



IEEE P802.3av Task Force

Final Report to IEEE 802.3 WG

November 16, 2009

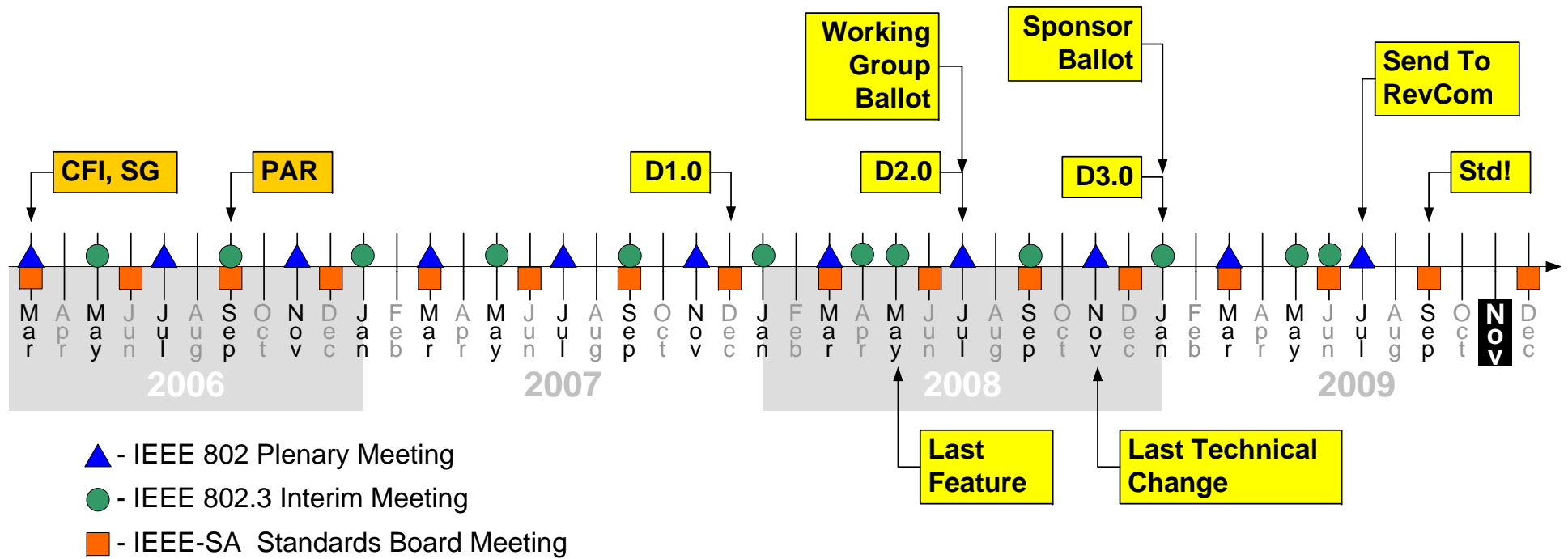
Atlanta, GA

Glen Kramer, glen.kramer@ieee.org

Activities Since July Plenary

- ❑ **Draft D3.4 was submitted to RevCom on July 29, 2009**
- ❑ **RevCom recommended standard approval on September 10th, 2009**
- ❑ **IEEE-SA StB approved the IEEE Std 802.3av-2009 on September 11th, 2009**

Project Timeline



Approved by TF on November 15, 2007

Sponsor Ballots at a Glance



	Initial Ballot (D3.0)	1st Recirc (D3.2)	2nd Recirc (D3.3)	3rd Recirc (D3.4)
Total Voters	114	114	114	114
Approved	82	86	89	89
Disapproved (w/ comments)	3	2	0	0
Disapproved (w/o comments)	1	0	0	0
Abstained	8	9	9	9
Total Returns	94	97	98	98
Response Ratio (Req. \geq 75%)	82.46%	85.1%	85.96%	85.96%
Abstention Ratio (Req. $<$ 30%)	8.51%	9.3%	9.18%	9.18%
Approval Ratio (Req. \geq 75%)	96.47%	97.73%	100%	100%

10G-EPON

Sadistic Statistics

**Or what it takes to
write a standard**

Presentations



- 64 presenters made a total of 462 presentations
 - Total number of pages: 3727
 - Printed (double-sided), that would create a stack 7.5" high, weighing 20 lbs.
 - This is even higher and heavier than the printed version of the 802.3-2008
 - Luckily ... just expired!

