

Minutes NGEABT Architecture AdHoc meeting 9 December 2014

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones
2. Work Items (or plan for January in Atlanta) Peter Jones/Dave Chalupsky
3. PAR Draft Peter Jones
4. CSD Draft Peter Jones
5. Objectives Peter Jones

Presentations posted (after the fact) at:

<http://grouper.ieee.org/groups/802/3/NGEBASET/public/archadhoc/index.html>

Agenda/Admin Peter Jones:

Meeting began at 9:05 am PST

1. Reviewed the Attendance information related to the ad hoc.
2. Reminded people to review the IEEE patent policy, no one responded.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. Presented the proposed agenda. No objections or additions.
5. Presented the draft minutes for 11/25 – approved.

Presentations/Discussion

Work Items Peter Jones/Dave Chalupsky

- Discussion about goals of this deck.
- Chair/Ad Hoc chair trying to set goals and agree work to get done to move forward
- Some of these goals will get dropped, changed etc., that's OK.
- Wireless AP Ethernet data rates, need to figure out how to present what's reality in past/present/future vs what is theoretically possible. People agreeing on basic goal, need to figure out how to get it done.
- Two items added during call, both asking to start a discussion (not have all the answers). Both have owners to start making progress.
 - How to test installed base?
 - Enterprise cabling noise characterization, what are relevant noise sources?

PAR Draft Peter Jones

- Main change is speed language.
- Very little discussion.

CSD DRAFT Peter Jones

- Main change is speed language.
- BMP slide – are we ok with the graphic here? Need to check with 802.3 old hands.
- Technical Feasibility - Confidence in reliability - Still looking for volume over time numbers for 10GBASE-T.

Objectives Peter Jones

- BER ratio 10^{-12} settled at previous meeting, if not convinced, talk to GZ or make contribution.
- Copper media “augmentation” text. Discussion of meaning of text, accepted this is the right text
- Meatiest Objective - 5G over 5e
 - Wordsmithed proposed objective.
 - Agreed that the right goal is a single 5G PHY, one of
 - does “up to at least” 100M/Cat6, and “up to” 100M/Cat5e
 - does “up to at least” 100M/Cat5e
 - This would supersede the less controversial objective for 5 G/100M/Cat6
 - Propose taking a straw poll next meeting when we have more interest groups in the meeting to assess feeling of group.

Discussion:

- Not much.

Meeting closed 10:00am PST

Attendees (Webex)

Name	Company/Affiliation	attended 12/9
Amrik Bains	Cisco	y
Anna An	Foxconn	n
Arthur Lee	Mediatek	n
Bob Wagner	Panduit	y
Brian Bucmeier	Bel Fuse	n
Brian Jaroszewski	Vitesse	n
Carrie Higbi	Siemom	n
Chris Diminico	MC Communications	n
Dave Estes	Spirent	n
Dave Jeskey	Sentinel Connector	n
David Chalupsky	Intel	y
David Chen	Nokia	n
David Estes	Spirent	y
David Law	HP	n
David Tremblay	HP	n

Derek Cassidy	BT	n
Dieter Schicketanz	??	y
Duane Remein	Huawei	y
Ed Gastle	JDSU	n
George Zimmerman	CME - Commscope & Aquantia	n
German Feyh	Broadcom	y
Greg McSorley	Amphenol	n
Hans Lackner	QoSCom GmbH	y
Jacky Chang	HP	y
Jim Graba	Broadcom	n
Kaku Shinkyō	Allied Telesis	n
Kamal Dalmia	Aquantia	n
Lars Lindskov Pedersen	Delta	n
Masood Shariff	Commscope	y
Matt Brown	APM	n
Mike Good	Berk-Tek, LLC	n
Neven Pischl	Broadcom	n
Paul Hathaway	??	n
Paul Langner	Aquantia	y
Paul Mooney	Spirent	n
Paul VANDERLAAN	Berk-Tek	y
Pete Cibula	Intel	n
Peter Wu	Marvell	y
Peter Jones	Cisco	y
Rick Rabinovich	Alcatel-Lucent	n
Ron Tellas	Panduit	n
Scott Kipp	Brocade	n
Steve Sedio	Foxconn	y
Theodore Brillhart	Fluke	y
Thuyen Dinh	Pulse	y
Todd Herman	Commscope	n
Tom Souvignier	Broadcom	y
Victor Renteria	Bel Fuse	y
Vineet Salunke	Cisco	n
Yong Kim	Broadcom	n