



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-42 Meeting Report

Date: 02/08/08

Location: Tampa, FL

Approved: 2/25/08

**T# 10914**

## TR-42/FO-4 CLOSING PLENARY MEETING REPORT

**Organization:**    **Engineering Committee TR-42**                      **Engineering Committee FO-4**  
**Chair:**            **Herb Congdon —**    **Interim Chair: Bob Jensen —**  
                         **Tyco Electronics (336)665-6604**                      **Fluke Networks (512)514-7760**  
**Date:**             **Friday, February 8, 2008**  
**Time:**             **Convene at 8:00 AM; adjourn approximately 12:00 Noon**  
                         **Embassy Suites USF**  
**Location:**        **3705 Spectrum Blvd**  
                         **Tampa, FL 33612**  
                         **Tel: 813-977-7066**

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### **IMPORTANT NOTICE OF PARTICIPATION**

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.

#### **1. Administrative**

**1.1** Call to Order: The meeting was called to order at 8:00AM.

**1.2** Attendance (Introductions; roster; quorum is called only at Closing Plenary):

Attendees introduced themselves and were asked to sign the roster. Quorum was verified by roll call for both TR-42 and FO-4. The following people attended.

<b>Company</b>	<b>Name</b>
Beast Cabling System	G. Bramham
Belden	P. Kish, H. Franc RCDD
dbi (BICSI)	D. Ballast RCDD
Business Comm. Svcs	M. Michelson
C <sup>2</sup> Consulting	J. Roy, RCDD
Commscope	M. Shariff, P. Kolesar
Corning	C. Alley, T. Hansen, C. Kalivoda
Diamond USA, Inc.	A. Whitebook
Experior Photonics	L. Cartellieri
Fiber Source	H. Bodine
Fluke Networks	B. Jensen RCDD
Furukawa	L. Marques
Genesis Cable System	J. Pryma RCDD

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Company	Name
Greenlee Textron	E. Rosenast
Ideal	T. Gibbons
Intertek	V. Stafford
J&M Consulting	J. Jew
JPMorganChase	S. Huffaker RCDD
KITCO	D. Morris RCDD
MC Communication	C. Diminico
NIS	G. Sexton
Noyes	D. Allard
ODVA	B. Lounsbury
OFS	M. Kinard, G. Sandels
Ortronics	J. Myers
Plastic Optical Fiber Trade Org.	P. Plishuk
Siemon	V. Maguire, N. Farfan
SMP Data Communications Inc.	S. Vaden
Sumitomo Electric Lightwave	P. Van Vickle
Superior Essex	P. Fraley, J. Baer
Telcordia Technologies	O. Gebizlioglu
TIA	M. Kramarikova
Tyco	H. Congdon
Wiremold	R. Emplit
Yazaki N. A	T. Robinson

**1.3** Agenda Review and Approval: The meeting agenda from Palm Springs (-003) was approved by acclamation.

**1.4** Intellectual Property Rights Statement (Early Disclosure): 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** Distribution and Numbering of Documents: Documents for the meeting were posted to the FTP folder prior to the meeting.

**1.5.1** Chair's Report; General Items

1.5.1.1. The merger of FO-4 and TR-42 is now official. FO-4 subcommittees are part of TR-42 as follows:

From:	To:
FO 4.1	TR 42.11
FO 4.2	TR 42.12
FO 4.3	TR 42.13
FO 4.5	TR 42.15

1.5.1.2. Election results for TR-42 and FO-4. The following Chairs and Vice-chairs were congratulated:

TR-42: Herb Congdon (Chair) and Bob Jensen (Vice-Chair)  
TR-42.2: John Pryma (Chair) and Ray Emplit (Vice-chair)  
TR-42.6: Steve Huffaker (Chair) and Jonathan Jew (Vice-chair)  
TR-42.8: Bob Jensen (Chair) and Herb Congdon (Vice-chair)  
TR-42.12 (FO 4.2): Mike Kinard (Chair) and Tom Hanson (Vice-chair)  
TR 42.15 (FO-4.5): Lorenz Cartellieri (Interim Chair)

