



**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: 14 June 2021

Location: Teleconference

Approved: 29 June 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, June 14, 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 32 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
Tellas, Ron	Belden	Jeskey, Dave	Sentinel Connectors
Shuman, Brian	Belden	Schirmer, Ernest	WSP USA
Siev, Virak	Belden	Poulsen, Jeffrey	Leviton
Zimmerman, George	CME Consulting	Dearing, Mark	Leviton
Larsen, Wayne	Commscope	DiMinico, Chris	MC Communications
HESS, DAVE	CORD DATA	Woodman, Brad	Molex
Jones, Richard	Datacom Standards	Jones, Cameron	ODVA/Rockwell
Dachen Chiou	DCT	Sean Lenz,	Panduit
Su, Sheng-Kai	DCT	Voss, Bob	Panduit
Winston, William	Fluke Networks	Thwaites, Steve	Prysmian Group
Kuniyoshi, Cristina	Furukawa Electric	Ahmed, Adnan	RDM
Emplit, Ray	Harger	Celella, Brian	Siemon
Schmidt, Rainer	Harting	Maguire, Valerie	Siemon

Cornelison, Ken	Hitachi Cable	Huedepohl, Konstantin	Softing
Barrera, Dan	Trend Networks	Ellis, Mark	Stewart Connector- Bel
Pelletier, Antoine	Intertek/ETL	Pickles, Tim	Surtec America
Barrera, Dan	Trend Networks	Ehredt, Al	Telegartner
Pelletier, Antoine	Intertek/ETL	Tassone, Anthony	UL
Barrera, Dan	Trend Networks	Vanderlaan, Paul	UL
Montstream, Cindy	Legrand		

#### 1.4. Agenda review and approval (TR429-2021-06-010a)

**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
TR429-2020-02-008	Brad Woodman	Molex	February 3rd meeting report
TR429-2021-06-009	Ron Tellas	Belden	SPE Task group April 29 <sup>th</sup> meeting minutes
TR429-2021-06-010a	Brad Woodman	Molex	June 14th meeting agenda
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
TR429-2021-02-006	Ron Tellas	Belden	TIA-568.7 draft 1.0
TR429-2021-06-011	Chris Diminico	MC Communications	Multidrop Mixing Segment Considerations
TR429-2021-06-012	Brian Shuman	Belden	TIA-568.7 Draft 1.1

#### 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	

**1.9. Meeting report review and approval (TR429-2021-02-008)**

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

**2. Old Business**

**3. ANSI/TIA-1005-B**

**3.1.1. 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 unanimously.

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

Draft 1.1 strawman reviewed. Committee agreed to virtual task group meetings  
Scheduled for Jul 14 10:00 – 12:00 EDT and August 11 10:00 – 12:00 EDT

**3.1.3. SPE Multidrop Mixing Segment Considerations**

Presentation on IEEE multidrop mixing segments measurements.

**4. Other old business**

**5. New Business**

**5.1. Incoming liaison letters**

OpenAlliance letter reviewed. No further action required.

**5.2. Other new business**

No other old business was reported.

**5.3. Outgoing liaison letters**

None

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

None

**6. Upcoming meetings**

October 18-22, 2021 Virtual

**7. Adjournment**

**MOTION: To adjourn**

**MOTION PASSES by voice without any opposition**

**Adjourned at 12:07 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)