




IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet

Opening Plenary Report

Orlando, FL, USA
Mar 2010

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IEEE P802.3ba Task Force Officers and Editors

<u>John D'Ambrosia</u>	Task Force Chair
<u>Ilango Ganga</u>	Task Force Chief Editor Editor – Clauses 1, 4, 80, Annexes A, 4A
<u>Mark Gustlin</u>	Chair, “Logic” Sub-task Force Editor – Clauses 81, 82
<u>Chris DiMinico</u>	Chair, “Cu” Sub-task Force Editor – Clause 85
<u>Pete Anslow</u>	Chair, “Optical” Sub-task Force Editor – Clause 88
<u>Hugh Barrass</u>	Editor – Clauses 30, 45
<u>Jonathan King</u>	Editor – Clause 87
<u>Arthur Marris</u>	Editor – Clauses 69, 73, 74, 84, Annexes 69A, 69B
<u>Steve Trowbridge</u>	Editor – Clause 83, Annex 83C
<u>Ryan Latchman</u>	Editor – Annex 83A, 83B
<u>Piers Dawe</u>	Editor – Clause 86, 52
<u>George Oulundsen</u>	Task Force Secretary
<u>Frank Chang</u>	Task Force Web Master

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- Task Force web page URL:

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

IEEE P802.3ba Private Area

- URL: <http://www.ieee802.org/3/ba/private/>
 - Username: 802.3ba
 - Password: xxxxxxxx
 - Password is case sensitive

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Task Force Approved Project Documents

