



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 10/10/08

Location: Vancouver, BC

Approved: 12/9/08

T# 11186

TR-42 Telecommunications Cabling Systems
Closing Plenary Meeting Report

Organization: Engineering Committee TR-42

Chair: Herb Congdon Tyco Electronics (336)665-6604 **Vice-Chair:** Bob Jensen Fluke Networks (512)514-7760

Date: Friday, October 10, 2008

Time: Convene at 8:00 AM; adjourn approximately 12:00 PM PDT

Location: Renaissance Vancouver Hotel
 1133 West Hastings Street
 Vancouver, BC V6E 3T3 Canada
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1. Administrative

- 1.1** Call to Order: The meeting was called to order at 8:00AM. The Important Meeting of Participation was reviewed with the participants.
- 1.2** Attendance (Introductions; Roster; Quorum Call): The attendees introduced themselves and signed the roster. Quorum was verified by roll call. The following people attended.

Company	Name
Belden	P. Kish Brian Shuman, RCDD
Business Comm. Svcs	M. Michelson
C ² Consulting	Julie Roy, RCDD
Commscope	M. Shariff P. Kolesar
Corning	T. Hanson
dbi (BICSI)	Donna Ballast, RCDD
Fluke Networks	Robert Jensen, RCDD
Furukawa	Lucio Marques, RCDD
Giffels Associates	Peter Sharp, RCDD
Harger Lighting & Grounding	M. Harger
Hubbell	S. AbuGhazaleh
Ideal	Tom Gibbons, RCDD

Company	Name
JPMorganChase	Steve Huffaker, RCDD
NIS	Glenn Sexton, RCDD
ODVA	R. Lounsbury
OFS	G. Sandels M. Kinard
Siemon	V. Maguire
Sumitomo	P. Vanvickle
Superior Essex	Jean Baer, RCDD
Telcordia	H. Knehr
TIA	S. Montgomery T. Jenkins
Tyco Electronics	H. Congdon D. Fisher
Wiremold	R. Emplit

1.3 Agenda Review and Approval: The agenda was reviewed and unanimously approved.

1.4 Intellectual Property Rights Statement (Early Disclosure): The IPR Statement was reviewed with the attendees as follows.

TIA's patent policy can be found in the TIA Engineering Manual (4th 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 and Numbering of Documents: Documents received have been posted to the FTP folders.

1.6 Chair's Report and General Items

1.6.1 Recognition of new Chairs and Vice-chairs: Julie Roy (C² Consulting) and Jamie Silva (Corning Cable Systems) were elected as Chair and Vice-chair, respectively, of TR-42.4. David Fisher (Tyco Electronics) was elected as Chair of TR-42.15, with Lorenz Cartellieri agreeing to serve as the interim Vice-chair. Mark Harger (Harger Lighting and Grounding) and Rich Jones (Chatsworth) were elected Chair and Vice-chair, respectively, of TR-42.16. All elected were congratulated.

1.6.2 CY2009 Meetings: A motion to schedule the 2009 TR-42 plenary meetings February 2-6, August 3-7 and November 2-6 and schedule an interim (no plenary) meeting May 4-8 was seconded and approved by a vote of 11 in favor, 5 opposed and 2 abstains. A motion to schedule three plenary meetings (Feb, Jun, Oct) in 2010 was approved by a vote of 12 in favor, 2 opposed.

2. Old Business

2.1 Liaison letters received since the opening plenary: None

2.2 Subcommittee reports and Plenary action

2.2.1 TR-42.1 – Commercial Building Cabling - The Plenary unanimously agreed to approve a motion to release ANSI/TIA-568C.0 and ANSI/TIA-568C.1 for publication. The Plenary unanimously agreed to approve a motion to approve an existing project request to create a revision to ANSI/TIA-862. TR-42.1 reported that Herb Congdon (Tyco Electronics) has been appointed as Chair of the Health Care Cabling Task Group. An erratum for corrections in Annex G (Tiers) of TIA-942 will be issued. The 2nd Addendum to TIA-942 is going for committee ballot. The MICE tutorial TSB will be issued for its second

