(DRAFT) MEETING 2 MINUTES:
Call to Order  UPAMD Conformity/Certification meeting -- Bob Noseworthy  5pm PT 7 Sept 2011

I. Introductions/Attendance
   Radhakrishna Arvapally, Edgar Brown, Bob Davis, Bob Noseworthy, Ravi Subramaniam

II. Approval of previous Meeting Notes
    Moved- Bob D. Seconded -Ravi

III. Approval of Agenda
    Moved- Bob D. Seconded -Ravi
   Introductions/Attendance
   Approval of previous Conformity Subgroup Meeting Notes (Null)
   Approval of 08/24/2011 Conformity Subgroup Agenda
   Patent Slides reviewed
   Technical Review/Updates
   Administrative Review/Updates
   New business?

IV. IEEE Call for Patents.

V. Technical Review/Updates
   Discussion on Connector and Cable
   Cable breaking strength
   Connector breaking strength
   At various angles in ‘x’ or ‘y’ directions and pull strengths
   Need certainly exists for product functionality testing
   Is either or both of these necessary for certification?

Accuracy needs: Bounding range on voltages
   Default 21V
   Communications Power
   first power on the wire – must be 12V +/- 10% at 25mA +/- ??
  Recv dev will assume >20 <21.
   Supply range (PS – power sourcing device)
   Maintain proper voltage across supported current range
   Test C of PS (both PS with connector, and PS with fixed cable)
   Cable loss range (cable resistance 100mOhms +/- ?)
   Length Expected – 0.5m -> 10m
   Every non-fixed cable must support maximum wattage
   For non-fixed cable – measure R / C / L (even for fixed cable)
   Need separate C specs for cable only, and PS-fixed cable
   Cables fixed to a power supply only need support that power supplies maximum
   Tolerance of PD (powered device)
   PS is 21V out +/- 5% (check)
VI. Administrative Review/Updates

- **Status:**
  - Reviewed possible structural paths forward, discussions ongoing.
  - IEEE ISTO / ICAP.
    - [http://www.ieee-isto.org/icap-program](http://www.ieee-isto.org/icap-program)
    - Associated with IEEE-SA, separate certification authority for liability purposes.

- **Timeframe discussion**
  - Standard Ballot – this year
    - USB pushing 100W by/in 2012
    - HDBase-T pushing 100W on Cat5 Ethernet
    - IEEE PoE may develop 100W as well (non-bundled cable env)

- **Scope of conformity/certification**
  - Should UPAMD cert be the last item on the path, or run in parallel to FCC, UL, etc. Testing could be run in parallel but FCC / UL / etc must be provided for the UPAMD logo to be granted.

VII. New Business.

Adjourned circa 6:55pm PT

**Future Meetings:**

7am Pacific, Wednesday, September 21
5pm Pacific, Wednesday, October 5