



IEEE P802.3ap Task Force

Closing Plenary Meeting Report

Dallas, TX

November 16, 2006



Task Force Organization

- Task Force Chair
 - Adam Healey (ahealey@agere.com)

- Chief Editor
 - Ilango Ganga (ilango.ganga@intel.com)



Editorial Team

Editor	Affiliation	Clause(s), Annex(es)
Ilango Ganga	Intel	1–44, 70, 71, 74, and 74A
Arthur Marris	Cadence	45
Adam Healey Charles Moore	Agere Systems Avago Technologies	69, 69A, 69B
Tom Palkert	Xilinx	72
Pat Thaler	Broadcom	73, 73A

- 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: **XXXXXX**
 - Password: **XXXXXX**
- 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



Goals for this Meeting

- Respond to comments received against Draft 3.1
- May request conditional approval for submission to RevCom



Meeting Snapshot

- Responded all comments against Draft 3.1
 - 6 TR, 1 ER, 1 GR, 12 T, 35 E, 1 G
- Planned Draft 3.2 recirculation
- Requested conditional approval for submission to RevCom



Ballot Results

Initial Sponsor Ballot (Draft 3.0)

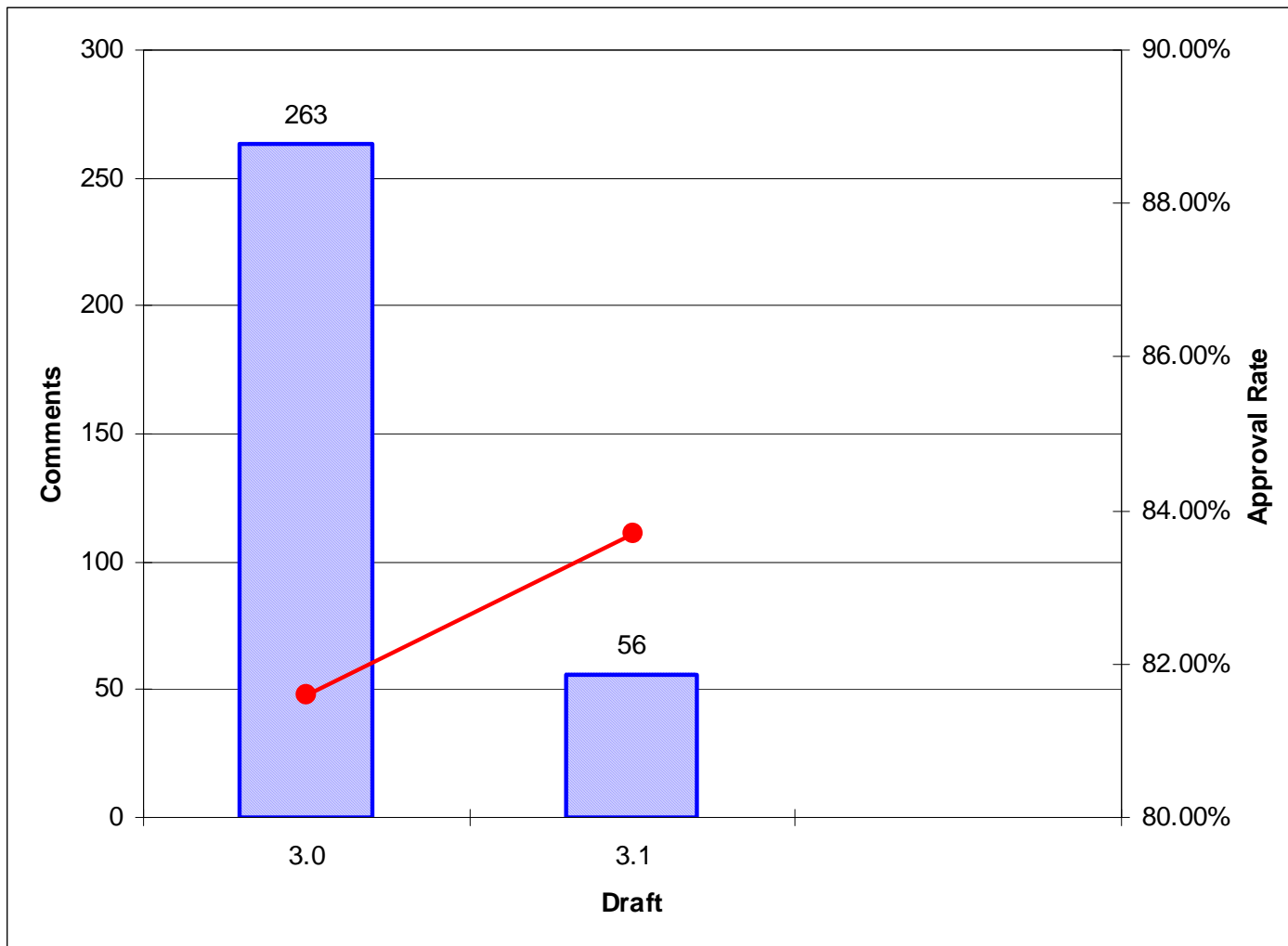
Voters	124
Affirmative	71
Negative	16
Negative w/o Comment	1
Abstention	7
Returns	95
Return Rate ($\geq 75\%$)	76.6%
Approval Rate ($\geq 75\%$)	81.6%
Abstention Rate ($< 30\%$)	7.4%

