IEEE 802.3
10Gb/s and 25Gb/s Bidirectional Access Optical PHYs (NGBIDI)
Study Group
Opening Report

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IEEE 802.3 NGBIDI Study Group
Study Group information

Study Group Organization

   Frank Effenberger, IEEE 802.3 BIDI Study Group Chair

   Duane Remein, IEEE 802.3 BIDI Study Group Secretary

Study Group charter

   Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Bidirectional 10Gb/s and 25Gb/s Optical Access PHYs

Study Group web and reflector information

   Reflector information:
   http://www.ieee802.org/3/NGBIDI/email/thrd1.html

   Home page: http://ieee802.org/3/NGBIDI/index.html

IEEE 802.3 NGBIDI Study Group
Activities since March 2018 plenary

Met during the May 2018 interim meeting series

Major items discussed, decisions made and actions

Discussed and filled in the templates for the PAR, CSD, and objectives

Current status

Approved documents can be found:

http://www.ieee802.org/3/NGBIDI/public/1805/index.html

Subsequent to that meeting, it was observed that the 50 Gb/s objective was out of scope. This has resulted in a new CFI to formally request that 50 Gb/s PHYs be studied. If that CFI is approved, then we would expect to expand the scope of this study group to include 50G.

The project documents without the 50G objective can be found:
http://www.ieee802.org/3/NGBIDI/public/1807/index.html
We expect to agree these at this meeting.

IEEE 802.3 NGBIDI Study Group
Meeting week plan

Goals for the meeting

Continue development of objectives, CSD and PAR

Build consensus around the Big ticket items

Wavelength plan

Loss budget

Which clauses form the basis of the NGBIDI work

Questions?

Thank you!