■ PAR

- http://ieee802.org/3/ba/PAR/par_0308.pdf

■ 5 Criteria

http://ieee802.org/3/ba/PAR/P802.3ba_5C_0908.pdf

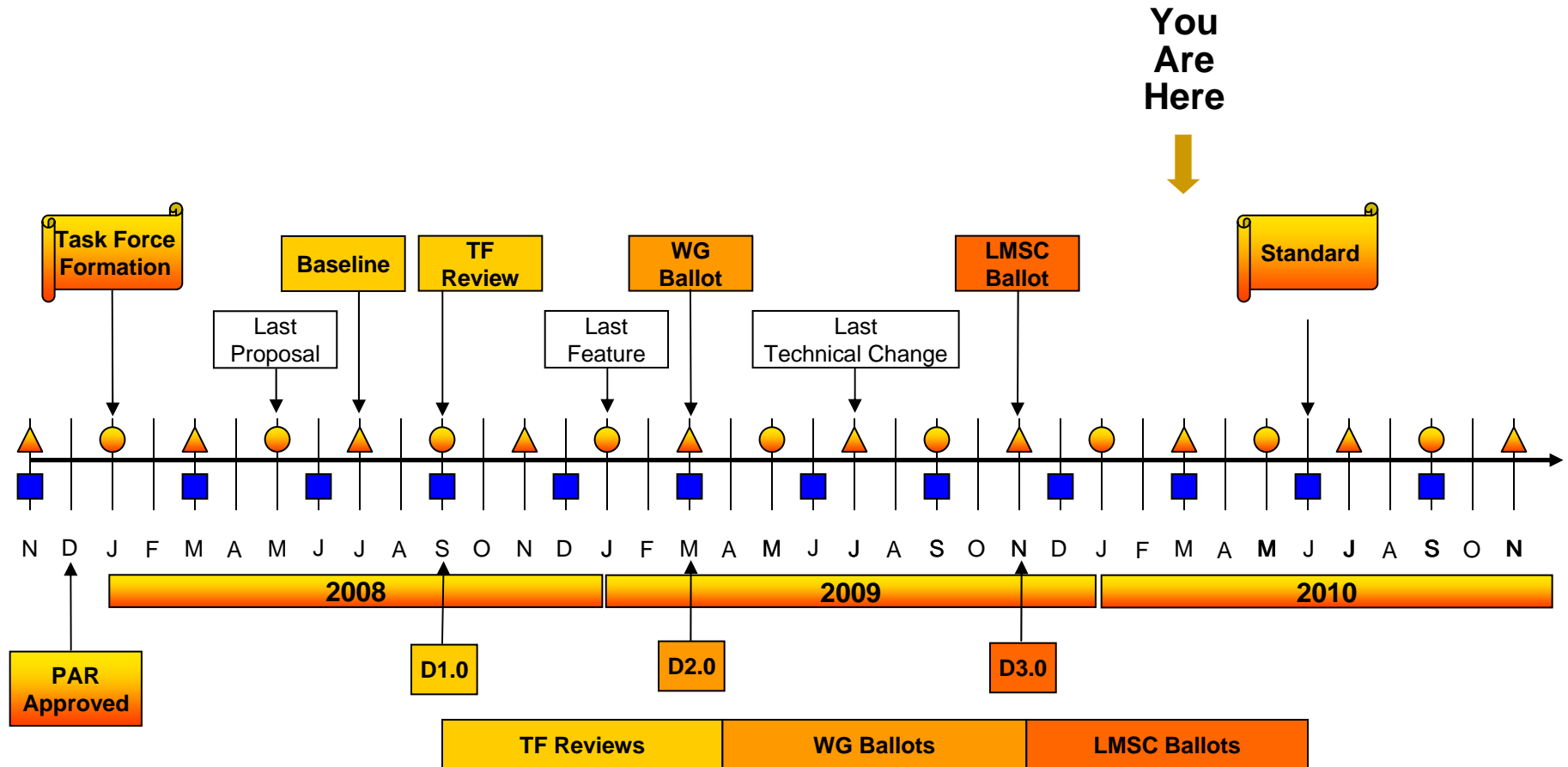
■ Objectives

- http://ieee802.org/3/ba/PAR/P802.3ba_Objectives_0709.pdf

Activities Summary Since Nov 09 Plenary

- Draft 3.0
 - Conducted Initial Sponsor Ballot
 - Opened Nov 23, 2009
 - Closed Dec 23, 2009
 - 3 1/2 day Interim meeting in New Orleans in Jan (Thanks Applied Micro)
 - 71 Participants
 - Reviewed all T(402), TR (187), E (255), ERs (49), G(7), and GR(1)
 - Jan 10 Motion:
 - Move that the Task Force:
 - Accept comment resolutions from D3.0 as recorded in the comment database.
 - Directs the IEEE P802.3ba editorial team to generate Draft 3.1, based on Draft 3.0 and the resolution of comments against Draft 3.0.
 - Request Working Group Chair to initiate Sponsor Ballot recirculation.
 - Results (y/n/a): 55 / 0 / 0
- Jan 10 : ITU-T Informal Communication
 - Shared Draft 3.1
- Jan 10: IBTA Informal Communication
 - Shared contributions that provided updated data on QSFP and CXP connector interfaces
- Draft 3.1
 - Conducted 1st recirculation on Sponsor ballot
 - Opened Feb 12, 2010
 - Closed Feb 27, 2010

