

MEETING 20 MINUTES:

Call to Order UPAMD Power Subgroup meeting – Paul Panepinto 5pm Pacific 14 July 2011

- I. Introductions/Attendance
Bob Davis, Edgar Brown, Paul Panepinto, Lee Atkinson,
- II. Approval of 07/14/2011 Power Subgroup Agenda
Motion to Approve – Bob, Seconded – Lee.
- III. Presentation of 06/30/2011 Power Subgroup Meeting 19 Minutes
Motion to Approve – Edgar, Seconded – Bob.
- IV. IEEE Call for Patents. See
<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>
- V. Drafting the definition of priority and its uses
Priority was discussed and reviewed. A document was produced that will be distributed to the broader UPAMD group for review.
- VI. Status on Use-Cases – validating correctness and completeness
A question came up whether or not a preamble exchange of information might be desirable prior to negotiating power. We concluded that we would exchange some emails on the topic.

We covered two use-cases from the point where a device connection was detected and assuming any preamble exchange of information (if added to the UPAMD state machine) was done. We found the state machine to be valid for the use case of a dumb sink connected. We found no obvious problems with the many possibilities of a smart sink being connected. Many possibilities include insufficient power being available and voltage or power requirement changes made.

What is in the preamble exchange of information? Version, product, vendor information, special needs, etc.)

- VII. UPAMD formal template (voltage, current, low-power disconnect)
Bob to package.
- VIII. New business?
 1. Review of the 2 Power Messages.
5 bits may not be enough for the Status field, because status problems may not be mutually exclusive. This needs more study.
We specified that a default Request Priority and Normal Application Criticality assignment for dumb devices be assigned.

2. Consider the need for preamble info exchange prior to power negotiation
3. Consider what status information related to power must be conveyed.

IX. Adjourn
Motion – Edgar.