IEEE 802.3bg 40Gb/s SMF PMD Task Force

Closing Plenary Report

Dallas, TX

Nov 2010

40GE SMF PMD Task Force organization

Chair: Mark Nowell (mnowell@ieee.org)

Editor: Pete Anslow (panslow@ciena.com)

Web Masters: Chair and Editor

Recording Secretary: Volunteer per meeting – Osamu Ishida this week. Thank you!

Reflector and Web

- To subscribe to the IEEE 802.3 40GE SMF PMD Task Force reflector, send an email to:

  ListServ@ieee.org

  with the following in the body of the message (do not include "<>"):
    subscribe stds-802-3-40GSMF <yourfirstname> <yourlastname>
    end

- Send IEEE 802.3 40GE SMF Task Force reflector messages to:
    STDS-802-3-40GSMF@listserv.ieee.org

- Task Force web page URL:
    http://grouper.ieee.org/groups/802/3/bg/index.html

- Study Group material archived at:
    http://grouper.ieee.org/groups/802/3/40GSMF/index.html

IEEE P802.3bg Private Area

- URL: http://www.ieee802.org/3/bg/private/
  - Username: 802.3bg
  - Password: 4tg_4all

- Write it down as this password will not be posted…

- Note - Any drafts are posted for your review only, and neither the draft nor access information should be copied or redistributed to others in violation of document copyrights.

Task Force Approved Project Documents

- ## PAR
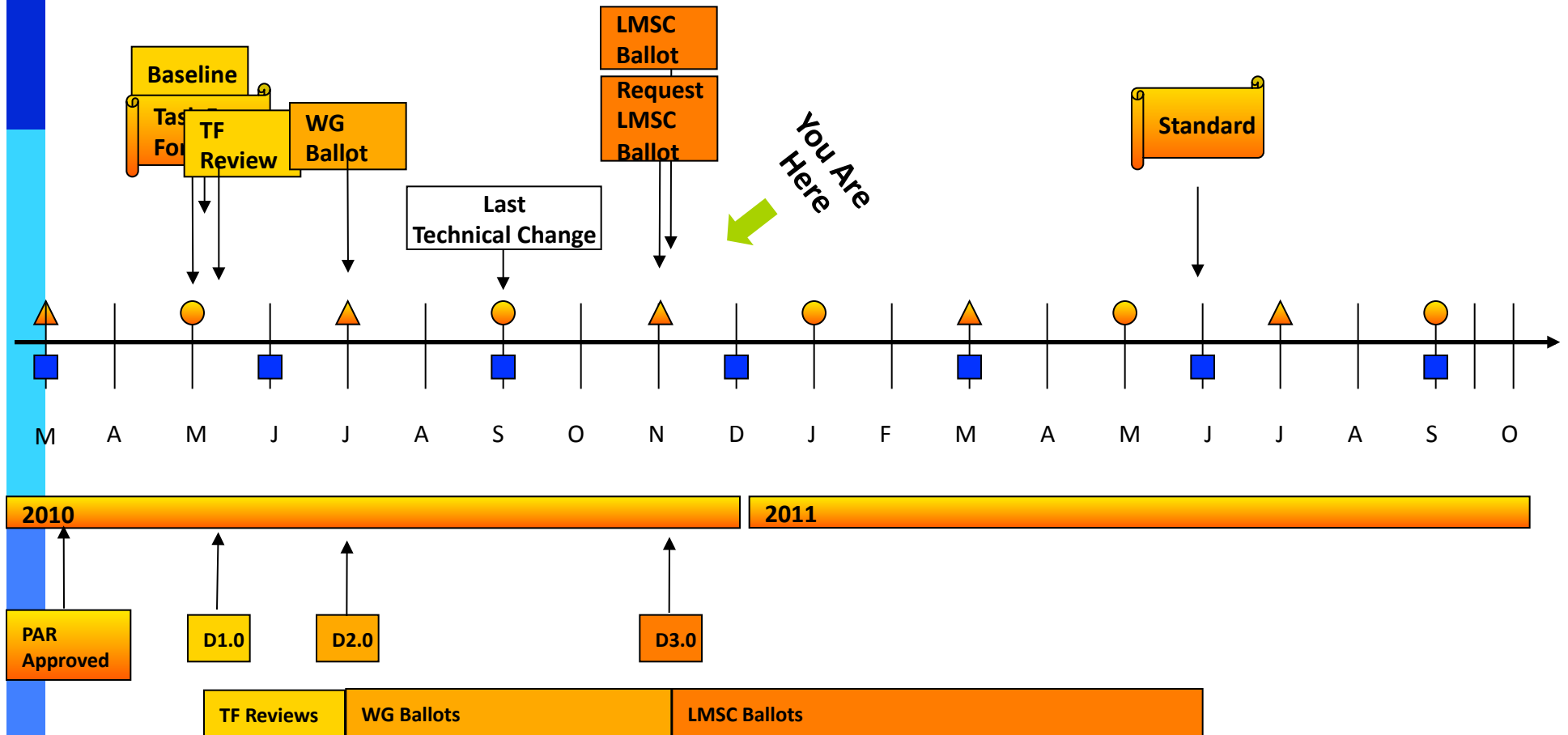 - http://grouper.ieee.org/groups/802/3/40GSMF/40GESMF_SG_PAR_0110.pdf

