



Telecommunications Industry Association

1310 North Courthouse Road, Suite 890
Arlington, VA 22201 | www.tiaonline.org

Approved by General Counsel

TR-42.3 Subcommittee on Pathways, Spaces, Bonding and Grounding

Meeting Date: 16 June 2021

Location: Teleconference

Approved: 28 June 2021



Meeting Report

TR-42.3 Subcommittee

Telecommunications Administration, Pathways, Spaces, Bonding and Grounding

Date: June 16, 2021
 Time: 8:00 AM -11:00 AM CDT
 Location: Virtual GoToWebinar
 Chair: Cindy Montstream - Legrand
 Vice Chair: Jonathan Jew - J&M Consultants

1. Administrative/General Business

1.1. Call to Order

The chair, Cindy Montstream called the meeting to order at 8:01 AM CDT

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.

TIA is actively seeking participation in TR-42 standards projects from the user and general interest communities.

1.2. Attendance (Call Quorum, Introductions, Roster)

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

Last Name	First Name	Organization	Last Name	First Name	Organization
Ahmed	Adnan	R&M	Jones	Cameron	ODVA/Rockwell
Born	Steve	Superior Essex	Kuniyoshi	Cristina	Furukawa
Carbonneau	Sam	Burndy	Larsen	Wayne	CommScope
Cornelison	Ken	Hitachi	Lenz	Sean	Panduit
Ehredt	Al	Telegartner	Maguire	Valerie	The Siemon Co
Emplit	Ray	Harger	Montstream	Cindy	Legrand

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Forbes	Diane	NIS	Payton	Scott	Global Data Ctr Eng
Franc	Henry	Belden	Poulsen	Jeffrey	Leviton
Gallo	Ernie	Ericsson	Shuman	Brian	Belden
Hess	Dave	Cord Data	Winston	William	Fluke
Jallo	Tom	Softing	Woodman	Brad	Molex
Jew	Jonathan	J&M Consultants			

1.3. Current Meeting Agenda Review and Approval

The meeting agenda (TR423-2021-06-008) was approved without objection

1.4. Previous Meeting Report Review and Approval

The previous meeting report (TR423-2021-02-007) was approved without objection

1.5. TIA Intellectual Property Rights (Early Disclosure Policy)

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

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. Participants in the work of the TIA Formulating Groups are urged to review the appropriate sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication, including requirements introduced through normative references, early on in the development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with a TIA Patent Holder Statement with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.

1.6. Distribution of documents and contributions

The following documents were distributed on TIA Connect in the TR-42.3 Commercial Building Telecommunications Pathways and Spaces community, under Documents, in the TR-42.3 Commercial Building Telecommunications Pathways and Spaces/2021 Meetings/2021-06-Virtual folder



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Document #	Title	Company	Contributor
2021-02-007	Report Feb 2021 Virtual Meeting	TR-42.3	Jew
2021-06-008	Notice & Agenda June 2021 Virtual Meeting	TR-42.3	Montstream
2021-06-009	Results of Adoption Ballot for TIA-5048-1	TR-42.3	Jew
2021-06-010a	TIA-606-D 1 st Industry Ballot Comment Resolutions	TR-42.3	Jew
2021-06-011a	TIA-607-D-1 Industry Ballot Comment Resolutions	TR-42.3	Emplit
2021-06-012	TR-42 Liaison to ASHRAE TC 9.9	TR-42.3	Jew
2021-06-013	New NEC Article Impact on TIA-607 Contribution	TR-42.3	Montstream

1.7. List of Standards and TSBs from Subcommittee

Document	Title	Date of Revision	Current Status
ANSI/TIA-569-E	Telecommunications Pathways And Spaces	2019	Published
ANSI/TIA-606-C	Administration Standard For Telecommunications Infrastructure	2017	Published
ANSI/TIA-606-D	Administration Standard For Telecommunications Infrastructure	2021	1 st Industry ballot
ANSI/TIA-607-D	Generic Telecommunications Bonding And Grounding (Earthing) For Customer Premises	2019	Published
ANSI/TIA-607-D-1	Generic Telecommunications Bonding And Grounding (Earthing) For Customer Premises- Addendum 1	2021	1 st Industry ballot
ANSI/TIA-5048	Automated Infrastructure Management (Aim) Systems- Requirements, Data Exchange and Applications	2017	Published
ANSI/TIA-5048-1	Automated Infrastructure Management (Aim) Systems- Requirements, Data Exchange and Applications – Addendum 1	2021	Approved for publication

1.8. Chair's Report and General Items

1.8.1. TR-42 Opening Plenary Report

TR-42 and all subcommittees including TR-42.3 has been converted from the old website, email reflector, and FTP site to TIA Connect <https://connect.tiaonline.org/home>.

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The new TR-42.3 email reflector is TIA-TR423@ConnectedCommunity.org email notifications to your business/personal email accounts do not include the attachments. Email attachments can be retrieved from TIA Connect.

