

Telecommunications Industries Association Standards and Technology Department

Engineering Committee TR-42 User Premises Telecommunications Cabling Infrastructure Meeting Report

Chair: Paul Kish
Vice-Chair: Tom Toher
Secretary: Bob Jensen, RCDD

May 19, 2000
Sheraton Premiere Hotel
Vienna, VA

1. Call to order (opening remarks; objectives)

1a. TR-42 Chair Remarks

1. Paul Kish welcomed all of the attendees to the meeting. Paul announced that Tom Toher, IBM, would no longer be attending the TR-42 meetings and thanked Tom for all his hard work. Paul also announced that Bob Jensen, 3M, accepted the position of TR-42 Vice-Chair and Ray Keden, Erico, accepted TR-42.5 Chair in fulfilling the void of Tom Toher's vacancy.

1b. TIA Staff Remarks

1. TIA had no remarks for this part of the meeting.

2. Roll call and introductions; call quorum $\frac{3}{4}$ Kish/Jensen

The attendees introduced themselves and an attendance roster was distributed for participants to sign. The roll was called and a quorum declared.

Attendees

Paul Kish	TR-42 Chair		
	NORDX/CDT		
Bob Jensen	3M	Jay Myers	Graybar
Philip Lippel	Agilent	Rich Panko	GTE
Herb Congdon	AMP	Bill Sewell	Jacobs Facilities, Inc.
Frank Dickman	Anixter	Masood Shariff	Lucent Technologies
Marilyn Michelson	BCSI	Mel Lesperance	Ortronics
Donna Ballast	BICSI	Stephen Kuba	SPAWAR
Mark Maloney	Ehvert Technology Services	John Siemon	The Siemon Company

3. Review agenda and approval $\frac{3}{4}$ Paul Kish

Document: TR-42/00-05-020

The Engineering Committee approved the agenda.

4. Intellectual property rights (early disclosure policy) ³/₄ Paul Kish

The chair brought to the attention of the membership the TIA policy regarding patents, the use of which may be essential to a standard being considered.

5. Distribution and numbering of documents ³/₄ Kish/Jensen

Document #	Media	Source	Document title
TR-42/00-05-019	Electronic	Bob Jensen	Orlando, FL Meeting Report; February 2000
TR-42/00-05-020	Electronic	Bob Jensen	Tysons Corner, VA; May Meeting Agenda
TR-42/00-05-021	Electronic	Bill Sewell	Industry Letter to Participate in TR-42.9
TR-42/00-05-022	Electronic	Herb Congdon	Letter to US TAG on connector loss within 11801
TR-42/00-05-023	Electronic	Masood Shariff	568-B.2 Comment Resolution
TR-42/00-05-024	Electronic	John Siemon	Letter to IEEE on multimode supporting 10 gig
TR-42/00-05-025	Electronic	John Siemon	Letter to IEEE on Powering DTE
TR-42/00-05-026	Electronic	John Siemon	568-B.1 Comment Resolution (Technical)
TR-42/00-05-027	Electronic	John Siemon	568-B.1 Comment Resolution (Editorial)

6. Previous meeting report ³/₄ Bob Jensen

Document: TR-42/00-05-019

The Engineering Committee approved the March 2000 meeting report.

7. Subcommittee reports and action items

7a. TR-42.1, Commercial Building Telecommunications Cabling ³/₄ John Siemon

Documents: TR-42/00-05-024 TR-42/00-05-026
TR-42/00-05-025 TR-42/00-05-027

1. Ballot resolution was held on SP-4425-B, *Commercial Building Telecommunications Cabling Standard: Part 1, General Requirements*. Resolution of comments resulted in the document being unanimously approved to be re-balloted as a 30-day default ballot, SP-4425-B-1 including a total of seven technical comments. There were six “NO” votes of which two were resolved. The editor will update the SP-4425-B document from the TR-42.1 ballot resolution (TR-42/00-05-026; TR-42/00-05-027) and will send the default ballot directly to TIA. John Siemon made a motion to approve the industry default re-ballot of SP-4425-B (ballot as SP-4425-B-1).

Plenary action: The motion was unanimously approved.

