P802.3bp 1000BASE-T1

IEEE 802.3 Ethernet Working Group

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High Speed Design, Inc.

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San Diego CA

Reflector and Web

- To subscribe to the RTPGE reflector, send an email to:

  ListServ@ieee.org

  with the following in the body of the message (do not include "<>"):

  subscribe stds-802-3-RTPGE _<yourfirstname> <yourlastname>_

- Send RTPGE reflector messages to:

  stds-802-3-RTPGE _@listserv.ieee.org_

- Task Force web page URL:

  www.ieee802.org/3/bp/index.html

Private Area

- Login: 802.3bp
- Password: **********

IEEE P802.3bp Task Force

- Met in Norfolk, VA Wednesday and Thursday AM May 14-15, 2014
- ~50 people in the room (some from from P802.3bu PoDL and 1TPCE)
- **EMC and Noise**
  - Presentations on TX-PSD mask for PAM-3 to meet emissions
  - Presentations on filtering schemes for PAM-3
- **Channel**
  - Discussed plans for testing annex and deliverables for July
  - PoDL – reports from Dave Dwelley, P802.3bu Chair and liaison; response from P802.3bp

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- **PHY**
  - Presentations on signal constellations
  - Presentations on FEC
    - New data on connector vibration performance
      - Examine trade-offs for FEC vs. latency
  - Presentations on auto-negotiation (link start-up and training needed for 1000BASE-T1)
  - Consensus that a fast 1-pair rate auto-negotiation could be added to this
  - Working on what parameters are needed to close the transmitter spec and the create of baseline text

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Motion #4

Move that the IEEE P802.3bp task force adopt the following objective:

Support optional single-pair auto-negotiation mechanism

M: William Lo S: Mehmet Tazebay
Y: 25 N: 0 A: 5 (TECHNICAL ≥ 75%)
MOTION PASSES
802.3 Voters Only (FOR INFORMATION)
Y: 17 N: 0 A: 1 (TECHNICAL ≥ 75%)

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Motion #5

Move that the IEEE P802.3bp Task Force
adopts diminico_3bp_04_0514.pdf as the
baseline text for
IEEE P802.3bp/RTPGE Draft Standard
Annex: Alien Crosstalk Test Procedure

**M: Chris DiMinico S: Neven Pischl
Y: 27 N: 0 A: 1 (TECHNICAL ≥ 75%)
MOTION PASSES
802.3 Voters Only (FOR INFORMATION)
Y: 16 N: 0 A: 0 (TECHNICAL ≥ 75%)**

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Motion #6

Move that the IEEE P802.3bp Task Force adopts diminico_3bp_03_0514.pdf as the baseline text for IEEE P802.3bp/RTPGE Draft Standard Annex XX – Common mode conversion test methodology

M: Chris DiMinico S: Curtis Donahue
Y: 25 N: 0 A: 3 (TECHNICAL ≥ 75%)
MOTION PASSES
802.3 Voters Only (FOR INFORMATION)
Y: 16 N: 0 A: 0 (TECHNICAL ≥ 75%)

Goals for the week

- Meet Tuesday, Wednesday 9:00AM – 6:00PM and Thursday morning (if needed
- Presentations
- Adopt additional PHY baseline text
- Adopt timeline
- Review comment tool and commenting
- Start TF review on D0.5 out of July

Thank you!