802.3at “Big Ticket Items” List

Last Updated 0507

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Introduction

• Key
  – Color Key
    • Grey=Completed
    • Black=Ongoing
    • Red=Needs attention
  – Names
    • Indicate task leader
    • Task leaders responsible for organizing ad-hoc meetings
    • Task leaders responsible for reporting back to Task Force
    • Task leaders responsible for announcing ad-hocs
• Document to be reviewed and updated on an ongoing basis
“Big Ticket” Items for 802.3at

• Baselines
  – L1 Classification – Clay
  – L2 Classification – Fred/Wael
  – Power/Current
  – Dynamic Voltage and Current – Fred Schindler
  – Gigabit Midspans – Yair Darshan

• Additional L1 Classification work
  – State Diagrams
    • PD – Clay Stanford
    • PSE – Clay Stanford

• Continued work on L2 Classification mechanism
  – Check on 802.1 status – Mike McCormack
  – TLVs in 802.3 – Ramesh Sastry
  – State machines in 802.3 – Ramesh Sastry
“Big Ticket” Items for 802.3at

• Liaison with other SDOs – Wael Diab
  (SDO = Standard Development Organization)

• Cabling – waiting on above
  – Heating data
  – Connectors
  – Safety

• Gigabit Midspans – Yair Darshar
  – Channel Model

• Types supported by .3at
  – Agreement on the definition of types supported
  – Document structure

• Editorial Items
  – PICs – Gerry Nadeau
  – State diagram review – Bob Grow
“Big Ticket” Items for 802.3at

- Management outside of Layer 2 – David Law
- Magnetics – Mike McCormack
  - Current limits and feasibility (technical and economic)
    - Sensitivity analysis
  - Imbalance
  - Specification
    - Can we remove 350 uH requirement – Mike McCormack
      (Requires change to .3 outside of current 802.3at scope)
- Document structure – Matt Landry
  - Maintenance vs. .3af enhancements vs. New Material