



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 06/11/04

Location: Providence, RI

Approved: 07/18/04

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MEETING Report

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

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

Date: June 11, 2004

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

Location: Providence Marriott (1 Orms Street, Providence, RI 02904)

Phone: 401.272.2400 401.273.2686-Fax

1 Administrative

1.1 Call to order: Meeting was called to order at 8:01 AM.

1.2 Attendance (call quorum, introductions, circulate roster)

Quorum was verified by roll call. Introductions were made and the TIA roster was circulated for signature. Attending the meeting were the following individuals.

Masood Shariff	Avaya	shariff07724@yahoo.com	732-544-8934
Steve Huffaker	Bank One	steve_huffaker@bankone.com	614-213-6549
Paul Vanderlaan	Belden	paul.vanderlaan@belden.com	765-983-5811
Henry Franc	Bell Canada	henry.franc@bell.ca	416-981-0817
Donna Ballast	BICSI	dballast@bicsi.org	512-845-6605
Marilyn Michelson	BCS	randm@volcano.net	209-295-3975
Tom Boucino	CommScope, Inc.	tomb@commscope.com	828-459-5713
Eric Quinby	Corning	eric.quinby@corning.com	828-901-2455
Mark Maloney	Ehvert Technology	mmaloney@ehvert.com	416-868-1933
Bob Jensen	Fluke Networks, Inc.	robert.jensen@flukenetworks.com	512-514-7760
Peter Sharp	Giffels Associates	peter.sharp@giffels.com	416-798-5590
Sal Saldivar	HCA, Inc	sal.saldivar@hcahealthcare.com	615-344-6217
Shadi AbuGhazaleh	Hubbell	sabughaz@hubbell-premise.com	860-535-5510
James Withey	ITT Industries	james.withey@itnss.com	212-599-0010
Brian Ensign	Leviton	bensign@levitonvoicedata.com	425-415-7322
Chris DiMinico	MC Communications	cdiminico@ieee.org	978-441-1051
Julie Roy	NORDX/CDT	julie.roy@nordx.com	514-822-7003
Paul Kish		paul.kish@nordx.com	514-822-7404
Glenn Sexton	NIS	ges@nispdx.com	503-246-8585
Adam Murano	Ortronics	amurano@ortronics.com	860-405-2804
Val Rybinski	Siemon Company	valerie_rybinski@siemon.com	860-945-4200
Jean Baer	Superior Essex	jean.baer@supsx.com	770-657-6838
Stephanie Montgomery	TIA	smontgom@tiaonline.org	703-907-7735
Herb Congdon	Tyco Electronics	hvcogdon@tycoelectronics.com	828-464-2165

1.3 Agenda review and approval (038)

The agenda was unanimously approved.

1.4 Intellectual property rights (early disclosure policy): Reviewed by Chair.

TIA's patent policy can be found in the TIA Engineering Manual (3rd 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

Nothing beyond that covered in the opening meeting.

1.6 TIA's report

Nothing beyond that covered in the opening meeting.

1.7 Distribution of Documents and Contributions

The majority of documents were posted in advance of the meeting. Documents from this week will be posted to the ftp folders.

1.8 Meeting report review and approval, Feb. 2004

The meeting report was modified to include specific mention of the TSB-155 project in the TR-42.7 Subcommittee report. The revised meeting report was unanimously approved.

