IEEE P802.3ap Task Force

Opening Plenary Meeting Report

Denver, CO

March 6, 2006

Task Force Organization

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Tom Palkert	Xilinx	72
Pat Thaler	Broadcom	73, 73A
Ilango Ganga	Intel	74, 74A

- Thanks to all volunteers and contributors…

Web and Reflector

- IEEE P802.3ap Task Force web page:

  http://www.ieee802.org/3/ap/

- To subscribe to the IEEE P802.3ap Backplane Ethernet Task Force reflector send an email to:

  listserv@ieee.org

  with the following in the body of the message (do not include "<>"):

  subscribe stds-802-3-blade <yourfirstname> <yourlastname>

  For complete instructions on reflector usage, subscription, and unsubscription:

  http://ieee802.org/3/ap/reflector.html

IEEE P802.3ap Draft Repository

- IEEE P802.3ap Private Area:

  http://ieee802.org/3/ap/private/index.html

  - Username: ■ ■ ■ ■ ■
  - Password: ■ ■ ■ ■ ■

- The username and password are case-sensitive. Write them down…

IEEE P802.3ap Task Force Documents

- Approved PAR

  http://standards.ieee.org/board/nes/projects/802-3ap.pdf

- 5 Criteria

  http://ieee802.org/3/ap/802_3_ap_5criteria.pdf

- Objectives

  http://ieee802.org/3/ap/802_3_ap_objectives.pdf

IEEE P802.3ap Objectives

- **Preserve the 802.3/Ethernet frame format at the MAC Client service interface.**
- **Preserve min. and max. frame size of current 802.3 Std.**
- **Support existing media independent interfaces.**
- **Support operation over a single lane across 2 connectors over copper traces on improved FR-4 for links consistent with lengths up to at least 1m.**
  - **Define a 1 Gb/s PHY**
  - **Define a 10 Gb/s PHY**
- **Define a 4-lane 10Gb/s PHY for operation over the 802.3ap channel model.**
- **Consider auto-negotiation.**
- **Support BER of 10^-12 or better.**
- **Meet CISPR/FCC Class A.**