## **2. Old Business**

### **2.1 Liaison letters received since the opening plenary: None**

### **2.2 Subcommittee Reports**

- 2.2.1** TR-42.1 – Commercial Building Cabling – Henry Franc (-026): The TR 42.1 subcommittee completed the TIA-942 Addendum 1 ballot comment resolution, which will result in the approval to have the document go for publication. The plenary motion to publish the ANSI/TIA-942-1 document was seconded and approved by acclamation. The 568-C.0 and C.1 Ballot Comment Resolutions were completed and approved by the subcommittee to release both documents as default ballots. The subcommittee approved a proposal to create an “Environmental Classification (MICE) Tutorial” TSB (-033). The project request was reviewed and the plenary approved the project request by acclamation. The TSB draft is targeted to go out for ballot to close before the June meeting.
- 2.2.2** TR-42.2 – Residential Telecommunications Infrastructure – John Pryma (-027): The subcommittee worked on resolving remaining ballot comments and discussed the SCTE response to the ballot liaison letter with SCTE in attendance. An interim conference call meeting is tentatively scheduled for March 13 to continue with ballot resolution. The subcommittee discussed the issues regarding potential coordination with the draft ISO document. TR 42.2, FO4.2 and FO 4.3 held a join meeting to discuss MDU Standards (-039).
- 2.2.3** TR-42.3 – Commercial Building Telecommunications Pathways and Spaces – Ray Emplit (-028): The TR-42.3 subcommittee completed the ballot comment resolution on the proposed addenda 1 on Industrial pathways and spaces and agreed to wait for the Industrial standard to be closer to finish before going out for ballot again. The subcommittee reviewed a liaison letter received on HVAC requirements in ANSI/TIA-569-B. A task group was formed to address the letter's issues. Additionally an editing group was created to start the work on revising the ANSI/TIA-569-B into a document that will be in line with the 568-C series.
- 2.2.4** TR-42.5 – Telecommunications Infrastructure Terms and Symbols – Paul Kish (-036): Paul reported that the TR-42.5 subcommittee worked on definitions in support for the 568-C series documents and 606 requests. The TR-42.5 subcommittee decided to not go out for PN ballot. They are requesting the members to review the definitions in the working dictionary for consistency.
- 2.2.5** TR-42.6 – Telecommunications Infrastructure Administration – Steve Huffaker (-029): The TR-42.6 subcommittee completed the resolution of the SP-3-4156-RV1 ballot comment and will send the document out for industry ballot (SP). A review of proposed changes for a 606-B revision was presented.
- 2.2.6** TR-42.7 – Telecommunications Copper Cabling Systems – Val Maguire (-030): The subcommittee approved the SP-3-4426-AD-10-D-3 default ballot
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and agreed to release ANSI/TIA/EIA-568-B.2-10 for publication. The plenary motion to publish the SP-3-4426-AD-10-D-3 was seconded and approved by acclamation. The TR-42.7 subcommittee reviewed draft 0.5 of 568-C.2 and agreed to send the draft as a committee ballot (PN). To follow the aggressive schedule on 568-C.2, the committee is planning to hold 3 interim meetings in addition to the 3 regular meetings in 2008. TR-42.7 will hold an interim meeting March 26, 27 and 28 in Santa Barbara, CA to resolve the ballot comments. The second interim meeting is tentatively set for August 5, 6 and 7 in Atlantic City, NJ. The TR 42.7 subcommittee requested TR-42 to consider scheduling four (instead of three) plenary meetings in 2009 (only) as it will not affect the ballot cycle and will alleviate the need for TR 42.7 interim meetings. A straw vote taken among the subcommittee chairs was taken showed 2 subcommittee chairs in favor of 4 meetings and 7 subcommittee chairs in favor of 3 meetings. TR-42 will further consider the request in the next Chairs meeting.

