

NG-EPON

IEEE 802.3 WG opening report

Industry Connections Activity

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Reflector and Web

- ▶ To subscribe to the NG-EPON ad hoc committee reflector, send an email to:
ListServ@ieee.org

with the following in the body of the message (do not include “<>”):
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- ▶ Send NG-EPON ad hoc committee reflector messages to:
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- ▶ NG-EPON ad hoc committee web page URL:
http://www.ieee802.org/3/ad_hoc/ngepon/index.html

- ▶ NG-EPON ad hoc committee private web page URL:
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username: XXXXXX password: XXXXXX

NG-EPON ICCOM project goals

- ▶ Create a venue for interested individuals to discuss the requirements and technical options for the next generation of Ethernet Passive Optical Networks
- ▶ Operate under and report to the IEEE 802.3 Ethernet Working Group
- ▶ Explore operators' requirements
- ▶ Explore market potential
- ▶ Explore technological and economic tradeoffs.
- ▶ Explore the state of the art of optical technology for subscriber access networks
- ▶ Produce a report of the group's findings

Current status

- ▶ 3rd meeting held May 13th in Norfolk, VA
 - ▶ 23 attendees
 - ▶ 6 presentations
- ▶ Agreed to solicit comments on the draft report

Current status (cont)

- ▶ Met from 1 pm to 6 pm on Sunday
- ▶ Promenade AB
- ▶ 17 attendees
- ▶ Heard two presentations

Architecture and requirements

- ▶ **Architecture Analysis of Hybrid TDM/WDM PON – Jing Lei/Duane Remein – Huawei**
- ▶ **Services provided over EPON in MSO access networks – Marek Hajduczenia - BHS**

Review the draft report

- ▶ **Draft of the report – Marek Hajduczenia**

Plans for next meeting

- ▶ Ask for a one day meeting at September interim
- ▶ Request (multi-party) contributions and expert review on the following topics:
 - ▶ More information on optics, especially tunables
 - ▶ Advanced mod/demod, FEC
 - ▶ Optical amplification
- ▶ Review process for the draft report
 - ▶ Editors to produce d0.7 and post in .docx
 - ▶ Reviewers to provide comments in the form of comment bubbles in .docx file. Must also provide a supplemental .docx file for major changes or new text.
 - ▶ Editors consolidate comments and repost in .docx

Straw Polls

- ▶ Meeting on Sunday in conjunction with a plenary is a
- ▶ good idea: 7 bad idea: 4 meh: 2

- ▶ I will attend the meeting in September 9
- ▶ I may attend the meeting in September 3
- ▶ I may not attend the meeting in September 0
- ▶ I will not attend the meeting in September 2