



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-42 Meeting Report

Date: 10/04/02

Location: Scottsdale, Arizona

Approved: 11/12/02

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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: October 4, 2002

Time: Convene at 10:15 AM; Adjourn approximately 12:00 Noon

Location: Renaissance Scottsdale Hotel Phone (480) 991-1414
 6160 North Scottsdale Rd. FAX (480) 951-3350
 Scottsdale, AZ 85253

1 Administrative

1.1 Call to order

Bob Jensen called the meeting to order at 10:15 AM with a warm welcome to all attendees.

1.2 Attendance (call quorum, introductions, circulate roster)

A total of 16 attendees were present. A quorum was established for the meeting. The attendees introduced themselves and an attendance roster was circulated for participants to sign.

Wayne Larsen	Avaya	wlarsen@avaya.com	972-792-3149
Henry Franc	Bell Canada	henry.franc@bell.ca	416-981-0817
Dave Hess	Berk-Tek, A NEXANS	dave.hess@berktek.com	717-351-9366
Donna Ballast	BICSI	dballast@bicsi.org	512-471-0112
Marilyn Michelson	Business Comm. Svcs.	randm@volcano.net	209-295-3975
Chad Burel	Corning, Inc.	chad.burel@corning.com	828-327-5593
Ray Keden	Erico	rkeden@erico.com	510-633-0411
Bob Jensen	Fluke Networks, Inc.	robert.jensen@flukenetworks.com	512-514-7760
Peter Sharp	Giffels Associates	peter.sharp@giffels.com	416-798-5590
Val Rybinski	Hitachi Cable	vrybinski@hcm.hitachi.com	603-669-4347
Paul Kish	NORDX/CDT	paul.kish@nordx.com	514-822-7404
Bob Lounsbury	ODVA	relounsbury@ra.rockwell.com	440-646-4297
Tom Russell	Quabbin Wire		520-792-4459
Herb Congdon	Tyco Electronics	hvcongdon@tycoelectronics.com	828-464-2165

1.3 Agenda review and approval (-057)

The agenda was unanimously approved with document numbers as modified in -057a.

1.4 Intellectual property rights (early disclosure policy)

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

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, elections

Bob Jensen noted that there was a lot of information to be covered in this meeting including a report on TR-42/US TAG coordination efforts, which is aimed at increased activity with international harmonization. Other items covered during the week included a view of the interactive roles between Subcommittees and the documents they produce, time expended by each Subcommittee, and items covered in the TR-42 report (-076) given at the Tuesday morning Liaison Reports meeting.

1.6 TIA's report

The TIA report was covered in the Liaison Reports meeting and posted as part of contribution -076.