1st Sponsor Recirculation Ballot (Draft 3.1)

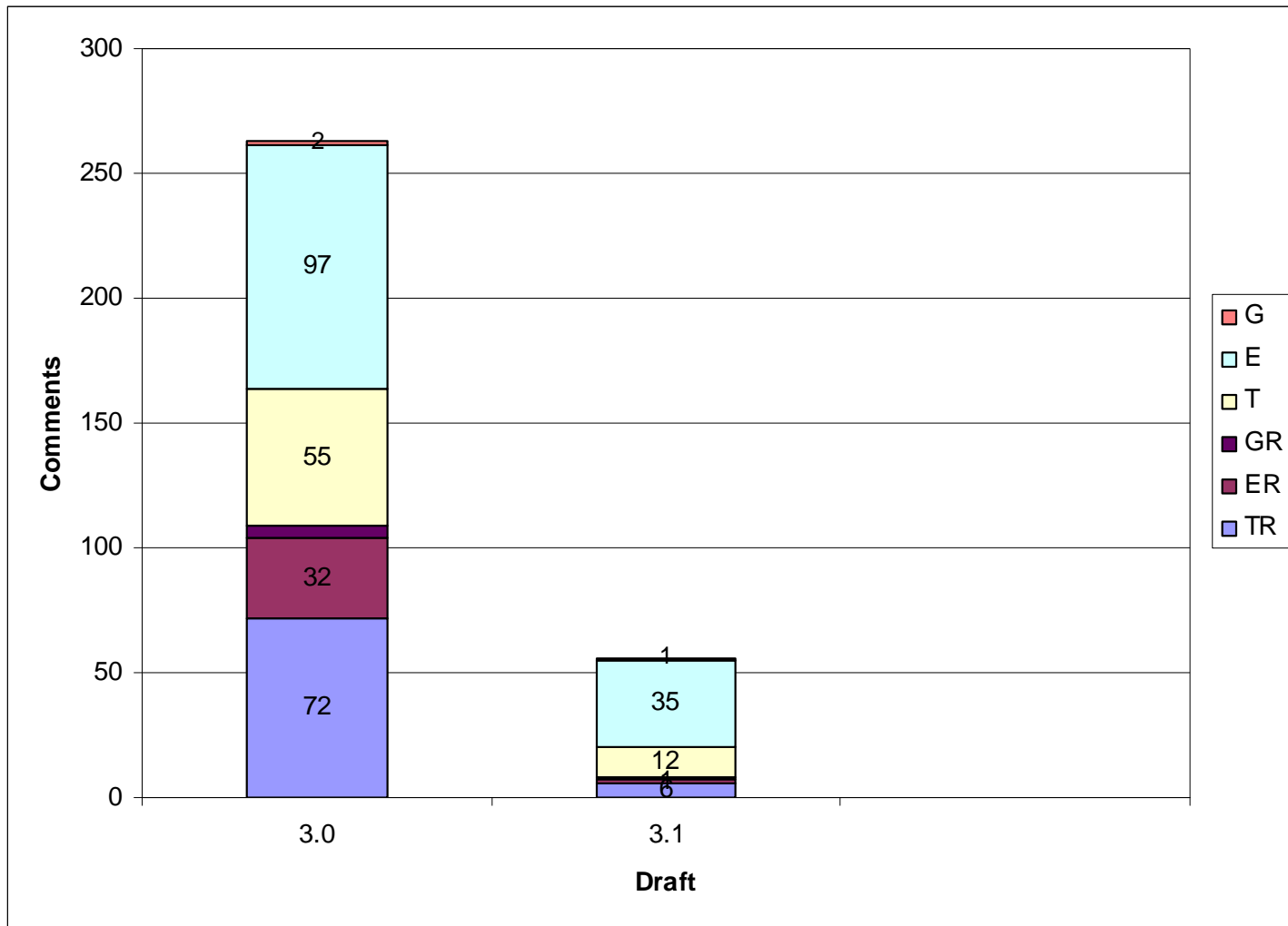
Voters	124
Affirmative	77
Negative	15*
Negative w/o Comment	1
Abstention	7
Returns	100
Response Rate ($\geq 50\%$)	80.6%
Approval Rate ($\geq 75\%$)	83.7%
Abstention Rate ($< 30\%$)	7.0%