2. John Siemon expressed a need to modify the Subcommittee name since it does not include the term “telecommunications” within the title. John Siemon made a motion to modify the title of the Subcommittee to “Commercial Building Telecommunications Cabling”.

Plenary action: The motion was unanimously approved.

3. A letter was recommended to be sent to the IEEE regarding the use of multimode optical fiber for premises use and supporting 10 gigabit Ethernet. The Committee revised the letter. John Siemon made a motion to forward the letter to the IEEE.

Plenary action: The motion was unanimously approved.

4. A letter was recommended to be sent to the IEEE regarding the progress of DTE powering in the DTE powering Task Group. The Committee revised the letter. John Siemon made a motion to forward the letter to IEEE 802.3.

Plenary action: The motion was unanimously approved.

5. John Siemon made three requests at the meeting. These included to allow time at the August meeting to have the DTE Task Group meet, to have a joint meeting with TR-41.7.2 regarding bonding and grounding, and to ask that TR-41.5 permit TR-42, TR-42.1, and TR-42.7 respond to the gigabit Ethernet over category 6 proposed standard. Paul Kish asked Bob Jensen to coordinate these activities.

7b. TR-42.2, Residential Telecommunications Infrastructure ^{3/4} Bob Jensen

Documents: None

1. Task Groups have begun their work on Control Systems, Entertainment Systems, and Security Systems. The Task Groups anticipate having drafts for the August meeting and then determining what cabling will be able to be used throughout the home. Harmonization with the IEC SOHO draft standard is one of the Subcommittee goals.

7c. TR-42.3, Commercial Building Telecommunications Pathways and Spaces ^{3/4} Bob Jensen

Documents: None

1. The underfloor duct and cellular floor distribution systems addendum ballot was reviewed in the Subcommittee. Unfortunately there was not enough time to complete the comment review at this meeting. The Subcommittee agreed to review the rest of the comments via conference call on June 5, 2000 from 12 PM to 4 PM Central Time. After resolution of comments, even though the Subcommittee does not anticipate having a quorum, the Subcommittee would like to edit the document and re-ballot the full document. Bob Jensen made a motion to approve the conference call and re-balloting the addendum.

Plenary action: The motion was unanimously approved.

2. The Task Group on multi-tenant buildings is progressing. An illustration of the proposed changes were reviewed at the meeting and further work is needed.
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3. The cable tray fill task group reported on their current work and they reviewed several sections of their document. The Task Group anticipates having the draft ready for ballot at the next meeting.
4. The Subcommittee reviewed two definitions at their meeting for outlet box and consolidation point. Modifications were made to the outlet box definition, however the Subcommittee strongly recommended (12 to 2) that the consolidation point definition remain as it is.

7d. TR-42.4, Customer-Owned Outside Plant Telecommunications Infrastructure ^{3/4} Donna Ballast

Documents: None

1. This Subcommittee did not meet.

7e. TR-42.5, Telecommunications Infrastructure Terms ^{3/4} Bob Jensen for Ray Keden

Documents: None

1. The definitions group was active at this meeting in helping resolve ballot comments for SP-4722, SP-4425 and SP-4426. Of the definitions given to TR-42.3 for evaluation, "outlet box" was modified and "consolidation point" was not recommended to be changed (12 to 2). Definitions were given for approximately six terms including terms anticipated for a category 6 standard.

7f. TR-42.6, Telecommunications Infrastructure and Equipment Administration ^{3/4} Mel Lesperance

Documents: None

1. Progress continues with the 606 effort. The Subcommittee reviewed a prepared survey from Mel Lesperance, Ortronics, that is intended to get end-user input to the revised standard.
2. The Subcommittee agreed that issuing a Committee Ballot is the best path to ratifying this standard. However, there was enough concern over the condition of the draft that an interim editorial meeting was proposed after which a committee ballot will likely be requested at the August meeting. Bob Jensen, 3M, offered facilities in Austin, TX for July 11 for the editorial review. Mel Lesperance made a motion to approve the editorial meeting.

Plenary action: The motion was unanimously approved.

