

## **Universal Power Adapter for Mobile Devices (UPAMD) Working Group**

Tuesday 20 July, 2010 at 5:00PM PDT(0000GMT)

Teleconference ONLY

Start Time: 20 July 5:00 p.m. PDT End Time: 6:00 p.m. PDT UTC-7

Start Time: 20 July 8:00 p.m. EDT End Time: 9:00 p.m. EDT UTC-4

Start Time: 21 July 8:00 a.m. Taiwan End Time: 9:00 a.m. UTC+7?

Start Time: 21 July 9:00 a.m. Japan End Time: 10:00 a.m. UTC+8?

Dial-in Number: (866) 349-5441: International (706) 643-0747

Participant Access Code: 4088571273

### **Preliminary Agenda**

Call to Order UPAMD Working Group meeting - Bob Davis

0000Z 21July2010

- I. Introductions/Attendance
- II. Approval of Agenda
- III. Approval of Minutes from 6 July 2010 meeting
- IV. IEEE Patent slides presented. See <http://standards.ieee.org/board/pat/pat-slideset.ppt>
- V. Officer elections results – Dan Dove
- VI. Start to review the overall goals of the group. Solicit new input.
  - a. Life expectancy of 10 years, hopefully more
  - b. Same connector for All device and adapter connections if detached cable
  - c. Power range >10W – 130W delivered power to device and is brand, model, and year agnostic
  - d. First adapter must work with last device and last adapter with first device. Standard Compatibility.
  - e. Adapter<->Mobile Device communications required for higher power safety >7W.
  - f. Standard designed to support Certification testing of adapter and device (and cable)
  - g. Continuous communications growth to support growth of UPAMD capability.
  - h. Basic power delivery mechanism
    - i. Must support regular non-battery and battery powered devices
  - i. Device may be capable of being a source as well as a sink of power
    - i. To supply power other devices beyond the USB 10W power range
    - ii. Able to share power for mission critical or business critical applications if willing
  - j. Make independent of rapidly changing technology
    - i. Multiple battery technologies currently used – no common adapter or battery voltage
    - ii. Consider isolation to meet medical power needs
  - k. Consider future mobile device design options
    - i. Smaller profiles, headed for 10mm to 5mm? Different shape devices, non-edge usage
  - l. Connector must not mate with any current designs – product Safety issue – no confusion
  - m. Apply KISS principle – Keep It Simple Stupid within the other goals.
  - n. Environmentally friendly to eventual disposal
- VII. New Business
- VIII. Next meeting 3/4 August 2010.
  - a. Adoption of the General Goals
  - b. Start Communications discussion as it may affect Connector discussion
- IX. Date for a Face – Face meeting in the late mid-late August time frame in SFBay area. Need host
- X. Other concerns of the group
- XI. Adjournment.

Please send any changes or additions to Bob Davis [bobd@scsi.com](mailto:bobd@scsi.com).