IEEE P802.3ba Task Force Timeline



You Are Here



* Adopted by IEEE P802.3ba TF at March 08 Plenary

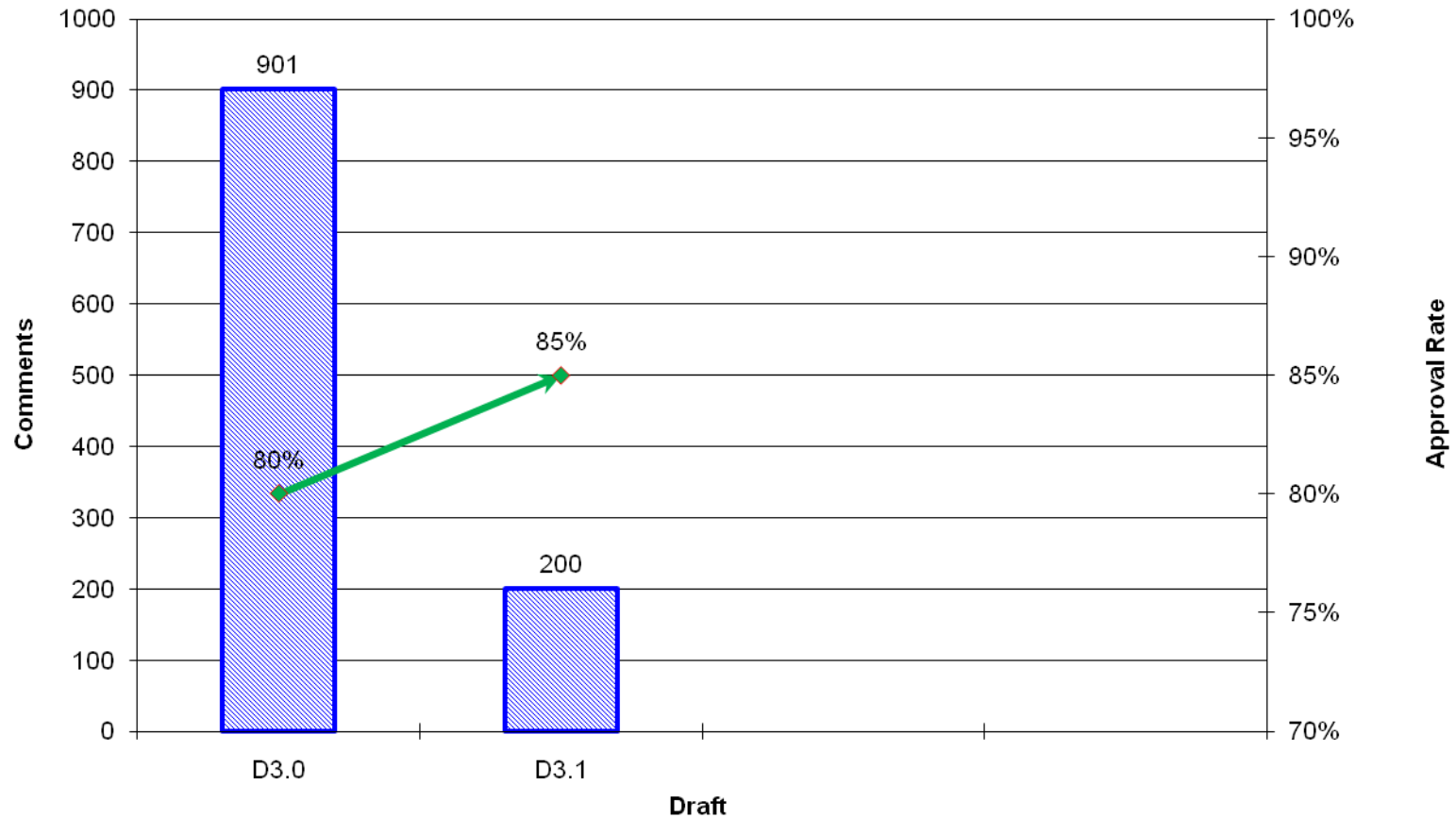
Legend	
▲	IEEE 802 Plenary
●	IEEE 802.3 Interim
■	IEEE-SA Standards Board

Sponsor ballot results

	D3.0 Initial Sponsor ballot	D3.1 First Sponsor ballot recirc
Voters	143	143
Approve	89	97
Disapprove	21	17
Disapprove w/o comment	0	0
Abstain	6	6
Returns	116	120
Response rate	81%	83%
Abstention rate	5%	5%
Approval rate	80%	85%