7g. TR-42.7, Telecommunications Copper Cabling Systems ^{3/4} Masood Shariff

Documents: TR-42/00-05-023

1. Ballot resolution was held on SP-4426-C regarding 568-B.2. Resolution of comments resulted in the Subcommittee unanimously agreeing to issue an industry 45-day re-ballot of this document. The schedule for the balloting of this document includes to incorporate technical
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changes by July 1, incorporate Task Group recommendations and editing by July 15, send to TIA for ballot closing on September 1, and scheduling an interim meeting to resolve comments on or about September 15. Masood Shariff noted that letters would be sent to the responders of the ballot indicating the disposition of their comments (TR-42/00-05-023). Masood Shariff made a motion to request SP-4425-D be forwarded for industry re-ballot in accordance with the above schedule.

Plenary action: The motion was unanimously approved.

2. TR-42.7 will continue work on the draft of the category 6 standard in order to fill the current gaps. The Subcommittee anticipates asking to ballot this document at the August meeting.

7h. TR-42.8, Telecommunications Optical Fiber Cabling Systems ³/₄ Herb Congdon

Documents: TR-42/00-05-022

1. A letter was recommended to be sent to the US TAG regarding the measuring of connector loss as currently stated in the 11801 draft (TR-42/00-05-022). The letter was revised by the Committee and asks the TAG to adopt the same requirements and performance specifications within Annex A of 568-B.3 in the next revision of ISO 11801. Herb Congdon made a motion to forward the letter to the US TAG.

Plenary action: The motion was unanimously approved.

2. Classes of cabling that are being proposed in the next draft of 11801 was discussed within the Subcommittee. There are no current plans to include classes of cabling within TIA.
3. Herb Congdon announced that Jay Myers, Graybar, has accepted the position of Secretary and EDC for TR-42.8.

7i. TR-42.9, Industrial Telecommunications Infrastructure ³/₄ Bill Sewell

Documents: TR-42/00-05-021

4. A letter was recommended to be sent to various industrial industry associations with regard to the activity in this Subcommittee and soliciting contributions and their participation. The Committee edited the letter. Bill Sewell made a motion to forward the letter to the various industry groups.

Plenary action: The motion was unanimously approved.

8. Liaison reports

1. Liaison reports were given at the Subcommittee meetings. It was noted that ISO/IEC SC25 WG3 will have a June meeting in Norway.

9. Old/New business ³/₄ Paul Kish

9a. Old business

1. Project Tracking System – Bob Jensen

Bob Jensen reported that he made little progress due to other commitments since the last meeting. He plans on having a database that will track each project request with a Gantt Chart.

2. Login to the FTP site – Bob Jensen

Bob Jensen reported that he worked with Stephanie Montgomery of TIA in having our committees being able to obtain all documents with one password. This password is effective with FTP client software, but not from the TIA WEB site. All chairs were notified of the new ID and password in March. Still, some TR-42 members had difficulty uploading and down loading documents from specific Subcommittees. The Subcommittee Chairs will have their EDCs contact TIA to resolve these issues.

9b. New business

1. Reflector access — Mark Maloney

Mark Maloney brought up the issue that he has asked to be on some reflector sites, but has not been added to their lists. Some other members have voice the same concern. Bob Jensen reported that TIA has provided reflectors that individuals can sign themselves on too. Bob will coordinate with the other chairs concerning having each committee using the TIA reflector sites.

10. Meeting schedules

10a. Next meeting ³/₄ Paul Kish/Bob Jensen

August 14-18, 2000

Renaissance Vancouver Hotel
1133 West Hastings Street
Vancouver, BC Canada V6E 3T3
Phone 604/689-9211
FAX 604/689-4358

10b. Future meetings ³/₄ Bob Jensen

- December 4-9 2000Charlotte or Atlanta
 - March 5 to 9, 2001Palm Springs or Pheonix
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11. Adjournment ³/₄ Paul Kish

This meeting was conducted in accordance with TIA Legal Guidelines and Manual of Organization and Procedures.

Paul Kish
TR-42 Chair

Robert Jensen, RCDD
TR-42 Secretary



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 05/19/00

Location: Vienna, VA

Approved: 07/17/00

T# 5070