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Approved by General Counsel

TR-42 Meeting Report

Date(s): 10/01/2012 - 10/01/2012

Location: Philadelphia, PA

Approved: 10/18/2012

MEETING REPORT – OPENING PLENARY

Organization: TIA TR-42 Engineering Committee on Telecommunications Cabling Systems

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

Vice Chair: Valerie Maguire – The Siemon Company, (602) 228-7943

Date: Monday, October 1, 2012

Location: DoubleTree by Hilton Hotel Philadelphia Center City
237 South Broad St
Philadelphia, PA 19107-5686

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1 Administration

1.1 Call to order

Chair Bob Jensen called the meeting to order at 9:02 AM.

1.2 Attendance (introductions, roster)

The attendees introduced themselves and registered attendance using the on-line system. Attendees:

Name	Company
Loni Le Van-Etter	3M Company
Andrew Jimenez	Anixter Inc
Henry Franc	Belden Networks Division
Paul Kish	Belden Networks Division
Julie Roy	CommScope Network Solutions
Masood Shariff	CommScope Network Solutions
Chad Alley	Corning Incorporated
Ward Judson	ERICO Inc
Ray Keden	ERICO Inc
Robert Jensen	Fluke Networks
Cristina Kuniyoshi	Furukawa Industrial S.A.
Michael Ressler	Hitachi Cable America

Aleksandar Opacic	Huber+Suhner
Rich Jones	Ideal Industries
Ed Pivonka	Ideal industries
Jonathan Jew	J&M Consultants, Inc
Stephen Huffaker	JPMorgan Chase & Co
Brian Hanson	Leviton Network Solutions
Brad Woodman	Molex Inc
Dave Hess	Nexans
James Withey	Nexans
Glenn Sexton	Northwest Information Services
Ray Emplit	OBO Bettermann
Mike Kinard	OFS
Sterling Vaden	Optical Cable Corporation
Cindy Montstream	Ortronics
Arnold Offner	Phoenix Contact
Val Maguire	The Siemon Company
Tim West	Superior Essex
Helmut Knehr	Telcordia Technologies
Herb Congdon	TIA
Marianna Kramarikova	TIA

1.3 Agenda review and approval

The meeting agenda (TR42-2012-10-151a) was approved without objection.

1.4 Intellectual property rights (early disclosure policy)

The Chair brought to the attention of the attendees the TIA policy regarding intellectual property rights:

TIA's patent policy can be found in the TIA Engineering Manual (5th 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 of documents and contributions

The following documents were distributed on the TR-42 FTP site:

Document	Title	Company	Contributor
TR42-2012-06-063	TR-41 Incoming Liaison Letter	TR-41	Whitesell
TR42-2012-06-125	Fibre Channel T11.2 Liaison Letter	Fibre Channel T11.2	Palkert
TR42-2012-10-144	TR-41 Incoming Liaison Letter re Improper Citation of Plug and Jack Requirements in Manufacturer Data Sheets	TR-41	Whitesell
TR42-2012-10-150	TR-42.10 Opening Plenary Preview	TR-42.10	Roy
TR42-2012-10-151a	TR-42 Opening Plenary Agenda Philadelphia Oct 1 2012	TR-42	Jensen
TR42-2012-10-153	TR-42.1 Opening Plenary Preview	TR-42.1	Emplit
TR42-2012-10-154	TR-42.2 Opening Plenary Preview	TR-42.2	Emplit
TR42-2012-10-155	TR-42.16 Opening Plenary Preview	TR-42.16	Harger
TR42-2012-10-156	TR-42 Opening Plenary Report	TR-42	Jensen
TR42-2012-10-157	TR-42.6 Opening Plenary Preview	TR-42.6	Huffaker
TR42-2012-10-158	Incoming Liaison from Tri-Services Electrical and Telecommunications Working Group	Tri-Services Electrical and Telecommunications Working Group	Skroban
TR42-2012-10-159	IEC SC86B Liaison Report	US TAG	Swanson
TR42-2012-10-160	Fibre Channel Liaison Report	Corning	Swanson
TR42-2012-10-161	TR-42.9 Opening Plenary Preview	TR-42.9	Woodman
TR42-2012-10-162	TR-42.7 Opening Plenary Preview	TR-42.7	Vaden
TR42-2012-10-163	TR-42.11 Opening Plenary Preview	TR-42.11	Kolesar
TR42-2012-10-164	TR-42.3 Opening Plenary Preview	TR-42.3	Franc
TR42-2012-10-165	Network Security Task Group Report	TR-42 Network Security Task Group	Shariff
TR42-2012-10-168	IEC SC86C Liaison Report	US TAG	Pondillo
TR42-2012-10-169a	TIA Report	TIA	Kramarikova
TR42-2012-10-170	BICSI Standards Committee Liaison Report	BICSI	Silveira
TR42-2012-10-171	TR-42.12 Opening Plenary Preview	TR-42.12	Kinard
TR42-2012-10-172	IEC SC86A Liaison Report	US TAG	Kinard
TR42-2012-10-173a	IEEE 802.3 Liaison Report	IEEE 802.3	
TR42-2012-10-174	TR-42.13 Opening Plenary Preview	TR-42.13	Knehr
TR42-2012-10-175	TR-42.5 Opening Plenary Preview	TR-42.5	Kish
TR42-2012-10-176	ISO IEC JTC1 SC25 WG3 Liaison Report	US TAG	Hess