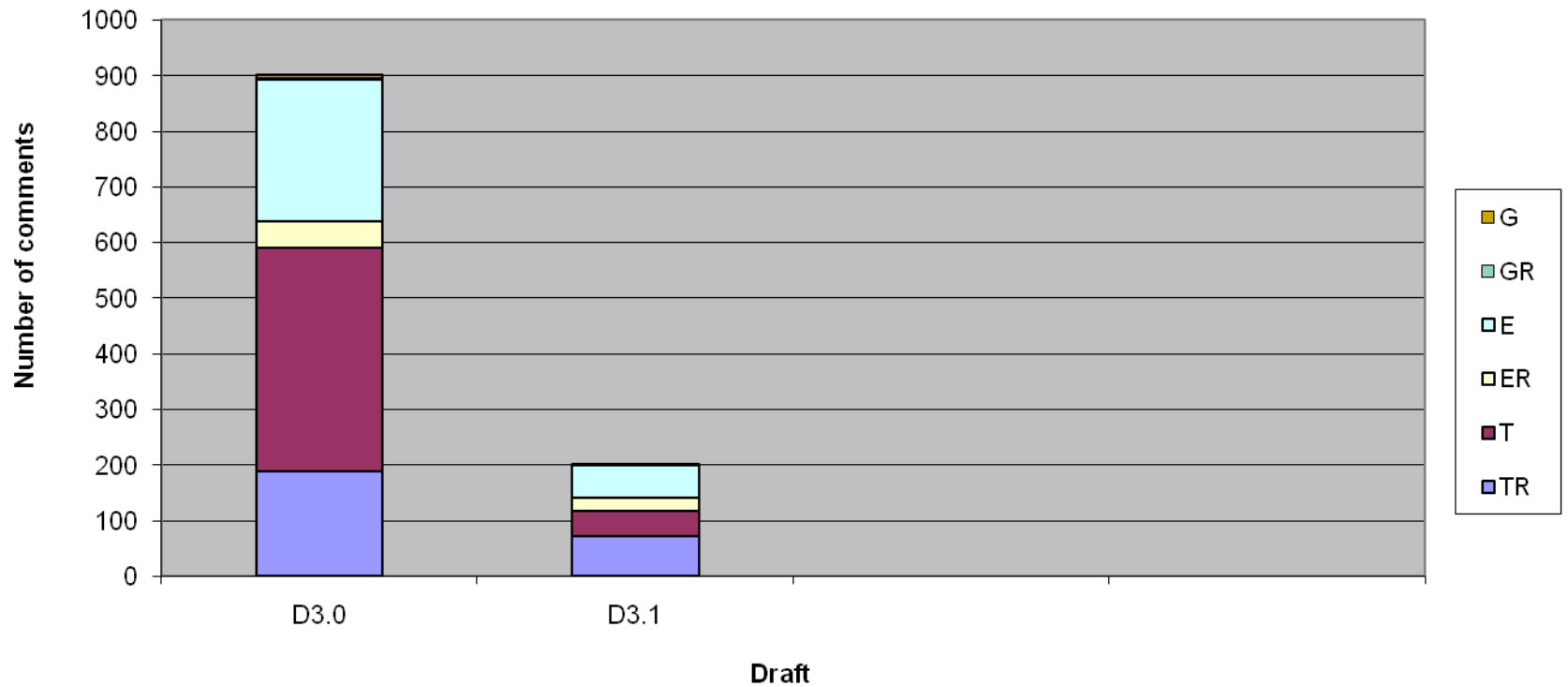
Ballot met required response rate $\geq 75\%$, abstention rate $< 30\%$, and approval rate $\geq 75\%$

