IEEE P802.3bn EPoC PHY Task Force Closing Report

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IEEE 802.3 Working Group
17 July 2014
San Diego, California, U.S.A.

EPoC Team

- Vice Chair
  - Steve Shellhammer

- Editors
  - Duane Remein, Chief Editor
  - Chair filling in for comment resolution / draft
  - Looking for additional editor support (volunteers)

- Secretary
  - Volunteer du meeting

Reflector and Web

- ## Email
  - **stds-802-3-epoc@listserv.ieee.org**
  - **282 subscribers**

- ## Web Page
  - **http://www.ieee802.org/3/bn**

- ## Private Area (for draft documents)
  - **http://www.ieee802.org/3/bn/private**

  - **User: 802.3bn**
  - **Pass: XXXXXX**

Activities This Week

- Met:
  - Tuesday 9AM to 6:00 PM
  - Wednesday 9AM to 6:00 PM

- 21 attendees

- 7 technical presentations

- 7 technical motions passed

- Draft 0.6 comment resolution completed

- Approved creation of Draft 1.0!!

- Updated timeline

Technical Motion Summary

#	Text	Y	N	A	P/F
3	Accept the MDIO interface for assigned CNU_ID as described in remein_3bn_02_0714.pdf slides 7 & 9 except create only one register set (CNU_ID, flag, Range & MAC address) and incorporate into the draft.	9	0	0	P
4	Adopt Resource Block (RB) sizes of 1 subcarrier by 8 symbols and 1 subcarrier by 16 symbols as described in slide 3 of "kliger_3bn_02b_0714.pdf". The 1 subcarrier x 12 symbol RB mode will not be adopted. Instruct the Editors to include in the next draft. Instruct Editors to remove 4 subcarrier RB and 8 subcarrier RB modes from the next draft.	11	0	0	P
5	Adopt Burst rules in slide 5 and Pilots rules in slide 6 and Pilot Type definition in slide 4 of "kliger_3bn_02b_0714.pdf". Instruct the Editors to include in the next draft.	13	0	0	P
6	Adopt the upstream OFDMA Frame and Superframe structure as shown in slide 16 of "kliger_3bn_01_0714.pdf" where PHY Discovery Window and Fine Ranging Window of size 128 subcarriers by 4 symbols and Probe share a common area using all subcarriers with a duration of 5 or 6 symbol. Multiple Discovery or Fine Ranging responses may occupy symbol periods at different frequencies. Instruct the Editors to include in the next draft.	12	0	0	P

Technical Motion Summary

#	Text	Y	N	A	P/F
7	Add figures to the draft showing Start and Stop Burst Markers in slides 9 and 11 of "kliger_3bn_02b_0714.pdf".	11	0	1	P
8	Authorize the Editors to create **Draft 1.0** from Draft 0.6 by incorporating approved baseline and comment resolution material from the July 2014 meeting as recorded in Draft 0.6 Comments Approved Responses.	14	0	0	P
9	Instruct the Editors to create registers in Clause 45 to specify CNU upstream pre-equalizer coefficients as two 16 bit registers per subcarrier Clause 101.4.3.12.1. Note for a description see Draft 0.6, Page 143, Line 36.	12	0	0	P

Motion #10

Move to:

