



**Telecommunications Industry Association**

1310 North Courthouse Road, Suite 890  
Arlington, VA 22201 | [www.tiaonline.org](http://www.tiaonline.org)

**Approved by General Counsel**

TR-42.9 Subcommittee on Industrial

Telecommunications Infrastructure

Meeting Date: 05 February 2024

Location: Charleston, SC

Approved: 26 February 2024

## TR-42.9 Meeting Report

Organization: Engineering Committee TIA TR-42.9  
Industrial Telecommunications Infrastructure

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

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

Date: Monday, February 5, 2024

Location: Charleston, SC/Hybrid Virtual Online

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### 1. ADMINISTRATION

#### 1.1. Call to order

The meeting was called to order by the chair 1:32 PM EST.

#### 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 41 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
Mahoney, Patrick	AECOM	Woodman, Brad	Molex
Camp, David	Belden	Martis, Nash	Morrison Hershfield
Shuman, Brian	Belden	Smith, Daniel	Nest Technical Services
Arbeeny, Caspar	Belden	Voss, Bob	Panduit
Tellas, Ron	Belden	Savoie, Jacob	Proterial
Zimmerman, George	CME Consulting	Thwaites, Steve	Prysmian
Hess, Dave	Corrddata	Jeskey, David	Sentinel
Kozischek, David	Corning	Ceella, Brian	Siemon
Thomlinson, Les	DND	Hüdepohl, Konstantin	Softing
Su, ShengKai	Dan-Chief	Girma, Solomon	Superior Essex
Calle, Olivier	Fluke Networks	Pickles, Tim	Surtec America
Winston, William	Fluke Networks	McGarry, Tom	TIA
Henriques, Fabianne	Furukawa	Thibideau, Cheryl	TIA
McElroy, Andy	Harger	Ehredt, Al	Telegartner

Schmidt, Rainer	Harting	Barrera, Dan	Trend-networks
Pelletier, Antoine	Intertek	Tassone, Anthony	UL
Aekins, Robert	Legrand	Vanderlaan, Paul	UL
Montstream, Cindy	Legrand	Pressey, Jacquelynn	US Navy
Harpel, Todd	Leviton	Urbanic, William	US Navy
Poulsen, Jeff	Leviton	Dupuis, Marc	Winchester Interconnect
DiMinico, Christopher	MC Communications		

#### 1.4. Agenda review and approval (TR429-2024-02-001)

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

#### 1.5. Previous meeting reports review and approval (TR429-2023-09-018, TR429-2023-10-020)

**Motion: Approve meeting report as posted**  
**MOTION PASSES by voice without any opposition**

#### 1.6. 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.

#### 1.7. Distribution of documents and contributions

Document	Contributor	Company	Title
TR429-2023-09-018	Brian Shuman	Belden	September 25 <sup>th</sup> Meeting Report
TR429-2023-10-020	Brian Shuman	Belden	October 31 <sup>st</sup> Meeting Report
TR429-2024-02-001	Brian Shuman	Belden	February 5 <sup>th</sup> Meeting Agenda
TR429-2023-09-016c	Brian Shuman	Belden	568.7 Recirculation Ballot Comments Combined Interim Resolution Recommendations
TR429-2024-02-002	Brian Shuman	Belden	Quorum Sheet February 5 <sup>th</sup> Meeting
TR429-2024-02-003	Chris DiMinico	MC Communications	IEEE Multi Drop Presentation

#### 1.8. Chair's Report and General Items

#### 1.9. 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	Recirculation Ballot
ANSI/TIA-568.7	Balanced single twisted-pair communications cabling and components Standard for Industrial Premises	In progress	Recirculation Ballot

## 2. Old Business

### 2.1. ANSI/TIA-1005-B

#### 2.1.1. Recirculation ballot of ANSI/TIA-1005-B

Comment Resolution  
All comments resolved  
**Document disposition tabled until next meeting**

### 2.2. ANSI/TIA-568.7 Industrial SPE

#### 2.2.1. Recirculation ballot of ANSI/TIA-568.7

Comment Resolution  
Completed ballot resolution  
**Motion: To accept completed comment resolutions and agree to go out for recirculation ballot.**  
**MOTION PASSES by voice without any opposition**

### 2.3. Other old business

No other old business was reported.

## 3. New Business

### 3.1. Multidrop Mixing Segment Considerations

Presentation given regarding current status of IEEE work.

### 3.2. Incoming liaison letters

No incoming liaison letters were reported.

### 3.3. Other new business

None

### 3.4. Outgoing liaison letters

None

### 5.4. Output documents for US-TAG

None

## 4. Upcoming meetings

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

## 5. Adjournment

**MOTION: To adjourn**  
**MOTION PASSES by voice without any opposition**  
**Adjourned at 2:51 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](http://connect.tiaonline.org)) before the meeting.

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

Go to [connect.tiaonline.org](http://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 “*2023-06 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 the TR42 FTP site for download. All contributions shall be submitted to [Brian Shuman@Belden.com](mailto:Brian.Shuman@Belden.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.

Questions and Comments concerning this agenda should be submitted to:

Chair: Brian Shuman	Ph: (765) 983-5667	E: <a href="mailto:brian.shuman@belden.com">brian.shuman@belden.com</a>
Vice-chair: Brad Woodman	Ph: (630) 718-5789	E: <a href="mailto:bradley.woodman@molex.com">bradley.woodman@molex.com</a>