

Approved by General Counsel

TR-42 Meeting Report

Date(s): 06/17/2016 - 06/17/2016

Location: Portland, OR

Approved: 06/27/2016

MEETING REPORT – CLOSING PLENARY

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

Chair: Ray Emplit, Harger Lightning and Grounding, (610) 273-2648

Vice Chair: Greg Sandels, OFS, (770) 798-2036

Date/Time: Friday, January 29, 2016, 8:00 AM – noon

Location: Embassy Suites Portland Washington Square
9000 SW Washington Square Rd
Tigard, OR 97223

1 Administration

1.1 Call to order

The chair, Ray Emplit, called the meeting to order at 8:00 AM

Attendees were advised of the Important Notice of Participation

IMPORTANT NOTICE OF PARTICIPATION

Participation in, or attendance at, any activity of a TIA Formulating Group or any subelement thereof, constitutes acceptance of and agreement to be bound by all provisions of the current TIA Procedures for American National Standards (PANS) and the TIA Engineering Committee Operating Procedures (ECOP) 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 the head of the TIA Standards Department on a case-by-case basis.

1.2 Attendance (quorum, introductions, electronic roster)

The attendees introduced themselves and registered attendance using the on-line system. Quorum was verified by roster call. Attendees:

Attendee	Company	Attendee	Company
Keller, David	Berk-Tek	Woodman, Brad	Molex Inc.
Larsen, Wayne	CommScope	Forbes, Diane	Northwest Info Svcs
Hess, Dave	CORD DATA	Sexton, Glenn	Northwest Info Svcs
Alley, Chad	Corning	Kinard, Michael	OFS
Withey, James	Fluke Networks	Sandels, Greg	OFS
Kuniyoshi, Cristina	Furukawa	Borgman, Michael	Panduit Corp
Emplit, Ray	Harger, Inc.	Born, Steve	Superior Essex
Cornelison, Ken	Hitachi	Vaden, Sterling	Surtec Industries
Schmalzigaug, Thomas	Huber+Suhner AG	Ehredt, Allen	Telegartner
Jew, Jonathan	J&M Consultants	Valentukonis, David	The Siemon Co
Fitzmaurice, Keith	JPMorgan Chase	Mitcheltree, Tom	US Conec

Montstream, Cindy	Legrand	Dupuis, Marc	Web Industries
Dearing, Mark	Leviton		

1.3 Approval of agenda

The meeting agenda (TR42-2016-06-067a) was reviewed. The chair proposed new items for a review of the NFPA NITMTM vote, an incoming liaison letter from IEE 802.3bz, and the TIA report and ANSI audit discussion deferred from the opening plenary meeting. The meeting location for the February, 2017, meeting was corrected. The revised agenda was approved without objection and posted to the FTP site after the meeting.

1.4 Intellectual property rights statement (early disclosure policy)

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

TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.

1.5 Distribution of documents and contributions

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

Document #	Title	Company	Contributor
2016-01-046	TR-42 Closing Plenary Meeting Report New Orleans	TR-42	Jew
2016-06-067b	TR-42 Closing Plenary Agenda Portland	TR-42	Emplit
2016-06-089	TR-42.1 Closing Plenary Review	TR-42.1	Franc
2016-06-090	TR-42.3 Closing Plenary Review	TR-42.3	Montstream
2016-06-091	TR-42.5 Closing Plenary Review	TR-42.5	Forbes
2016-06-092	TR-42.6 Closing Plenary Review	TR-42.6	Jew
2016-06-093	TR-42.7 Closing Plenary Review	TR-42.7	Larsen
2016-06-094	TR-42.9 Closing Plenary Review	TR-42.9	Lounsbury
2016-06-095	TR-42.10 Closing Plenary Review	TR-42.10	Sexton
2016-06-096	TR-42.11 Closing Plenary Review	TR-42.11	Kolesar
2016-06-097b	TR-42.12 Closing Plenary Review	TR-42.12	Kinard
2016-06-098	TR-42.13 Closing Plenary Review	TR-42.13	Sandels
2016-06-099	TR-42.16 Closing Plenary Review	TR-42.16	Harger
2016-06-103	BICSI NITMAM Administrative Ballot Summary	TR-42	Emplit
2016-06-104	TSB-184-A to IEC TC46 SC46C WG7 Administrative Ballot Summary	TR-42	Emplit

2016-06-105	Informal Communication from 802.3bz	IEEE 802.3bz	Chalupsky
2016-06-106	IEEE P802.3bz Draft 3.1	IEEE 802.3bz	Chalupsky

1.6 Meeting report review and approval (TR42-2016-01-046)

The meeting report from the January, 2016 meeting in New Orleans was approved without objection.

