



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 10/06/06

Location: Portland, OR

Approved: 11/01/06

T# 10298

2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
USA

+1.703.907.7700
FAX +1.703.907.7727

www.tiaonline.org

MEETING REPORT

Organization: TIA TR-42 Engineering Committee on
User Premises Telecommunications Cabling

Chair: Herb Congdon — Tyco Electronics (828)464-2165

Date: Friday, October 6, 2006

Time: Convene at 8:00 AM; Adjourn approximately 11:00 AM EDT

Location: DoubleTree Lloyd Center
1000 NE Multnomah
Portland, OR 97232
503-281-6111

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1 Administrative

- 1.1 Call to order: The meeting was called to order at 8:00 AM.**
- 1.2 Attendance (call quorum, introductions, circulate roster): Attendees were welcomed by the Chair and allowed to introduce themselves and sign the roster. Quorum was verified by roll call. The following individuals were present.**

Paul Kish, Brian Shuman	Belden/CDT Electronics
Donna Ballast	BICSI
Marilyn Michelson	BCS
Julie Roy	C ² Consulting
Masood Shariff	Commscope
Eric Quinby, Chad Alley	Corning Inc.
Bob Jensen	Fluke Networks, Inc.
John Pryma	Genesis Cable
Jose A. Melo	Furukawa Industrial S.A.
Peter Sharp	Giffels
Henry Franc	HF Consulting
Ed Pivonka	Ideal Industries
Vicki Stafford	Intertek
Jonathan Jew	J&M Consultants
Steve Huffaker	JPMorgan Chase
Chris DiMinico	MC Communications
Glenn Sexton	NIS
Bob Lounsbury	ODVA
K. Drummond	Quabbin wire and cable
Val Rybinski	Siemon Company
Jean Baer	Superior Essex
Stephanie Montgomery	TIA

Herb Congdon	Tyco Electronics
Ray Emplitt	Wiremold

1.3 Agenda review and approval: The agenda was reviewed and approved as modified in -081a.

1.4 Intellectual property rights (early disclosure policy): The following was reviewed with the attendees.

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 Chair's report; nothing to report

1.6 TIA's report: TIA and USTA announced plans for NXTcomm June 18-21, 2007 in Chicago, IL.

1.7 Distribution of documents and contributions: The following contributions were posted to the ftp folders for TR-42.

06-070	Schedule Portland October 2006
06-079	Meeting Report Alexandria
06-080	Plenary Opening Agenda – Portland
06-081	Plenary Closing Agenda – Portland
06-082	Draft EN 50346
06-083	Operation Guidelines
06-084	46185 CD IEC 61935-3 ed 1
06-085	46189 CD IEC 61935-1 ed 3
06-086	prEN 50289-1-16-2006
06-087	Draft for comment EN 50173-3 Information technology - Generic cabling systems - Part 3 - Industrial premises
06-088	568-C.0 draft 2.0
06-089	568-C.1 draft 2.0
06-090	Document Liaison Request Form
06-091	42-1 Opening Plenary 10-06
06-092	Cat6 Testing Issues
06-093	Liaison IEEE 802.3at to TIA-42
06-094	Final draft prEN 50173-1 2006 - General cabling requirements
06-095	Final draft prEN 50173-2 2006 - Office cabling requirements
06-096	Final draft prEN 50173-4 2006 - Home cabling requirements
06-097	Final draft prEN 50173-5 2006 - Data centre cabling requirements
06-098	TR 42.3 Opening Plenary Report
06-099	TR 42.6 Opening Plenary Report
06-100	Document Tracking
06-101	FOLS Motion Letter Final
06-102	TR 42.6 Opening Plenary Report
06-103	TR 42.9 Opening Plenary Report
06-104	TR 42 Opening Plenary Report
06-105	ODVA Report
06-106	BICSI Report
06-107	TR 42.7 Opening Plenary Report
06-108	IEEE Liaison
06-109	US TAG REPORT
06-110	TR 42.2 Opening Plenary Report
06-111	TR42.1 Closing Plenary Report
06-112	Quorum Operation Guide
06-113	TR42.8 Closing Plenary Report
06-114	Liaison Letter to IEEE on Unallocated Margin
06-115	TR42.2 Closing Plenary Report
06-116	TR42.7 Closing Plenary Report
06-117	Liaison Letter to IEEE on PoE
06-118	Channel Specs
06-119	TR42.6 Closing Plenary Report
06-120	Project Request 606_A.1

06-121	PIN Form 606-A.1
06-122	Cat6 Testing Issues Response Letter
06-123	TR42.3 Closing Plenary Report
06-124	TR42.9 Closing Plenary Report

- 1.8 Meeting report review and approval:** The meeting report from Alexandria, VA (-079a) was approved unanimously.

