

# IEEE 802.3 Channel Operating Margin (COM) Ad Hoc

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# IEEE 802.3 COM Ad Hoc

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- Ad Hoc Organization
  - Kent Lusted, IEEE 802.3 COM Ad Hoc Chair
- Ad Hoc Web and Reflector Information
  - Home Page – [https://www.ieee802.org/3/ad\\_hoc/COM/](https://www.ieee802.org/3/ad_hoc/COM/)
  - Reflector Information – In process
  - COM Ad Hoc Calls – see [IEEE 802.3 Call and Meeting Calendar](#)

# Open Change Requests (1/2)

Commit Request #	Submitter	Description	Proposed Disposition
<a href="#">4p8_1</a>	Hossein Shakiba	Request 4p8_1: Correction in Implementation of Equation 187A-42 in D1.4 in the COM Matlab Code	Accept
<a href="#">4p8_2</a>	Hossein Shakiba	Request 4p8_2: How to Handle negative 'delta COM' in the COM Matlab Code	Accept
<a href="#">4p8_3</a>	Hossein Shakiba	Request 4p8_3: Correction to Calculation of 'g_an', Scale Factor for Added Noise	Accept
<a href="#">4p8_4</a>	Hossein Shakiba	Request 4p8_4: Adding an Independent Parameter in COM Configuration for the Receiver Impairment Target	Accept
<a href="#">4p8_5</a>	Hossein Shakiba	Request 4p8_5: Improving COM Simulation Run Time in the Presence of Quantization Noise	Incomplete

# Open Change Requests (2/2)

Commit Request #	Submitter	Description	Proposed Disposition
<a href="#">4p8_6</a>	Adam Gregory	Request 4p8_6: Optimize FOM Reduction	Deferred
<a href="#">4p8_7</a>	Rich Mellitz	Request 4p8_7: SNDR (REF) commit request	Accept
<a href="#">4p8_8</a>	Rich Mellitz	Request 4p8_8: SNR MDNEXT commit request	Accept
<a href="#">4p8_9</a>	Adam Gregory	Request 4p8_9: MMSE FOM Speed Up commit request	Deferred

# COM Ad Hoc Straw Poll

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## Straw Poll #1:

I would support the proposed dispositions per lusted\_COM\_01a\_2505

Results: Y: 25 N: 0, A: 11

3

# WG Motion

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- Move to generate COM v4.9 from COM 4.8 and the dispositions per 0525\_COM\_ad\_hoc\_interim\_report slides 3 and 4

M: Kent Lusted

S: Howard Heck

Technical ( $\geq 75\%$ )

Results:

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# 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.