# Closing Report

# Next Generation EPON (NG-EPON) Industry Connections Ad-Hoc

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Berlin, Germany

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# IEEE NG-EPON IC Ad-hoc
# Project information

- Task Force Organization
  - Marek Hajduczenia, IEEE NG-EPON IC Acting Chair
  - Kevin Noll, IEEE NG-EPON IC Chief Editor
- Task force web and reflector information
  - Reflector: http://www.ieee802.org/3/ad_hoc/ngepon/reflector.html
  - Home page: http://www.ieee802.org/3/ad_hoc/ngepon/
    - NG-EPON ICAID: http://www.ieee802.org/3/ad_hoc/ngepon/NGEPON_icaid_form_v1_95.pdf
  - Private area: http://www.ieee802.org/3/ad_hoc/ngepon/private
    - Username: xxxxx
    - Password: xxxxx
    - Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

# IEEE NG-EPON IC Ad-hoc
# Activities during March 2015 plenary

Half a day meeting on Monday afternoon with good participation

Considered all received comments and one standalone presentation. Approved responses to comments posted online at: ngepon_D20_approved.pdf. No consensus to add stand-alone presentation to report at this time.

Draft D3.0 was generated in clean and diff versions with changed only based on approved comments. Updated version D3.0a was published to revert one accidental changes to a sentence.

Outline of changes to the draft follows

# Summary of changes in D3.0 (a)

New conclusions (Clause 8) based on offline consensus building after February 2015 interim meeting.

Updates to Clause 3 to clarify the interpretation of Figure 1 and Figure 2 and Table 1 (based on offline consensus build after February 2015 interim meeting + discussion at this plenary).

Updates to section 4.4 with data on business applications for EPON, and illustrative example of increase in the data rates of cell tower backhaul.

Updates to operator data included in section 4.3 bringing information valid as of January 2015

Added description of disadvantages of wavelength routed ODN (end of section 3.4)

Changes in frontmatter based on received comments (page 2)

# Summary of changes in D3.0 (b)

Updates to section 4.6 to clarify the bandwidth demand model and associated figures, and divide it into FTTH and FFTB scenarios.

Alignment of terminology between “RF Overlay” and “RFoG” in the whole report, including fixes to wavelength range of RFoG 1 option, based on SCTE specifications.

Updates based on newer simulated results for duo-binary coding for EPON (section 6.2.3) and estimates usable SSMF spectrum.

Additional qualitative statements on bit-interleaving in PON (section 6.2.1)

Terminology alignment cross whole document (“offered load”, “bandwidth demand”, “advertised bandwidth”) spread across different locations in the report.

Updates to list of acronyms and references (citations)

# Motion to seek approval of NG-EPON IC draft

## Motions (3)

- Authorize the NG-EPON IC Acting Chair to seek 802.3 WG approval on draft report D3.0 at the closing plenary.

- Moved by: Kevin Noll
- Seconded by: Duane Remein

- Technical motion, >75%

- Yes: 14
- No: 0
- Abstain: 0

- Motion passes (16:25)

# Motion X

Move to approve draft D3.0 of NG-EPON IC report, as posted online at: http://www.ieee802.org/3/ad_hoc/ngepon/private/report/NG_EPON_IC_R3_0a.pdf

Moved by: Marek Hajduczenia, on behalf of NG-EPON IC ad-hoc

Technical motion, >75%

Yes:

No:

Abstain:

Motion passes / fails (time)

# Motion X+1

Move to disband NG-EPON IC ad-hoc.

Moved by: Marek Hajduczenia, on behalf of NG-EPON IC ad-hoc

Technical motion, >75%

Yes:

No:

Abstain:

Motion passes / fails (time)

Questions?

Thank you!