



**TELECOMMUNICATIONS
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Approved by General Counsel

TR-42 Meeting Report

Date: 8/7/09

Location: Minneapolis, MN

Approved: 10/15/09

T# 11385

TR-42 Telecommunications Cabling Systems
CLOSING PLENARY MEETING REPORT

Organization: Engineering Committee TR-42

Chair: Herb Congdon
Tyco Electronics (336)255-0713

Vice-Chair: Bob Jensen
Fluke Networks (512)514-7760

Date: Friday, August 7, 2009

Time: Convene at 8:00 AM; adjourn approximately 12:00 PM CDT
Radisson Plaza Hotel Minneapolis
35 South 7th Street
Minneapolis, MN 55402

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IMPORTANT NOTICE OF PARTICIPATION - The following was reviewed with the attendees.

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. Administrative

1.1 Call to Order: Meeting was called to order at 8:00AM.

1.2 Attendance (Introductions; Roster; Quorum Call): Quorum was verified by roll call. All attendees were allowed to introduce themselves and sign the roster. Attendees were encouraged to use the new electronic roster on a trial basis for this meeting. The following participants attended.

Company	Name
Belden	P. Kish
Business Comms. Svcs	M. Michelson
C ² Consulting	Julie Roy, RCDD
Commscope	P. Kolesar
Corning	Jamie Silva RCDD; C. Alley
dbi	Donna Ballast, RCDD
Fluke Networks	Robert Jensen, RCDD
Furukawa	Lucio Marques RCDD
Hubbell	S. AbuGhazaleh
J&M Consultants	J. Jew
JPMorganChase	Steve Huffaker, RCDD
NIS	Glenn Sexton

Company	Name
ODVA	R. Lounsbury
OFS	M. Kinard
Ortronics	A. Richard
Panduit	B. Lane
POFTO	P. Mulligan
Richard Jones Consulting	R. Jones
Siemon	V. Maguire
Sumitomo	P. Vanvickle
Telcordia	H. Knehr
TIA	S. Montgomery, T. Jenkins
Tyco Electronics	H. Congdon
Wiremold	R. Emplit

- 1.3** Agenda Review and Approval: The meeting was unanimously approved with minor edits (-054a).
- 1.4** Meeting Report from February (Mesa): The meeting report (-050c) was unanimously approved.
- 1.5** Intellectual Property Rights Statement (Early Disclosure): The following was reviewed with the participants.
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.
- 1.6** Distribution and Numbering of Documents: Documents were posted to the FTP folders in advance of the meeting.
- 1.7** Chair's Report and General Items
- 1.7.1** Optical Fiber Subcommittee Organization: The Chair made a motion with two components: dissolve the TR-42.15 subcommittee (Metrology), merge the current responsibilities of TR-42.15 into TR-42.13 and to create a Task Group to evaluate the titles&scopes of the remaining four optical fiber subcommittees (TR-42.8, 42.11, 42.12, 42.13) and develop proposed changes for precise, non-overlapping, succinct scopes for the subcommittees prior to the November opening plenary. The motion was seconded (B. Jensen) and unanimously approved. The Chair appointed Bob Jensen as Chair of the Task Group. The Task Group will consist of the current chairs and vice-chairs of TR-42.8, 42.11, 42.12 and 42.13 as well as the outgoing chair of TR-42.15. There were no other volunteers for the Task Group.
- 1.7.2** Subcommittee Elections & Agenda: The Chair reviewed the expected elections for the next two meetings. The odd-numbered subcommittees (TR-42.1, 42.3, 42.5, 42.7, 42.9, and 42.11) will have chair and vice-chair elections in November. The even-numbered subcommittees (TR-42, 42.2, 42.4, 42.6, 42.8, 42.12) and TR-42.13 will have elections in February 2010. Nominations for the leadership positions should be submitted to TIA (T. Jenkins) and to the plenary leadership. All nominees will need to submit a statement of support from their organization, their qualifications and their objectives. It was recognized that the outcome of the Optical Fiber Subcommittee Organization Task Group may have some influence on the subcommittee elections. All chairs were reminded to include the election announcement in their agenda for the November or February meeting.

