<u>Approved by General Counsel</u>

TR-42 Meeting Report

Date(s): 02/10/2012 - 02/10/2012

Location: West Palm Beach

Approved: 03/26/2012

MEETING REPORT – CLOSING 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: **Friday, February 10, 2012**

Location: **West Palm Beach Marriott**
1001 Okeechobee Blvd
West Palm Beach, FL 33401

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1   Administration

1.1   Call to order

Chair Bob Jensen called the meeting to order at 8:01 AM.

1.2   Attendance (introductions, roster)

The attendees introduced themselves and registered attendance using the on-line system. Quorum was verified by roster call. 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 Ind SA
Mark Harger	Harger, Inc

Aleksandar Opacic	Huber+Suhner
Jonathan Jew	J&M Consultants, Inc
Stephen Huffaker	JPMorgan Chase & Co
Bret Taylor	Leviton
Dave Hess	Nexans/Berk-Tek
Glenn Sexton	Northwest Information Services
Ray Emplit	OBO Bettermann
Bob Lounsbury	ODVA
Mike Kinard	OFS
Sterling Vaden	Optical Cable Corporation
Cindy Montstream	Ortronics
Tzion Priav	RIT Technology
Val Maguire	The Siemon Company
Patrick Van Vickle	Sumitomo Electric
Jerry Pavlicek	Superior Essex
David Fisher	TE Connectivity
Herb Congdon	TIA
Marianna Kramarikova	TIA

1.3   Agenda review and approval

The meeting agenda (TR42-2012-02-016a) 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
TR42-2011-10-154	TR-42 Closing Plenary Meeting Report San Antonio October 7 2011	TR-42	Emplit
TR42-2012-02-016a	TR-42 Closing Plenary Agenda West Palm Beach February 10 2012	TR-42	Jensen
TR42-2012-02-019a	TIA-942-A-1 Project Request and Authorization	TR-42.1	Jew

TR42-2012-02-041	TR-42.6 Closing Plenary Review	TR-42.6	Huffaker
TR42-2012-02-042	External Grounding Design and Testing ANSI PINS	TR-42.16	Jensen
TR42-2012-02-043	External Grounding Design and Testing Project Request TIA	TR-42.16	Jensen
TR42-2012-02-044	TR-42.2 Closing Plenary Review	TR-42.2	Emplit
TR42-2012-02-045	TIA-569-C-1 Project Request	TR-42.3	Emplit
TR42-2012-02-046	TR-42.16 Closing Plenary Review	TR-42.16	Harger
TR42-2012-02-047	TR-42.9 Closing Plenary Review	TR-42.9	Woodman
TR42-2012-02-048	TR-42.1 Closing Plenary Review	TR-42.1	Emplit
TR42-2012-02-049	TR-42.12 Closing Plenary Review	TR-42.12	Kinard
TR42-2012-02-050	TR-42.3 Closing Plenary Review	TR-42.3	Franc
TR42-2012-02-051	Outgoing Liaison Letter to BICSI Educational Facilities	TR-42	Jensen
TR42-2012-02-052	TR-42.7 Closing Plenary Review	TR-42.7	Vaden
TR42-2012-02-053	TR-42.13 Closing Plenary Review	TR-42.13	Fisher
TR42-2012-02-054	Project Request TSB-143	TR-42.13	Fisher
TR42-2012-02-055	Project Request TIA-455-234	TR-42.13	Fisher
TR42-2012-02-056	TR-42.11 Closing Plenary Review	TR-42.11	Kolesar
TR42-2012-02-057	TR-42.5 Closing Plenary Review	TR-42.5	Kish

1.6   Meeting report review and approval

The meeting report for the October 7, 2011, meeting (TR42-2011-10-154) was approved without objection.

1.7   Chair's report and general items

The Chair congratulated the following for being elected to Committee and subcommittee leadership positions:

- TR-42: Bob Jensen, Chair, and Val Maguire, Vice Chair.
- TR-42.2: Ray Emplit, Chair, and Bob Jensen, Vice Chair.
- TR-42.6: Steve Huffaker, Chair, and Jonathan Jew, Vice Chair.
- TR-42.12: Mike Kinard, Chair, and Brett Lane, Vice Chair.
- TR-42.16: Mark Harger, Chair, and Rich Jones, Vice Chair.

2   Old business

2.1   Liaison letters received since the opening plenary

No liaison letters were received.

2.2   Subcommittee reports and plenary action

2.2.1   TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Ray Emplit presented TR42-2012-02-048.

A motion to publish ANSI/TIA-568-C.0-2 was approved without objection.

A motion to publish ANSI/TIA-942-A provided that no technical or technical no comments to the default ballot are received was approved without objection.

A project request for ANSI/TIA-942-A-1 (TR42-2012-02-019a) was approved without objection.

2.2.2   TR-42.2 – Residential Telecommunications Infrastructure

Ray Emplit presented TR42-2012-02-044.

A motion to publish ANSI/TIA-570-C was approved without objection.

2.2.3   TR-42.3 – Telecommunication Pathways and Spaces

Henry Franc presented TR42-2012-02-050.

A project request for ANSI/TIA-569-C-1 (TR42-2012-02-045) was approved without objection.

Mr Franc requested that the work of the Network Security Task Group remain under TR-42 until the June meeting because of possible interest in and effect on other subcommittees. The Chair agreed. Masood Shariff was appointed as the new Chair of the Task Group.

2.2.4   TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Paul Kish presented TR42-2012-02-057.

2.2.5   TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Steve Huffaker presented TR42-2012-02-041.

A motion to publish ANS/TIA-606-B was approved without objection.

In response to a question from the floor, Mr Huffaker clarified that the mock ballot results for the ISO/IEC Automated Infrastructure Management language would be forwarded to the US TAG.