2 Old Business

2.1 Action item review – Bob Jensen: The following action items from the February meeting report were reviewed.

Action Item Number	Assigned To	Action
AI42-04-001	S. Montgomery	Issue press release for TR-42 election results - COMPLETE
AI42-04-002	All S/C Chairs	Request Study/Task Groups to use reflectors for agenda and meeting reports - ONGOING
AI42-04-003	Chair 42.1	Issue 568B.1 Addendum 5 for publication - COMPLETE
AI42-04-004	Chair 42.2	Issue 570B for publication (conditional) - COMPLETE
AI42-04-005	Chair 42.3	Issue 569B for publication - COMPLETE
AI42-04-006	Chair 42.8	Issue TSB-140 for publication - COMPLETE
AI42-04-007	Chair 42	Collect revised Subcommittee scopes for review - COMPLETE
AI42-04-008	All S/C Chairs	Provide project status update (include completion date and distribution) - ONGOING
AI42-04-009	Chair 42	Draft proposed Operational Guidelines - ONGOING
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
AI42-04-011	All S/C Chairs Chair 42	Submit list of IEC documents needed for development and reference to Bob Jensen - ONGOING
AI42-04-012	Chair 42	Check with TIA Legal on inconsistency of NEC/NESC references - COMPLETE
AI42-04-013	Chair 42 D. Hess	Check requirements in style guide and engineering manual for ballot cover sheets - COMPLETE

2.2 Liaison letters received – Bob Jensen

Liaison letters were received from IEEE and ODVA. Responses were authored by the appropriate subcommittees and were reviewed as part of the subcommittee reports.

2.3 Subcommittee reports

- 2.3.1 TR-42.1 – Commercial Building Cabling – Herb Congdon: SP-3-0092 (Data Centers) will go out for another industry ballot. Comment resolution on SP-3-4425-6 (DC Power) was not completed. PAR and ANSI PINS forms for 568C.0 (Generic Cabling) and 568C.1 (Commercial Building Cabling) were submitted for plenary review. It was unanimously agreed to submit the forms for 568C.0. It was unanimously agreed to submit the forms for 568C.1. Including the subcommittee chairs in the 568C.0/C.1 study group was recommended. A recommendation to turn the Healthcare Study Group into a Task Group to create an addendum or annex was submitted and agreed to (13 for, 1 against, 3 abstentions). A recommendation to turn the Wireless Study Group into a Task Group to create a TSB was submitted and agreed to unanimously. It was agreed to allow the Wireless Task Group to create and submit a liaison letter to IEEE 802.11. There was no action agreed to on the Structured Cabling Benefits TSB. Due to some confusion on the ballot cover sheet policy, Bob Jensen will seek guidance from TIA. TR-42.1 will hold an interim teleconference to complete ballot comment resolution on AD6 and to review the TR-42.1 Scope.
- 2.3.2 TR-42.2 – Residential Telecommunications Infrastructure – Bob Jensen: The subcommittee scope was proposed and unanimously approved.
- 2.3.3 TR-42.3 – Commercial Building Telecommunications Pathways and Spaces – Steve Huffaker: A change to the 569-B Standard will be inserted prior to publication to change “fire rated” plywood to “fire retardant”.
- 2.3.4 TR-42.4 – Customer-owned Outside Plant Telecommunications Infrastructure – Donna Ballast: No meeting, no report.
- 2.3.5 TR-42.5 – Telecommunications Infrastructure Terms and Symbols – Peter Sharp: The scope was submitted and approved with 1 abstention. A motion that TR42 direct SC TR42.5 to proceed with efforts directed towards providing recommendation to TR42 on: A restructure of the architecture of the TR42 Standard document set, the use of document templates intended for use within TR42, and the format and content of said templates was approved (11 for, 2 against, 2 abstentions).
- 2.3.6 TR-42.6 – Administration – Peter Sharp – The revised scope was unanimously approved. The subcommittee will study the use of telecom graphic symbols, the administration of telecom enclosures and the issues on administration of DC power.
- 2.3.7 TR-42.7 – Telecommunications Copper Cabling Systems – Paul Vanderlaan: It was agreed to send two liaison letters to IEEE, one on Cat6 (12 for, 1 against, 3 abstentions) and one on Augmented Cat6 (10 for, 1 against and 5 abstentions). SP-3-4426-AD7 (connector reliability) will be sent out as a committee ballot. SP-3-4426-AD9 (balance) will be sent out as a default ballot. It was agreed with 5 abstentions to allow Paul V and Val R. to create the PAR and PINS for Addendum 11 to 568B.2 on increasing the maximum cable diameter to 0.310 inches. An interim meeting will be held August 2, 2004. It was noted that Shadi AbuGhazaleh objected to the selection of the August 2 date for this interim meeting.
- 2.3.8 TR-42.8 – Telecommunications Optical Fiber Cabling Systems – Herb Congdon: SP-3-4425-AD7 (array connector polarity) will go out for first industry ballot. It was agreed with 1 abstention to submit the PAR and PINS for 568C.3.

