR-42.11 | Kolesar |
| TR42-2014-01-016 | TR-42.12 Opening Plenary Preview | TR-42.12 | Kinard |
| TR42-2014-01-017a | TR-42.13 Opening Plenary Preview | TR-42.13 | Sandels |
| TR42-2014-01-018 | TR-42.16 Opening Plenary Preview | TR-42.16 | Emplit |
| TR42-2014-01-019 | TR-42 Opening Plenary Report | TR-42 | Maguire |
| TR42-2014-01-020 | IEC SC86A Liaison Report | US TAG | Kinard |
| TR42-2014-01-021 | IEEE 802.3 Liaison Report | IEEE 802.3 | DiMinico |
| TR42-2014-01-022 | ISO IEC JTC1 SC25 WG3 Liaison Report | US TAG | Hess |
| TR42-2014-01-023 | Project Request Form | TIA | Palangdao |

1.6 Chair's report and general items

Vice Chair Val Maguire presented the Opening Plenary Report (TR42-2014-01-019). There were two changes and one potential change to the upcoming meeting schedule:

- The June 9 – 13, 2014, meeting in San Diego will not be in the Gas Lamp District. Instead it will be held on Coronado Island.
- The October 6 – 10, 2014, meeting will be in Austin, TX, instead of in San Antonio.
- The October 5 – 9, 2015, meeting conflicts with an IEC TC86 meeting.

A “straw poll” of attendees indicated support for rescheduling the October 5 – 9, 2015, to the following week, October 12 – 16.

Ms Maguire requested that subcommittee chairs provide feedback at the closing plenary on whether there is objection to the proposed schedule change for October, 2015, and on proposed meeting locations for 2016.

2 Subcommittee work items this week

2.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Ray Emplit presented TR42-2014.01-007.

2.2 TR-42.2 – Residential Telecommunications Infrastructure

Ray Emplit presented TR42-2014.01-008.

2.3 TR-42.3 – Telecommunication Pathways and Spaces

Henry Franc presented TR42-2014-01-009.

Mr Franc added that the subcommittee would be reviewing a draft of TIA-569-D.

2.4 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Paul Kish presented TR42-2014-01-010.

2.5 TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Steve Huffaker presented TR42-2014-01-011.

2.6 TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larson presented TR42-2014-01-012.

2.7 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2014-01-013.

In response to a question from the floor, Mr Woodman clarified that the M12-8 connector would be specified to meet category 6A requirements.

2.8 TR-42.10 – Sustainable Information Communications Technology

Glenn Sexton presented TR42-2014-01-014.

2.9 TR-42.11 – Optical Fiber Systems

Paul Kolesar presented TR42-2014-01-015.

In response to a question from the floor, Mr Kolesar reported that the final status of the draft TSB on connection loss budget (i.e., TSB, standard, addendum) would parallel the status of the IEC document it adopts. At this time it is assumed it will be a TSB.

2.10 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2014-01-016

Mr Kinard added that the Subcommittee would discuss fiber reliability and cable strain. In addition, if it is decided that the Subcommittee needs to provide input to ITU documents a teleconference would be scheduled in February.

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

Greg Sandels presented TR42-2014-01-017a.

2.12 TR-42.16 – Premises Bonding and Grounding

Mark Harger presented TR42-2013-01-018.

3 Liaison letters and reports

3.1 Liaison letters received

3.1.1 IEEE 802.3

Document TR42-2014-01-005 was reviewed. No action is required.

3.2 Liaison reports

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

Dave Hess presented TR42-2014-01-022.

In response to a question from the floor, Mr Hess reported that draft ISO/IEC 14763-2 A1 would be normative, not informative as reported.

3.2.2 ODVA/SC65C JWG 10

There were no reports for ODVA or IEC SC65C.

3.2.3 IEC SC86A

Mike Kinard presented TR42-2014-01-020.

Mr Kinard added that optical fibers will be very sensitive to microbend losses at 1650 nm. This will impact installation practices.

3.2.4 IEC SC86B

There was no report on IEC SC86B.

3.2.5 IEC SC86C

There was no report for IEC SC86C.

3.2.6 Fibre Channel

There was no liaison report for Fibre Channel.

3.2.7 SCTE

There was no SCTE liaison report.

3.2.8 BICSI

Jeff Silveira reported that the BICSI BIM standard had been published. The following subcommittees will meet next week in Orlando:

- Data Center
- Educational
- Wireless (DAS)
- Outside Plant

Two new project requests will be considered:

- Intelligent buildings
- Wireless for healthcare facilities

3.2.9 TIA

There was no TIA report.

3.2.10 IEEE 802.3

Paul Kish presented TR42-2014-01-021.

Mr Kish added that the 400 Gb/s Ethernet Study Group would be promoted to a Task Force in March with its first meeting to be held in May.

Mr Kish noted that the 49 W minimum established by the 802.3bt DTE Power via MDI over 4-Pair Task Force was consistent with the 50 W maximum covered in TSB-184. Valerie Maguire reported that an incoming liaison letter was expected requesting TR-42 to study cable performance for two higher power levels, 60 W and 100 W.

4 New business & output documents

4.1 Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

4.2 Adopting IEC standards

Germaine Palangdao reviewed a new project request form (TR42-2014-01-023). This new form contains additional fields used for adopting or adapting IEC standards and for indicating if material from IEC standards is to be used in a proposed TIA standard. While these fields are not currently supported by the project request input form on the TIA web site, Ms Palangdao requested that the new form be used for all new projects.

4.3 Possible reorganization of TR-42 generic and premises subcommittees

Ray Emplit presented TR42-2014-01-006. This topic will be discussed at the closing plenary on Friday.

4.4 Other

There was no other new business.

4.5 Action items derived from this meeting

Subcommittee chairs to provide feedback on whether there is objection to the proposed schedule change for October, 2015, and on proposed meeting locations for 2016.

5 Next meeting and interim meetings

Upcoming meeting dates and locations (tentative):

- June 9-13, 2014: San Diego, CA (Coronado Island)
- October 6-10, 2014: Austin, TX
- February 2-6, 2015: Tucson, AZ

- June 8-12, 2015: Quebec City, Canada
- October 5-9, 2015: Denver, CO (downtown) – but see 1.6

6 Adjournment

The meeting was adjourned at 11:54 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 (Germaine Palangdao; gpalangdao@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 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 | remplit@harger.com | (610) 273-2648 |