

Comment #72 (C2M) & #504 (C2C)

# P802.3dj COM Parameter Value Consensus Building – AUI C2M & C2C

Kent Lusted, Intel Corporation

Rich Mellitz, Samtec

Upen Reddy Karet, Cisco

Tobey P.-R. Li, MediaTek

Mike Dudek, Marvell

Howard Heck, Intel Corporation

Beth Kochuparambil, Cisco

Matt Brown, Alphawave Semi

Adam Healey, Broadcom

Ali Ghiasi, Ghiasi Quantum

# Supporters

- Bill Simms, NVIDIA
- Adee Ran, Cisco
- Mike Wingrove, Ciena
- Yasuo Hidaka, Credo
- Phil Sun, Credo
- Charles Park, Juniper Networks
- Rick Rabinovich, Keysight Technologies
- Priyank Shukla, Synopsys

# Proposal – AUI C2M and AUI C2C (1/2)

- For 200G/lane AUI C2M and AUI C2C, set the COM parameter values as follows:
  - $\text{Eta\_0} = 1\text{E}-8$
  - # RXFFE taps
    - Number of pre-cursor taps ( $d_w$ ) = 5

# Proposal – AUI C2M and AUI C2C (1/2)

- Add editor's note:
  - “The  $d_w$  and  $\eta_0$  parameters values in this table are strawman values and may change based on further analysis. Contributions in this area are encouraged.”

# Next Steps

- Determine the COM parameter values for AUI C2M and AUI C2C:
  - Number of fixed-position taps ( $N_{fix}$ ) = TBD
  - Number of floating tap groups ( $N_g$ ) = TBD
  - Number of taps per floating tap group ( $N_f$ ) = TBD
  - Highest allowed tap index ( $N_{max}$ ) = TBD

# Thanks!