United States Patent [19]

Whiteley

[11] Patent Number:

[45] Date of Patent:

[54] **METHOD AND APPARATUS FOR BURNING
STACKED NEWSPAPERS IN A FIREPLACE
OR STOVE**

4,213,445 7/1980 Mayo
4,248,205 2/1981 Saunders
4,771,760 9/1988 Whiteley
4,773,387 9/1988 Zulkowitz

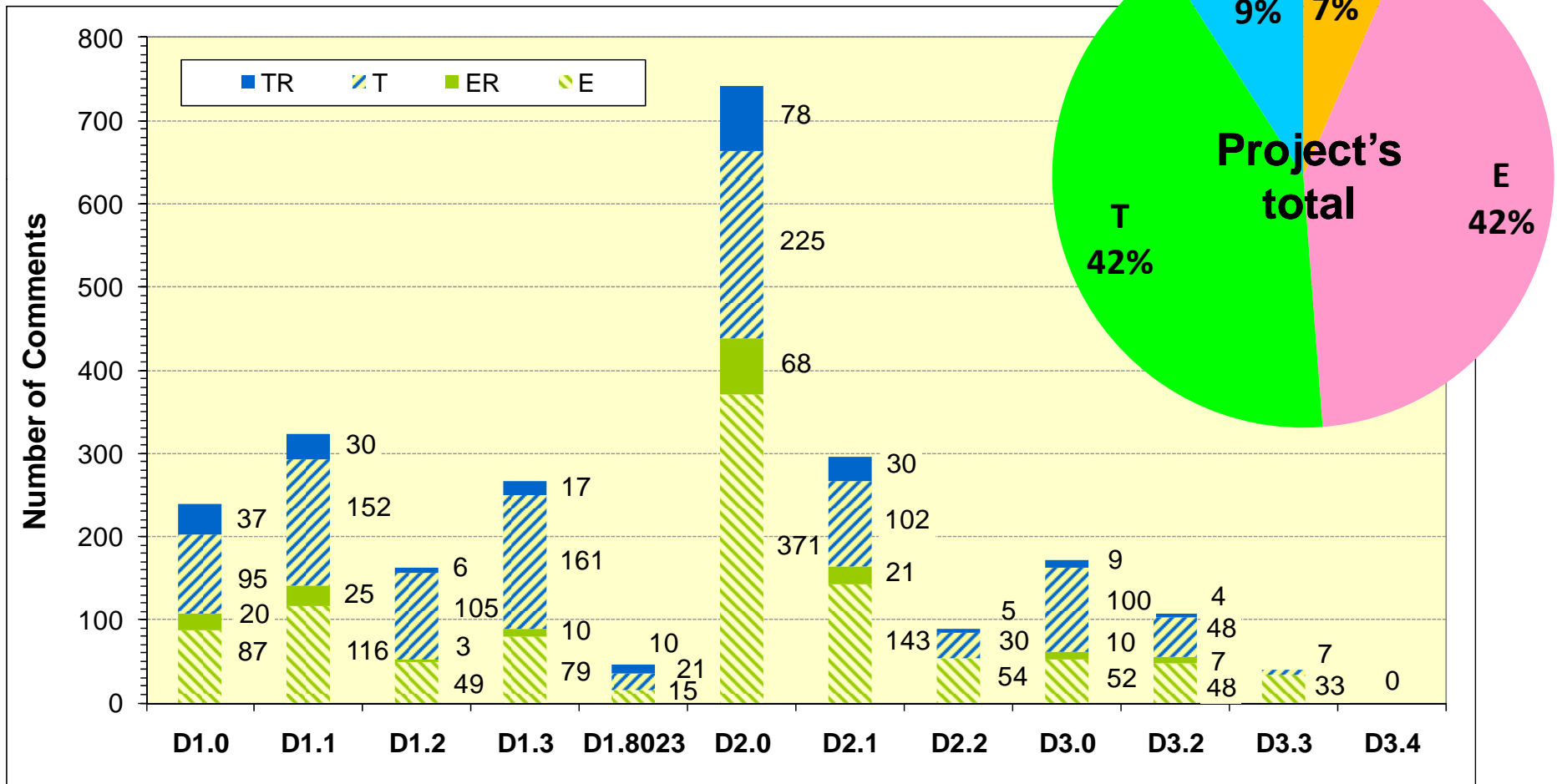
[76] Inventor: Isaac C. Whiteley, 13007 NE.
Gleason, Portland, Oreg. 97230

