

Joint TR42/802.3at Meeting Report

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Meeting Goals

- Based on motion from May Interim

Direct the chair of IEEE 802.3at to generate an informal communication to:

- 1) ISO SEC reminding them to respond to the temperature data request*
- 2) TR42 requesting a time slot for interested parties to meet on July 13, 2006 in the afternoon.*

M: Diab S: Barrass

- Start discussion on cabling issues including heat, capacity and imbalance
- Attendance: ~12 Members from TIA. Wael Diab and Mike McCormack from 802.3at

Actions

TR42 (42.7) will investigate the following

- Max temperature rise willing to live with on a conductor basis
- Max current capacity under worst case conditions
- Matrix of data
 - current vs. category vs. environmental conditions
- Will start looking into DC Imbalance

Timeline & Progress

- Goal is for TR42 to provide this data out of their October meeting
- Its encouraging as far as feasibility. Their current very preliminary data shows that we are close to getting 30W with a 10 degree rise
- Bottom line is that more testing needs to be done so that the numbers can be firmed up and we can understand our constraints