1.7 Review of administrative ballots conducted since the January meeting (TR42-2016-06-103 & TR42-2016-06-104)

The chair reviewed the results of the administrative ballot regarding the following liaison letters:

- TR-42 liaison in support of the BICSI NITMAMs 79, 84 and 85 to the 2017 NEC
- TR-42 liaison to IEC TC 46/SC 46C/WG7 with the latest draft of TSB-184-A

1.7.1 Results of NITMAM in NFPA Meeting in Las Vegas

The NITMAM failed at the NFPA meeting in Las Vegas:

2 Old business

2.1 Liaison letters received since the opening plenary

An informal communication from IEEE 802.3bz and IEEE P802.3bz draft 3.1 (2016-06-105 and 2016-06-106) were received since the opening plenary

2.2 TR-42 program of work: status of online tools

Ray Emplit reviewed the status of online tools for tracking the TR-42 program of work. There has not been any progress regarding this as TIA has outsourced its IT functions. Germaine volunteered to create a spreadsheet to track the TR-42 program of work with the assistance of Dave Hess.

2.3 Subcommittee reports and plenary action

2.3.1 TR-42.1 – Generic Telecommunications Cabling and Premises Cabling

Diane Forbes and Jonathan Jew presented TR42-2016-06-089 on behalf of Henry Franc.

TIA-5018 DAS standard was approved for publication because the default ballot closed without a negative or technical comment.

The first industry ballot will be issued for TIA-1179-B Healthcare.

Comment resolution on TIA-942-B was not completed and will continue with two interim conference calls – July 14 and July 21 from 11 am to 1 pm EST.

The subcommittee will be starting work on addenda to TIA-568.0-D and TIA-568.1-D based on activities in other subcommittees (primarily TIA-568.3-D and Category 8). The initial work will be mock ballots within the subcommittee. PARs for these two projects will be completed later.

2.3.2 TR-42.3 – Telecommunications Pathways and Spaces

Cindy Montstream presented TR42-2016-06-090.

The subcommittee approved a project request for TIA-569-D-1 Revised Temperature & Humidity Requirements for Telecommunications Spaces to harmonize with the ASHRAE Thermal Guidelines, 4th edition. Ray Emplit was appointed the editor. The subcommittee also authorized an industry ballot with comments to be resolved at the next meeting.

The subcommittee approved a project request for TIA-569-D-2 Pathways & Spaces for Remote Powering. Ward Judson was appointed the editor. The subcommittee also authorized a committee ballot with comments to be resolved at the next meeting.

2.3.3 TR-42.5 – Telecommunications Infrastructure Terms and Symbols

Diane Forbes presented TR42-2016-06-091.

2.3.4 TR-42.6 – Telecommunications Infrastructure and Equipment Administration

Jonathan Jew presented TR42-2016-06-092

The subcommittee issued a project request for TIA-606-C with Jonathan Jew as editor. The subcommittee also authorized a committee ballot with comments to be resolved at the next meeting.

2.3.5 TR-42.7 – Telecommunications Copper Cabling Systems

Wayne Larsen presented TR42-2016-06-093.

Wayne Larsen reported that ANSI/TIA-568-C.2-1 category 8 was approved for publication.

TR-42.7 authorized a mock ballot for ANSI/TIA-568.2-D to be launched around mid-August.

TR-42.7 does not plan any additional interim meetings.

2.3.6 TR-42.9 – Industrial Telecommunications Infrastructure

Brad Woodman presented TR42-2016-06-094 on behalf of Bob Lounsbury.

2.3.7 TR-42.10 - Sustainable Information Communications Technology

Glenn Sexton presented TR42-2016-06-095.

2.3.8 TR-42.11 – Optical Fiber Systems

Mike Kinard presented TR42-2016-06-096 on behalf of Paul Kolesar.

ANSI/TIA-568.3-D was approved for publication.

TR-42.11 will not meet during the October 2016 meeting in Philadelphia due to a conflict with the IEC 86 meeting.

2.3.9 TR-42.12 – Optical Fibers and Cables

Mike Kinard presented TR42-2016-06-097b.

Documents approved for publication:

- TIA-492AAAE, wideband multimode fiber
- FOTP-25, TIA-455-25D, cable impact test
- FOTP-104, TIA-455-104A, cable cyclic flex test
- FOTP-234, change of temperature, fiber (revision)
- FOTP-56, fungus resistance, reaffirmation.

