



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 10/07/05

Location: Alexandria, VA

Approved: 10/28/05

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MEETING REPORT

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

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

Date: October 7, 2005

Time: Convene at 9:00 AM; Adjourn approximately 12:00 PM

Location: Holiday Inn Hotel & Suites Historic Alexandria
625 First Street
Alexandria, VA 22314
Phone: 703-548-6300; Fax: 703-548-8032
Rate: \$153.00, Cut-off Date: September 3, 2005

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1 Administrative

- 1.1 Call to order: Meeting was called to order at 9:01AM.**
- 1.2 Attendance (call quorum, introductions, circulate roster): The attendance roster was passed around for signatures, and attendees were allowed to introduce themselves. Quorum was verified by roll call. Attendees are listed below.**

Brian Shuman	Belden Electronics
Paul Vanderlaan Paul Kish	Belden/CDT Networking Div.
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.
Peter Sharp	Giffels Assoc.
Gerald Renken	Ideal Industries
Steve Huffaker	JPMorgan Chase
Chris DiMinico	MC Communications
David Hess	Nexans
Glenn Sexton	NIS
Bob Lounsbury	ODVA

Val Rybinski	Siemon Company
Sterling Vaden	Superior Modular Products
Stephanie Montgomery	TIA
Herb Congdon	Tyco Electronics
Ray Emplitt	Wiremold

1.3 Agenda review and approval: The meeting agenda was modified with the addition of items 1.5.2 and 3.1.4 and approved by acclamation (05-131b).

1.4 Intellectual property rights (early disclosure policy): The IPR policy was reviewed with the plenary 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 Chair's report; general items

1.5.1 Elections at the February meeting for TR-42 and even numbered Subcommittees: Nominees are to be submitted to Stephanie Montgomery at TIA.

1.5.2 Congratulations to incoming and outgoing chairs and vice-chairs: Elections were held for the odd-numbered subcommittees with results as follows. Incoming Chairs and Vice-chairs were congratulated. Outgoing Chairs and Vice-chairs were recognized for their work and service over the past two or four years.

	Incoming		Outgoing	
	Chair	Vice-chair	Chair	Vice-chair
TR-42.1	Henry Franc	Glenn Sexton	Herb Congdon	Julie Roy
TR-42.3	Steve Huffaker	Ray Emplitt	Steve Huffaker	Glenn Sexton
TR-42.5	Paul Kish	Henry Franc	Peter Sharp	Steve Huffaker
TR-42.7	Val Rybinski	Sterling Vaden	Paul Vanderlaan	Val Rybinski
TR-42.9	Bob Lounsbury	Brian Shuman	Shadi AbuGhazaleh	Bob Lounsbury

1.6 TIA's report: Covered in the opening plenary (05-145)

1.7 Distribution of documents and contributions: Several documents were posted in advance of the meeting. Additional documents were provided for the meeting. All will be posted to the ftp folders. The list of documents for this meeting included the following.

05-136	Chairs Call Notes
05-137	Standards Commonality Spreadsheet (568C) Revised
05-138	Operational Guidelines – Liaisons
05-139	TR-42 Scope Statements
05-140	TR-42.2 Plenary Preview
05-141	TR-42.1 Plenary Preview
05-142	TR-42.8 Plenary Preview
05-143	Coax Study Group Contact List
05-144	Coax Study Group Report
05-145	Opening Plenary Report
05-146	568C Series Review
05-147	Standards Commonality Spreadsheet (568C) Revised
05-148	JWG10 Report
05-149	IPTG Report
05-150	TR-42.6 Plenary Preview
05-151	TR-42.3 Plenary Preview