- 2.2.7** TR-42.8 – Telecommunications Optical Fiber Cabling Systems – Bob Jensen (-031): Bob provided an update of 568-C3 draft. Due to significant changes in the nomenclature in 568-C.0 draft, the editor hold the publication of the 568-C.3 draft to make sure consistency between the 568-C series is respected. The subcommittee reviewed a contribution on OM4 optical fiber.
- 2.2.8** TR-42.9 – Industrial Telecommunications Infrastructure – Bob Lounsbury (-032): The TR-42.9 subcommittee started the ballot comment resolution of the committee ballot of TIA-1005. Interim teleconferences will be scheduled on Feb 27 and 28 and March 5 and 6 from 10 am to 2 pm to complete the ballot comment resolution.
- 2.2.9** TR 42.11 (FO-4.1), Optical Fiber Systems, Paul Kolesar (-037): The subcommittee completed comment resolution on TSB-178 and will issue a committee ballot. If no technical changes are introduced, the document will go out for publication. The FOTP-212, IEC 61290-6-1 was re-affirmed. The FOTP-213 (IEC 61290-7-1ed1) was reaffirmed without negative ballot, but received one comment that was resolved in an agreement to initiate an adoption ballot for the latest revision, edition 2, of IEC 61290-7-1. The subcommittee reviewed seven contributions. The subcommittee initiated work for the revision ballot of FOTP-203. The task group chaired by Casey Shaar will continue to operate to coordinate a round robin on measuring encircled flux, see FO41-2008-02-004. The subcommittee appointed Andre Girard as the task group leader chartered to formulate a test procedure and to obtain a project number for a new FOTP for a single-ended PMD measurement for un-amplified links
- 2.2.10** TR 42.12 (FO-4.2), Optical Fibers and Cables, Mike Kinard (-038): FO-4.2 provided an update on the status of several documents. FO-4.2 will issue 6 documents for ballot and approved 2 documents for publication. The subcommittee has two actionable items; one on voting precedence (this issue will be brought to TIA for resolution as TR-42 has no control on this issue) and one on multiple voter possibilities, which will be brought to TIA TSSC for consideration. This group will not meet in June but will reconvene in October. TR 42.2, FO4.2 and FO 4.3 held a join meeting to discuss MDU Standards (-
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039).

**2.2.11** TR-42.13 (FO-4.3), Interconnecting Devices and Passive Components, Greg Sandels (-038): FO-4.3 has two working groups: FO 4.3.1 on Reliability Standards and FO 4.3.2 on Passive Components and Interconnecting Devices. They reviewed multiple contributions. This group will not meet in June but will reconvene in October. TR 42.2, FO4.2 and FO 4.3 held a joint meeting to discuss MDU Standards (-039).

**2.2.12** TR 42.15 (FO-4.5), Fiber Optic Metrology, Lorenz Cartellieri (-040): Three documents will be sent to re-adopt revised IEC standards. A round robin effort on return loss was started on calibration of apex offset measurements for angled polished connectors. The subcommittee reviewed some of the results and a TSB addressing return loss meter calibration issues has been proposed and studied. The TR-42.15 (FO-4.5) was supposed to have elections but had no candidates for the chair or vice-chair positions. L. Cartellieri agreed to remain as interim chair until a new chair can be found.

### **2.3 Proposed changes to TR-42 Operational Guide**

**2.3.1** Proposal for Task Group Operational Guideline: The Chair requested the guidelines be used for Task Groups and Working Groups and for any feedback on the draft OpGuide be provided to Bob Jensen.

### **2.4 Program of Work**

**2.4.1** Reminder that Vice-chairs are responsible for maintaining the entries for their SC: This reminder only applies to the subcommittees TR-42.1 to TR-42.9 at this time.

## **3. New Business & Output Documents**

**3.1** Output documents (other than those approved during Subcommittee reports)

**3.1.1** Contributions to US TAG, IEEE: the ANSI/TIA-568-C.3

**3.2** Other: Subcommittee reports should include RCDD designations next to the full name of the participant to allow the credential recognition.

**3.3** Action items derived from this meeting: None

## **4. Next Meeting (and interim meetings)**

**4.1** Next meeting schedule: Bob Jensen presented the proposed schedule. Some minor modifications were made and the meeting schedule was approved by acclamation.

**4.2** Subsequent meeting locations: June 2-6 in Providence, RI and October 6-10 in Vancouver, BC, Canada or Portland, OR.

## **5. Adjourn: Meeting was adjourned at 10:05 AM.**

**This meeting was conducted in accordance with TIA Legal Guidelines and with 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/>) and the TIA FO4 MAIN FTP site (<http://ftp.tiaonline.org/FO-4/>) before the meeting. For information on how to access the FTP site, contact TIA (Marianna Kramarikova: [mkramarikova@tiaonline.org](mailto:mkramarikova@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 and FO4MAIN 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 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 EDC.

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

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