Approval rate history



Comments history

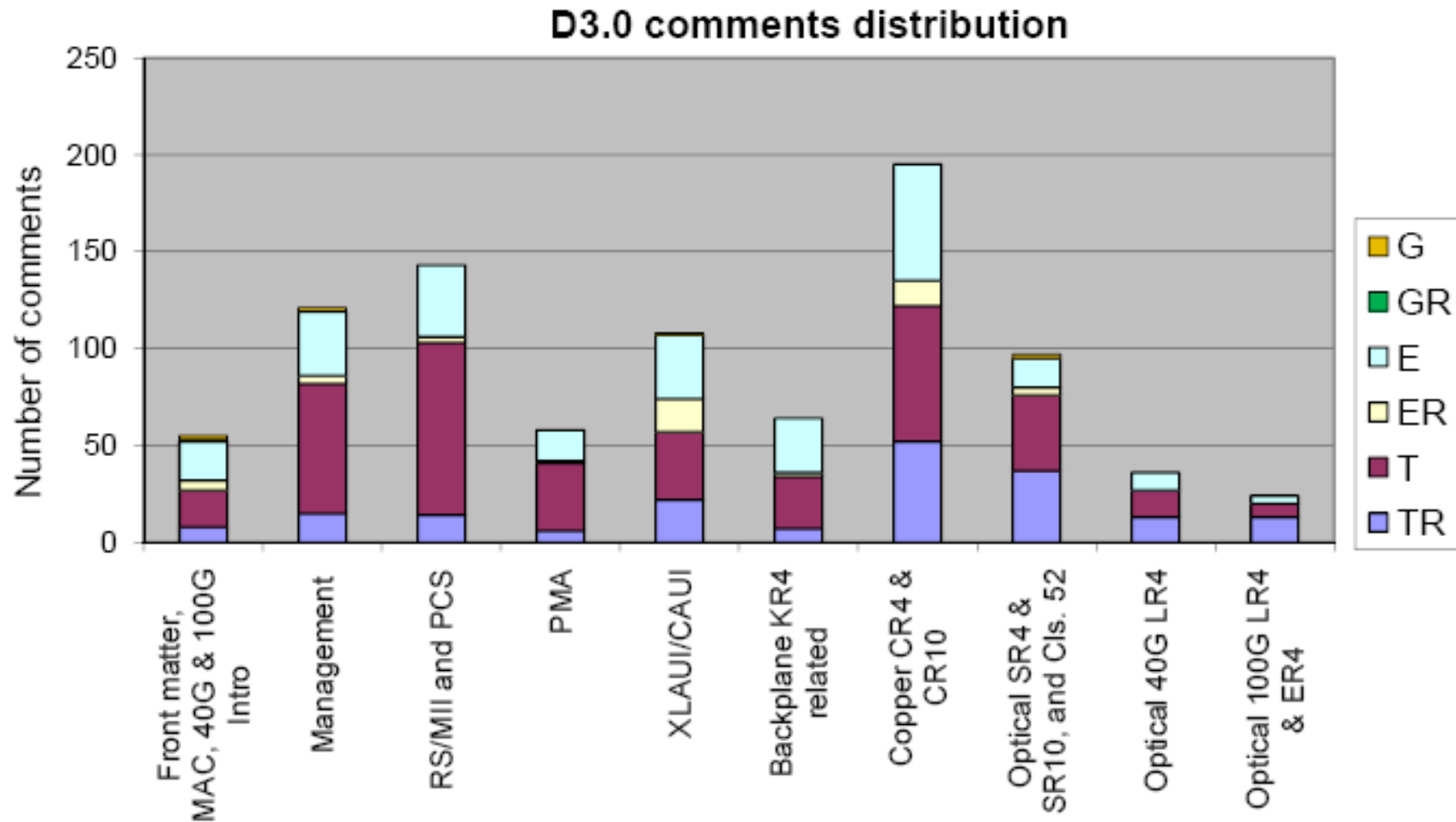
P802.3ba Sponsor ballot comment history



D3.0 Comments

Description	Editor	Clause	TR	T	ER	E	GR	G	Total
Front matter, MAC, 40G & 100G Intro	Ilango Ganga	99, 00, 01, A, 4, 4A, 31B, 80	8	19	5	20	1	2	55
Management	Hugh Barrass	30, 45	15	67	4	33	0	2	121
RS/MII and PCS	Mark Gustlin	81, 82	14	89	3	37	0	0	143
PMA	Steve Trowbridge	83, 83C	6	35	1	16	0	0	58
XLAUI/CAUI	Ryan Latchman	83A, 83B	22	35	17	33	0	1	108
Backplane KR4 related	Arthur Marris	69, 69A, 69B, 73, 74, 84	7	27	2	28	0	0	64
Copper CR4 & CR10	Chris Di Minico	85, 85A	52	70	13	60	0	0	195
Optical SR4 & SR10, and Cls. 52	Piers Dawe	86, 86A, 52	37	39	4	15	0	2	97
Optical 40G LR4	Jonathan King	87	13	14	0	9	0	0	36
Optical 100G LR4 & ER4	Pete Anslow	88	13	7	0	4	0	0	24
Total comments			187	402	49	255	1	7	901

