# 802.3at Layer 2 (DLL) Ad-hoc Chair's Report

## January 2008 Portland Interim

## Wael William Diab – Broadcom

# Work Summary

- Ad-hoc reviewed contribution law_1_0108.pdf
- Ad-hoc created a list of open items to work on between January interim and March plenary
- Ad-hoc took polls regarding
  - Questions for .1
  - TLVs
  - Logistics for conducting work between January interim and March plenary

# Work Items

- Initialization and MIB interaction
- Shutdown and MIB interaction
- Timeout
- Other Topics for Discussion
  - We have defined what happens when a PSE loses communications – what happens when PD loses communication?
  - Timing - complete TBDs - is it complete
    - L2 coming up after L1 complete
    - Responsiveness of dynamic power allocation

# Work Items Contd.

- Other Topics for Discussion Contd.
  - Definitions of state diagram variables
  - Conflict resolution (PSE/PD collision)
  - References to TIA 1057 (if required)
  - Clean up the TLVs
  - Error conditions on L2 coming up
  - Indication to user during L2 coming up
  - Complete or delete Additional Status TLV
  - Indication that 'I'm providing power'
  - Test mode
  - Initialization and MIB interaction
    - Validity of the L2 interaction w.r.t PSE/PD pair

# Straw Poll

- Recommend that the 802.3at Task Force send an informal communication asking the following
  - If we add a new 802.3 subtype, can the subclause reference be in 802.3?
  - If we add a new 802.3 subtype, do we have to implement all the previous sub-types?
  - Can we add new TLV definitions to the entry labeled 802.3 subtype 2, and if so, can we also request modifications to the descriptions?
  - What is the window of opportunity for us pursue any of the 3 options above within the current 802.1AB Revision project?
- Poll:        Y:10  N:0
- People in Room:11

# Straw Poll

- Recommend that the 802.3at Task Force rely only on 802.1AB for the DLL (L2) TLVs

- Poll:       Y: 11       N:0
- People in Room: 11

# Straw Poll

- How many people would be willing to do work on L2 in between the January Interim Meeting and the March Plenary?


- Poll:      Y:11        N:0
- People in Room:11

# Straw Poll

- How many people would try to attend a face to face meeting for the L2 Adhoc prior to the March Meeting. Dial in access will be provided for members that chose not to travel.

- Poll:     Y:8   N:1

- People in Room:11

# Straw Poll

- How many people would prefer to have the face to face meeting for the L2 Adhoc on the
  - East Coast 6
  - West Coast 6
  - Middle of the country 3
  - Don't Care 4

- Chicago Rules
- People in Room:

# Straw Poll

- Investigate a location in DC (Dulles) area for Friday February 29th

- Poll:      Y:9   N:0
- People in Room:11

# Motion

- Move that the 802.3at Task Force send an informal communication asking the following
  - If we add a new 802.3 subtype, can the subclause reference be in 802.3?
  - If we add a new 802.3 subtype, do we have to implement all the previous sub-types?
  - Can we add new TLV definitions to the entry labeled 802.3 subtype 2, and if so, can we also request modifications to the descriptions?
  - What is the window of opportunity for us pursue any of the 3 options above within the current 802.1AB Revision project?

Allow the Task Force Chair or his delegate editorial license

M:Diab          S:Law

- ALL:          Y:26          N:0          A:3
- .3:           Y:22          N:0          A:1
- Passes 10.25AM

# Motion

- Move that the 802.3at Task Force rely only on 802.1AB for the DLL (L2) TLVs

- M: Diab          S: Sastry
- ALL:     Y:23          N:1          A:5
- .3:          Y:18          N:1          A:3
- Tech. Passes 10.27AM