



Telecommunications Industry Association

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Arlington, VA 22201 | www.tiaonline.org

Approved by General Counsel

TR-42.1 Subcommittee on Premises Telecommunications

Infrastructure

Meeting Date: 08 February 2024

Location: Charleston, SC

Approved: 26 February 2024



Meeting Report

TIA TR-42.1 Subcommittee on Premises Telecommunications Infrastructure

Date & Time: Thursday, February 8, 2024: 8:00 am – 3:30 pm ET

Location: Hybrid: Charleston, SC / GoToWebinar

Chair: Cindy Montstream – Legrand, 860-208-5261

Vice-Chair: Diane Forbes – NIS, 503-246-8585

1. Administration/General Business

1.1 Call to order

The chair called the meeting to order at 8:00am on Thursday, February 8, 2024.

The chair called attention to the important notice of participation.

TIA IMPORTANT NOTICE OF PARTICIPATION

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of an agreement to be bound by all provisions of TIA Standards Development Procedures 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 (Call Quorum, Introductions, Electronic Roster)

Quorum is achieved with 22 of 29 companies in attendance. Attendees are as follows:

Jeff Drenovsky	ESD	Fabianne Henriques	Furukawa
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Rob Aekins	Legrand		Jack Pyne	EPI
Juan Pablo Aguilar	Day2 Consultores		Jonathan Jew	J&M Consulting
Al Ehredt	Telegartner		Jim Gilbert	DXC
Andy Jiminez	Wesco		Anand Kumar	Rittech
Angela Lambert	Corning		MV Patil	Data Center Media
Antoine Pelletier	Intertek		Andrew McElroy	Harger
Suren Babu	Panduit		Miguelangel Ochoa	Ittera
Ron Tellas	Belden		Moises Levy	DC Metrix
Brad Woodman	Molex		Nash Martis	Morrison Hershfield
Brian Shuman	Shuman		Patrick Mahoney	AECOM
Cheryl Thibideau	TIA		Jacquelynn Pressey	
Cindy Montstream	Legrand		Shad Sechrist	Lynn
David Kozischek	Corning		Masood Shariff	CommScope
Ana Cruz	Belden		Sheng-Kai Su	Dan-Chief
Richard Dallman	Cable Express		Jeff Silveira	BICSI
Dan Cassidy	UL		Solomon Girma	Superior Essex
Dave Valentukonis	Siemon		Steve Eisele	Data Center Systems
Diane Forbes	NIS		Steve Thwaites	Prysmian Group

Jacques Fluet	TIA		Sunny Xu	CommScope
Henry Franc	Belden		Thomas Schmalzigaug	Huber + Suhner
Scott Payton	GDCE		Les Thomlinson	Department of National Defence
Tim Pickles	Surtec		Todd Harpel	Leviton
Todd Taylor	AECOM		Tom McGarry	TIA
Kevin Turner	Marmon		Tyler Royer	Senko
Andrei Vankov	Senko		Paul Vanderlann	UL
Bob Voss	Panduit		William Winston	Fluke
Joseba Calvo	EPI		Edward vanLeent	EPI

1.3 Current Meeting Agenda Review and Approval (TR421-2024-02-001b)

Meeting agenda reviewed. Motion to approve passes without opposition.

1.4 Previous Meeting Reports Review and Approval

- September Meeting Report (TR421-2023-09-035)

Previous meeting Report reviewed. Motion to approve passes without opposition.

1.5 Intellectual property rights statement (early disclosure policy)

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.

The chair draws attention to the intellectual property rights statement.

1.6 Distribution of documents and contributions



Document	Title	Contributor	Company
TR421-2023-09-035	September Meeting Report	Forbes	TR-42.1
TR421-2024-02-001b	February 2024 Meeting Notice & Agenda	Montstream	TR-42.1
TR421-2024-02-002	TIA-942-C Recirculation Ballot #3 Comments with Editor Recommendations	Jew	TR-42.1
TR421-2024-02-003	Errata for change to TIA-568.1-E-1	Montstream	Legrand
TR421-2024-02-004	TSB-6000 Application Table 1 st Ballot Comments with Editor Recommendations	Xu	TR-42.1
TR421-2024-02-006	TIA Data Center Certification Report - 2023	Jacques Fluet	TIA

1.7 Chairs Report and General Items

No chairs report.

