

Agenda:

Patent Call:

Action Items:

New Items for discussion:

Low Power modes:

PAR updates:

Next Meeting:

Patent Call:

No new patents claimed.

Action Items:

No draft yet, having difficulty between terminology between 802.3 & 1394

No c-code yet

Resolving PAR issues– talking to 802. personnel

New Items for discussion:

a) Repeating issues between S800T port and nominal 1394 port; Can the Phy delay be accommodated? Will larger PHY management registers fields be needed for 1394 & 802.3?

GigE-MAC needs to know 1394 but other side may be able to do Ethernet. Don't step on 802 toes. Issue does need to be worked.

b) Will autonegotiation support S100 1394b? If say S100 must support what the standard does.

Need to add to autonegotiation S100 1394b. May need a new message code for other than S800 speed.

Low Power modes:

Colin WS reviewed low power mode document (distributed by email dated 11 August 2003).

Power states.

Tradeoff for recovery time versus power used on S800T low power modes.

Disconnected autonegotiation sequence.

Discussion about existing 802.3 that uses fast link pulses today.

1394 power management negotiation, probably 1-2 seconds with a visible or audio indication that process has started. Indication should be a side band signal that gives a signal for every time it must happen.

Need to explore connections between tone and suspend state. Want to be able to detect normal mechanical plugs and unplugs.

Nature of outgoing signal for Ethernet?

**Action Item:** What should connection detect signal look like across Ethernet. Make sure it does not break existing Ethernet devices, so make very different from existing Ethernet pulses.

Lunch

PAR updates:

Discussion of suggestions for changes to PAR.

Many 802 objections were made to initial PAR text. Committee worked on rewording to accommodate suggestions. Agreed to modified wording to address objections.

The initial proposed S800t had been read into the 802 plenary minutes March 10-14, 2003. It has always been the full intention of S800T to proactively engage 802.3 with a formal liason as soon as the working group is established by approval of the PAR. Once a written document is created it will be forwarded to 802 through the liason.

New par to be circulated to members and then forwarded on to the IEEE.

Next Meeting:

Next meeting: Sept 23 in San Jose on Zanker road Broadcom. 10:30 – 3:00 .

Tentative Oct 20 before the next 1394 TA meeting.

Meeting closed

Regards, Burke Henahan