

Agenda and General Information

Architecture Ad Hoc meeting of
IEEE 802.3 Backplane and Copper Study Group
“CU4HDDsg”

Acting Chair, Yong Kim
Broadcom

ad hoc call on 2015-08-27

Proposed Agenda

- Welcome and Introductions
 - IEEE patent policy reminder, and <http://www.ieee802.org/3/patent.html>
 - Meeting guidelines, <https://development.standards.ieee.org/myproject/public/mytools/mob/slideset.pdf>
 - Attendees' names and affiliations will be taken from the Webex participants list
- Approve Agenda
- Goals of Architecture ad hoc meetings
- Presentations (note: hard stop at 10 am PDT/USA) & Planning.

Title	Presenter(s)	Affiliation(s)	Notes
Strawman CSD for consideration	Yong Kim, et al	Broadcom	8/27
Objectives for consideration	Anthony Calbone, et al	Seagate	8/27
Strawman PAR for consideration	Yong Kim, et al	Broadcom	If fits
Outline of work needed to leveraging existing clauses for 2.5/5GBASE for backplane	William Lo	Marvell	TBS

Goals of Architecture ad hoc meetings

Charter:

- The charter of the 2.5G/5G Ethernet Backplane and Copper Study Group Architecture Ad Hoc is to discuss the different areas of work (RS/PCS/FEC/PMDs/AN/EEE) that will fall under the work of the study group and to prepare content, and contributions towards the study group's goal of developing the required documentation of objectives, PAR and CSD.

Possible Ad Hoc Meeting Topics

2.5G & 5G Ethernet on Backplane and Short Reach Copper Cable CFI

Possible topics for Study Group

- BER/Reliability requirements
 - SAS/SATA BER coordinated with IEEE 802.3 BER considerations.
- Clause 73 Auto-Negotiation
- Compatibility Considerations
 - Coexistence with other backplane(s) between 1G to 10Gb
- Energy Efficiency and EEE
- Market needs for the short reach copper (“TwinAx”)
- XGMII/GMII/PCS compatibility to 802.3bz

IEEE 802.3 CFI Presentation to help build consensus – July 2015 Plenary

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Note: Before the next Meeting – Intends to start a to-do list to help encourage contributions in these areas.

Presentations

Thank You!