1.7 Distribution of Documents and Contributions

Document Number	Contributor	Affiliation	Subject
TR-42/02-06-057	Bob Jensen	Chair	October 2002 Agenda
TR-42/02-06-058	Herb Congdon	Secretary	June 2002 Meeting Report
TR-42/02-10-059	Stuart Reeves	Krone	Final Draft En50173
TR-42/02-10-060	Bob Jensen	Chair	Liaison Letter to Ideal on Cat 6
TR-42/02-10-061	Herb Congdon	Secretary	Liaison Agenda
TR-42/02-10-062	David Hess	US TAG	Agenda for TAG/TR-42 Meeting
TR-42/02-10-063	Doug Coleman	ICEA	Liaison Letter on Balanced Cabling Environmental Effects
TR-42/02-10-064	Stuart Reeves	ISO/IEC	3McL021CENELEC Approach to Industrial Premises Cabling
TR-42/02-10-065	Stuart Reeves	ISO/IEC	3McL022A CENELEC Industrial Cabling
TR-42/02-10-066	Stuart Reeves	ISO/IEC	3McL023 Modified CENELEC draft E for EN50173-2
TR-42/02-10-067	Stuart Reeves	CENELEC	Oct 2002 CENELEC Liaison Report
TR-42/02-10-068	Bob Jensen	Chair	Engineering Committee Organization
TR-42/02-10-069	Ken Chauvin	ICEA	Liaison Report
TR-42/02-10-070	Bob Jensen	Chair	Liaison letter to IEEE on DTE
TR-42/02-10-071	Bob Jensen	Chair	Table Supporting -070
TR-42/02-10-072	Wayne Larsen	ISO	ISO Liaison Report
TR-42/02-10-073	Ray Keden	ISO	ISO Pathways and Spaces Liaison Report
TR-42/02-10-074	Ray Keden	ISO	Cover letter to -073
TR-42/02-10-075	Chris Di Minico	IEEE	Liaison Report
TR-42/02-10-076	Bob Jensen	Chair	Chair's Report
TR-42/02-10-077	Bob Jensen	TR-42.6	Press Release on Interchange Formats
TR-42/02-10-078	Herb Congdon	TR-42.8	Liaison Letter to ICEA on Drop Cables
TR-42/02-10-079	Val Rybinski	TR-42.7	Liaison Letter to TR-42.9 on Harsh Environments
TR-42/02-10-080	Val Rybinski	TR-42.7	Liaison Letter to ICEA on Environmental Effects
TR-42/02-10-081	Herb Congdon	TR-42.8	October Report Presentation
TR-42/02-10-082	Bob Jensen	TR-42.2	October Report Presentation
TR-42/02-10-083	Bob Jensen	TR-42.6	October Report Presentation
TR-42/02-10-084	Julie Roy	TR-42.1.1	Project Request for Data Center Standard
TR-42/02-10-085	Julie Roy	TR-42.1.1	ANSI PINS Form for Data Center Standard
TR-42/02-10-086	Val Rybinski	TR-42.7	Liaison Letter to TR-42.1, TR-42.2 and TR-42.9 from TR-42.7
TR-42/02-10-087	Peter Sharp	TR-42.9	October Report Presentation
TR-42/02-10-088	Herb Congdon	TR-42.1	October Report Presentation
TR-42/02-10-089	Donna Ballast	TR-42.4	October Report Presentation
TR-42/02-10-090	Paul Kish	Vice-chair	Meeting Schedule for Feb Meeting
TR-42/02-10-091	Peter Sharp	TR-42.9	Liaison Letter to ODVA on Connectors
TR-42/02-10-092	Wayne Larsen	TR-42.7	October Report Presentation
TR-42/02-10-093	Peter Sharp	TR-42.5	October Report Presentation

1.8 Meeting report review and approval, June 2002, Providence, RI (-058)

The June 2002 meeting report was unanimously approved.

2 Old Business

2.1 Action item review – Bob Jensen (-058)

Item #	Action:	Resp:	Status:
2002-02-002	Coordinate TIA and US TAG efforts to include an effort to collect input for the US TAG	Bob Jensen	Completed with scheduled meeting
2002-02-003	Develop a database of Liaison contacts	All (Secretary)	Open

2.2 Liaison letters received – Bob Jensen (-058)

2.2.1 ICEA (-063) –

Reviewed in TR-42.7. A reply letter is noted under the TR-42.7 meeting report section.

2.3 Subcommittee reports

2.3.1 TR-42.1 – Commercial Building Cabling (-088) – Herb Congdon

The TR-42.1 meeting did not meet the administration requirements for an official meeting. Ballot comments for TIA-568-B.1 Addendum 2 and Addendum 4 were reviewed and resolutions developed. TR-42.1.1 submitted the TIA Project Request and ANSI PINS forms and intends to release a PN ballot at the February meeting. The need for an addendum to B.1 on telecommunications enclosures was discussed. The terms “outlet” and “outlet assembly” were discussed and a straw poll indicated support for relegating the resolution to TR-42.5. TR-42.1, TR-42.1.1 and the TR-42.1 Task Group on DTE Power will hold interim meetings before February.

2.3.2 TR-42.2 – Residential Telecommunications Infrastructure (-082) – Bob Jensen

Several contributions were reviewed at this meeting since they were late in coming to the Subcommittee. One controversial issue is over the termination practices used in distribution devices. This issue is over whether an 8-pin plug should be terminated directly on an outlet cable or if it should be terminated on an IDC termination block. The editor will incorporate all contributions into a document and a review will be held around December 1 in preparation for approval to ballot in February.