- committee ballot.
- 2.2.2** TR-42.2 – Residential Telecommunications Infrastructure: The Plenary unanimously agreed to establish a liaison with the Consumer Electronics Association (CEA), with John Pryma (Genesis Cable) serving in that capacity. The first addendum to TIA-570-B-1 needs some ANSI paperwork to be completed. The subcommittee will look at a TIA-570-B reaffirmation or revision in February 2009. In a joint meeting with TR-42.12 & TR-42.13 to review a MDU/MTU fiber cabling contribution, it was decided that TR-42.2, TR-42.12 & TR-42.13 will evaluate and present a list of impacts on TR-42 standards in a joint meeting in February 2009 (TIA-568-C.0, TIA-568-C.3, TIA-570-B, TIA-758 and maybe others).
- 2.2.3** TR-42.3 – Commercial Building Telecommunications Pathways and Spaces - The Plenary unanimously agreed to approve a revised scope for TR-42.3 as "The TR-42.3 Subcommittee develops and maintains standards for telecommunications pathways and spaces". The subcommittee has started working on a revision to the 569 standard, and will hold a teleconference on November 17th.
- 2.2.4** TR-42.4 - Outside Plant - Julie Roy (C² Consulting) and Jamie Silva (Corning Cable Systems) were elected Chair and Vice-chair, respectively. The Plenary unanimously agreed to approve an existing project request to create a revision to the ANSI/TIA-758 Standard.
- 2.2.5** TR-42.5 – Telecommunications Infrastructure Terms and Symbols - Some new definitions were added to the working dictionary. TIA has expressed a desire to post the terms in place of the glossary on the TIA web site. There was unanimous support in favor of this proposal.
- 2.2.6** TR-42.6 – Telecommunications Infrastructure Administration - The Plenary unanimously agreed to approve a motion to release Addendum 1 to ANSI/TIA-606A for publication. The subcommittee has started working on a revision to the ANSI/TIA-606 Standard.
- 2.2.7** TR-42.7 – Telecommunications Copper Cabling Systems - The Plenary unanimously agreed to approve a motion for a conditional release (industry ballot closes and comments resolved without technical changes at the December interim meeting) of ANSI-TIA-568C.2 for publication. The subcommittee is issuing the field test equipment standard (TIA-1152) for committee ballot, and is sending TSB-184 out for second committee ballot. The Plenary unanimously agreed to issue a liaison letter on "green" projects to IEEE, allowing for final edits.
- 2.2.8** TR-42.8 – Telecommunications Optical Fiber Cabling Systems – The 568-C.3 Standard was published with several format and reference errors. The subcommittee will be issuing an erratum with 20 items. A new version will be issued to replace the current one at IHS. The subcommittee thanked TR-42.12 for their timely response to a request in June on a OM-4 project.
- 2.2.9** TR-42.9 – Industrial Telecommunications Infrastructure – The Plenary unanimously agreed to approve a motion to release ANSI/TIA-1005 for publication. The subcommittee has started looking at a revision of the ANSI/TIA-1005 Standard.
- 2.2.10** TR-42.11 - Optical Fiber Systems - OFSTP-7, Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant, needs to have the ballot
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authorization form resubmitted. OFSTP-10, Measurement of Dispersion Power Penalty in Digital Single-Mode Systems, and OFSTP-11, Measurement of Single-reflection Power Penalty for Fiber Optic Terminal Equipment, were both reaffirmed. OFSTP-14A, Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant, will be revised with the intent to adopt IEC 61280-4-1 ed.2 when at FDIS, expected Spring 2009. TIA-626, Multimode Fiber-Optic Link Transmission Design, has been withdrawn. The plenary unanimously agreed to publish TIA 455-203A (FOTP-203A), Light Source Encircled Flux Method. The subcommittee will drive an experiment to gather more data using multiple PMD methods and multiple installed links.

2.2.11 TR-42.12 - Optical Fibers and Cables - The subcommittee is working on new projects for skew measurement and for revising FOTP-204 on multimode bandwidth. FOTP-244, temperature cycling of tubes expressed in pedestals, is going out for committee ballot and TIA-492AAAD, OM4 fiber specification, is going out for committee ballot. The plenary unanimously agreed to publish FOTP-3, temperature cycling fiber cables and connectors, and ITM-9 (as TSB-182) on ribbon strip.

