

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

Start Time: 22 November 2011 5:00 P.M. PST UTC-7 (0100GMT/Zulu 23 November 2011)

<http://www.timeanddate.com/worldclock/fixedtime.html?msg=UPAMD+Working+Group&iso=20111122T17&p1=900&ah=1&am=30>

World Wide Local Dial in telephone numbers see Intercall's [list](#)

***This will be a WebEx meeting***

Webex Meeting Number: 592 864 169, Go to <https://intercall.webex.com/intercall/j.php?J=592864169>

Call-in toll-free number: 1-866-349-5441 (US/Canada) Conference Code: 408 857 1273

### **Approved Minutes**

Call to Order UPAMD Working Group meeting - Bob Davis 0105Z 23 November 2011

- I. Introductions/Attendance
- II. Approval of Agenda M: Alex Schneider, S: Vern Brethour – Approved as modified
- III. Approval of Minutes from 8 November 2011 meeting see [Minutes](#) – M: Ignatius Lee, S: Edgar Brown. Approved as posted
- IV. IEEE Patent slides presented. See

<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

#### V. UPAMD Goal Focus

- a. Results of Loss of Communications during power delivery(how long?)
  - i. Revert to 21V@1A = non-communicative power level?
  - ii. Continue power level being used prior to loss of communications?
  - iii. Option to have pre negotiated continuous power available
- b. Communications capabilities
  - i. Should UPAMD be restricted to simple register communications as in power request and power available and simple direct attached register reads?
  - ii. Should UPAMD implement basic message communications?
    1. Allow messages to propagate in system
    2. Allow discovery of connected elements
    3. About 2 weeks of work needed
    4. No cost implications to products

Conclusion from meeting was to implement basic message communications as it will be needed for any future additions to the standard and to allow for manufacturer innovation.

Following the meeting, in an email to the group from Andy Keats pointed out that the only possible choice on power after communications loss should be to keep at the level of power at communication loss. Main point is power may have been negotiated to 9V and being used. Jumping to 21V could be harmful to sink device.

#### VI. Communications Goals – Edgar Brown

- a. Review Subcommittee Chair presentation and subcommittee progress.
- b. Discovery of devices attached - addressing
- c. Data transfer protocols

#### VII. Power Goals – Paul Panepinto

- a. Review Subcommittee Chair presentation and subcommittee progress.
- b. Adapter/Source power priority strategy
- c. Revised power charts

#### VIII. Connector Goals – Mark Anderson – Rewrite for next meeting.

- a. Review Subcommittee Chair presentation and subcommittee progress.
- b. [Target](#) definition and target pin surface shape, single com pin [Target](#)
- c. Reworked connector and cable section

#### IX. Conformity/Certification Goals – Bob Noseworthy Not present

- a. Objectives
- b. Planned meeting schedule week following this meeting on Wednesday.

#### X. New Business

- a. Plans for a 1.5 or 2.5 day Face-to-Face Meeting in February in Bay Area to finalize draft.
- b. Discussion to eliminate the early morning calls due to poor European participation. This vote will be taken at next meeting.

XI. UPAMD Working Group Meeting Schedule:

- a. 06 December 2011 at the 7AM Pacific time slot
- b. 20 December 2011 at the 5PM Pacific time slot
- c. 03 January 2012 at the 7AM Pacific time slot
- d. 17 January 2012 at the 5PM Pacific time slot
- e. 31 January 2012 at the 7AM Pacific time slot – possible face to face
- f. 14 February 2012 at the 5PM Pacific time slot – possible face to face
- g. 28 February 2012 at the 7AM Pacific time slot

XII. Other concerns of the group

- a. Subcommittee meetings are scheduled in same time slot as Working Group meeting.
  - i. Connector Committee – same week on Thursday.
  - ii. Communication Committee meets following week on Tuesday
  - iii. Conformity Committee – meets following week on Wednesday
  - iv. Power Committee - meets following week, on Thursday

XIII. Adjournment. M Vern Brethour 1844 PST

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