* 2 new negative ballots

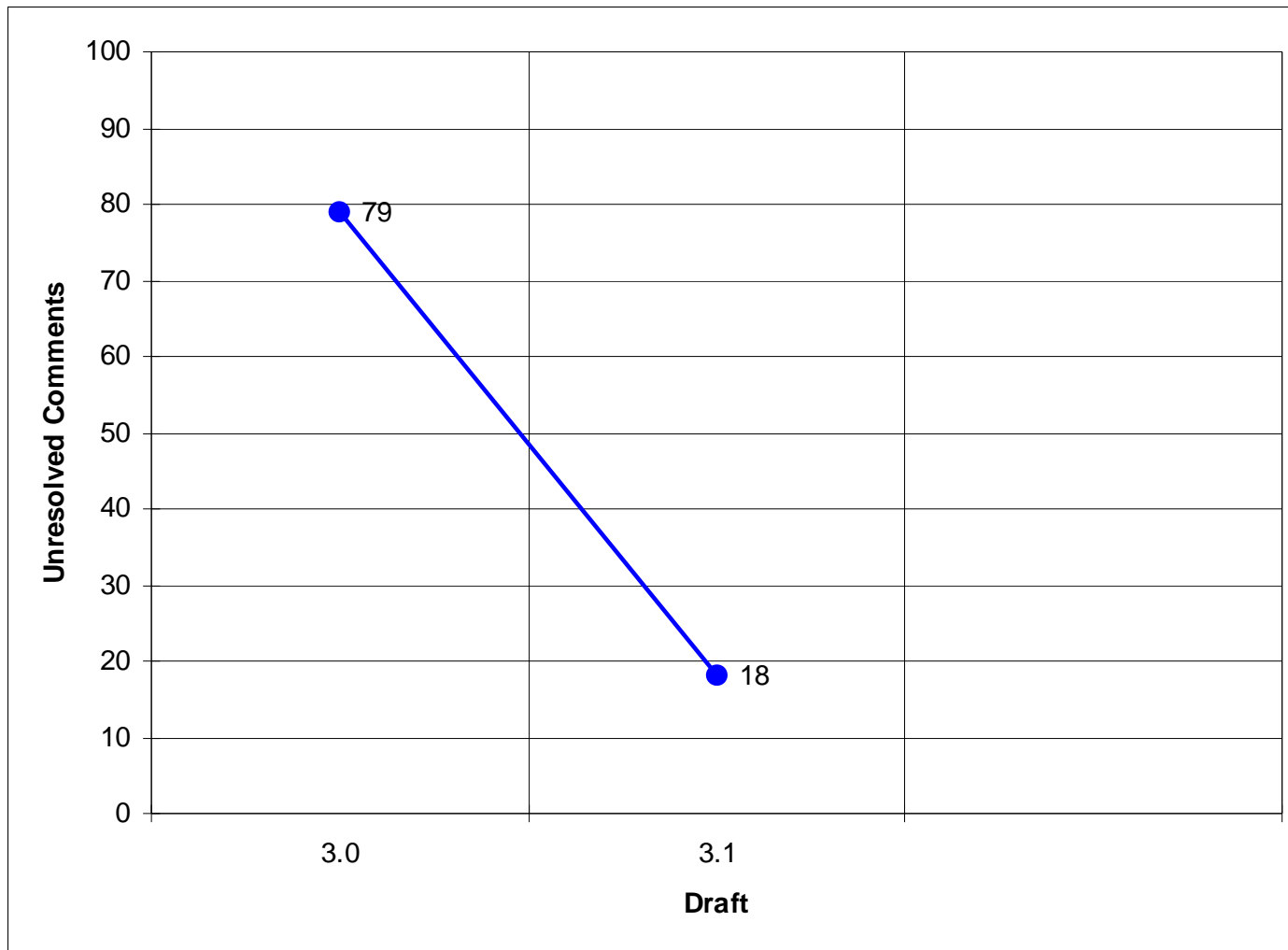
Ballot Summary



Comment Summary



Unresolved Comment Count





Unsatisfied Negative Comments (1/2)

