



# IEEE 802.3az

# Energy Efficient Ethernet

## Final Report

Dallas, TX  
November 8, 2010

Mike Bennett  
[mjbennett@ieee.org](mailto:mjbennett@ieee.org)



# IEEE 802.3az EEE Contacts

- Task Force Chair

- Mike Bennett ([mjbennett@ieee.org](mailto:mjbennett@ieee.org))

- Web Master

- Bruce Nordman ([bnordman@lbl.gov](mailto:bnordman@lbl.gov))

- Editor-in-Chief

- Sanjay Kasturia ([skasturia@teranetics.com](mailto:skasturia@teranetics.com))



# Reflector and Web

- To subscribe to the EEE TF reflector will be shut down soon

- Task Force web page URL:

<http://www.ieee802.org/3/az/>

- Will soon be archived*

# 802.3az Task Force Report

## ■ Since July Plenary

- Conducted 2<sup>nd</sup> recirculation ballot
- Ballot Open: July 16, 2010
- Ballot Close: Aug 1, 2010

## ■ Interim meeting on August 12, 2010

- Hosted by LBNL
- 1 day without teleconferencing
- 9 people attended
- 5 Comments considered
  - 4 withdrawn, 1 unsatisfied

# 802.3az Task Force Report

- Conducted 3<sup>rd</sup> recirculation
  - Ballot open: August 13, 2010
  - Ballot closed: August 29, 2010
  - 1 unsatisfied comment recirculated
    - No pile-ons; no change
- WG Chair updated RevCom of ballot results
- IEEE 802.3az-2010 approved September 30, 2010
- IEEE Std 802.3az-2010 published on Wednesday October 27, 2010

# 802.3az Task Force Report

	D3.0 Initial Ballot	D3.1 First Recirculation Ballot	D3.2 Second Recirculation Ballot	D3.2 Third Recirculation Ballot
<b>Voters</b>	127	127	127	127
<b>Approve</b>	88	94	96	103
<b>Disapprove</b>	9	6	5	1
<b>Disapprove without comment</b>	0	0	0	0
<b>Abstain</b>	6	6	6	6
<b>Returns</b>	103	106	107	110
<b>Response rate</b>	81%	83%	84%	86%
<b>Abstention rate</b>	5%	5%	5%	5%
<b>Approval rate</b>	90%	94%	95%	99%

Ballot met required response rate  $\geq 75\%$ , abstention rate  $< 30\%$ , and approval rate  $\geq 75\%$

# Recognition

Bob Grow – Former WG Chair

David Law – Current WG Chair and “Wake Time Shrinkage Ad-hoc chair

Wael Diab - WG Vice Chair, “Layer 2 Ad-hoc chair” and Clause 79 Editor

Gavin Parnaby - Clause 55 Editor and “10GBASE-T Ad-hoc chair”

Steve Carlson – WG Executive Secretary and advisor

Sanjay Kasturia – Editor-in-Chief

Mandeep Chadha – Clause 14 Editor

Joseph Chou – Clause 24 and 25 Editor

Adam Healey – Clause 40 Editor

Velu Pilai – Clause 74 Editor

David Koenen – Clause 69-72 Editor

Dimitry Taich – Clause 78 Editor

Anoop Vetteth – Clause 79 Editor

Hugh Barrass – Management, Annex, PCS and RS Clauses, Recording Secretary

Technical Contributions:

Howard Frazier (also CFI presenter)

Scott Powell

Dan Dove (baseline proposals)

Rob Hays (baseline proposals)

George Zimmerman

Matt Brown

Mike Grimwood

Bill Woodruff

Jose Tellado

Mario Traeber

Bruce Nordman

(CFI, Web Master, tutorials)

Ken Christensen (tutorial)

# More gratitude ...

- Thanks to Kathryn Bennett, Michelle Turner and Helen Garfinkle for your help in getting us to publication
- 802.3az Task Force for hard work and persistence
  - And for knowing when to stop making changes ...
- Glen Kramer for the EEE logo







Thank You!