Primary Examiner—James C. Yeung
Attorney, Agent, or Firm—Epstein, Ed

[21] Appl. No. 500 077

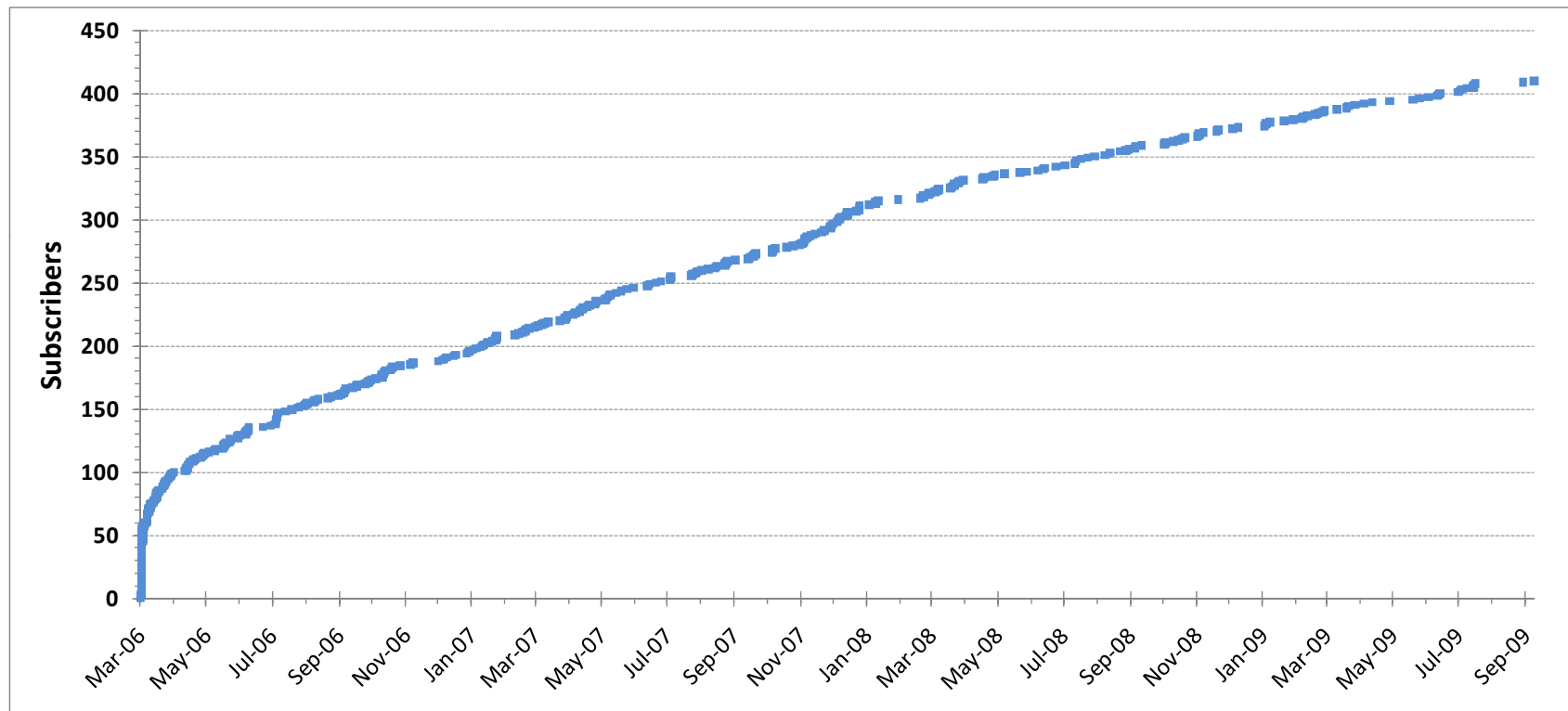
Comments

53 commenters submitted a total of 2501 comments



E-mail Reflector

- By the end of the project, there were 410 unique subscribers on the reflector



After the initial burst of subscriptions immediately after the CFI, there was almost a constant increase up to (and even past) the standard's approval date.

- 20 meetings
 - 9 plenary meetings
 - 11 interim meetings

- Between May 2007 and July 2009,
12,067 man-hours were spent in Task Force meetings (WG meetings excluded).

- ❑ Between January 2008 and July 2009, 802.3av participants flew **1,385,700** miles to attend 802.3av meetings. This distance is equal to
 - ... 55.7 times around the world
 - ... 2.9 round trips to the moon
 - ... 111 years of driving for an average driver
 - Light traveling in vacuum takes 7.4 seconds to cover the same distance

People Responsible for These Statistics

- ❑ Akihiro Otaka, NTT
- ❑ Akio Tajima, NEC Corp.
- ❑ Alan Brown, Enablence Technologies
- ❑ Bin Yeong Yoon, ETRI
- ❑ Bob Grow, Intel
- ❑ David Law, 3COM
- ❑ Dongsoo Lee, ETRI
- ❑ Duane Remein, Enablence Technologies
- ❑ Eric Lynskey, Teknovus
- ❑ Frank Chang, Vitesse
- ❑ Frank Effenberger, Huawei
- ❑ Fumio Daido, Sumitomo Electric
- ❑ Haim Ben Amram, PMC Sierra