- 2.3.9 TR-42.9 – Industrial Telecommunications Infrastructure – Shadi AbuGhazaleh: The scope for TR42.9 was proposed and approved with 4 abstentions. It was agreed (3 for, 1 against, 7 abstentions) to submit the TR-42.9 Plenary Review contribution (-082) with the meeting report to the US TAG. It was agreed with 4 abstentions to submit a liaison letter to ODVA.

2.4 Review of Scopes (Engineering Committee and Subcommittees) – Bob Jensen

The scopes of all the subcommittees except TR-42.1 and TR-42.7 have been submitted and approved. A modification to the TR-42 scope was accepted with 1 abstention.

2.5 Proposed changes to TR-42 Operational Guide: Ongoing action item.

2.6 Program of Work

A draft has been prepared and posted (-077). All Subcommittee chairs are requested to review their entries by June 18th.

3 New Business

3.1 Output documents; letters; approved standards publications

Covered as part of the subcommittee reports. No output documents were created by TR-42.

3.2 October Meeting Schedule

A draft schedule has been posted. It was noted that some improvements could be made – these proposals will be evaluated outside the Plenary.

3.3 Other: None

4 Next meeting

Action Item Number	Assigned To	Action
AI42-04-002	All S/C Chairs	Request Study/Task Groups to use reflectors for agenda and meeting reports - ONGOING
AI42-04-008	All S/C Chairs	Provide project status update (include completion date and distribution) - ONGOING
AI42-04-009	Chair 42	Draft proposed Operational Guidelines - ONGOING
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
AI42-04-011	All S/C Chairs Chair 42	Submit list of IEC documents needed for development and reference to Bob Jensen - ONGOING
AI42-04-014	Chair 42	Seek TIA guidance on ballot cover sheet policy on ballot cover sheets and formats
AI42-04-015	All Subcommittee Chairs	Review and propose changes to the TR-42 Program of Work draft (-077) by June 18 th .

4.1 Canada meeting location (June 2005)

It was reported that an effort to schedule the June 2005 meeting in a Canadian location will be made.

5 Adjournment: Meeting was adjourned at 11:00AM.

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. CONTRIBUTIONS THAT ARE AVAILABLE ON THE FTP SITE FIVE (5) WORKING DAYS BEFORE THE MEETING WILL NOT BE DISTRIBUTED AT THE MEETING. For information on how to access the FTP site, contact the TR-42 Electronic Document Coordinator (EDC): Herb Congdon (PH: 828-464-2165; e-mail: hvcongdon@tycoelectronics.com).

NEW CONTRIBUTIONS:

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. Logged contributions should be provided to the EDC as electronic files at least SEVEN (7) CALENDAR DAYS prior to the meeting. The contributor should have an electronic copy available at the meeting for those who wish an electronic copy of the contribution. All electronic files shall be provided in either Adobe Acrobat 3.0 or later (*.PDF); Word 6.0 or later (*.DOC); PowerPoint 6.0 or later (*.PPT); or in Excel 6.0 or later (*.XLS). Compressed files shall be accessible using PKUNZIP or WINZIP (*.ZIP).

NOTES:

- 1) All contributions to TR 42 should use the approved templates. A file with these statements is available on the TR42MAIN FTP site for download.
- 2) It is not necessary to provide hard copies at the meeting for contributions submitted in the appropriate electronic format to the EDC before the 7-day deadline.
- 3) The author shall bring at least 40 copies for distribution at the meeting for contributions submitted to the EDC after the 7-day deadline.
- 4) For any submittal after the 7-day deadline, provide contributions to the EDC in the appropriate electronic format for posting to be uploaded for future reference.
- 5) Contributions will not be accepted for discussion at a meeting after agenda approval or without Chair exception.

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

This meeting was conducted in accordance with TIA Engineering Manual and TIA Guidelines.