

IEEE P802.3at DTE Power
Enhancements Task Force

Classification Ad Hoc
Motions on Classification

7-19-06

Clay Stanford
Linear Technology

Motion 1

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force will add at least one L1 class between the existing 7W and 15.4W classes.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For: 26

For: 24

Against: 2

Against: 1

Abstain: 9

Abstain: 5

Motion 2

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force defined L1 classification power levels will not exceed the maximum power level as determined by the 802.3at committee.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For: 40

For: 32

Against: 0

Against: 0

Abstain: 3

Abstain: 2

Motion 3

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force will use the 2-Event L1 Classification mechanism as shown on p.6 stanford_1_0706.pdf.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For: 30

For: 28

Against: 0

Against: 0

Abstain: 6

Abstain: 5

Motion 4

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force will reserve one or more classes. A future committee may use these to define new, higher power classes.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 5

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force will make allowance for future expansion of the classification mechanism.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 6

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force requires mutual identification:

- An AT-PD must be able to distinguish between an AF-PSE and an AT-PSE
- An AT-PSE must be able to distinguish between an AF-PD and an AT-PD.

Classification will be mandatory in the AT-PD and AT-PSE in order to implement mutual identification. Classification may occur on either layer1 or layer2.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 7

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that class policing by the PSE will be optional.

Motion: Clay Stanford

Second: Yair Darshan

All Present

For:

Against:

Abstain:

802.3 Voters

For:

Against:

Abstain:

Motion 8

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that the 25K signature resistance will not be changed.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 9

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that adding more information into classification such as vendor ID is disallowed.

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 10

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that one of the purposes of classification is to implement power allocation (management) prior to powering the PD.

This will not be submitted

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 11

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that advanced power management, for example dynamic power allocation will not be defined for layer 1.

This will not be submitted

Motion: Clay Stanford

Second:

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 12

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that the classification method will support midspan and endpoint PSEs, i.e. performed in layer 1. **This will not be submitted.**

Motion: Clay Stanford

It is covered in a previous motion.

Second:

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

Motion 13

IEEE 802.3at Task Force July 2006 San Diego, CA

Motion: Move that:

The P802.3at Task Force states that if 4-pair systems are defined, the architecture will be that of two independent 2-pair systems.

Withdrawn

Motion: Clay Stanford

Second: Yair Darshan

All Present

802.3 Voters

For:

For:

Against:

Against:

Abstain:

Abstain:

MOTION MADNESS

OR

MOTION SICKNESS

YOU DECIDE

