

# 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 Darshan
  - 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