D3.0 Comments distribution by category

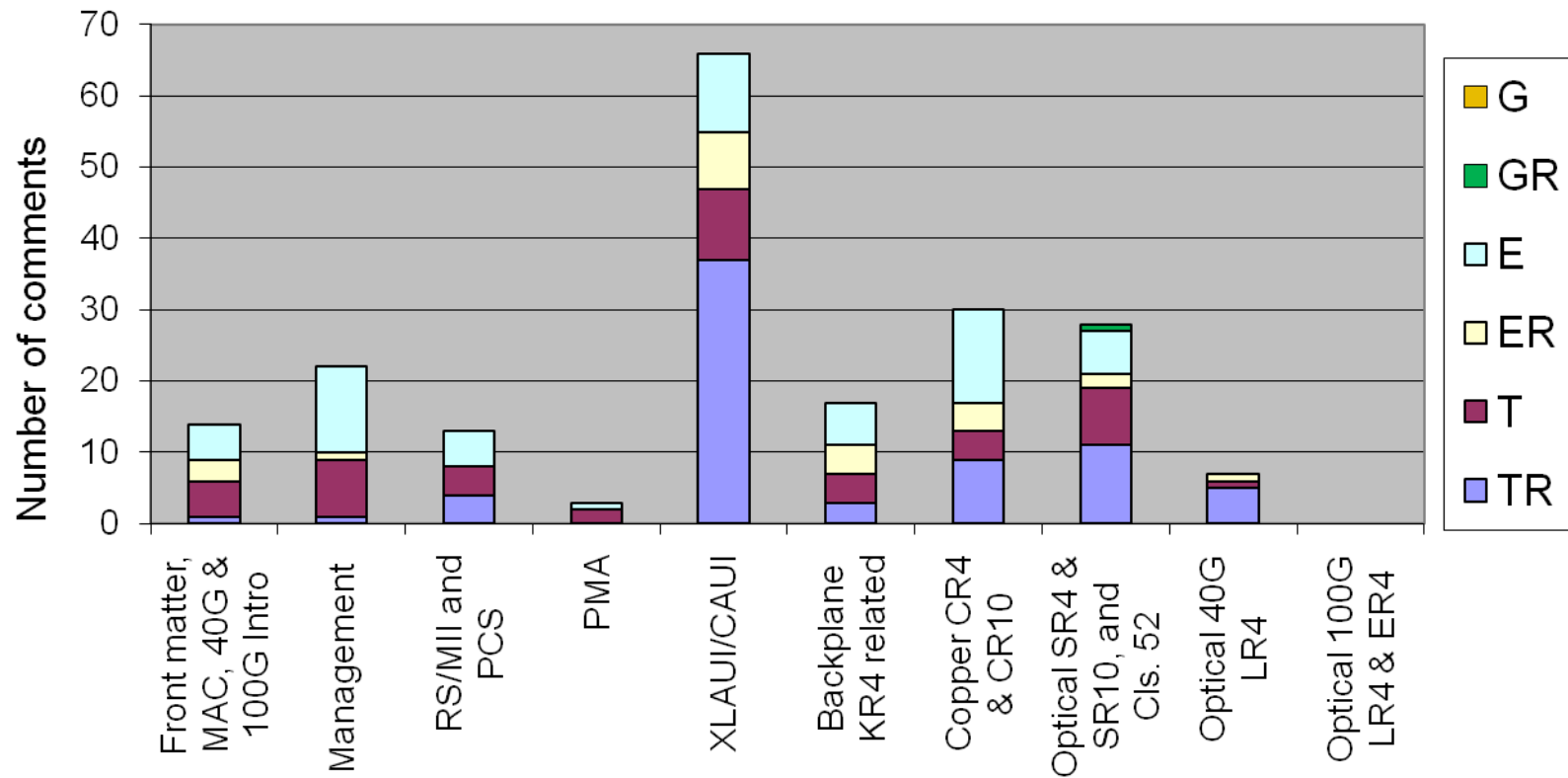


D3.1 Comments report

Description	Editor	Clause	TR	T	ER	E	GR	G	Total
Front matter, MAC, 40G & 100G Intro Management	Ilango Ganga	99, 00, 01, A, 4, 4A, 31B, 80	1	5	3	5	0	0	14
RS/MII and PCS	Hugh Barrass	30, 45	1	8	1	12	0	0	22
PMA	Mark Gustlin	81, 82	4	4	0	5	0	0	13
XLAUI/CAUI	Steve Trowbridge	83, 83C	0	2	0	1	0	0	3
Backplane KR4 related	Ryan Latchman	83A, 83B	37	10	8	11	0	0	66
Copper CR4 & CR10	Arthur Marris	69, 69A, 69B, 73, 74, 84	3	4	4	6	0	0	17
Optical SR4 & SR10, and Cls. 52	Chris Di Minico	85, 85A	9	4	4	13	0	0	30
Optical 40G LR4	Piers Dawe	86, 86A, 52	11	8	2	6	1	0	28
Optical 100G LR4 & ER4	Jonathan King	87	5	1	1	0	0	0	7
Total comments	Pete Anslow	88	0	0	0	0	0	0	0
			71	46	23	59	1	0	200