2.2.6   TR-42.7 – Telecommunications Copper Cabling Systems

Sterling Vaden presented TR42-2012-02-052.

A motion to publish ANSI/TIA-1183 was approved without objection.

In response to questions from the floor Mr Vaden clarified that the motivation for the development of "next generation" cabling was the work within IEEE on 40GBASE-T. The currently proposed name for this new cabling is category 8. Mr Vaden further reported that there was no discussion about adding ISO/IEC 11801 Class F (Category 7) cabling to ANSI/TIA-568-C.2.

2.2.7   TR-42.9 – Industrial Telecommunications Infrastructure

Bob Lounsbury presented TR42-2012-02-047.

2.2.8   TR-42.11 – Optical Fiber Systems

Paul Kolesar presented TR42-2012-02-056.

Mr Kolesar corrected the report by stating that the potential meeting date conflict with BICSI is for the February, 2014, meeting.

Mr Kolesar added that several standards maintained by TR-42.11 reference compilations of contributions which were formally available on FO-4 sites. These documents are now located in the TR-42.11 FTP folder and are password protected. It was agreed that TR-42.11 should move these documents to the public area of the FTP site. Another related issue is that the links in the existing documents are broken. This issue will be handled by advising users to use a web search engine to find the documents on the TR-42 site.

2.2.9   TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2012-02-049.

Mr Kinard corrected the report by stating that the potential meeting date conflict with BICSI is for the February, 2014, meeting.

Mr Kinard requested that the link to view project status on the TIA web site (currently active only for Chairs) allow access by all members. Herb Congdon responded that TIA would consider that request when development of the project status reporting system, currently in beta, was completed.

Mr Kinard renewed his request that the TIA ballot system be modified to allow multiple representatives from a single company to vote. The system would accept only one vote so a later vote would cancel a previous one. Herb Congdon responded that he would conduct a conference call for those interested to explore the issue.

Mr Kinard requested that the raw data from the cabling length survey be released. The Chair denied the request because the data was disjointed and inconclusive, with the standard deviation exceeding the mean values, which could make the results misleading.

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

Dave Fisher presented TR42-2012-02-053.

Mr Fisher requested clarification on the need for plenary approval for new projects to revise TSB-149 and TSB-143. The Chair responded that plenary approval was not required to open a project to revise a current standard.

2.2.11 TR-42.16 – Premises Telecommunications Bonding and Grounding

Mark Harger presented TR42-2012-02-046.

A project request for ANSI/TIA-607-B-1 (TR42-2012-02-042 & TR42-2012-02-043) was approved without objection.

2.3   Proposed changes to TR-42 Operational Guidelines

Chair Bob Jensen reported that the Operational Guidelines had been updated to include the changes from the October meeting. A possible conflict between the Operational Guidelines and the TIA Engineering Manual regarding consensus remains under study.

2.4   Program of work

Bob Jensen reminded the subcommittee Vice Chairs that they were responsible for maintaining their subcommittee's entries.

2.5   Other

2.5.1   Data Center Fabric Task Group

This work was assigned to TR-42.1 and a project request was approved (see 2.2.1 re ANSI/TIA-942-A-1).

2.5.2   Network Security Task Group

This Task Group will remain under TR-42. Masood Shariff was appointed as Chair, replacing Ray Emplit. See 2.2.3.

2.5.3   Cable Length Survey Task Group

The results of the survey were inconclusive. This work was assigned to TR-42.7 for copper cabling only.

3   New business and output documents

3.1   Output documents

3.1.1   US TAG to ISO/IEC JTC 1/SC 25/WG 3

The following documents will be furnished to the US TAG to ISO/IEC JTC 1/SC 25/ WG 3:

- Draft ANSI/TIA-942-A-1.
- Approved ANSI/TIA-570-C.
- Approved ANSI/TIA-606-B
- Approved ANSI/TIA-1005-A

3.1.2   BICSI

An outgoing liaison letter to BICSI concerning cooperation in development of standards for educational facilities (TR42-2012-02-051) was approved.

3.2   Other

3.2.1   M2M Task Group

Ray Emplit was appointed Chair of a new Task Group to study possible implementation of M2M (machine-to-machine) communications in TR-42 standards.

3.2.2   STEP Task Group

Ray Emplit was appointed Chair of a new Task Group to study possible implementation of STEP (Sustainable Technology Environments Program) guidelines in TR-42 standards.

3.2.3   Energy Management System Addendum Task Group

Ray Emplit was appointed Chair of a new Task Group to study possible development of an energy managements system addendum.

3.3 Action items derived from this meeting

The following action items resulted from this meeting:

- Ray Emplit to chair three new task groups (M2M, STEP, Energy Management). Mr Emplit will schedule conference calls in coordination with Herb Congdon to begin work.
- Work of the Network Security Task Group will continue under TR-42 with Masood Shariff as Chair.

4 Next meeting (and interim meetings)

The next three meetings are as follows:

- June 4 – 8, 2012, in Dallas, TX (confirmed)
- October 1 – 5, 2012, in Philadelphia, PA (confirmed).
- February 4 – 8, 2013, in Palm Springs, CA, or Scottsdale, AZ (tentative).

5 TIA closing remarks

Marianna Kramarikova congratulated the newly-elected Chairs and Vice Chairs.

Ms Kramarikova offered to work with any members who were having trouble signing in to meetings using the online system.

Ms Kramarikova reported that issues remain with the TIA web site regarding project initiation, ballot submission, and voting, and added that submitting screen shots and information on browser version when reporting problems would help in achieving resolution.

6 Adjournment

The meeting was adjourned at 10:05 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-42.3 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