The Chair noted that six subcommittees (TR-42, 42.1, 42.2, 42.6, 42.7 and 42.9) each have chairs at the end of their two-year term limit. The Engineering Manual covers the election of formulating group leadership, and states that no individual shall serve more than two consecutive terms but goes on to state: that a third term can be granted with a waiver if 1) no nominations are received during the nomination process, 2) no nominations come from the floor of the meeting prior to the election and 3) at least 75% of the organizations in good standing on the quorum list attending the election meeting are in favor of the waiver.

- 1.7.3** Congratulations: The Chair recognized three individuals who were honored during the week's meetings. Donna Ballast was recognized for her many years of service as the BICSI representative and her many years of service to many of the TR-42 subcommittees. Henricus Koeman was recognized for his many years of service to the TR-42 subcommittees and was wished well in his retirement. Casey Shaar was recognized for his diligent and meticulous work on the A revision of FOTP 203. Each honoree was recognized with a round of applause.

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 – Henry Franc: The MICE tutorial TSB, 942 Addendum 2, and BAS ballots comment resolution were completed. The MICE tutorial will be issued for re-ballot, and the BAS document will be issued for industry ballot. The healthcare task group presented a draft of the healthcare standard (to eventually be TIA-1179), which will be issued for committee ballot, and was disbanded. A motion for the plenary to approve the TIA-942 Addendum 2 document for publication and to approve a new project to revise TIA-942 was unanimously approved.
- 2.2.2** TR-42.2 – Residential Telecommunications Infrastructure – (Ray Emplit for) John Pryma: The plenary approved a motion to issue the reaffirmation of TIA-570-B.
- 2.2.3** TR-42.3 – Commercial Building Telecommunications Pathways and Spaces – Ray Emplit: TIA-1005 Addendum 1 default ballot comments were resolved editorially, and the document was sent to TR-42.9 with a recommendation to approve for publication. TIA-569C PN and TIA-568-C.1-1 PN ballots comment resolution was completed and both documents will be issued for another PN ballot.
- 2.2.4** TR-42.4 - Outside Plant - Julie Roy: TIA-590 was transferred from TR-42.12 to TR-42.4. Content from the 590-A Standard will be incorporated into the 758-B revision, which will be issued for second mock ballot.
- 2.2.5** TR-42.5 – Telecommunications Infrastructure Terms and Symbols – Paul Kish: A draft list of symbols was presented for inclusion in the working dictionary. It was noted that a discussion regarding the public access to the TR-42.5 working dictionary would be in order. All subcommittee chairs and editors were reminded of their responsibility to present terms and definitions to TR-42.5 prior to publication.
- 2.2.6** TR-42.6 – Telecommunications Infrastructure Administration – Steve Huffaker: The 606-B document is on hold pending resolution in IEC on the identifier scheme.

