
P802.3bp 1000BASE-T1

IEEE 802.3 Ethernet Working Group

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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](mailto: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: *****

- Review of the comment tool by Adam Healey

IEEE P802.3bp Task Force

- Tuesday, Wednesday, and Thursday morning
- **EMC and Noise**
 - Presentations on TX-PSD mask to 600Mhz for emissions
 - Responded to PoDL liaison questions
 - BCI noise levels
 - Vibration
 - Presentations show this is not an issue at our frequencies
- **Channel**
 - Reports on revised test annex text Annex 97B Alien Crosstalk Test Procedure
 - Converging on single test fixture for channel and EMC tests

IEEE P802.3bp Task Force

- **PHY**
 - Presentations on
 - Signal mapping
 - 3B2T
 - 10B7T
 - 11B7T
 - FEC
 - EEE
 - Auto-negotiation
 - Scrambler and emissions
 - Start up and training
- **Channel**
 - Optional link segment B (40m)

IEEE P802.3bp Task Force

Motion #4 (from May 2014)

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 \geq 75%)

MOTION PASSES

802.3 Voters Only (FOR INFORMATION)

Y: 17 N: 0 A: 1 (TECHNICAL \geq 75%)

IEEE P802.3bp Task Force

Motion #1

Move that the IEEE P802.3bp Task Force adopt proposal in diminico_3bp_02a_0714pdf slides 7-11 as replacement text for Annex 97B Alien Crosstalk Test Procedure IEEE P802.3bp draft standard and give editorial license to implement.

Moved by: Chris DiMinico

Seconded by: Bob Wagner

All in Room Y: 57 N: 0 A: 1

802.3 voters only Y: 35 N: 0 A: 0

Technical 75% required

Result: Motion passes

IEEE P802.3bp Task Force

Motion #2

Move that the IEEE P802.3bp Task Force adopt proposal in diminico_3bp_01b_0714.pdf slides 7-13 as 97.4.4.2 Link transmission parameters for link segment type B and give editorial license to implement.

Moved by: Chris DiMinico

Seconded by: Bob Wagner

All in Room Y: 64 N: 0 A: 1

802.3 voters only Y: 33 N: 0 A: 0

Technical 75% required

Result: Motion passes

IEEE P802.3bp Task Force

Motion #3

Move that the IEEE P802.3bp Task Force adopt TX_PSD as defined in tazebay_3bp_01_0714.pdf (page #3).

Moved by: Mehmet Tazebay

Seconded by: William Lo

All in Room Y: 58 N: 0 A: 5

802.3 voters only Y: 35 N: 0 A: 2

Technical 75% required

Result: Motion passes

IEEE P802.3bp Task Force

Motion #4

Move that the IEEE P802.3bp Task Force adopt 750Mbaud/sec for baud rate as defined in lo_3bp_01a_0714.pdf (page #15).

Moved by: William Lo

Seconded by: Mehmet Tazebay

All in Room Y: 54 N: 0 A: 6

802.3 voters only Y: 34 N: 0 A: 2

Technical 75% required

Result: Motion passes

IEEE P802.3bp Task Force

Motion #5

Move that the IEEE P802.3bp Task Force adopt the mapping scheme 3B2T for 1000BASE-T1 as defined in shen_3bp_01_0714.pdf (page #4).

Moved by: Mehmet Tazebay

Seconded by: BZ Shen

Roll Call Vote

All in Room Y: 43 N: 10 A: 9

802.3 voters only Y: 27 N: 8 A: 4

Technical 75% required

Result: Motion passes

IEEE P802.3bp Task Force

Motion #6

To adopt the timeline as captured in P802.3bp_strawman_timeline_0714.pdf, with editorial license to create 802.3 timeline graphic.

Moved by: Chris DiMinico

Seconded by: GaryYurko

Voice vote

Technical 75% required

Result: Motion passes by voice without opposition

IEEE P802.3bp Task Force

Motion to add an additional objective

Support optional single-pair auto-negotiation mechanism within P802.3bp.

Moved by Steve Carlson on behalf of the Task Force

Technical 75%

Passed by voice vote

Goals for September

- Meet Monday and Tuesday in Kanata, Ontario, CANADA
- Presentations on
 - FEC
 - EEE
 - Auto-negotiation
- Adopt additional PHY baseline text
- Create D1.0 for TF review
- Consensus!

Thank you!