Adopt the proposed Task Force timeline update as presented in agenda_3bn_01_0714.pdf.
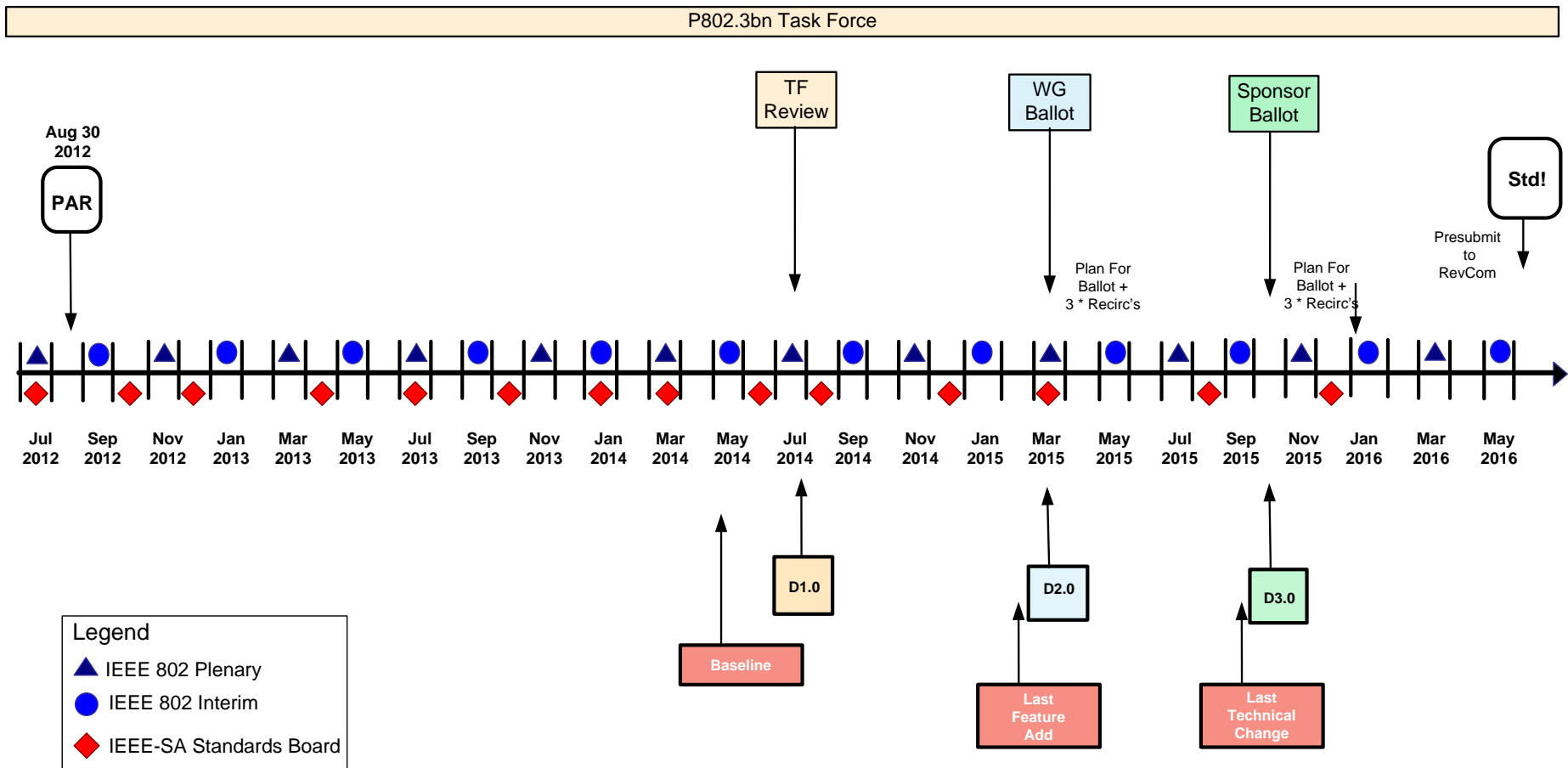
Motion: Procedural > 50%

Everyone in room (Official):
Yes: 14
No: 0
Abstain: 0

Task Force Timeline (7/16/2014)

P802.3bn Task Force

TF Review

WG Ballot

Sponsor Ballot

Aug 30 2012

PAR

Std!

Presubmit to RevCom

Plan For Ballot + 3 * Recirc's

Plan For Ballot + 3 * Recirc's

| Jul 2012 | Sep 2012 | Nov 2012 | Jan 2013 | Mar 2013 | May 2013 | Jul 2013 | Sep 2013 | Nov 2013 | Jan 2014 | Mar 2014 | May 2014 | Jul 2014 | Sep 2014 | Nov 2014 | Jan 2015 | Mar 2015 | May 2015 | Jul 2015 | Sep 2015 | Nov 2015 | Jan 2016 | Mar 2016 | May 2016 |

D1.0

D2.0

D3.0

Baseline

Last Feature Add

Last Technical Change

Legend
▲ IEEE 802 Plenary
● IEEE 802 Interim
◆ IEEE-SA Standards Board

Path to WG Ballot

- Slogan -> Rosie "We Can Do It!"

- Invitation for 802.3 working group members to participate in D1.x comment resolution

- TF realizes OFDM/A on cable operator network is a bit different than copper or fiber media. Therefore, we will plan:

  - White paper:
    - 2014 National Cable Show report on P802.3bn
    - Will update for 802.3
  - Tutorials:
    - E.g.: OFDM/A, cable network channel model, etc.

Next Meeting

- September 802.3 Interim, Kanata, Ottawa, Canada.

- Focus on filling draft technical content

Thank You!