Balloter	Affiliation	TR/ER/GR	Topics
Barrass, Hugh	Cisco	0/0/0	
Baumer, Howard	Broadcom	6/0/0	<ul style="list-style-type: none"> Make channel recommendations normative and remove receiver interference tolerance test
Booth, Brad	AMCC	0/0/0	
Dawe, Piers	Avago	2/0/0	<ul style="list-style-type: none"> Clause 74 FEC block lock state machine
Frazier, Howard	Broadcom	2/0/0	<ul style="list-style-type: none"> Make channel recommendations normative Change Clause 70 return loss plot scale
Ghiasi, Ali	Broadcom	3/0/0	<ul style="list-style-type: none"> Clause 72 jitter test filter Clause 72 jitter output table Add Clause 72 low-frequency jitter tolerance test
Grow, Bob	Intel	0/0/0	
Jones, William*	SolarFlare	1/0/0	<ul style="list-style-type: none"> Make channel recommendations normative
Kim, Yong	Broadcom	1/0/0	<ul style="list-style-type: none"> Make channel recommendations normative



Unsatisfied Negative Comments (2/2)

Balloter	Affiliation	TR/ER/GR	Topics
Law, David	3Com	0/0/0	
McClellan, Brett	SolarFlare	2/0/0	■ Make channel recommendations normative
Palm, Stephen	Broadcom	1/0/0	■ Make channel recommendations normative
Sawyer, Shannon*	Intel	0/0/0	
Thaler, Pat	Broadcom	0/0/0	
Valliappan, Magesh	Broadcom	0/0/0	
	Total	18/0/0	



Task Force Motion

- Request that the IEEE 802.3 Working Group Chair request the IEEE 802 EC to grant conditional approval, per LMSC P&P Procedure 20, to pre-submit IEEE P802.3ap for the March RevCom meeting
 - Moved: Charles Moore
 - Seconded: Rich Mellitz
 - Technical ($\geq 75\%$)
 - (All, 802.3) Y: 7, N: 0, A: 1
 - Motion Passes

