

Opening Report

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (NGEABT)

David Chalupsky, Intel

Berlin, DE
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IEEE 802.3 NGEABT Study Group Project Information

Study Group Organization

David Chalupsky, Chair

Peter Jones, Chair, Architecture ad hoc

Chris DiMinico, Chair, Use Case ad hoc

German Feyh, Chair, Impulse Noise and Use Case Analysis ad hoc

Study Group charter

Develop a PAR and CSD for “Next Generation Enterprise BASE-T Access”

Motion passed November 2014 in 802.3 closing plenary

Study Group web and reflector information

Reflector information: <http://ieee802.org/3/NGBASET/reflector.html>

- Shares reflector with P802.3bq and 25GBASE-T study group

Home page: <http://ieee802.org/3/NGEBASET/index.html>

Draft PAR http://www.ieee802.org/3/NGEBASET/NGEABT_PAR_DRAFTa_15-Jan-15.pdf

Draft CSD http://www.ieee802.org/3/NGEBASET/802d3_NGEABT_CSD_SG_approved.pdf

Draft Objectives http://www.ieee802.org/3/NGEBASET/ngeabt_objectives_draft_SG_approved.pdf

IEEE 802.3 NGEABT Study Group Activities Since November'14 Plenary

Architecture ad hoc chartered immediately following study group approval

Study group met during the January 2015 interim meeting series.

- Heard 15 presentations

- Adopted PAR, CSD and Objectives

- Chartered 2 additional ad hocs

Ad hoc activity

Architecture ad hoc

- Support preparation of project documentation and supporting material
- 6 conference calls held

Use case ad hoc

- Charter: define use cases and deployment configurations for 2.5 and 5 Gb/s PHY operation in the enterprise environment
- 3 conference calls held

Impulse noise and use case analysis ad hoc

- Charter: recommend electrical specifications for the project based upon 1) analysis of enterprise noise sources (such as impulse noise) and 2) evaluation of the results of the Use Case ad hoc.
- 2 conference calls held

IEEE 802.3 NGEABT Plans for the Week

1.5-day meeting

- Joint meeting with P802.3bq and 25GBASE-T Study Group
- Wednesday all day and Thursday morning

Goals for the meeting

- Respond to PAR and CSD comments
- Consider incoming liaison from TIA TR42
- Hear ad hoc reports and 8 presentations laying the ground work for task force phase

Questions?

Thank you!