

# Enterprise noise and use case analysis ad hoc report

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IEEE 802.3 NGEABASET  
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Mr. Chalupsky announced the formation of the “Impulse noise and use case analysis” ad hoc and has appointed German Feyh as the ad hoc chair.

Charter of this ad hoc is to 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.

- IEEE 802.3 NGEBASET ENUCA Ad Hoc has:
  - Held two conference calls since the Atlanta meeting:
    - January 28, 2015: 21 attendants
    - February 11, 2015: 24 attendants
- Reviewed 4 presentations:
  - [Test setup proposal and issues for measuring noise on cabling](#) - Bryan Moffitt, Commscope
  - [Impulse Noise Measurement Test Setup](#) - Ramin Shirani, Larry Cohen, Aquantia
  - [Impulse Measurements: Initial Results](#) - Larry Cohen – Aquantia
  - [PBO Breakpoints](#) - German Feyh, Broadcom
- Meeting minutes and presentations can be found at:
  - <http://www.ieee802.org/3/NGEBASET/public/entnoise/index.html>

- Measurement and consensus of external noise:
  - Impulse responses and
  - Frequency of occurrence.
- Use case analysis
  - Model improvement for:
    - Short cables and
    - Mitigation techniques.

# Thank you