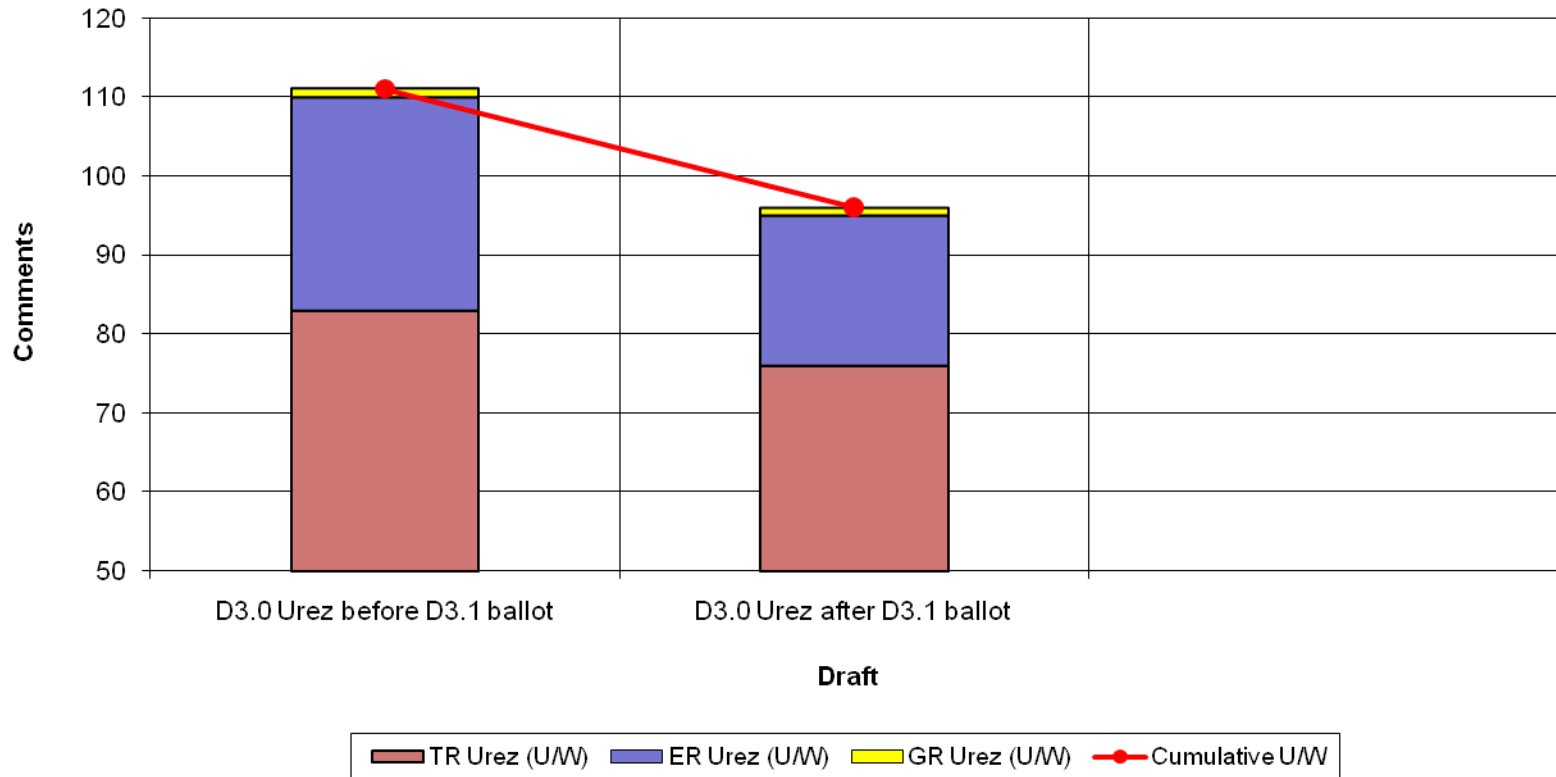
D3.1 Comments distribution by category

D3.1 comment distribution



Unresolved comments history

P802.3ba WG ballot unresolved comments history



Goals for the Week

■ Big Ticket Items

- ❑ Resolve comments received against D3.1
- ❑ Proceed to State of “STOP MAKING CHANGES”
- ❑ Lay groundwork for the next meeting - Draft 3.2
- ❑ Request Conditional Approval to submit to RevCom at closing IEEE 802.3 WG Plenary.

Meeting Map

	Mon	Tues	Wed	Thur	Fri		
8:30		Task Force	Logic	Copper	Optics	Task Force Motions & Closing Business	
9:00							
9:30							
10:00							
10:30							
11:00							
11:30							
12:00	Lunch	Lunch	Lunch		Lunch		
12:30							
13:00	802.3 Plenary	Task Force	Logic	Copper	Optics	802.3 Plenary	
13:30							
14:00							
14:30							
15:00							
15:30							
16:00		Logic	Copper	Optics		SEC	
16:30							
17:00							
17:30							
18:00		Dinner					
18:30	Tutorial #1		Social				
19:00		IEEE 802 30th Anniversary Celebration - Panel Discussion					
19:30	Tutorial #2						
20:00							
20:30							
21:00							
21:30	CFI						
22:00							

Note –Times listed are subject to change. See individual sub-task force agendas for sub-task force meeting details.



Thank You!