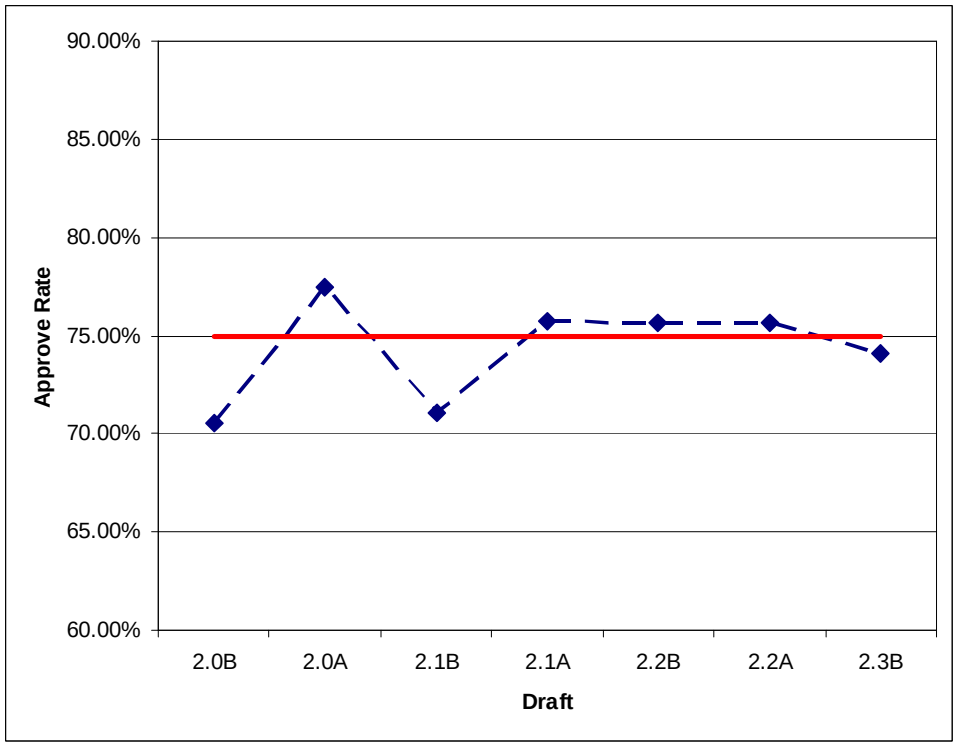
Interim Meetings

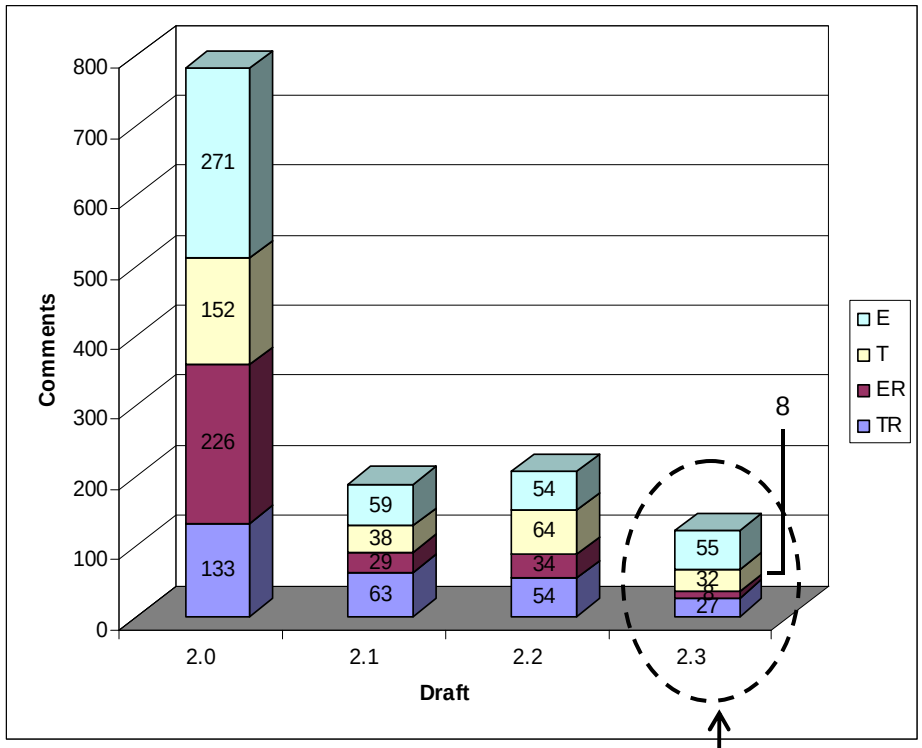
- January 10 through 12, Chandler, AZ
  - Draft 2.1 comment resolution
- February 2 and 3, San Diego, CA
  - Hosted by Force10 Networks and Ethernet Alliance
  - Draft 2.2 comment resolution

Ballot Summary (1 of 2)

	Draft						
	2.0B	2.0A	2.1B	2.1A	2.2B	2.2A	2.3B
Voters	200	200	200	200	200	200	200
Approve	72	79	76	81	84	84	83
Disapprove	30	23	31	26	27	27	29
Abstain	27	27	27	27	26	26	26
Returns	129	129	134	134	137	137	138
Comments	782	782	189	189	203	203	122
Respsonse Rate	**64.50%**	**64.50%**	**67.00%**	**67.00%**	**68.50%**	**68.50%**	**68.50%**
Approve Rate	**70.59%**	**77.45%**	**71.03%**	**75.70%**	**75.68%**	**75.68%**	**74.11%**
Abstention Rate	**20.93%**	**20.93%**	**20.15%**	**20.15%**	**18.98%**	**18.98%**	**18.84%**