05-152	TR-42.5 Plenary Preview
05-153	IEEE Annex 55B
05-154	HCTG Report
05-155	HCTG Cross Reference
05-156	HCTG Project Request
05-157	HCTG Meeting Report 8/26/2005
05-158	ICEA Liaison to TIA
05-159	IEEE Report
05-160	TR-42.7 Plenary Preview
05-161	US TAG Plenary Preview
05-162	WLANTG Ballot Comments & Recommendations
05-163	SP-3-4425-AD7 Comment Resolution
05-164	TR-42.1 Plenary Review
05-165	TR-42.8 Plenary Review
05-166	Health Care TSB Project Request
05-167	Liaison letter to BICSI – Health Care
05-168	Project Request – Add1 to TIA-942 for Coaxial Cable
05-169	Project Request – Add1 to TIA-570B for Coaxial Cable
05-170	TR-42.2 Liaison on Shared Sheath Applications
05-171	TR-42.2 Plenary Review
05-172	TR-42.5 Plenary Review
05-173	TR-42.6 Plenary Review
05-174	TR-42.3 Plenary Review
05-175	TR-42.7 Plenary Review
05-176	TR-42.9 Plenary Review
05-177	WLANTG Ballot Comments & Resolutions
05-178	TR-42 Schedule for Palm Springs

1.8 Meeting report review and approval: The meeting report from Montreal (05-120) was approved by acclamation.

2 Old Business

2.1 Action item review: The following action items were reviewed and updated.

Action Item Number	Assigned To	Action	Status
AI42-04-002	All S/C Chairs	Request Study/Task Groups to use reflectors for agenda and meeting reports	Closed
AI42-04-010	All S/C Chairs	Post meeting reports within two weeks of meeting date. Post agenda one month in advance of meeting date.	Ongoing
AI42-04-015	All S/C Chairs	Review and propose changes to the TR-42 Program of Work draft	Ongoing
AI42-05-001	DiMinico	Prepare recommendations for operational guidelines on task and sub- group disbanding	Open

2.2 Liaison letters received: Liaison letters to TR-42 were mentioned in the opening plenary (05-127, 05-128, 05-158).

2.3 Subcommittee reports

- 2.3.1 TR-42.1 – Commercial Building Cabling: Elections resulted in having Henry Franc as Chair and Glenn Sexton as Vice-chair. Ballot comment resolution on SP-3-4425-AD6 was cut short due to time and will be completed during an interim teleconference. The Health Care Task Group finished their task and presented a request for a project request to create a TSB for health care facilities. The Project Request (05-166a) was approved unanimously. A liaison letter to BICSI (05-167b) was reviewed, edited and approved unanimously for release announcing the health care facility cabling TSB.
- 2.3.2 TR-42.2 – Residential Telecommunications Infrastructure: The subcommittee reviewed considerations for allowing the RJ11 connector, heard a report from the Coaxial Cable Task Group and sent a request to TR-42.7 on shared-sheath applications.