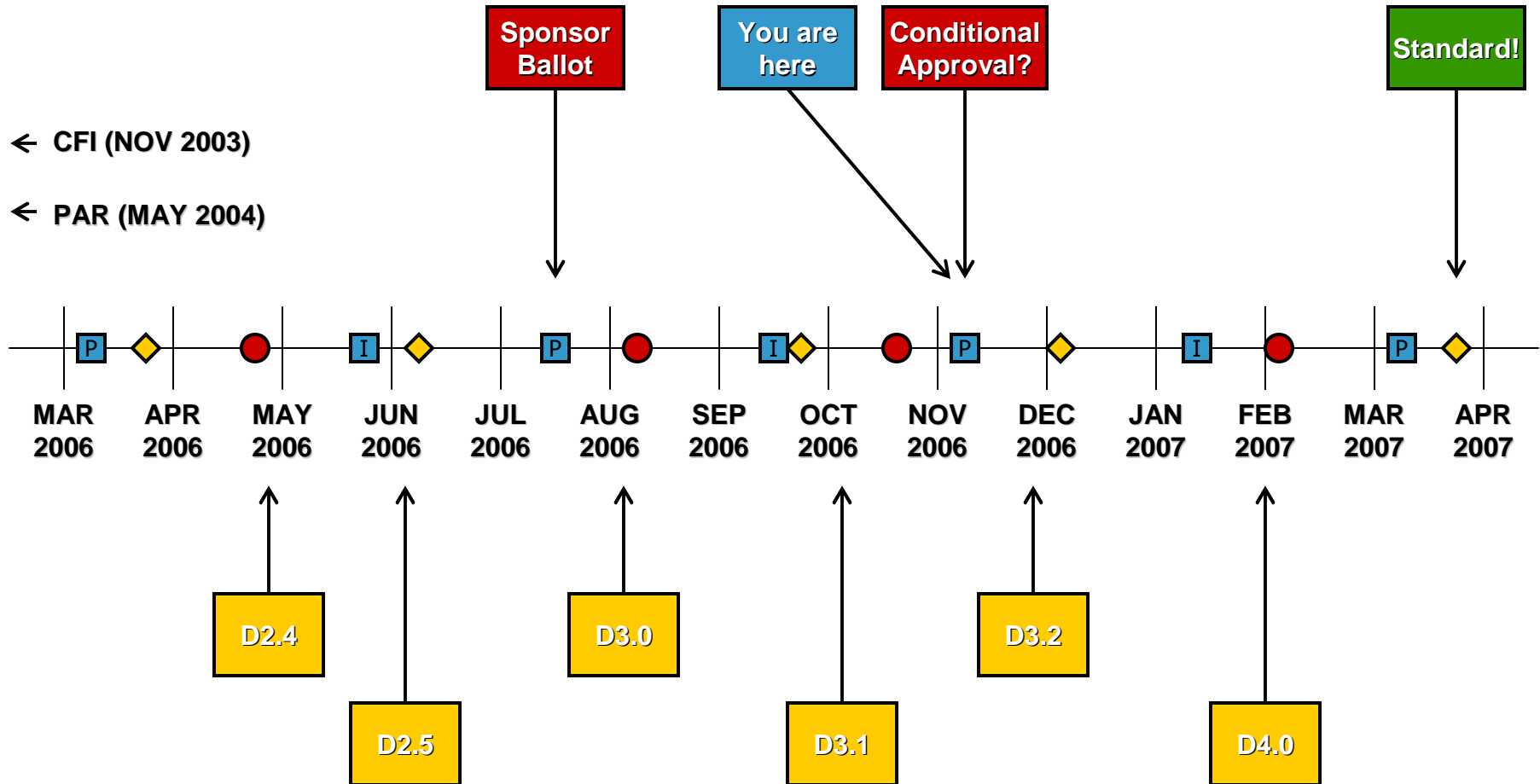


Working Group Motion

- IEEE 802.3 Working Group Chair request the IEEE 802 EC to grant conditional approval, per LMSC P&P Procedure 20, to pre-submit IEEE P802.3ap for the March RevCom meeting
 - Moved: A. Healey on behalf of Task Force
 - Technical ($\geq 75\%$) / Procedural ($\geq 50\%$)
 - Y: , N: , A:
 - PASSES/FAILS

Project Timeline Detail

- Draft Submission Deadline
- ◆ Standards Board Meeting
- Meeting (P = Plenary, I = Interim)





Future Meetings

- January 2007 interim
 - Date: TBD
 - Location: TBD

- March 2007 plenary (if needed)
 - Date: March 11 to 16
 - Location: Caribe Royale, Orlando Florida USA