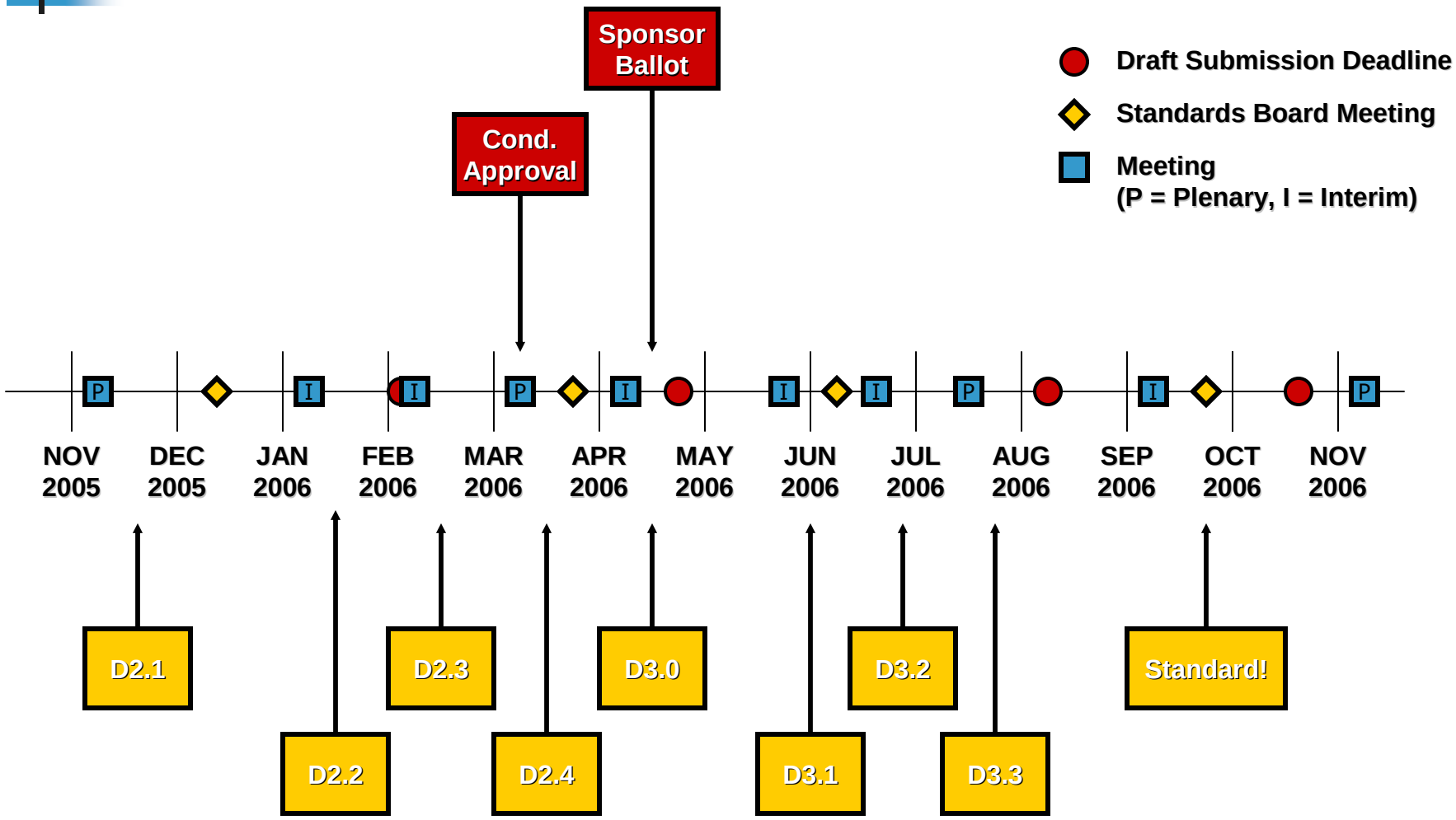
Ballot Summary (2 of 2)





Includes 27 late comments

Proposed Timeline



Goals for this Meeting

- Respond to comments against IEEE P802.3ap Draft 2.3
- Approve generation and recirculation of Draft 2.4
- Conditional approval for Sponsor Ballot???

Thank you!