

(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.

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

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>
    - 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 cert/logo. 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