TDD sub-Task Force – Minutes April 8, 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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EPoC TDD Proposal
Zhao Hui (Peking University)

Q: This frame structure is designed for TDD, is there a different frame structure for FDD?
A: This frame structure can also be used for FDD.

Q: Can you explain the "MAP cycle?"
A: The MAP cycle is a term used to describe the time period, between two downstream frames.

Q: How does this frame structure (used for access and maintenance) compare to the PHY Link channel for this purpose?
A: Since the preamble is transmitted periodically, the new CNU can receive this preamble signal and use this frame to complete the initial access. Also an attached CNU can use this for channel access. We will look into the PLC to compare them.

Q: Have you looked at how the current pilot structure proposals compare to this probe frame for channel estimation?
A: In this proposal the preamble is used for channel estimation and we can also have pilots to supplement the preamble.

C: I suggest that you compare this proposal to the PLC proposal and the current pilot structures for channel estimation.

Attendance

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