- ## 5 Criteria
  - http://grouper.ieee.org/groups/802/3/40GSMF/40GESMF_SG_5C_responses_0110.pdf

- ## Objectives
  - http://grouper.ieee.org/groups/802/3/40GSMF/40GESMF_SG_Objectives_0110.pdf

IEEE P802.3bg Task Force Timeline

Baseline

Task Force

TF Review

WG Ballot

LMSC Ballot

Request LMSC Ballot

Last Technical Change

You Are Here

Standard

M A M J J A S O N D J F M A M J J A S O

2010   2011

PAR Approved

D1.0   D2.0   D3.0

TF Reviews   WG Ballots   LMSC Ballots

* Not currently adopted by the TF.

Legend
△ IEEE 802 Plenary
○ IEEE 802.3 Interim
■ IEEE-SA Standards Board

6

Accomplishments for this week

- **Completed D2.1 comment resolution**
  - 62 participants
  - 1 technical presentation supporting comment resolution
  - We resolved "all" 2 comments received on D2.1
  - no changes to D2.1 -> D3.0

- **Generation, Review, and Approval Draft 3.0**

  <u>Motion #1</u> Move that the Task Force:
  - Accept comment resolutions from D2.1 as recorded in the comment database.
  - Directs the IEEE P802.3bg editor to generate Draft 3.0, based on Draft 2.1 and the resolution of comments against Draft 2.1.
    - Results: All (y/n/a): 52/0/0

- **Approval to request Sponsor Ballot**

  <u>Motion #2</u> Move that the Task Force:
  - Request Working Group Chair to seek the EC approval to initiate Sponsor Ballot
    - Results: All (y/n/a): 53/0/0   802.3 (y/n/a) 44/0/0

Accomplishments for this week

• **Approval to request pre-submittal to RevCom conditional on successful Sponsor ballot**

Move that the Task Force:

