

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

Start Time: 16 August 2011 7:00 A.M. PDT UTC-7 (1400GMT/Zulu 16 August 2011)

<http://www.timeanddate.com/worldclock/fixedtime.html?msg=UPAMD+Working+Group&iso=20110816T07&p1=900&ah=1&am=30>

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

***This will be a WebEx meeting – SEE Below***

### Unapproved Minutes

- Call to Order UPAMD Working Group meeting - Bob Davis 1408Z 16 August 2011
- I. Introductions/Attendance + Bob Noseworthy
  - II. Approval of Agenda M Alex Schneider S Lee Atkinson. Approved
  - III. Approval of Minutes from 02 August 2011 meeting see [Minutes](#)(fixed) – M- Ignatius Lee, S -Gary  
Approved as published
  - IV. IEEE Patent slides presented. See  
<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>
  - V. Communications Goals – Edgar Brown
    - a. Review Subcommittee Chair presentation and subcommittee progress.
    - b. Progress on CAN bus and header proposal of priority, class, and command
    - c. Identification of attached devices (source and sinks) and paths
    - d. Communication Diagrams
  - VI. Power Goals – Paul Panepinto
    - a. Review Subcommittee Chair presentation and subcommittee progress.
      - i. Changes in the message structure removes the need for the Requested Data byte in both the Available Power Message and the Requested Power Message.
      - ii. Possible replacement byte in the Available Power Message is being sought, there is no obvious choice. What would be useful information to transfer from the source to the device on each Available Power Message?
      - iii. The Requested Power Message, the most obvious replacement for the requested message, is the low order bits from the Stored Available Watt-Hours status to reduce the granularity on the AWH status. Other suggestions are sought to be most useful.
    - b. Adapter/Source power priority strategy
    - c. First message
      - i. Discussion on the content of the first message from a device to the source to identify itself as a smart/active device is underway. We are seeking input as to the best use of the 8 byte transfer. The currently discussed options appear to be:
        1. Requested Power Message – has no identity information or version info
        2. Unique Identifier – to check for loops etc. and help built map
        3. New UPAMD message containing
          - a. UPAMD version and revision
          - b. Stored Power in device
          - c. Requested Power – One byte
          - d. Status?
          - e. Other information for first contact. The device class and priority are conveyed in the header.
  - VII. Connector Goals – Mark Anderson
    - a. Review Subcommittee Chair presentation and subcommittee progress.
    - b. [Target](#) definition and target pin surface shape, single com pin [Target](#)
    - c. Report from Foxconn on Cable construction options
      - i. Reviewed Steve Sedio's latest work on cable construction.
  - VIII. Conformity/Certification Goals – Bob Noseworthy
    - a. Objectives

- b. Planned meeting schedule. Bob will be holding his meetings on the opposite Wednesday to the Working group meeting at the same time as the other sub committees. Tuesday – Communications, Wednesday – Conformity, Thursday – Power. Connectors are on Thursday of the working group week.
- IX. New Business
  - a. OUI AC-54-EC is assigned to 1823/UPAMD.
- X. UPAMD Working Group Meeting Schedule:
  - a. 30 August 2011 at the 5pm Pacific time slot
  - b. 13 September 2011 at the 7am Pacific time slot
  - c. 27 September 2011 at the 5pm Pacific time slot
  - d. 11 October 2011 at the 7am Pacific time slot
  - e. 25 October 2011 at the 5pm Pacific time slot
  - f. 08 November 2011 at the 7am Pacific time slot
  - g. 22 November 2011 at the 5pm Pacific time slot
  - h. 06 December 2011 at the 7am Pacific time slot
- XI. Other concerns of the group
  - a. Subcommittee meetings are schedule in the week between the main meetings.
- XII. Adjournment. M Alex Schneider - Adjourned 0805 PDT

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