



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: 27 January 2022

Location: Teleconference

Approved: February 2022

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: Thursday, January 27, 2022

Location: Virtual Online

1. ADMINISTRATION

1.1. Call to order

The meeting was called to order by the chair 8:00 AM CST.

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 34 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
Caspar Arbeeny	Belden	DiMinico, Chris	MC Communications
Camp, David	Belden	Woodman, Brad	Molex
Shuman, Brian	Belden	Stikeleather, Derrick	OCC
Siev, Virak	Belden	Jones, Cameron	ODVA/Rockwell
Sharp, Peter	Business Net Tech	Lenz, Sean	Panduit
Zimmerman, George	CME Consulting	Voss, Bob	Panduit
Larsen, Wayne	Commscope	Thwaites, Steve	Prysmian Group
Hess, Dave	CORD DATA	Ahmed, Adnan	RDM
Winston, William	Fluke Networks	Jeskey, Dave	Sentinel Connectors
Emplit, Ray	Harger	Cearella, Brian	Siemon
Fritsche, Matthias	Harting	Maguire, Valerie	Siemon
Schmidt, Rainer	Harting	Huedepohl, Konstantin	Softing
Cornelison, Ken	Hitachi Cable	Ellis, Mark	Stewart Connector- Bel

Pelletier, Antoine	Intertek/ETL	Pickles, Tim	Surtec America
Keller, David	KellerREC	Barrera, Dan	Trend Networks
Montstream, Cindy	Legrand	Vanderlaan, Paul	UL
Poulsen, Jeffrey	Leviton	Ehredt, Al	Telegartner

1.4. Agenda review and approval (TR429-2022-01-001b)

Motion: Approve agenda as presented in the meeting

MOTION PASSES by voice without any opposition

1.5. 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.

1.6. Distribution of documents and contributions

Document	Contributor	Company	Title
TR429-2021-02-003	Brad Woodman	Molex	TIA-1005-B ballot comments
TR429-2021-02-004b	Brad Woodman	Molex	TIA-1005-B ballot comments with editor's recommendation/resolved comments
TR429-2021-10-024	Brad Woodman	Molex	October 14th meeting report
TR429-2022-01-001b	Brad Woodman	Molex	January 27th meeting agenda
TR429-2022-02-002	Chris Diminico	MC Communications	Multidrop Mixing Segment Considerations-Update
TR429-2022-02-003	Chris Diminico	MC Communications	Multidrop Mixing Segment Considerations-TIA specifications

1.7. Chair's Report and General Items

1.8. 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 Addendum 2, Performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T for MICE2 and MICE3 environments	In progress	2 nd Committee Ballot
ANSI/TIA-568.7	Balanced single twisted-pair communications cabling and components Standard for Industrial Premises	In progress	1 st Mock Ballot

1.9. Meeting report review and approval (TR429-2021-10-024)

Motion: Approve meeting report as presented in the meeting.

MOTION PASSES by voice without any opposition

2. Old Business

2.1. ANSI/TIA-1005-B

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

Comment Resolution

Motion: Continue to defer the comment resolution and document balloting until the next meeting when ANSI/TIA-568.7 is more mature.

MOTION PASSES by voice without any opposition

2.2. ANSI/TIA568.7 Industrial SPE

2.2.1. Committee ballot of ANSI/TIA-568.7

Document out for committee ballot, closing February 7, 2022

Multidrop Mixing Segment Considerations-Update (TR429-2022-01-002)

Multidrop Mixing Segment Considerations-TIA specifications (TR429-2022-01-003)

2.3. Other old business

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 16, 2022 Virtual Comment Resolution

June 6-10, 2022 Virtual

5. Adjournment

MOTION: To adjourn

MOTION PASSES by voice without any opposition

Adjourned at 9:12 AM CST

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