- 2.2.7** TR-42.7 – Telecommunications Copper Cabling Systems – Val Maguire: The plenary unanimously approved a motion to publish 568-C.2, and a separate motion to approve publication of TIA-1152. The plenary unanimously approved a motion to open a new project to create a 568-C.4 Standard called "Broadband Coaxial Cabling & Components Standards". The plenary unanimously approved a separate motion to open a new project to create a Standard on balunless test methods and fixtures. It was noted that this document may trigger a discussion about creating a copper cabling test procedure umbrella document, similar to the FOTPs. A liaison letter (-091) to IEEE regarding TSB-184 was unanimously approved by the plenary for release to IEEE. TR-42.7 prepared two contributions (-092, -093) to address pathway separation issues for Cat 6A UTP cabling in response to a request from TR-42.3 and TR-42.9.
- 2.2.8** TR-42.8 – Telecommunications Optical Fiber Cabling Systems – Bob Jensen: The subcommittee is looking at 24-fiber array connector polarity via a task group, and at optical fiber system loss budgets.
- 2.2.9** TR-42.9 – Industrial Telecommunications Infrastructure – Bob Lounsbury: The plenary unanimously approved a motion to publish 1005 Addendum 1. Work continues on the 1005A project and a task group continues to study plastic optical fiber.
- 2.2.10** TR-42.11 – Optical Fiber Systems – Paul Kolesar: The plenary unanimously approved a new project to revise the TSB-178 document. The subcommittee is looking at adopting IEC 61280-4-1 as the revised content of OFSTP-14, and at creating an evaluation procedure for optical sources for 40/100BASE-SR4/10.
- 2.2.11** TR-42.12 – Optical Fibers and Cables – Mike Kinard: The plenary unanimously approved a motion to create a new project to revise TIA-598 and a project to revise TIA-472-G000. The subcommittee is looking into PMD, skew and multimode bandwidth. The plenary unanimously approved the publication of TIA-492AAAD.
- 2.2.12** TR-42.13 – Interconnecting Devices and Passive Components – (Helmut Knehr for) Osman G.: The subcommittee did not achieve quorum. The plenary unanimously approved a new project to revise 455-11C. The plenary unanimously approved a project to create a TSB on connector adhesives. The plenary unanimously approved a project to create a TSB on connector adhesives. The plenary unanimously approved the issue of a reaffirmation ballot for 455-20-B.
- 2.2.13** TR-42.15 – Fiber Optic Metrology – Dave Fisher: The meeting was cancelled, since only two participants attended.
- 2.2.14** TR-42.16 – Bonding and Grounding – Mark Harger: The subcommittee will be issuing the first committee ballot of 607-B.
- 2.3 Proposed changes to TR-42 Operational Guide**

 - 2.3.1** Proposal for Task Group Operational Guideline: The Chair reported that comments have been received to the Task Group OpGuide, which will be posted for review.
 - 2.3.2** Proposal for Editor Guidelines Manual: A motion was seconded, then tabled to approve the insertion of the draft editorial operational guidelines into the OpGuide.

3. New Business & Output Documents

3.1 Output documents (other than those approved during Subcommittee reports): A letter to IEEE approved in the TR-42.7 report will be sent to IEEE by the Chair.

3.1.1 Contributions to US TAG, IEEE: None.

3.2 Other: A question regarding the relationship between TR-42 and TR-49 (Healthcare Communications Technology) was answered with an explanation that TR-49 is a separate engineering committee. It was noted that the Chair is attending the conference call meetings of TR-49 in an effort to share progress on the healthcare facilities cabling standard, to ensure TR-49 references this standard as appropriate, and to make sure there is no effort to create overlapping or conflicting information. To date, TR-49 has not agreed to any specific action.

3.3 Action items derived from this meeting: No others. All Editors were reminded to ensure their project request and publication forms are filled in on-line via the TIA website.

4. Next Meeting (and interim meetings)

4.1 Subsequent meeting locations: TR-42.7 requested a modification of the meeting schedule to a four-meeting cycle in 2010 - the first full weeks of February, May, August and November, with only two of those meetings being plenary meetings. After some discussion on the change, it was decided to solicit the feedback of subcommittee members in the November meetings. A decision could be made at the November closing plenary meeting. At this point, regardless of a 3-meeting or 4-meeting schedule for 2010, the November and February meeting dates would remain. Proposed dates and targeted locations for June and October meetings are listed below.

4.1.1 November 2-6, 2009: Jacksonville, FL (meeting notice posted)

4.1.2 February 1-5, 2010: San Diego, CA or Palm Springs, CA

4.1.3 June 7-11, 2010: Northeast (Cleveland or Alexandria)

4.1.4 October 4-8, 2010: South Central (Albuquerque or San Antonio)

5. Adjourn: The meeting was adjourned at 10:48AM.

This meeting was conducted in accordance with the TIA Engineering Manual and Legal Guide.

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