- • Request that the IEEE 802.3 WG Chair pre-submit IEEE P802.3bg to RevCom conditional on successful completion of the LMSC ballot process, with the understanding that approval for the submittal to remain on the RevCom agenda will be required in March from the IEEE 802.3 WG and EC.
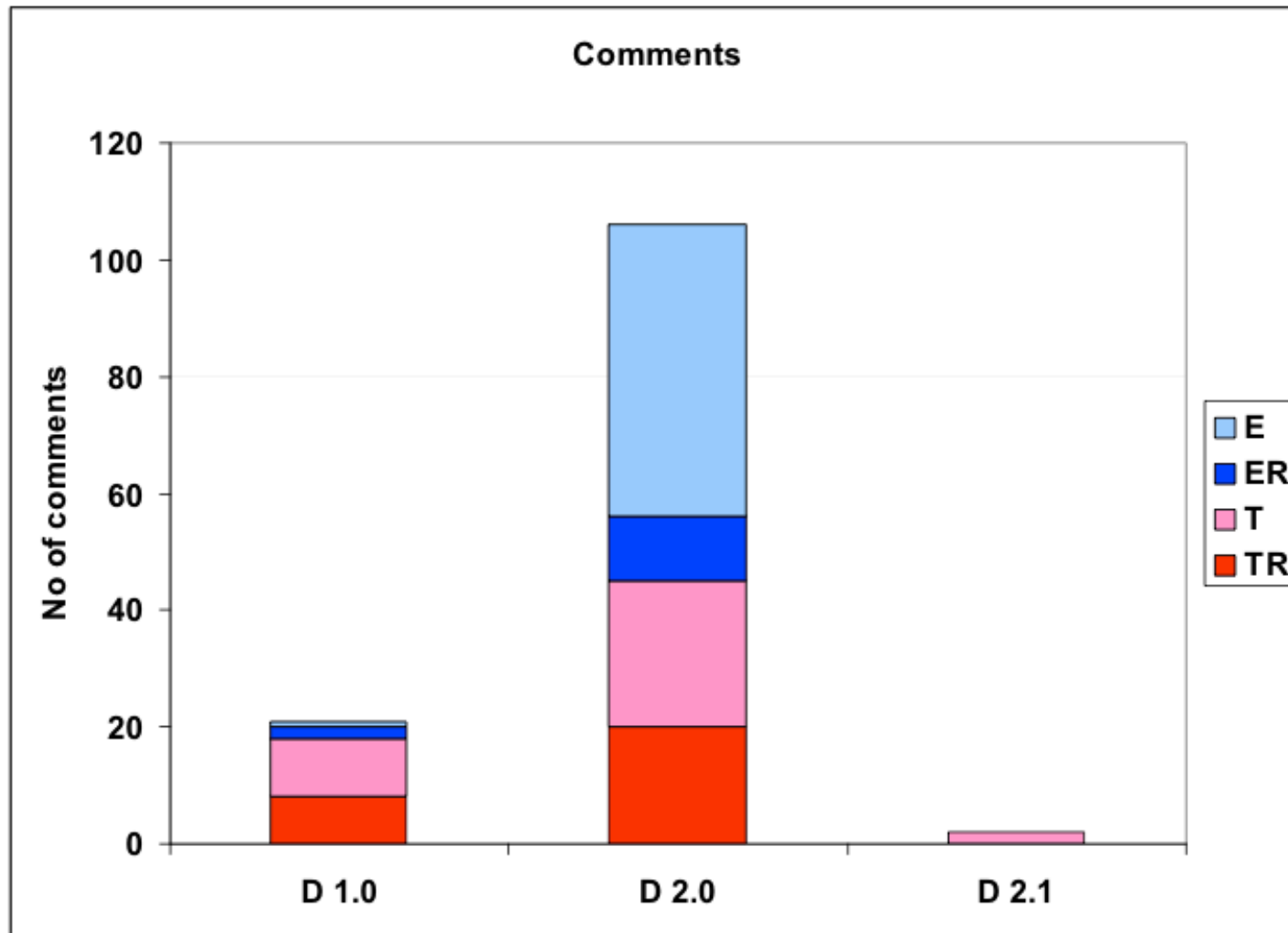
  - • Results: All (y/n/a): 57/0/0   802.3 (y/n/a) 45/0/0

Working Group Ballot Results

	D2.0 initial WG Ballot	D2.1 1st recirc ballot
Voters	144	144
Approve	71	82 *
Disapprove	9	1 *
Abstain	3	3
Returns	83	86
Response Rate (>50% req'd)	57.6%	59.7%
Approval Rate (>75% req'd)	88.8%	97.6%
Abstain Rate (< 30% req'd)	3.6%	3.5%

* Number of disapprove votes at close of recirc ballot was 4. 3 votes have subsequently been changed to "approve".

Comment history

Unresolved negative comments

Balloter	Affiliation	TR/ER	Topic
Piers Dawe	Iptronics	2/0	1) Concern raised that draft does not provide robust interoperability spec. Response: - no proposed remedy - Link budget based on G.692 VSR 2000-3R2. - Shipping in industry with no evidence of issues with inadequate interoperability.
			2) Interoperability concerns based on link budget methodology. Suggest adoption of TDP specifications to ensure interoperability against degraded transmitters that could occur. Response: -ITU link methodology chosen. Intention is that devices compliant with 802.3bg specification could be implemented to also be used for application VSR2000-3R2 as defined by ITU-T G.693 - Transmitter eye mask specification protects against excessively slow transmitter. - Link budget based on G.693 VSR 2000-3R2. Shipping in industry with no evidence of issues with inadequate interoperability.

Working Group Motion

Request Working Group Chair to seek the EC approval to initiate Sponsor Ballot on IEEE P802.3bg D3.0.

M: M. Nowell   S: P. Anslow

Technical Motion (>= 75%)

Results
802.3:
Y:56
N: 0
A: 0

Motion passes

Working Group Motion

Request that the IEEE 802.3 WG Chair pre-submit IEEE P802.3bg to RevCom, conditional on successful achievement of the RevCom submittal requirements, with the understanding that approval for the submittal to remain on the RevCom agenda will be required in March from the IEEE 802.3 WG and EC.

