

IEEE 802.3 Channel Operating Margin (COM) Ad Hoc

Howard Heck
TE Connectivity
Munich, Germany
14 May 2026

IEEE 802.3 COM Ad Hoc

- Ad Hoc Organization
 - Howard Heck, IEEE 802.3 COM Ad Hoc Chair
 - Kent Lusted, IEEE 802.3 COM Ad Hoc Vice-Chair
- Ad Hoc Web and Reflector Information
 - Home Page – https://www.ieee802.org/3/ad_hoc/COM/
 - Reflector Information – https://ieee802.org/3/ad_hoc/COM/reflector.html
 - COM Ad Hoc Calls – see [IEEE 802.3 Call and Meeting Calendar](#)

Open Change Requests

Commit Request #	Submitter	Description	Proposed Disposition
4.14 1	Rich Mellitz	SCMR not using correct channel CA configurations	Accept
4.14 2	Hansel D'Silva	Bug Fix for Crosstalk Path in get_PSDs(): Inconsistent gate length (num_ui*M>length(pulse_ctle)) when resizing hk.k	Accept
4.14 3	Rich Mellitz	RxFFE Quantization Index Bug	Accept

There was unanimous consent in the April 28, 2026 COM Ad Hoc meeting to support the proposed disposition.

WG Motion

- Move to generate COM v4.15 from COM 4.14 and the dispositions per 0526_COM_ad_hoc_interim_report slide 3.

M: Kent Lusted

S: Jim Weaver

Technical ($\geq 75\%$)

Results:

Future Meetings

- COM ad hoc teleconference meetings
 - 2 June 2026, 7-730am Pacific
 - 23 June 2026, 7-730am Pacific

Thank You!

Current COM Code Commit Request Dispositions (WIP)

- Managed at the Task Force level via COM ad hoc for the short-term
- Proposed short-term disposition designations for COM code commit requests were leveraged from the IEEE SA Balloting and Comment Resolution Process Guidelines
 - <https://standards.ieee.org/wp-content/uploads/import/governance/revcom/guidelines.pdf>
- Disposition Designations:
 - **Accepted:** The group agreed exactly with the commit request and change proposed by the submitter.
 - **Revised:** The group agrees with the commit request (at least in part) and implements a change that is not exactly what the submitter proposed.
 - **Rejected:** The group does not agree to make the change, or cannot come to a consensus to make changes necessary to address the commit request
 - **Deferred:** The group is unable to review or implement the commit request within the specified timeline for the next release
 - **Incomplete:** The commit request is missing details.