

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

Tuesday 3 August, 2010 at 5:00PM PDT(0000GMT)

Teleconference ONLY

Start Time: 3 August 5:00 p.m. PDT End Time: 6:00 p.m. PDT UTC-7

Start Time: 3 August 8:00 p.m. EDT End Time: 9:00 p.m. EDT UTC-4

Start Time: 4 August y 8:00 a.m. Taiwan End Time: 9:00 a.m. UTC+7?

Start Time: 4 August 9:00 a.m. Japan End Time: 10:00 a.m. UTC+8?

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***This call in may be replaced by a WebEx meeting***

### Preliminary Agenda

- Call to Order UPAMD Working Group meeting - Bob Davis 0000Z 4 August 2010
- I. Introductions/Attendance
  - II. Approval of Agenda
  - III. Approval of Minutes from 20 July 2010 meeting - Austin
  - IV. IEEE Patent slides presented. See <http://standards.ieee.org/board/pat/pat-slideset.ppt>
  - V. Final review and adoption of the overall goals of the UPAMD/P1823 Working Group. This list will be shortened with the results of the last meeting and reflector submissions.
    - 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 >0.7W
    - 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 (A requirement, not needed as a goal)~~
  - VI. New Business
    - a. Start seeking candidates for Chairs for Sub-Committees for connector, communication and power working groups.
  - VII. Next meeting 17 August 2010.
    - a. Connector, Communications, and Power Goals.
    - b. Start Communications discussion as it may affect Connector discussion
  - VIII. Date for a Face – Face meeting in the late mid-late August time frame in SFBay area. Need host
  - IX. Other concerns of the group
  - X. Adjournment.

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