1.6 Chair's report and general items

1.6.1 Passing of former members

Mike Kinard reported on the passing of two former TR-42 (FO-4) members:

- Art Hudson, formerly of the Department of Defense, on September 23, 2012
- Eric Loytty, formerly of Siecor, on September 23, 2012.

Mr Kinard noted that both had made significant contributions to the development of TIA standards.

1.6.2 Illness of former member

Ed Pivonka reported on the recuperation of former TR-42 member Dan Payerle. The thoughts and prayers of TR-42 members are with Dan during his recovery. Those wishing to contact Dan can obtain his contact information from Mr Pivonka.

1.6.3 Chair's report

Chair Bob Jensen presented the Chair's Report (TR42-2012-10-156). Mr Jensen noted that a requested change to the meeting schedule for June, 2013, would be discussed at the closing plenary meeting on October 5.

2 Old business

2.1 Liaison letters received

2.1.1 TIA TR-41

2.1.1.1 6-position and 8-position modular jacks and plugs

Chair Bob Jensen reminded the Committee that a liaison letter had been received from TR-41 (TR42-2012-06-063) concerning 6-position and 8-position modular jacks and plugs. Mr Jensen suggested that TR-42.2 and TR-42.7 should review the letter.

2.1.1.2 References to ANSI/TIA-1096-A

Chair Bob Jensen reported that a liaison letter had been received from TR-41 (TR42-2012-10-144) regarding improper references for modular connector requirements. The letter states that some manufacturers are improperly referencing Part 68, Subpart F of the FCC rules (which no longer exist) instead of ANSI/TIA-1096-A. Mr Jensen suggested that subcommittees should review their standards to ensure the proper reference is made.

2.1.2 Fibre Channel T11.2

Chair Bob Jensen reported that a liaison letter had been received from Fibre Channel T11.2 (TR42-2012-06-125) requesting that TR-42.12 investigate development of an optical fiber for 28 Gbaud line rate (and other speeds). Mr Jensen referred the letter to TR-42.12 for response.

2.1.3 Tri-Services Electrical and Telecommunications Working Group

Chair Bob Jensen reported that an email had been received from the Tri-Services Electrical and Telecommunications Working Group (TR42-2012-10-158) concerning the new terminology in

ANSI/TIA-569-C and confusion about the movement of some pathways and spaces requirements to ANSI/TIA-568-C.1-1. Mr Jensen referred the email to TR-42.3 for response.

2.2 Liaison reports

2.2.1 IEEE 802.3

Paul Kish presented TR42-2012-10-173a.

2.2.2 ISO/IEC JTC 1/SC 25/WG 3 (US TAG)

Dave Hess presented TR42-2012-10-176.

Ray Keden provided additional information on the new work item request in WG 3 for a standard for equipotential bonding and earthing (grounding). The preliminary draft for this standard is based on a (published) CENELEC standard on the same topic. The US delegation approved the work item but requested that material be included from ANSI/TIA-607-B and (draft) ANSI/TIA-607-B-1. At the WG 3 meeting in September, an ad hoc group had been formed to consider this additional content. The ad hoc group met and resolved to change the title of the standard to cover only bonding since there was no content specific to grounding in the draft. Material related to grounding from the TIA documents will be considered for inclusion in an informative annex. The ad hoc group will meet November 12 – 13 in Frankfurt, Germany, and in January or February, 2013, in the US.

2.2.3 ODVA/SC65C JWG 10

There were no reports for ODVA or IEC SC65C.

NOTE – Liaison reports for ODVA and IEC SC65C JWG 10 were received later in the week and were posted to the TR-42 FTP site as documents TR42-2012-10-178 and TR42-2012-10-177, respectively.

2.2.4 IEC SC86A

Mike Kinard presented TR42-2012-10-172. Mr Kinard added that a joint working group had been established with IEC SC86C for hybrid cables.