1.8 List of Standards & TSBs from Committee

Document	Title	Date of Revision	Current Status
ANSI/TIA-568.0-E	Generic Telecommunications Cabling for Customer Premises	2020	Published
ANSI/TIA-568.0-E-1	Generic Telecommunications Cabling for Customer Premises	2022	Published
ANSI/TIA-568.1-E	Commercial Building Telecommunications Infrastructure Standard	2020	Published
ANSI/TIA-568.1-E-1	Commercial Building Telecommunications Infrastructure Standard Addendum 1	2022	Published
ANSI/TIA-570-E	Residential Telecommunications Infrastructure Standard	2018	Approved for Publication
ANSI/TIA-758-C	Customer-Owned Outside Plant Telecommunications Infrastructure Standard	2021	Recirculation Ballot #2
ANSI/TIA-862-C	Structured Cabling Infrastructure Standard for Intelligent Building Systems	2022	Published
ANSI/TIA-942-C	Telecommunications Infrastructure Standard for Data Centers	2017	Approved for Publication
ANSI/TIA-1179-B	Healthcare Facility Telecommunications Infrastructure Standard	2023	Published



ANSI/TIA-4966-A	Telecommunications Infrastructure Standard for Educational Facilities	2022	Published
ANSI/TIA-4966-A-1	Telecommunications Infrastructure Standard for Educational Facilities Addendum 1	2023	Published
ANSI/TIA-4994	Standard for Sustainable Communications Technology	2015	Inactive
ANSI/TIA-5017	Telecommunications Physical Network Security Standard	2016	On Hold / Recirculation Ballot
TIA-TSB-162-B	Telecommunications Cabling Guidelines for Wireless Access Points	2020	Published
TIA-TSB-185	Environmental Classification (MICE) Tutorial – Mechanical; Ingress; Climatic/Chemical; Electromagnetic)	2021	Reaffirmed
TIA-TSB-5018	Structured Cabling Infrastructure Guidelines to Support Distributed Antenna Systems	2021	Reaffirmed
TIA-TSB-5046	Process for Sustainable Information Communications Technology Manufacturers	2017	Inactive
TIA-TSB-6000	Application Tables	In progress	Recirculation Ballot

2 Old business

2.1 ANSI/TIA-758-C (OSP): (New Editor: Kevin Turner)

- Document being prepared for ballot
- Confirm recirculation ballot

Due to the length of time that has elapsed since the last ballot, the committee elects to move forward with a full recirculation ballot on this standard. Motion passes without opposition.

2.2 ANSI/TIA-942-C (Data Centers): (Editor: Jonathan Jew)

- Resolved comments on Recirculation Ballot #3 (TR421-2024-02-002a)
- Next step (Recirculation Ballot/Publish)

Comments resolved. Motion to publish, upon receipt of Belden blue card, passes without opposition.



2.3 ANSI/TIA-5017-A (Security): (New Editor: Ron Tellas)

- Has been on hold—editor resigned, and new editor identified
- Waiting for last comment resolution and draft from previous editor
- Confirm next step is Recirculation Ballot

Do not have any updated documents. Pending receipt from previous editor.

2.4 ANSI/TIA-570-E (Residential): (Editor: Jeff Drenovsky)

- Submitted for publication

2.5 TSB-6000 (Application Tables) (Editor: Sunny Xu)

- Resolved comments on 1st Ballot (TR421-2024-02-004a)
- Next step (Recirculation Ballot / Publish)

Comments resolved. Discussion around where this document should, ultimately, live. Consideration of moving this from a TSB to a part of 42.5 so that it can be a 'living' document available to the public. Cindy to review logistics of this change with TIA.

Motion to put out for recirculation ballot passes without opposition.

2.6 Consolidation of 568.0, 568.1 and 862 standards (New Editor: Cindy Montstream)

- Update on draft of consolidated standards
- Determine next steps (Task Group / New Ballot / Other)

Consolidated standard name is TIA-568.1-F. Draft document to be provided at next meeting for review.

3 New Business

3.1 Errata for change to TIA-568.1-E-1 (TR421-2024-02-003)

- Errata was reviewed
- Motion to approve errata change passes without opposition.

3.2 Update on Data Center Certifications in 2023

- Jacques Fluet reviewed his contribution summarizing data center certifications in 2023 (TR421-2024-02-006)
- Henry Franc asked Jacques to review the presentation in the closing plenary

3.3 Documents needing maintenance

No maintenance documents, other than those already noted in old business.



3.4 Managing figures in documents

Working with TIA on document repository.

4 Impact of Work from Other Subcommittees

4.1 Output documents for US-TAG:

Send TSB-6000 to WG3 TAG after comments are added in.

5 Action Items

1. TIA-758-C (OSP) to go out for full recirculation ballot
2. Publish 942 (Belden blue card has been received)
3. Cindy to discuss with TIA the possibility of making TSB-6000 a living document like the TR-42 Definitions document. If this is possible, the document would be managed under TR-42.5.
4. TSB-6000 to go out for recirculation ballot
5. Cindy to bring draft of consolidated TIA-568.1F document to June meeting
6. Send TSB-6000 to WG3 TAG
7. Henry to send IEEE liaison letter asking IEEE to review TSB-6000

6 Meetings

6.1 Future Meeting Dates

- June 3-7, 2024 – Hybrid (date fixed, location TBD)
- October 7-11, 2024 – Hybrid (date fixed, location TBD)

7 Adjournment

Meeting adjourned at 11:29am.

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

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.1 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 [TIAOnline](#)
- 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-42.1 Premise Telecommunications Infrastructure*"
- Click on "*Documents*" and then select the meeting 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 the TIA Connect under the Standards Procedure 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.com	860-208-5261
Diane Forbes, Vice-Chair	diane.forbes@nis.consulting	503-246-8585