

IEEE 802.3

CU4HDD Study Group – Task Force Ad Hoc Minutes - 21-Apr-2016

Prepared by Dan Smith, acting chairman

Call began on 4/21/2016, at 11:07 AM, MT.

Agenda:

- Continuing Channel/Electrical discussion to try to complete that portion of the draft.

Preliminaries:

Patent statement was presented with no response from the participants.

Presentation/Discussion:

- Yong Kim opened draft 8023cb_D0p4-1.pdf. (This is posted to the Private Area.)
He began a brief explanation of changes to base.
 - George mentioned Amik's slides 5 and 6 as a source for calculating the MAC *TBD* numbers for Clause 31.
 - Clause 125 is a total text review. Later, we will remove the unnecessary text. 125 is ready for final review.
 - Clause 127 is ready for final review.
 - Clause 128 still needs *TBDs* fulfilled (marked as ???). Need to address all Editor's Notes.
 - George suggested that information needs to be added to determine at what stage of this process the resolution is needed.
 - Clauses 127/128 describe 2.5G and Clauses 129/130 describe 5G.
 - Annex 128A and Annex 130A
- Peter explained content in Clause 128.7. The numbers shown are based on measurements and considered acceptable for now. Further review may lead to final changes.
 - Rich was concerned the Clause 71 may define the loss differently. If we don't use 71 and SGMII, do we meet the objective?
 - Yong stated that we need to be careful that we do not make it incompatible with current standards. This might also jeopardize the schedule – is it really needed? Rich said it needs to meet the objective or we should change the objective.
 - Rich thinks what we have is a good start, allowing people to comment and request change, if needed.
 - Yong is only concerned that the 'Storage' objective be met without becoming incompatible.
- Peter explained that 130.7 is scaled to the 5G numbers.
 - Transmitter waveform needs updating.
 - Transmitter was changed to 1-tap EQ.
 - We need an informative Annex for chip-to-chip (actually, for both speeds).

- Deadlines for these draft updates: 1 week from today.
- Anthony review Annex 128 and 130 were assembled.
 - Sticking point: need a new name; can't use AUI. David stated that this is actually an MDI
 - George: don't worry about contentious comments – eliminate *TBDs* and move on.
- Yong will post draft D0.5 today with a formal reflector notice email. This will be our next review draft that everyone needs to make changes to and sent to Yong in the next 3 weeks. That will become draft D0.6
 - If you would like a working draft, in Framemaker, request the zip file from Yong.
- Comment Review Request will be sent by Dan, ASAP.

Adjourned: 12:24 PM, MT time, Next call, Thursday, April 28, 2016.

Attendees:

Name	Affiliation	Attended 3/31/2016	Attended 4/21/2016
Calbone, Anthony	Seagate	X	X
Carlson, Mark	Toshiba		
Chalupsky, David	Intel		
Chandrian, Ajith	Cisco		
Chang, Jacky	HP		
Cox, Alvin	Seagate	X	X
Czekalski, Marty	HGST	X	X
D'Ambrosia, John	DELL		
Feyh, German	Broadcom		
Ghani, Abbas	Ericsson		
Haser, Alex (Ms.)	Molex		
Healey, Adam	Broadcom		
Horner, Rita	Synopsys	X	X
Jones, Peter	Cisco		
Kim, Yong	Broadcom	X	X
Kipp, Scott	Brocade		
Law, David	HP	X	X
Lo, William	Marvell	X	X
Marris, Arthur	Cadence		
McCarthy, Mick	Analog Devices		
McMillan, Larry	Western Digital		X
McSorley, Greg	Amphenol		
Mellitz, Rich	Intel	X	X
Poh, Ed	Molex		
Parthasarathy, Vasu	Broadcom		
Rahman, Hamza	Dell		
Ran, Adee	Intel		

Name	Affiliation	Attended 3/31/2016	Attended 4/21/2016
Schoenhals, Mark	Marvell		
Sedarat, Hossein	Aquantia		
Sinha, Santanu	Broadcom		
Skaar, Tom	Seagate	X	X
Smith, Dan	Seagate	X	X
Sommers, Scott	Molex		
Souvignier, Tom	Broadcom		
Suhler, Paul	HGST		
Sun, Phil	Marvell		
Svensen, Justin	LIT		
Telang, Vivek	Broadcom		
Tsang, Dennis	Halo		
Tenea, Bogdan	Ixia		
Tracy, Nathan	TE Connectivity		
Tran, Paul	Marvell		
Walker, Dylan	Walker		
Wang, Roy	HPE		
Wassenberg, Paul	Marvell	X	
Wu, Peter	Marvell	X	X
Zemach, Rami	Marvell		
Zhang, Jin	Marvell		
Zhang, Vince	Halo		
Zimmerman, George	CME Consulting, Inc.	X	X
Zimmerman, Yaron	Marvell		
Attendee Count:		13	13