2.2.5 IEC SC86B

TR42-2012-10-159 was posted to the TR-42 FTP site but was not reviewed at this meeting.

2.2.6 IEC SC86C

TR42-2012-10-168 was posted to the TR-42 FTP site but was not reviewed at this meeting.

2.2.7 Fibre Channel

There was no liaison report for Fibre Channel. TR42-2012-10-160 was posted to the TR-42 FTP site noting the liaison letter received.

2.2.8 SCTE

There was no SCTE liaison report.

2.2.9 BICSI

Ray Emplit presented TR42-2012-10-170.

2.2.10 NFPA

Bob Jensen reported that there were no major changes from Panel 16 for the 2014 *National Electrical Code*[®].

Ray Keden reported that action in Panel 3 will add requirements for cable routing assemblies to the code.

2.2.11 TIA

Marianna Kramarikova presented TR42-2012-10-169a. Ms Kramarikova also demonstrated a new feature of the TIA web site which allows members to register for multiple meetings at one time.

3 New business & output documents

3.1 Subcommittee work items for this week

3.1.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Ray Emplit presented TR42-2012-10-153.

3.1.2 TR-42.2 – Residential Telecommunications Infrastructure

Ray Emplit presented TR42-2012-10-154. A revised report, which fixed an incorrect subcommittee name on one slide, was posted to the TR-42 FTP site after the meeting as document TR42-2012-10-154a.

3.1.3 TR-42.3 – Telecommunication Pathways and Spaces

Henry Franc presented TR42-2012-10-164. Mr Franc added that the Subcommittee would also review the incoming email from the Tri-Services Electrical and Telecommunications Working Group (see 2.1.3).

3.1.4 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Paul Kish presented TR42-2012-10-175.

3.1.5 TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Steve Huffaker presented TR42-2012-10-157.

3.1.6 TR-42.7 – Telecommunications Copper Cabling Systems

Sterling Vaden presented TR42-2012-10-162. Mr Vaden added that the two liaison letters from TR-41 (see 2.1.1) would be reviewed by the Subcommittee.

3.1.7 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2012-10-161.

3.1.8 TR-42.10 - STEP™

Julie Roy presented TR42-2012-10-150.

3.1.9 TR-42.11 – Optical Fiber Systems

Mike Kinard presented TR42-2012-10-163.

3.1.10 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2012-10-171.

3.1.11 TR-42.13 – Passive Optical Devices and Fiber Optic Metrology

Helmut Knehr presented TR42-2012-10-174.

3.1.12 TR-42.16 – Premises Bonding and Grounding

Rich Jones presented TR42-2012-10-155.

3.2 Output documents to be reviewed at the closing plenary

This topic was deferred to the closing plenary.

3.3 Proposed changes to TR-42 operational guidelines

Chair Bob Jensen reviewed the options for determining whether a simple majority or a greater majority should be required for project approval and general administrative items. This issue will be discussed in the closing plenary.

3.4 Other

3.4.1 “D” series planning

The Chair requested that subcommittees with responsibility for parts of ANSI/TIA-568-C begin work on the next revision. Subcommittees with responsibility for other standards should consider the impact of this work.

3.4.2 Network Security Task Group

Masood Shariff presented TR42-2012-10-165. Mr Shariff added that the next teleconference for the Task Group would be held October 24 from 2:00 – 3:00 PM EDT.

Committee Chair Bob Jensen requested that the Task Group recommend at the February meeting which subcommittee would best serve as the home for its work.

3.4.3 ANSI presentation

Chair Bob Jensen reminded members that George Gulla of ANSI would be giving a presentation about the importance of standards development on Tuesday, October 2, from 6:00 – 7:00 PM.

3.5 Action items derived from this meeting

Chair Bob Jensen requested that subcommittees forward any outgoing liaison letters to Vice Chair Valerie Maguire for consideration at the closing plenary.

4 Next meeting (and interim meetings)

Upcoming meeting dates and locations:

- February 4 – 8, 2013, in Palm Springs, CA, or Scottsdale, AZ (tentative).
- June 3 – 7, 2013, in Portland, OR (tentative – date change to be considered at closing plenary – see 1.6.2).
- October 7 – 11, 2013 in Washington, DC, area (with TIA 2013).

5 Adjournment

The meeting was adjourned at 11:44 AM.

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 TR42.3 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 TR-42 FTP site within one week of meeting adjournment.

Questions and comments on this meeting report should be submitted in writing to:

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Valerie Maguire, Vice Chair, TR-42	valerie_maguire@siemon.com	(602) 228-7943
Ray Emplit, Secretary & EDC, TR-42	ray@obous.com	(610) 273-2648