



**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: 04 October 2021

Location: Teleconference

Approved: 27 October 2021

## 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, October 4, 2021

Location: Virtual Online

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### 1. ADMINISTRATION

#### 1.1. Call to order

The meeting was called to order by the chair 11:00 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 39 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
Franc, Henry	Belden	Stikeleather, Derrick	OCC
Shuman, Brian	Belden	Jones, Cameron	ODVA/Rockwell
Siev, Virak	Belden	Lenz, Sean	Panduit
Tellas, Ron	Belden	Voss, Bob	Panduit
Zimmerman, George	CME Consulting	Thwaites, Steve	Prysmian Group
Larsen, Wayne	Commscope	Smigelski, Zachary	Quabbin
Hess, Dave	CORD DATA	Ahmed, Adnan	RDM
Kozischek, David	Corning	Jeskey, Dave	Sentinel Connectors
Jones, Richard	Datacom Standards	Ceella, Brian	Siemon
Chiou, Dachen	DCT	Maguire, Valerie	Siemon
Winston, William	Fluke Networks	Huedepohl, Konstantin	Softing

Kuniyoshi, Cristina	Furukawa Electric	Jallo, Tom	Softing
Emplit, Ray	Harger	Ellis, Mark	Stewart Connector- Bel
Fritsche, Matthias	Harting	Pickles, Tim	Surtec America
Cornelison, Ken	Hitachi Cable	Barrera, Dan	Trend Networks
Pelletier, Antoine	Intertek/ETL	Tassone, Anthony	UL
Montstream, Cindy	Legrand	Vanderlaan, Paul	UL
Poulsen, Jeffrey	Leviton		

#### 1.4. Agenda review and approval (TR429-2021-10-022a)

**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
TR429-2021-06-013	Brad Woodman	Molex	June 14th meeting report
TR429-2021-09-020	Brad Woodman	Molex	SPE Task group August 11 <sup>th</sup> meeting minutes
TR429-2021-09-021	Brian Shuman	Belden	TIA-568.7 draft 1.3
TR429-2021-10-022a	Brad Woodman	Molex	October 4th meeting agenda
TR429-2021-10-023	Brian Shuman	Belden	TIA-568.7 ballot comments

#### 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 <sup>nd</sup> Committee Ballot
ANSI/TIA-568.7	Balanced single twisted-pair communications cabling and components Standard for Industrial Premises	In progress	1 <sup>st</sup> Mock Ballot

**1.9. Meeting report review and approval (TR429-2021-06-013)**

**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: To pause the comment resolution and document balloting until ANSI/TIA-568.7 is more mature.**

**MOTION PASSES by voice without any opposition**

**2.2. ANSI/TIA568.7 Industrial SPE**

**2.2.1. Mock ballot of ANSI/TIA-568.7**

Comment Resolution

All comments were resolved and editor to implement comments into the document.

Disposition (Mock ballot, Committee ballot)

**Motion: To go out as committee ballot.**

**MOTION PASSES by voice without any opposition**

**2.3. Other old business**

**3. New Business**

**3.1. Incoming liaison letters**

No incoming liaison letters were reported.

**3.2. Other new business**

No other old business was reported.

**3.3. Outgoing liaison letters**

None

**5.4. Output documents for US-TAG**

None

**4. Upcoming meetings**

January 24-28, 2022 Virtual

**5. Adjournment**

**MOTION: To adjourn**

**MOTION PASSES by voice without any opposition**

**Adjourned at 3:11 PM CST**

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 access contributions and other meeting documents before the meeting by accessing the following TR-42.9 Standalone Library:  
<https://connect.tiaonline.org/communities/community-home/librarydocuments?LibraryKey=3EAA9087-C7B2-4503-9DFB-C3787088B28D>

#### **AVAILABILITY OF MEETING DOCUMENTS:**

TR-42.9 members/participants are instructed to download contributions and other meeting documents from TIA Connect ([connect.tiaonline.org](https://connect.tiaonline.org)) before the meeting.

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

Go to [connect.tiaonline.org](https://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](mailto: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](mailto:bradley.woodman@molex.com)

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