New projects:

- FOTP-95, absolute power
- FOTP-111, fiber curl

TR-42.12 will not meet during Oct 2016 TR-42 meeting in Philadelphia due to a conflict with the IEC 86 meeting.

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

Greg Sandels presented TR42-2016-06-098.

TR-42.13 will not meet during Oct 2016 TR-42 meeting in Philadelphia due to a conflict with the IEC 86 meeting.

2.3.11 TR-42.16 – Premises Bonding and Grounding

Cindy Montstream presented TR42-2016-06-099 on behalf of Mark Harger.

TR-42.16 approved an Errata to TIA-607-C to fix a typo.

TR-42.16 approved a project request for TIA-607-C-1 bonding and grounding systems for MDUs with Ray Emplit as editor. A committee ballot will be issued with comments to be resolved at the next meeting.

2.4 Other old business

Germaine Palangdao discussed the requirements for the 2017 ANSI Audit – all documentation from 2012 through 2017 will be reviewed, in particular, ballot comment resolutions, agenda, and meeting reports. All project initiations and ballots must appear on agenda.

3 New business and output documents

3.1 Output documents

3.1.1 US TAG to ISO/IEC JTC 1/SC 25/WG 3

- Draft ANSI/TIA-569-D-1 Revised Temperature & Humidity Requirements
- Draft TSB-184-A, remote powering

- Draft TSB-5021, support of 2.5G and 5GBase-T using Cat 5e and Cat 6 cabling

3.1.2 IEEE 802.3 and other SDOs

The following documents were approved to be sent to IEC TC 46 WG 9 (field testing of cable assemblies)

- TSB 1152-A, cat 8 field testing
- TIA-1183-A from this meeting

The following document was approved to be sent to IEC SC46C

- TIA-1183-A from this meeting

The following documents were approved to be sent to IEEE 802.3

- TSB-184-A draft from this meeting (for IEEE 802.3bt project)
- TSB-5021 draft from this meeting (for IEEE 802.3bz project)

3.1.3 Other output documents

Outgoing Liaisons approved:

Liaison letters for transmission of documents to IEEE 802.3 and other SDOs.

The subcommittee unanimously agreed to empower Ray Emplit and Greg Sandels to draft and send a liaison to IEEE 802.3 regarding the amendment to FOCIS 18 to include APC geometry in response to their request to improve return loss for array connectors.

3.2 Other new business

There was no new business.

3.3 Action items derived from this meeting and held over from previous meetings

- Ray Emplit to review the adequacy of the current TIA reporting system to be used as program of work. See 2.2 above.
- Germaine to investigate the options if we are unable to meet our obligation regarding the number of registered hotel guests. Resolved by having February meeting in Philadelphia.
- Ray Emplit and Germaine Palangdao to investigate options to provide FTP access for non-TIA member Task Group participants. This item is resolved by the response below.
 - o Germaine Palangdao can set up access to a temporary FTP folder on a case-by-case basis upon request by providing her with the location of the temporary folder, and the contact information for the persons that require access. The temporary folder should be created for this purpose and be removed afterward.
- Wayne Larsen to draft a liaison letter to the chair of IEC TC 86 to request that they schedule their meetings at least a year in advance to avoid scheduling conflicts with TIA. The letter will be reviewed and approved by a ballot to be circulated before the October TR-42 meeting.

4 Upcoming meetings

4.1 Next meeting

The next TR-42 meeting will be October 3 – 7, 2016 in Philadelphia, PA.

4.2 Subsequent meetings

- February 6 – 10, 2017: Philadelphia, PA, meeting notice available
- June 12 – 16, 2017: Toronto, Quebec, Montreal (tentative)
- Sept 18 – 22, 2017: Las Vegas (the week before the BICSI meeting in Las Vegas and after the ISO/IEC WG 3 meeting, TIA not to book hotel until after the October 2016 meeting)

4.3 Meeting schedule for next meeting

The Committee discussed the draft schedule for the next meeting - it will be handled by correspondence.

5 Adjournment

The meeting was adjourned at 9:44 AM.

This meeting was conducted in accordance with the TIA Legal Guidelines and the engineering procedures.

AVAILABILITY OF MEETING DOCUMENTS:

All meeting attendees are instructed to download contributions and other meeting documents from the TIA TR42 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 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 agenda should be submitted to:

Ray Emplit, Chair	remplit@harger.com	(610) 273-2648
Greg Sandels, Vice Chair	gsandels@ofsoptics.com	(770) 798-2036
Jonathan Jew, EDC & Secretary	jew@j-and-m.com	(415) 292-7734