- 2.3.3 TR-42.3 – Commercial Building Telecommunications Pathways and Spaces: Elections resulted in the re-election of Steve Huffaker as Chair and Ray Emplit as Vice-chair. The subcommittee will commence work on pathways for the developing Industrial standard (to become TIA-1005).
- 2.3.4 TR-42.4 – Customer-owned Outside Plant Telecommunications Infrastructure: Subcommittee is inactive. No report.
- 2.3.5 TR-42.5 – Telecommunications Infrastructure Terms and Symbols: Elections were resulted in the election of Paul Kish as Chair and Henry Franc as Vice-chair. Subcommittee released a definition of outlet in addition to completeing work on other terms and definitions.
- 2.3.6 TR-42.6 – Telecommunications Infrastructure Administration: There was no quorum. No official business was conducted.
- 2.3.7 TR-42.7 – Telecommunications Copper Cabling Systems: Elections resulted in Val Rybinski as Chair and Sterling Vaden as Vice-chair. The 568-B.2 Addendum 7 ballot will close October 13th – comments to be resolved in the interim meeting Dec. 6-8. There are 30 remaining comments to the TSB-155 ballot – a 4-hour interim teleconference will be scheduled Oct. 21; remaining comments will roll to the interim teleconference. It was agreed to allow sharing of the TSB-155 30-day ballot with IEEE pending TIA approval. There are 40 pages of comments remaining in the 568-B.2 Addendum 10 ballot – comments will be reviewed during the interim meeting planned for the beginning of December. The 568-B.2 Addendum 11 ballot closed and is ready to publish – the plenary agreed with two abstentions to publish the addendum. The 568-B.2 Addendum 9 ballot closed and is ready to publish – the plenary agreed with two abstentions to publish the addendum.
- 2.3.8 TR-42.8 – Telecommunications Optical Fiber Cabling Systems: Ballot comments to 568-B.1 Addendum 7 (Array Connector Polarity) were resolved editorially and the addendum is ready to publish – the plenary agreed unanimously to publish the addendum.
- 2.3.9 TR-42.9 – Industrial Telecommunications Infrastructure: Elections resulted in the election of Bob Lounsbury as Chair and Brian Shuman as Vice-chair. Draft 5a will be released for committee ballot. An interim meeting is scheduled for December 8-9, to coincide with the end of the TR-42.7 meetings.
- 2.4 WLAN Ad-hoc report: The comment resolution was completed (05-177) – the plenary approved (F: 5 O:2 Ab:5) the ballot comment resolution. It was agreed (F:6 O:2 Ab:6) to conditional publication of the TSB after:**
- **Editing by the editorial committee**
 - **Final editorial review limited to implementation of resolutions for 2 weeks by TR-42 and Ad-hoc group**
 - **Confirmation with those not attending that their satisfied with committee recommendations**
- Failing the above to go to a default ballot with remaining objections.**
- 2.5 Coaxial Cabling Ad-hoc report: The study group reported to the opening plenary. In TR-42.2, the study group proposed an addendum to 570-B. The project request (05-168a) was approved with one abstention. The study group did not get to review a recommendation (05-169a) to TR-42.1 for an addendum to TIA-942, but will do so at the next meeting.**
- 2.6 Engineering Committee Scope Approved (informational): The Chair reported that the final version of the Plenary and Subcommittee scopes (05-139) was forwarded to the Engineering Committee.**

- 2.7 **Proposed changes to TR-42 Operational Guide: The new operational guideline for TR-42 Liaisons (05-138a) was reviewed, modified and approved (F:8 O:2 Ab:4).**
- 2.8 **Program of Work: All subcommittee Chairs were reminded to review the Program of Work (05-063) and submit changes to the Chair for revisions to the master.**

3 New Business

3.1 Other

- 3.1.1 Cover sheet to comment compilation and resolutions to be brought to TC: There is no cover sheet needed on the ballot comment resolutions. The TSSC will be issuing an advisory addressing this and other subjects from the Engineering Manual, 4th Edition.
- 3.1.2 Review disbanding TR-42.3 until new work is needed: Due to ongoing work in TR-42.3, this review was not necessary.
- 3.1.3 568-C: The Chair reported that the first drafts of 568-C should be completed by the end of the year. A summary meeting will be held on Monday night of the next TR-42 meeting week (January 30th).
- 3.1.4 Ballot Comment Protocol: It was reported that some comments received to the TSB-155 ballot could be considered inappropriate and bordered on personal comments, rather than technical content. The Chair, Herb Congdon and Chris DiMinico volunteered to draft a proposed operational guideline on ballot comment procedures and etiquette.

3.2 Output documents; letters; approved standards publications: Documents will be issued as follows: Liaison letter to BICSI on the Health Care Facilities Cabling TSB; 568-B.2 Addendum 11 to publish; the 30-day ballot draft of the TSB 155 will be shared with IEEE (note: requires TIA copyright permission); 568-B.1 Addendum 7 to publish; the wireless LAN cabling TSB to publish if conditions are met.

3.3 Jan-Feb 2006 meeting schedule: The proposed schedule was reviewed, modified and posted (05-178a).

4 Next meeting

- 4.1 **Palm Springs, CA (Feb 2006): Meetings are expected to begin Jan. 30 and end on Feb. 3rd.**

5 Adjournment: Meeting was adjourned at 11:43AM.

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 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.

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

Bob Jensen; Chair, TR 42	Ph: 512-514-7760	robert.jensen@flukenetworks.com
Paul Kish; Vice-chair, TR-42	Ph: 514-822-7404	paul.kish@nordx.com
EDC and Secretary: Herb Congdon	Ph: 828-464-2165	hvcongdon@tycoelectronics.com