2 Old Business

- 2.1 Liaison letters received:** IEEE liaison letter on PoE Plus, letter on the use of lubricant with Cat. 6 cabling, FOLS liaison letter on fiber in the horizontal

2.2 Subcommittee reports

- 2.2.1 TR-42.1 – Commercial Building Cabling: The committee resolved all 568-C.0 and 568.C.1 mock ballot comments. Both draft documents will be going out as industry ballot. A draft coaxial cable addendum for TIA-942 will go out for mock ballot. The Healthcare project is coming along and it should be expected to have a strawman document to review at the February meeting. The liaison letter from FOLS was reviewed - no action was required.
- 2.2.2 TR-42.2 – Residential Telecommunications Infrastructure: Reviewed the draft addendum 1 of 570-B (coaxial cabling) and approved its release as committee ballot.
- 2.2.3 TR-42.3 – Commercial Building Telecommunications Pathways and Spaces: A task group is still studying the conduit fill tables. The committee resolved mock ballot comments of the draft addendum to TIA-1005 on industrial pathways and spaces and agreed to issue as a committee ballot. A response to the letter received on the use of lubricant with category 6 cables was approved unanimously for release.
- 2.2.4 TR-42.5 – Telecommunications Infrastructure Terms and Symbols: The committee worked on definitions in support of 568-B.2 Add10 and the draft 568-C.3.
- 2.2.5 TR-42.6 – Telecommunications Infrastructure Administration: The 5-year life span of the 606-A document is ending soon; the committee discussed a preference to re-affirm the document. A formal vote is scheduled for the next meeting in February, 2007. A task group developed an addendum to 606-A on Administration of Equipment Rooms and Data Center Computer Rooms - the draft addendum will be going out for industry ballot. The committee also initiated a working group to investigate extending 606-A to support other types of low-voltage cabling.
- 2.2.6 TR-42.7 – Telecommunications Copper Cabling Systems: Reviewed and resolved the comments to the TSB-155 ballot. The TSB-155 was conditionally approved for publication (no objections within two weeks of final document posting) unanimously. Reviewed and resolved the comments to the 568-B.2 addendum 7 ballot - it was approved for publication unanimously. Started the review and resolution of the comments on the Addendum 10 ballot - comment resolution will continue in an interim meeting in December and the committee is hoping to release the document for industry ballot prior to the February meeting. A response letter to IEEE on PoE Plus was approved unanimously for release, subject to final editing by the Chair. The committee mentioned their concerns in regards to the development of channel and permanent link for 568-C.0, which will hopefully be addressed through meeting scheduling.
- 2.2.7 TR-42.8 – Telecommunications Optical Fiber Cabling Systems: Reviewed and resolved the 568-C.3 committee ballot comments. The 568-C.3 draft will go out for industry ballot. A liaison letter to IEEE on unallocated margin was approved unanimously for release.
- 2.2.8 TR-42.9 – Industrial Telecommunications Infrastructure: Since the ballot of the draft 1005 was not closed at the time of the meeting, the committee decided to start the resolution of the comments already received. Ballot comment resolution will be scheduled in an interim meeting in December. Also, the committee reviewed the fiber task group report as well as the information from TR42.3.

2.3 Proposed changes to TR-42 Operational Guide:

There was an open discussion on the quorum guidelines document (-112) and it was approved to add the text into the TR-42 Operational Guide.

2.4 Program of Work: ongoing action item by Vice-Chairs of each committee.**3 New Business**

3.1 TR-42 Forum (Peter Sharp): Anyone interested in participating in the study of the development of a TR-42 Forum should contact Peter Sharp.

3.2 Task Group Guidelines (Stuart Reeves): Anyone interested in participating in the development of text for the TR-42 Operational Guide relating to Task Group Guidelines should contact Stuart Reeves.

3.3 Editors Provide 1-week Warning Before Ballot Expiration: To avoid the extension of the ballot closing date due to lacks of votes, editors should provide a 1-week warning e-mail via the reflector before ballot expiration.

3.4 TR-41 Co-location and 607A (Bob Lounsbury): Any general subject that needs to be added, modified or deleted from 607-A document should be provided to Bob Lounsbury. Bob will make a general announcement and set a conference call meeting in this regard.

3.5 Other: None

3.6 Output documents; letters; approved standards publications

3.6.1 D. Howell Letter (the use of lubricant with category 6 cables)

3.6.2 IEEE Letters (Unallocated Margin; 802.3at)

3.7 February meeting schedule: Reviewed, modified and approved.

4 Next meeting

4.1 The next meeting will be held in Houston, TX from Monday, February 5th until Friday, February 9th, 2007. We will co-locate the meeting with the FO-4 and the TR 41 committees.

5 Adjournment: Meeting was adjourned at 09:45AM.

This meeting was conducted in accordance with the TIA Legal Guide and the 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 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 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 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 to TR-42 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 TR-42 EDC.

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

Herb Congdon; Chair, TR 42	Ph: 828-464-2165	hvcongdon@tycoelectronics.com
Bob Jensen; Vice-Chair, TR 42	Ph: 512-514-7760	bjensen@swbell.net
EDC and Secretary: Julie Roy	Ph: 828-461-7796	c2consulting@charter.net