- ❑ Hiroshi Hamano, Fujitsu Labs
- ❑ Howard Frazier, Broadcom Corp.
- ❑ Jeff Mandin, PMC-Sierra
- ❑ Keiji Tanaka, KDDI
- ❑ Ken-Ichi Suzuki, NT
- ❑ Lowell Lamb, Teknovus
- ❑ Marek Hajduczenia, ZTE
- ❑ Mitsunobu Kimura, Hitachi Communication
- ❑ Motoyuki Takizawa, Fijitsu Telecom Networks
- ❑ Pete Anslow, Nortel
- ❑ Piers Dawe, Avago Technologies
- ❑ Robert Lingle, Jr., OFS Optics
- ❑ Rujian Lin, Shanghai Luster Teraband Photonics
- ❑ Ryan Hirth, Teknovus
- ❑ Seiji Kozaki, Mitsubishi Electric
- ❑ Sergey Ten, Corning
- ❑ Shane Eleniak, Alloptic
- ❑ Shinji Tsuji, Sumitomo Electric
- ❑ Steve Carlson, High Speed Design
- ❑ Vijay Pathak, Kawasaki Microelectronics
- ❑ Wael Diab, Broadcom Corp.



□ Duane Remein - Chief Editor

– Primary responsibility: clauses 1, 30, 45, 56, 76, 76A, 99

□ Marek Hajduczenia - Assistant Editor

– Primary responsibility: clauses 31A, 31C, 66, 67, 75, 75A, 75B, 75C, 77



We Thank Our Meeting Hosts



Host	Date	Location
Broadcom Corp.	January 2007	Monterey, CA
ITU-T	May 2007	Geneva, Switzerland
Samsung ETRI Korea Ethernet Forum	September 2007	Seoul, South Korea
Intel	January 2008	Portland, OR
NTT	April 2008	Tokyo, Japan
Linear Technology	May 2008	Munich, Germany
LG Nortel	September 2008	Seoul, South Korea
AMCC	January 2009	New Orleans, LA
Tyco Electronics	May 2009	Québec, Canada
ZTE China Telecom	June 2009	Shanghai, P.R. China