2.2.12 TR-42.13 - Interconnecting Devices and Passive Components - Working Groups continue on Adhesive Application Guidelines (out for committee ballot), Adhesion Strength Test Methods, MDU/MTU Cabling (with 42.2, 42.12 and 42.13), APC Endface Geometry, FOTP-241 Connector Seal Under Load (preparing document for committee ballot) and new projects on Method for Measuring GPB Diameter in MT Ferrules and Method for Measuring Relative Angle in GPB Axis in MT Ferrules. The plenary unanimously agreed to publish FOTP-219A on MT Fiber Protrusion. Additionally, there are 29 other documents that are working as reaffirmation, withdrawal, or balloting.

2.2.13 TR-42.15 - Fiber Optic Metrology - Dave Fisher (Tyco Electronics) was elected Chair. There were no nominees for Vice-chair, so Lorenz Cartellieri will serve in the interim. The Plenary unanimously agreed to approve publication of three documents: IEC-61315 (FOTP 231) , IEC-61744 (FOTP 224) and IEC-61746 (FOTP 226). A follow-up investigation on round robin testing of return loss measurements was completed, and discussion began on a document that would define measurement methods for reference cables/jumpers.

2.2.14 TR-42.16 - Bonding and Grounding - Mark Harger (Harger Lighting) and Richard Jones (Chatsworth) were elected Chair and Vice-chair, respectively. A scope will be presented to the plenary in February. The subcommittee continues work on the J-STD-607-B revision.

2.3 Proposed changes to TR-42 Operational Guide

2.3.1 Proposal for Task Group Operational Guideline - Mark Harger has some input that will be discussed separately.

2.3.2 Proposal for Editor Guidelines Manual - disposition of this operational guideline is scheduled for February.

2.4 Green Initiatives - the TR-42.3 Green Task Group has provided a summary of its findings to all subcommittees. A "stewardship" paragraph has been drafted and shared with the subcommittees. The subcommittees are encouraged to review the documents and see what aspects may be applicable and what should be incorporated into their documents.

2.5 Program of Work

- 2.5.1 Reminder that Vice-chairs are responsible for maintaining the entries for their SC - The former FO-4 subcommittees were encouraged to add their spreadsheets to the master program of work spreadsheet.

3. New Business & Output Documents

- 3.1 Meeting Schedule for 2009 - Several companies mentioned the increasing concerns with respect to travel budgets for 2009. The TR-42 leadership will work with TIA to best balance the locations and arrangements for the 2009 meetings. It was noted that the change in meeting schedule would result in reduced travel for TR-42.7.
- 3.2 Output documents (other than those approved during Subcommittee reports)
 - 3.2.1 Contributions to US TAG, IEEE - a liaison letter will be issued to IEEE 802.3 as approved during the TR-42.7 subcommittee report.
- 3.3 Other - None.
- 3.4 Action items derived from this meeting - action items are detailed in this meeting report. Additionally, it was noted that TIA needs to know before January which subcommittees will be meeting in May (optional meeting).

4. Next Meeting (and interim meetings)

- 4.1 Next meeting schedule - Bob Jensen drafted and presented the February 2009 schedule. After a few edits, it was generally agreed to move forward with the revised schedule, pending further edits as requested.
- 4.2 Subsequent meeting locations - February is expected to be announced in Scottsdale, AZ. The May (optional) meeting is targeting Indianapolis, IN. The August meeting is targeting Minneapolis/St. Paul, MN. The November meeting is targeting Orlando, FL.

5. Adjourn - the meeting was adjourned at 10:57AM.

This meeting was conducted in accordance with the TIA Engineering Manual and legal guides.

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 (Teesha Jenkins: tjenkins@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 TR42MAIN 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 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 TIA FTP site no later than one week following the meeting in which they are considered. Notification of the posting shall be made to the group's email reflector list by the EDC.

DOCUMENT NUMBERS:

All contributions are assigned a document number. To obtain a document number before the meeting, provide your name, affiliation, contribution title and corresponding agenda item to the EDC.

Questions and Comments on this agenda should be submitted in writing to:

Herb Congdon; Chair, TR 42	Ph: 336-255-0713	hvcongdon@tycoelectronics.com
Bob Jensen; Vice-chair, TR-42	Ph: 512-514-7760	bjensen@youraustinhouse.com
TR-42 EDC and Secretary: Julie Roy	Ph: 828-461-7796	c2consulting@charter.net