

# ***TIA TR-42 Liaison to IEEE***

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**Vice-Chair, TR-42.7**

**Chair, TR-42.7.1**

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# ***Summary of TIA TR-42 Liaison Output***

- **1 Liaison Letter to IEEE**
- **1 Committee Update**

# ***TR-42 Liaison***

**The work described in the TIA TR-42 liaison letter of June 6, 2003, in cooperation with the IEEE Cabling Study Group, has resulted in the creation of two new projects:**

- 1. Project PN-3-0134**
- 2. Project SP-3-4426-AD10**

# ***Project PN-3-0134: Title***

**“Investigation of balanced cabling performance up to 625 MHz for both TIA category 6 and category 5e cabling for 10GBASE-T applications.”**

# ***Project PN-3-0134: Scope***

- **Study category 5e and category 6 cabling transmission performance and alien crosstalk up to 625 MHz**
- **Study the relationship of transmission parameters and alien crosstalk and their field testing and mitigation**

# ***Project PN-3-0134: Output***

- **Applicable category 6 data and guidelines from the study will be presented in TSB-155**
- **Category 5e and category 6 measurement data will be shared directly with IEEE 802.3 10GBASE-T Task Force as it becomes available**

# ***Project SP-3-4426-AD10: Title***

**“Augmented category 6 cabling”**

# ***Project SP-3-4426-AD10: Scope***

- **Develop cabling and component specifications and test procedures to support the operation of 10GBASE-T over 100m of twisted-pair copper cabling**
- **Project includes extending the frequency range and adding requirements to TIA-568-B.2-1**



# ***Project SP-3-4426-AD10: Output***

- **Resulting requirements will be presented in a new revision or addendum to the TIA-568-B standard**

# ***Project Timeline***

**“TIA TR-42 will provide a timeline for completion of these activities as soon as the projects are initiated.”**

# ***Committee Update***

**Elections were held in the TR-42.7  
Cabling sub-committee. New  
leadership is as follows:**

**Chair: Paul Vanderlaan  
(Belden Wire & Cable)**

**Vice-Chair: Val Rybinski  
(Hitachi Cable Manchester, Inc.)**

***Thank you***

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