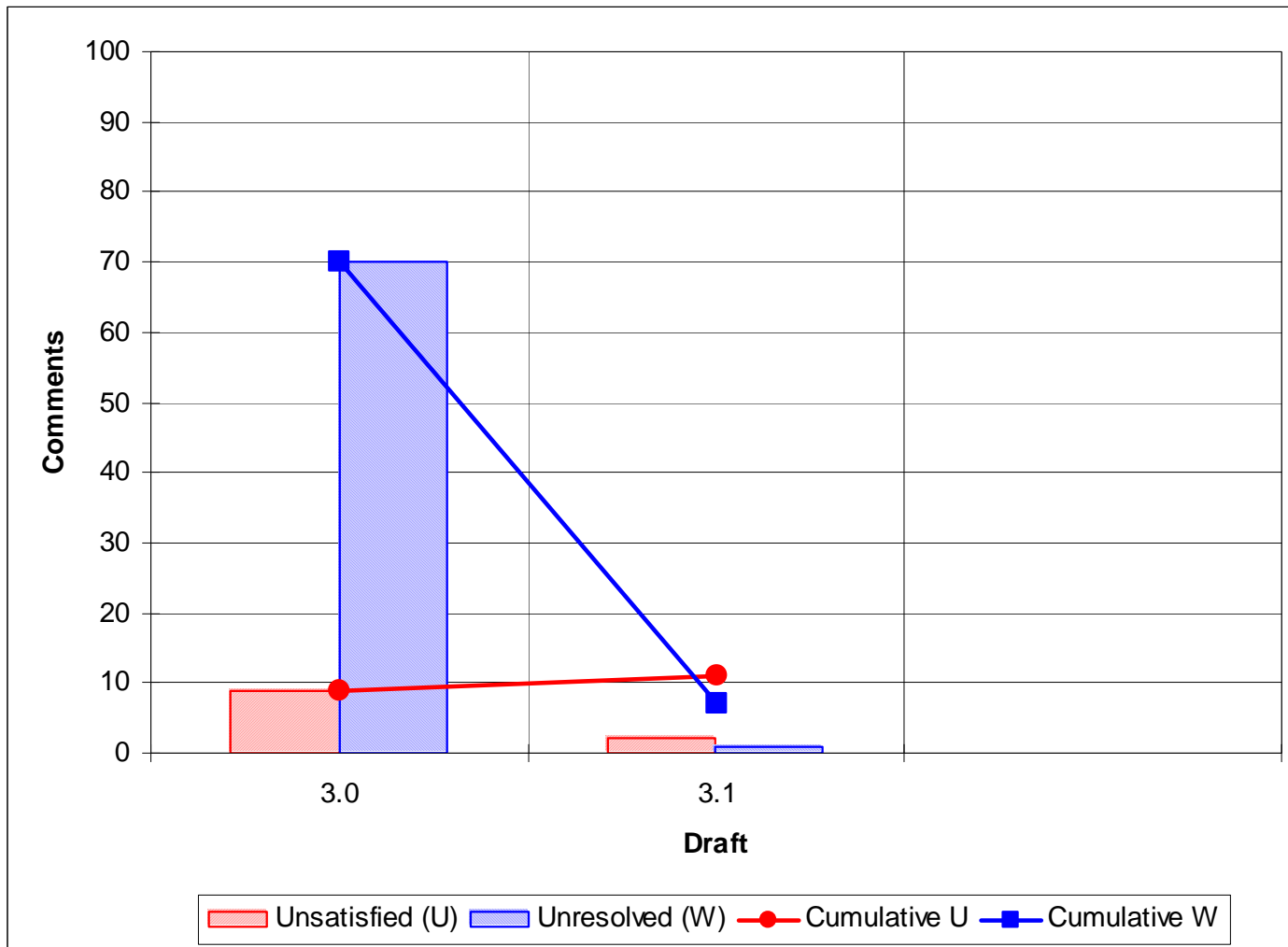


Thank you!



Back-up

Unresolved Comment Detail





Comment #43 Motion

- Move to accept the suggested remedy [make Annex 69B normative]:
 - Moved: George Zimmerman
 - Seconded: Chris Diminico
 - Technical ($\geq 75\%$)
 - (All, 802.3) Y: 4, N: 9, A: 0
 - Motion Fails



Motion #3

- Move that:
 - Grant editorial license to the P802.3ap editors to respond to unresolved editorial comments on D3.1
 - Draft 3.1 and the resolution of comments against Draft 3.1 be used as the basis for the generation of Draft 3.2
 - Forward Draft 3.2 for second sponsor ballot recirculation
 - Moved: T. Palkert
 - Seconded: Charles Moore
 - Technical ($\geq 75\%$)
 - (All) Y: 8, N: 0, A: 0
 - Motion Passes



Summary of Changes: D3.1 to D3.2

Clause	Changes
Front Matter	<ul style="list-style-type: none">■ Typographical and editorial fixes
Clause 30, Management	<ul style="list-style-type: none">■ List the FEC attributes to MAU managed object class table■ Couple of editorial fixes
Clause 45, MDIO	<ul style="list-style-type: none">■ Fixes to Editorial notes■ Add a PICS item
Clauses 48 & 49, PCS	<ul style="list-style-type: none">■ Typographical fixes■ Editorial fix to remove redundant wording
Annex 69A, Interference tolerance testing	<ul style="list-style-type: none">■ To improve clarity change “Transition time” to “Applied transition time”
Annex 69B, Interconnect characteristics	<ul style="list-style-type: none">■ Three editorial fixes and delete redundant rows from table
Clauses 70, 71 & 72, PHYs	<ul style="list-style-type: none">■ Add Clause 73 Auto-Neg requirement to table in respective PHY clauses■ Correct 10GBASE-KR transmit FIR constraint■ In Clause 72, rearrange paragraph for transmit waveform requirement for better clarity and move table footnote to body text.■ Editorial fixes



Summary of Changes: D3.1 to D3.2

Clause	Changes
Clause 73, Auto-Neg	<ul style="list-style-type: none">■ Auto-Neg timer value change for 10GBASE-KR start-up compatibility■ Clarify the AN interoperability when devices with Clause 37 Auto-Neg is present.■ Make the above change to Clause 36 as well.■ Few editorial fixes
Clause 73, FEC	<ul style="list-style-type: none">■ An editorial fix