TR-42.3 – Commercial Building Telecommunications Pathways and Spaces – Ray Keden

Massood Shariff volunteered as Secretary and EDC. The 2nd Committee Ballot for TIA-569-B netted 76 comments. All but one technical comment, concerning power separation, was resolved. A “no-confidence in committee” motion was rejected. The remaining technical comment will be resolved in a Task Group to be chaired by Ray Emplit of Wiremold.

TR-42.4 – Customer-owned Outside Plant Telecommunications Infrastructure (-089) – Donna Ballast

A draft liaison letter to ICEA on drop cables was generated and submitted to TR-42 for approval, and approved for release as -078a. Homework assignments for the second revision of 758 were assigned. An SP ballot release is planned for February.

2.3.5 TR-42.5 – Telecommunications Infrastructure Terms and Symbols (-093) – Peter Sharp

The TR-42.5 meeting did not meet the administration requirements for an official meeting. Terms, symbols and conversion policies brought to TR-42.5 were discussed.

2.3.6 TR-42.6 – Telecommunications Infrastructure and Equipment Administration (-083) – Bob Jensen

A request for symbol input has generated no replies. A press release with a call for interest was prepared and submitted to TR-42 and approved for release as -077a.

2.3.7 TR-42.7 – Telecommunications Copper Cabling Systems (-092) – Valerie Rybinski

A sixth addendum to 568B.2 was started – addressing comments that were tabled for future consideration and a refinement of Annex H and Table E-3 regarding category 6 cabling. A seventh addendum to 568B.2 was started - modifications to B.2 Annex A for non -RJ-45 connecting hardware. Two internal liaison letters (-079, -086) were submitted and approved for distribution through the TR-42 Plenary. A liaison letter to ICEA was submitted to TR-42 and approved for release as -080a. A TSB on mitigating ESD effects is being prepared. The TR-42 Chair advised TR-42.7 and TR-42.9 to cooperate in a positive manner to resolve the issues on copper cabling for the industrial environment. A coordination meeting will be held at the February meeting. Additionally, conference calls will be initiated between the chairs of TR-42.7, TR-42.9 and TR-42 to further coordination between these Subcommittees.

2.3.8 TR-42.8 – Telecommunications Optical Fiber Cabling Systems (-081) – Herb Congdon

The SP ballot for Addendum 3 to 568-B.1 was reviewed, comments resolved and will be released for publication after editorial revisions. TSB136 and TSB140 will both be released for PN ballot after editorial revisions. A draft liaison letter to ICEA on drop cables was generated and submitted to TR-42 for approval, and approved for release as -078a. There was support for defining “outlet” and for letting TR-42.5 define the term. The editorial committees for the two TSBs will hold interim teleconferences before February.

2.3.9 TR-42.9 – Industrial Telecommunications Infrastructure (-087) – Peter Sharp

Homework assignments for the draft document were assigned. A draft liaison letter to ODVA on fiber connectors was generated and submitted to TR-42. The letter was held pending clarification. Bob Jensen will circulate e-mail regarding this letter for subsequent release to ODVA. A draft liaison letter to IEEE was generated and submitted to TR-42. The letter was tabled at this meeting. TR-42.9 will hold an interim meeting before February.

3 New Business

3.1 TR-42/USTAG Meeting – Bob Jensen

Bob Jensen reported on the meeting, which is aimed at closer coordination of TR-42 and the US TAG. He explained that the first endeavor is to work on the industrial cabling standard through a Project Team. The Engineering Committee approved of the effort and on-going work between the two organizations.

4 Next meeting

The next meeting will be:

February 7, 2003

The Embassy Suites Hotel-Miami Airport
3974 N.W. South River Drive
Miami, FL 33142
Phone 305-634-5000
FAX 305-634-0138

4.1 Adjournment

The meeting adjourned at 12:30 PM.

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

5 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).

6 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).

7 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.

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

Bob Jensen; Chair, TR 42.5 Ph: 512-514-7760 robert.jensen@flukenetworks.com

Paul Kish; Vice-chair, TR-42 Ph: 514-822-7404 paul.kish@nordx.com
