

# P802.3bs Task Force Ad Hoc Call, April 6, 2016

Attendees names and affiliations will be taken from the participants list. Please use an e-mail address indicating affiliation when signing in. If you attend via phone only, or if your employer and affiliation are different, please send me an e-mail.

Draft agenda is:

- IEEE patent policy reminder: <http://www.ieee802.org/3/patent.html>
- Approval of the agenda
- Presentations
  - 200 GbE Baseline Overview, Pete Anslow, Ciena
  - PMA Clause 120 Technical Completeness and 200G Additions, Steve Trowbridge, Nokia
  - 200GbE Logic Baseline Proposal, Mark Gustlin, Xilinx
  - Overview CCMII Extender Proposal

Discussion If you have any questions for the presenter(s) after the call, please contact the Task Force chair for contact details.

# Updated Project Documentation

- PAR (Pending IEEE-SA approval) - [http://www.ieee802.org/3/50G/public/P802\\_3bs\\_PAR\\_180316\\_modification.pdf](http://www.ieee802.org/3/50G/public/P802_3bs_PAR_180316_modification.pdf)
- CSD Responses - <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0057-00-ACSD-802-3bs.pdf>
- Objectives - [http://www.ieee802.org/3/bs/Objectives\\_16\\_0317.pdf](http://www.ieee802.org/3/bs/Objectives_16_0317.pdf)

# Project Objectives

- Support a MAC data rate of 200 Gb/s
- Support a MAC data rate of 400 Gb/s
- Support a BER of better than or equal to  $10^{-13}$  at the MAC/PLS service interface (or the frame loss ratio equivalent)
- Support full-duplex operation only
- Preserve the Ethernet frame format utilizing the Ethernet MAC
- Preserve minimum and maximum FrameSize of current Ethernet standard
- Provide appropriate support for OTN
- Provide physical layer specifications which support 200 Gb/s operation over:
  - At least 500 m of 4-lane parallel SMF
  - At least 2 km of SMF
  - At least 10 km of SMF
- Provide physical layer specifications which support 400 Gb/s operation over:
  - At least 100 m of MMF
  - At least 500 m of SMF
  - At least 2 km of SMF
  - At least 10 km of SMF
- Specify optional Energy Efficient Ethernet (EEE) capability
- Support optional Attachment Unit Interfaces for chip-to-chip and chip-to-module applications