

P802.3bn EPoC Work Item and Socialization conference call – Minutes

Wednesday, October 21, 2015

Meeting opened: 10:35 am pacific

Meeting closed: 11:15 am pacific

IEEE-SA Call for potentially essential patents. Refer to:

- <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>
- Response to call: no response to call

Presentation / Socialization / Discussion Items

- Discussed comments 4241, 4243, 4242, 4240 & 4230. Editor to send comments to the material contributor for input.

Attendance:

Bill Powell	Alcatel-Lucent
Leo Montreuil	Broadcom
Victor Hou	Broadcom
Duane Remeinl	Huawei

=====**END OF MINUTES**=====

Cmt# Type Cl Pg Line

Cmt:

Sug

4241 TR 101.5.1 218 8

Cmt: The technical aspect of text in 101.5.1 is described in an unclear manner. 802.1AS does not know anything about ToD_EPOC_CLTXi and rather than define new variables, a simple addition should be simpler

Sug: Change equation 101-38 to read: $ToDX_i += T_CORR_CLT$.

Remove definitions of ToD_EPOC_CLTX,i and DiffDelay_CLT

Change definition of T_CORR_CLT to read: "is equal to 0.5 x DiffDelay (see 101.5.4)"

Change the text preceding the equation to read: "The CLT using the timing and synchronization mechanism defined in IEEE Std 802.1AS, Clause 13 shall recalculate the value of ToDX,i (see IEEE Std 802.1AS, 13.1.4) using Equation (101-38)."

4243 TR 101.5.2 218 24

CMT: Based on the existign text in 101.5.2 and also equation 101-39, it is not clear what time reference value the CNU should be correcting: ToD_EPOC_CLTXi received from the CLT? Local time from the CNU? The way the equation is structured right now, it seems that the CNU calculates the value of ToD_EPOC_CLTXi, which is also calculated in 101-38.

Sug: The utility of equation 101-39 is unclear.

4242 TR 101.5.2 218 24

CMT: There is something wrong with equation 101-39. If the left side is substituted with 101-38 we have then:

$ToDX_i + T_CORR_CLT = ToD_EPOC_CNUX_i + T_CORR_CLT_i$

Given that correction factor for CLT side is constant for the given CLT, we have

ToDX,i = ToD_EPOC_CNUX,i
which is not correct

Sug: I believe in equation 101-39, term "T_CORR_CLTi" should be "T_CORR_CNUi", which would be also consistent with definitions under the equation

4240 T 101.5.2 218 26

CMT: What is "xxx" in "each CNUi should correct the xxx" ???

SUG: Seems that "xxx" can be removed without any loss of information