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
Minutes – approved 3 August 2010

Call to Order UPAMD Working Group meeting - Bob Davis 0000Z 21July2010

I. Introductions/Attendance
II. Approval of Agenda - Dan Dove moved approval - approved without objection
III. Approval of Minutes from 6 July 2010 meeting Leonard Tsai moved approval, Minutes Approved
IV. IEEE Patent slides presented. See http://standards.ieee.org/board/pat/pat-slideset.ppt
    a. Paul Panepinto identified Green Plug, Inc. as having patented technologies in the area of this standard. David Ringle from IEEE SA Patent committee will send a request for a Letter of Assurance (LOA) to Green Plug, Inc.
    b. Bob Davis put out a call for patents that people would like to bring to the attention of the committee. Members should send to Bob Davis. The IEEE Patent Committee will then send a letter requesting how their company would like to treat the patent. Members were referred to the IEEE website for more information (e.g., search on "Patent Assurance").
V. Officer elections results – Dan Dove: Required quorum 16 votes; Votes received 16 by close of Ballot; Elected officer:
    a. Chair – Bob Davis
    b. Vice-Chair – Leonard Tsai
    c. Secretary – Austin Stoudenmire
VI. Start to review the overall goals of the group. Solicit new input.
    a. Life expectancy of 10 years, hopefully more – no comment
    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. Paul Panepinto, Isaac Cohen, commented on large range.
    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~~.
        i. Anand suggest lower power possibly 50ma. (possible s60601-1 compliant)
    f. Standard designed to support Certification testing of adapter and device (and cable) Gary Tomlins … Wants self certification -
    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 (s60601-1?)
    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 – Paul – agrees with safety.
m. Apply KISS principle – Keep It Simple Stupid within the other goals.
n. Environmentally friendly to eventual disposal

VII. New Business
a. Bob Davis led a discussion regarding the potential use of Office Live/WebEx during meetings. Calls to IEEE suggests Webex. Trial run shortly.

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. Angela Moved Adjournment; meeting adjourned 1835 PDT 0135Z

Please send any changes or additions to Bob Davis bobd@scsi.com.