

## Evaluation Criteria and Requirements Ad Hoc – Minutes Feb 20, 2013

Provided IEEE-SA Patent Policy.

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

Everyone on the call was familiar with the IEEE patent policy.

### Presentation

#### Power Savings in EPoC

Marek Hajduczenia

In EPON how does the OLT know the power on and off times for an ONU? Those values are communicated over OAM.

SIEPON can change the on time and off time on a cycle-by-cycle basis.

If there are a large number of CNUs, can we use PLC to wake up a number of CNUs, since it may be faster to wake-up? You would need to configure a number of CNUs to listen to the PLC channel. We do not have addressing on the PLC channel since it is a broadcast channel.

So SIEPON protocol can address multiple CNUs. Currently it is done with unicast control, even with 256 ONUs and it works fine.

We could consider leaving on the time and frequency synchronization tracking loops on to allow for fast resynchronization.

Would it be possible for SIEPON to liaison to 802.3bn? Yes, the SIEPON WG will be sensing [sending] a liaison to 802.3 after the current SIEPON meeting.

### Straw Poll #1

For power-saving mechanism in EPoC, I prefer to take the following approach:

Approach 1 (slide 13)	1
Approach 2 (slide 14)	0
Need more time to study both proposals	9
I am too confused about what you're really asking – need more time to digest the slides	0

**Attendance List**

<b>Person</b>	<b>Affiliation</b>
Jim Farmer	Aurora
Andrea Garavaglia	Qualcomm
Marek Hajduczenia	ZTE
Bill Keasler	Ikanos
Avi Kliger	Broadcom
David Law	Hewlett Packard
Leo Montreuil	Broadcom
Bill Powell	Alcatel Lucent
Steve Shellhammer	Qualcomm
Nicola Varanese	Qualcomm