M: Mark Nowell S: Pete Anslow
Technical Motion (>= 75%)

Results
802.3:
Y:59
N:0
A:0   Motion passes

Upcoming schedule

- Sponsor Ballot - Nov 18th-Dec 17th, 2010 on D3.0
- Comment resolution on D3.0 Jan 11-12 @ Ft Lauderdale interim
- Recirculation ballot on D3.1 Jan 20th- Feb 3rd, 2011
- Special interim – D3.1 Comment resolution
    - ~ Feb 8th, 2011. location TBD
    - will be cancelled if there are no comments to be resolved
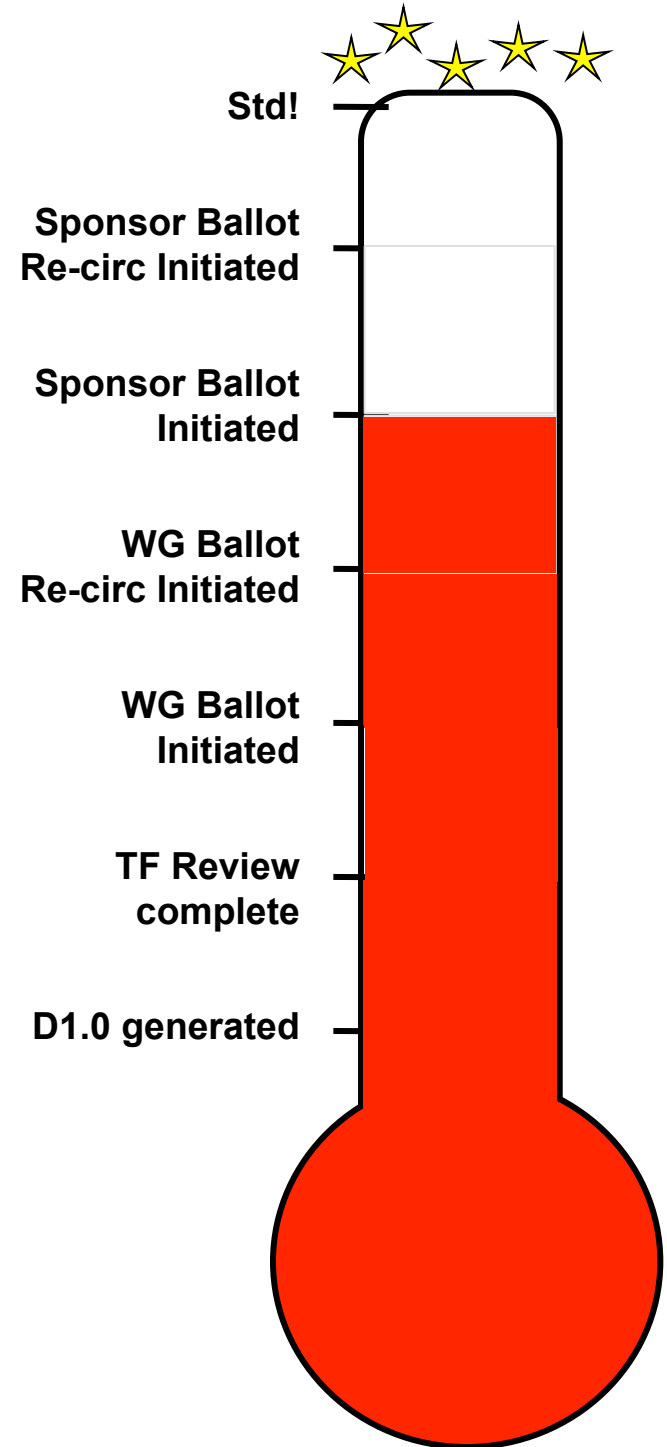
If necessary
- *Recirculation ballot on D3.2 Feb 14th- Feb 28th, 2011*
- *Special interim – D3.2 Comment resolution*
    - *~ Mar 3rd, 2011. location TBD*

- Singapore Plenary – Mar 14th-18th – reaffirm RevCom submittal at WG and EC
- RevCom – Mar 30th, 2011
- SASB – Mar 31st, 2011

Future Meetings

- Future Meeting information at:
  - http://www.ieee802.org/meeting/index.html

- January Interim meeting - Fort Lauderdale
  - January 10th-13th, 2011
  - Fort Lauderdale, FL.
  - Hyatt Regency Pier Sixty-Six

- ~ February 8th (to be announced early January if necessary)
  - Location TBD

- March Plenary – Singapore
  - March 13-18th, 2011
  - Singapore
  - Marina Bay Sands

And now, the much anticipated.....

802.3bg progress-o-meter

Thank You!

Std!

Sponsor Ballot
Re-circ Initiated

Sponsor Ballot
Initiated

WG Ballot
Re-circ Initiated

WG Ballot
Initiated

TF Review
complete

D1.0 generated