802.3at L2 (DLL)
Ad-hoc Chair's Report

Wael William Diab

802.3at L2 Ad-hoc Chair

November, 2007

Summary of Ad-Hoc Meetings

- Met 2 times with following high level goals
- Tuesday, November 13th – 90 mins. Agenda below
  - Cover Patent policy
  - Review and approve agenda
  - Cover comment and suggested work areas (see below)
  - Review any new consensus text (if any and time)
  - Review contributions (if any and time)
  - Discuss next steps / next mtg. of adhoc prior to Jan if necessary
- Wednesday, November 14th – 60 mins. Agenda below
  - Cover Patent policy
  - Review and approve agenda
  - Complete comments in suggested work areas (see below)
  - Discuss next steps / next mtg. of adhoc prior to Jan if necessary
- Total of 14 comments assigned to L2 adhoc

Tuesday, November 13th

- Worked through the following 3 work items
  - TLVs: 158
  - Register bits: 205, 207, 113, 206, 204
  - Loss of communication: 209, 61, 213, 208

Wednesday, November 14th

- Worked through the following 3 work items
  - State Machine: 210, 211, 214, 60
- Will hold an adhoc prior to next interim to discuss open work areas without comments
  - Refer to Ad-Hoc presentation summary from October 2007 Interim

TLVs

- 1 Comment – 158
- Fixed an editorial error in the formatting of the table that was inconsistent with LLDP

Register bits

- 5 Comments: 205, 207, 113, 206, 204
- Aligned control and status registers with having DLL and PL classification capability in both the register tables and the associated descriptive text

Loss of communication

- 4 Comments: 209, 61, 213, 208
- Aligned text with resolution from comment 268 from previous draft cycle
- Aligned first timeout with TTL field in TLVs
- Placed text in separate section so it is easier to read
- Explicitly broke out all scenarios for loss of communication
- Reinforced the existing capability of a PSE to remove power at any time per Figure 33-6

State Machine

- 4 Comments: 210, 211, 214, 60
- Broke out state machine into two
  - PSE
  - PD
- Renamed variables that are PSE specific with PSE_
- Renamed variables that are PD specific with PD_
- Fixed a race condition that occurred on exit of RUNNING state
- Update state machine with resolution to other comments, specifically adding loss of communication state

Motion

- Accept the comment resolution to the Layer 2 comments assigned to the ad-hoc per the resolution agreed upon in the ad-hoc
- M: W. Diab
- S: A. Vetteth

- Technical (75%)
- All: Y: 22   N:0   A:3
- .3:   Y: 17   N:0   A:3
- Motion Passes 11:18AM