



Telecommunications Industry Association

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

Approved by General Counsel

TR-42.9 Subcommittee on Industrial

Telecommunications Infrastructure

Meeting Date: 30 January 2023

Location: Tampa, FL

Approved: 16 February 2023

TR-42.9 Meeting Report

Organization: ANSI Accredited Engineering Committee TIA TR-42.9
Industrial Telecommunications Infrastructure

Chair: Brad Woodman – Molex, (630) 718-5789

Vice Chair: Brian Shuman – Belden, (765) 983-5667

Date: Monday, January 30, 2023

Location: Tampa, FL/Hybrid Virtual Online

1. ADMINISTRATION

1.1. Call to order

The meeting was called to order by the chair 1:30 PM EDT.

1.2. Notice of Participation

The important notice of participation was reviewed.

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-42.9 standards projects from the user and general interest communities.

1.3. Attendance (call quorum, introductions, electronic roster)

Total of 48 attendees were present. The attendees themselves and attendance was registered using the TIA electronic roster sign-in process. Quorum was achieved (verified by roster call).

Attendees:

Name	Company	Name	Company
Dardel, Boris	AESA	Harpel, Todd	Leviton
Angra, Nik	AFL	Poulsen, Jeff	Leviton
Camp, David	Belden	DiMinico, Christopher	MC Communications
Shuman, Brian	Belden	Woodman, Brad	Molex
Siev, Virak	Belden	Smith, Will	Nest Technical Services
Arbeeny, Caspar	Belden	Stileleather, Derrick	OCC
Tellas, Ron	Belden	Lenz, Sean	Panduit
Ellis, Mark	Bel - Stewart Connector	Voss, Bob	Panduit
Zimmerman, George	CME Consulting	McClusky, Paul	Phoenix Contact
Larsen, Wayne	Commscope	Fortier, Tanner	Proterial Cable America
Clampitt, Zach	Commscope	Thwaites, Steve	Prysmian
Hess, Dave	Corddata	Smigelski, Zachary	Quabbin
Kozischek, David	Corning	Ahmed, Adnan	RDM
Chiou, Dachen	Dan-Chief	Jeskey, David	Sentinel
Su, ShengKai	Dan-Chief	Ceella, Brian	Siemon
Jones, Richard	Datacom Standards	Hüdepohl, Konstantin	Softing
Winston, William	Fluke Networks	Pickles, Tim	Surtec America

Henriques, Fabianne	Furukawa	McGarry, Tom	TIA
Payton, Scott	GDCE	Ehredt, Al	Telegartner
Locker, Chris	Google	Barrera, Dan	Trend-networks
Reece, Mark	Google	Tassone, Anthony	UL
Emplit, Ray	Harger	Vanderlaan, Paul	UL
Schmidt, Rainer	Harting	Pressey, Jacquelynn	US Navy
Montstream, Cindy	Legrand	Dupuis, Marc	Winchester Interconnect

1.4. TR42.9 Sub-Committee Chair and Vice Chair Elections

Brian Shuman acclaimed as Chair
Brad Woodman acclaimed as Vice Chair

1.5. Agenda review and approval (TR429-2023-01-001b)

Motion: Approve agenda as presented in the meeting
MOTION PASSES by voice without any opposition

1.6. Previous meeting reports review and approval (TR429-2022-10-023)

Motion: Approve meeting report as presented in the meeting
MOTION PASSES by voice without any opposition

1.7. Intellectual property rights (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.

1.8. Distribution of documents and contributions

Document	Contributor	Company	Title
TR429-2022-10-023	Brad Woodman	Molex	October 3, Meeting Report
TR429-2023-01-001	Brad Woodman	Molex	January 30 meeting agenda
TR429-2023-01-002	Brad Woodman	Molex	TIA-1005-B Comments
TR429-2023-01-003	Brian Shuman	Belden	TIA-568.7 Draft 5.0 Comments
TR429-2023-01-004	Brian Shuman	Belden	TIA-568.7 Draft 5.0
TR429-2023-01-005	Rainer Schmidt	Harting	T1 Channel Comparison
TR429-2023-01-006	Chris DiMinico	MC Communications	Multidrop Mixing Segment Considerations for TIA specifications-
TR429-2023-01-007	Paul Vanderlaan	UL	DCR Calculations

1.9. Chair's Report and General Items

1.10. List of Standards & TSBs from Committee

Document	Title	Date of Revision	Current Status
ANSI/TIA-1005-A	Telecommunications Infrastructure Standard for Industrial Premises	3/17/2020	
ANSI/TIA-1005-A-1	Telecommunications Infrastructure Standard for Industrial Premises Addendum 1, M12-8 X-coding Connector	3/17/2020	

ANSI/TIA-1005-B	Telecommunications Infrastructure Standard for Industrial Premises	In progress	Default Ballot
ANSI/TIA-568.7	Balanced single twisted-pair communications cabling and components Standard for Industrial Premises	In progress	1 st Industry Ballot

2. Old Business

2.1. ANSI/TIA-1005-B

2.1.1. Industry ballot of ANSI/TIA-1005-B

Comment Resolution

All comment resolved

Motion: To go out as a default industry ballot.

MOTION PASSES by voice without any opposition

2.2. ANSI/TIA568.7 Industrial SPE

2.2.1. Industry ballot of ANSI/TIA-568.7

Comment Resolution

Comment resolution started.

Motion: Complete ballot comment resolution on a virtual interim meeting February 15, at 9:00 EST

MOTION PASSES by voice without any opposition

2.3. Other old business

No other old business was reported.

3. New Business

3.1. Incoming liaison letters

No incoming liaison letters were reported.

3.2. Other new business

None

3.3. Outgoing liaison letters

None

5.4. Output documents for US-TAG

None

4. Upcoming meetings

February 15, 2023 - Virtual (ANIS/TIA-568.7 Ballot Comment resolution)

June 5 - 9, 2023 - TBD

October 2 - 6, 2023 - TBD

5. Adjournment

MOTION: To extend quorum 15 minutes to 4:45 PM EST

MOTION PASSES by voice without any opposition

MOTION: To adjourn
MOTION PASSES by voice without any opposition
Adjourned at 4:45 PM EST

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

AVAILABILITY OF MEETING DOCUMENTS:

TR-42.9 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-42.9 Industrial Telecommunications Infrastructure"

Click on "Documents" and then select the "2021-02 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 the TR42 FTP site for download. All contributions shall be submitted to Brad Woodman at Bradley.woodman@molex.com. 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).

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.

LATE CONTRIBUTIONS:

Contributions not posted as described in the timing above shall be classified as "late contributions." They may be considered at the discretion of Chair or V-Chair.

All late contributions shall be provided to the EDC and to the committee members on a memory stick or CD-ROM.

Questions and Comments concerning this agenda should be submitted to:

Chair: Brad Woodman Ph: (630) 718-5789 E: bradley.woodman@molex.com

Vice-chair: Brian Shuman Ph: (765) 983-5667 E: brian.shuman@belden.com