

TIA TR-42 Liaison to IEEE 802.3

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Introduction to TIA

- **Telecommunications Industry Association**
- **www.tiaonline.org**
- **TR-42: Defines mechanical and transmission requirements for copper twisted-pair and optical fiber cabling and components**



Agenda and Meeting Overview

- **February 2 - 6 in Mesa, AZ**
- **TR-42 has not met since the March IEEE 802.3 meeting in Vancouver**
- **TR-42.7 met in May in Indianapolis, IN**

TR-42 Activities

- **TR-42.7 (Copper Cabling):**
 -  – **New project: ANSI/TIA-568-C.2, “Balanced Twisted-Pair Telecommunications Cabling and Components Standard” circulating for final default ballot , target publication: August 2009**
 -  – **New project: TIA-1152, “Requirements for Field Test Instruments” circulating for 1st default ballot, target publication: August 2009**

TR-42 Activities

- **TR-42.7 (Copper Cabling), cont.:**
 -  – **New project: TSB-184, “Guidelines for Supporting Power Delivery over Twisted-Pair Cabling” approved for publication**
 - **Draft 2.0 of PN-3-0324-A (TSB-184) available on IEEE 802.3 and IEEE 802.3at FTP sites (private-area)**
 -  – **New project: TSB-155-A, “Guidelines for the Assessment and Mitigation of Installed Category 6 Cabling to Support 10GBASE-T”, align with ‘568-C.2 content**

'568-C Development

- **ANSI/TIA-568-C.0**
 - **Errata issued: January, 2009**
- **ANSI/TIA-568-C.1**
 - **Errata issued: January, 2009**
- **SP-3-4426-RV3-B-2: (pending '568-C.2)**
 - **Final default ballot closed July 6, 2009**
 - **Target publication: August, 2009**
- **ANSI/TIA-568-C.3**
 - **Approved for publication: September, 2007**

Upcoming TIA Meetings

TR-42 Plenary Meetings

August 3 - 7, 2009


Minneapolis, MN

www.tiaonline.org

Pending MN Discussions

- **SP-3-4426-RV3-B-2 ('568-C.2, final default ballot) comment resolution**
- **SP-3-0323-A-1 (TIA-1152 Field Testers default ballot) comment resolution**
- **PN-3-4426-RV3-AD1 ('568-C.2-1 Balance) draft development**

Pending MN Discussions, cont.

- **Test fixturing TG report**
-  • **(PN-3-0134-RV1) TSB-155-A draft development**
- **TR-42.7 agreed to assume responsibility for developing necessary coaxial cabling specifications**

Thank you

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