TDD sub-Task Force – Minutes June 17, 2013

Provided the IEEE-SA Patent Policy link. Everyone on the call was familiar with the patent policy.

- https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf

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TDD Cycle

Steve Shellhammer (Qualcomm)

C: Need to consider what to do it a new CNU comes on line that is farther than the others.

C: The length of the guard time depends on where you are.

C: Need to architect this so we have few splitters so most of the loss is due to cable loss

C: We need a higher time resolution for time measurements

C: This seems like too coarse. I would like to see finer resolution. In EPON the guard time is in multiples of TQ, which is 16 ns.

C: would tend to make the upper limit above 640 us. I would like to see something like twice this.

C: From a configuration point of view, I would like to see up to multiple ms.

C: We cannot fragment Ethernet frames.

C: Question to PHY team, what is the minimum number of symbols in a TDD DS or US

C: The lowest RTT should be zero, so it works on a bench

C: The highest RTT should be the longest from the Node to the first amplifier.

C: For a new network, which is attenuation limited instead of split limited, and then it could be longer.

Attendance

Person	**Affiliation**
Jim Farmer	Aurora Networks
Marek Hajduczenia	ZTE
George Hart	Rogers
Raanan Ivry	WidePass
Bill Keasler	Ikanos
Mark Laubach	Broadcom
Michael Peters	Sumitomo Electric
Bill Powell	Alcatel Lucent
Duane Remein	Huawei
Steve Shellhammer	Qualcomm
Joe Solomon	Comcast