

IEEE P802.3dg 100 Mb/s Long-Reach Single-Pair Ethernet Task Force Closing Report

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802 Plenary
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IEEE P802.3dg Project Information

Task Force Organization

George Zimmerman, IEEE P802.3dg Task Force Chair

TBD, IEEE P802.3dg Task Force Vice Chair

TBD, IEEE P802.3dg Task Force Secretary

Task Force web and reflector information

Reflector information: <https://www.ieee802.org/3/dg/reflector.html>

Home page: <https://www.ieee802.org/3/dg/index.html>

Private area: (none yet)

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PAR: https://www.ieee802.org/3/dg/P802d3dg_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0086-00-ACSD-p802-3dg.pdf>

Objectives: https://www.ieee802.org/3/dg/Objectives_adopted_8023_03172022.pdf

IEEE 802.3dg Study Group

Activities since March 2022 plenary

Held meeting July 13, 2022

Major items discussed, decisions made and actions

- Discussed 3 contributions related to the noise environment and standards

- Identified next steps to progress to baselines on link segment and PHY

- Held discussion of preliminary timeline to draft 2.0

Current status

- Building consensus around noise environment and link in preparation for baseline proposals

Next Meeting & Next Stps

Next meeting – August 3, August 17: 7-9am Pacific (Webex)
Then - September 802.3 Interim

Potential Timeline

- Sept 2022 – Measurements of Noise, Link segments examples
 - Need to consider hybrid cables, separation of circuits, internal coupling
- Nov 2022 – Potential PHY & Link segment baseline starts
- Jan 2023 – PHY baseline discussion
 - Link segment baselines (electrical characteristics of communication) selected
- Mar 2023 – Draft 1.0 (baseline selected)
- May 2023 - TF review
- July 2023 – Draft 2.0 target.

Questions?

Thank you!