

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

Bob Voss, 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 Task Force

Activities since November 2022 plenary

Held meeting Wednesday March 15, 2023

Heard 4 technical presentations (link segment & PHY analysis)

Major items discussed, decisions made and actions

- Discussed contributions related to link segment parameters

- Discussed contributions related to potential PHY parameters

- Adopted proposals for link segment insertion loss, crosstalk noise & return loss

Current status

- Building consensus on PHY parameters

Adopted Timeline (9/13/2022)

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, Initial WG ballot

November 2023 – approval/conditional approval for SA ballot

January 2024 – Draft 3.0 Initiate SA ballot

June 2024 – complete SA ballot, Revcom & SASB

Status to Adopted Timeline (9/13/2022)

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 **(REFINING)**

Mar 2023 – Draft 1.0 (baseline selected) [Likely at least July 2023]

===== Below to WG ballot slips, possible catch up after that =====

May 2023 - TF review

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Next Meetings

Wednesday March 29, ad hoc

7am to 9 am pacific time...

See <http://www.ieee802.org/3/calendar.html> for information

Further ad hocs as contribution requests desire

May IEEE 802.3 interim

Follow on topics: PHY proposal (PCS, PMA, etc.)

Questions?

Thank you!