2. Old Business

2.1. ANSI/TIA-5048-1 Automated Infrastructure Management Amendment 1 on Remote Powering

Jonathan Jew reviewed the results of the adoption ballot for TIA-5048-1 (TR423-2021-06-009) that adds support of remote powering to the AIM standard.

The approval ballot passed with no negative ballots or comments. The adopted ISO/IEC 18598-1 and TIA-5048-1 are both published.

2.2. ANSI/TIA-606-D draft – Revision of TIA-606 Administration

TR-42.3 resolved industry ballot comments for the 1st industry ballot of TIA-606-D. The resolved comments were posted as 2021-06-010a.

TR-42.3 unanimously approved a 2nd industry ballot.

2.3. ANSI/TIA-607-D-1 draft – Bonding & Grounding Amendment 1 Harmonization with TIA-222

TR-42.3 resolved industry ballot comments for the 1st industry ballot of TIA-607-D-1. The resolved comments were posted as 2021-06-011a.

TR-42.3 unanimously approved publication

2.4. Other

There was no other old business.

3. New Business

3.1. TR-42 Liaison to ASHRAE TC 9.9 (TR423-2021-06-012)

ASHRAE TC 9.9 published a revision to ASHRAE Thermal Guidelines for Data Processing Environments, which is referenced by TIA-569. We have been recommended by an ASHRAE officer to review the revision.

TR-42.3 reviewed and unanimously approved a proposed liaison letter from TR-42 to ASHRAE TC 9.9 requesting a copy of the 5th edition of the ASHRAE Thermal Guidelines for Data Processing Environments.



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3.2. New NEC Article Impact on TIA-607 Contribution (TR423-2021-06-013)

Cindy Montstream reviewed her contribution about the impact of interpretation on a new NEC article 250.121(b) on the validity of ANSI/TIA-607.

TR-42.3 agreed to send a liaison letter to the NFPA NEC committee for clarification and issue a clarification that TIA-607 does not cover equipment grounding conductors.

Cindy Montstream will provide a draft of the liaison letter at the closing plenary for approval.

3.3. Other new business

There was no other new business.

4. Action Items

- Jonathan Jew to request reapproval from TIA Legal of the text used in TIA-606-B and TIA-606-C for the use of NetZoom stencils in TIA-606-D. Task complete – email from TIA confirming TIA Legal Approval posted as TR423-2021-06-016
- Jonathan Jew to issue 2nd industry ballot for TIA-606-D.
- Ray Emplit edit TIA-607-D-1 and work with Cindy Montstream to issue the publication approval for TIA-607-D-1.
- Cindy Montstream to draft liaison letter to NFPA requesting clarification regarding interpretation of the new article copying Ernie Gallo (ernest.gallo@ericsson.com) who participates in NFPA.
- Forward liaison to ASHRAE to TR-42 to be reviewed in Opening Plenary as TR42-2021-06-096
TR-42 Liaison to ASHRAE TC 9.9.

5. Upcoming Meetings

5.1. Next meeting

- October 18-22, 2021- Virtual

6. Adjournment

The meeting was adjourned at 9:21 am CDT

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

AVAILABILITY OF MEETING DOCUMENTS TO NON-MEMBERS:

All TIA non-members can download contributions and other meeting documents before the meeting by accessing the following TR-42.3 Standalone Library:

<https://connect.tiaonline.org/communities/community-home/librarydocuments?LibraryKey=3EAA9087-C7B2-4503-9DFB-C3787088B28D>

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AVAILABILITY OF MEETING DOCUMENTS:

TR-42 members/participants are instructed to download contributions and other meeting documents from TIA Connect (connect.tiaonline.org) before the meeting.

To access the meeting's contributions, please follow the directions below:

- Go to connect.tiaonline.org
- Enter your *Username* (your email address in the TIA database)
- Enter your *Password*
- Click "LOGIN"
- Click the "Communities" tab and then select "All My Communities"
- Scroll down the page and select "TR-42.3 Commercial Building Telecommunications Pathways and Spaces"
- Click on "Documents" and then select the "2021-06 Virtual" folder

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 TIA Connect under the Standards Procedures Toolbox tab in the Form folder 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 appropriate TIA Connect folders by the EDC as soon after receipt as possible, preferably within one business day. All contributions shall be posted to the appropriate location on TIA Connect 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 provided to the EDC within 24-hours of the meeting shall be classified as "late contributions." They may be considered in the meeting to which they are addressed at the discretion of the chair. All late contributions shall be provided to the EDC and to the committee members on a memory stick or other electronic media. All late contributions shall be posted to TIA Connect within one week of meeting adjournment.

Questions and comments on this agenda should be submitted to:

Cindy Montstream, Chair	cindy.montstream@legrand.us	(860) 208-5261
Jonathan Jew, Vice-Chair	jew@j-and-m.com	(415) 515-4304

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