

IEEE P802.3bn EPoC PHY Task Force Opening Report

Mark Laubach

**IEEE 802.3 Working Group
17-20 March 2014
Beijing, China**

EPoC Team

- Vice Chair
 - Steve Shellhammer
- Editors
 - Duane Remein, Chief Editor
 - Marek Hajduczenia
 - Saif Rahman, Joe Solomon stepped down
 - Many thanks for their work
 - Chair filling in for current draft comment resolution
- Secretary
 - Volunteer at each meeting

Reflector and Web

- **Email**

- stds-802-3-epoc@listserv.ieee.org

- **Web Page**

- <http://www.ieee802.org/3/bn>
- Includes sub-group ad hoc committee areas

- **Private Area**

- <http://www.ieee802.org/3/bn/private>
- **Draft D0.1 though D0.4 content as of this time**

IEEE P802.3bn EPoC PHY Documents

- **PAR**
 - http://www.ieee802.org/3/bn/P802_3bn_PAR_300812_approved.pdf
- **5 Criteria**
 - http://www.ieee802.org/3/bn/EPoC_5Criteria_200712_approved.pdf
- **Objectives** (updated 7/18/13)
 - http://www.ieee802.org/3/bn/EPoC_objectives_update_0713.pdf

Activities Since November Plenary

- **Interim meeting Indian Wells, CA, U.S.A.**
 - 35 attendees
 - 17 presentations
 - 10 technical motions approved, 124 total
 - 1 base line proposal selections 13 to date
- **Ongoing Work Item and Socialization committee conference calls**
 - History under <http://www.ieee802.org/3/bn/public/>
- **Technical Decisions (motions) on-line:**
 - <http://www.ieee802.org/3/bn/public/decisions/decisions.html>
- **Baseline Proposals on-line:**
 - <http://www.ieee802.org/3/bn/public/decisions/baseline.html>
- **Work items list on-line:**
 - http://www.ieee802.org/3/bn/public/wias/workitems_3bn_01_0214_markup.pdf
 - Need to be synchronized with current draft

Notable Decision

Motion# 3

Move to: Separate P802.3bn work into two efforts:

1. EPoC FDD work will continue under existing P802.3bn project documents.
2. TDD work to be spun off to a new 802.3 project, pending CFI, 802.3 working-group, and 802 EC confirmation.

Note: this would authorize P802.3bn Chair to work with the 802.3 Chair and WG with the goal of seeking study group approval for the EPoC-TDD study group by the 802 EC at 2014 March closing plenary meeting.

Moved: Eugene Dai

Second: Edwin Mallette

For: 22

Against: 0

Abstain: 4

Technical ($\geq 75\%$) Motion Passed

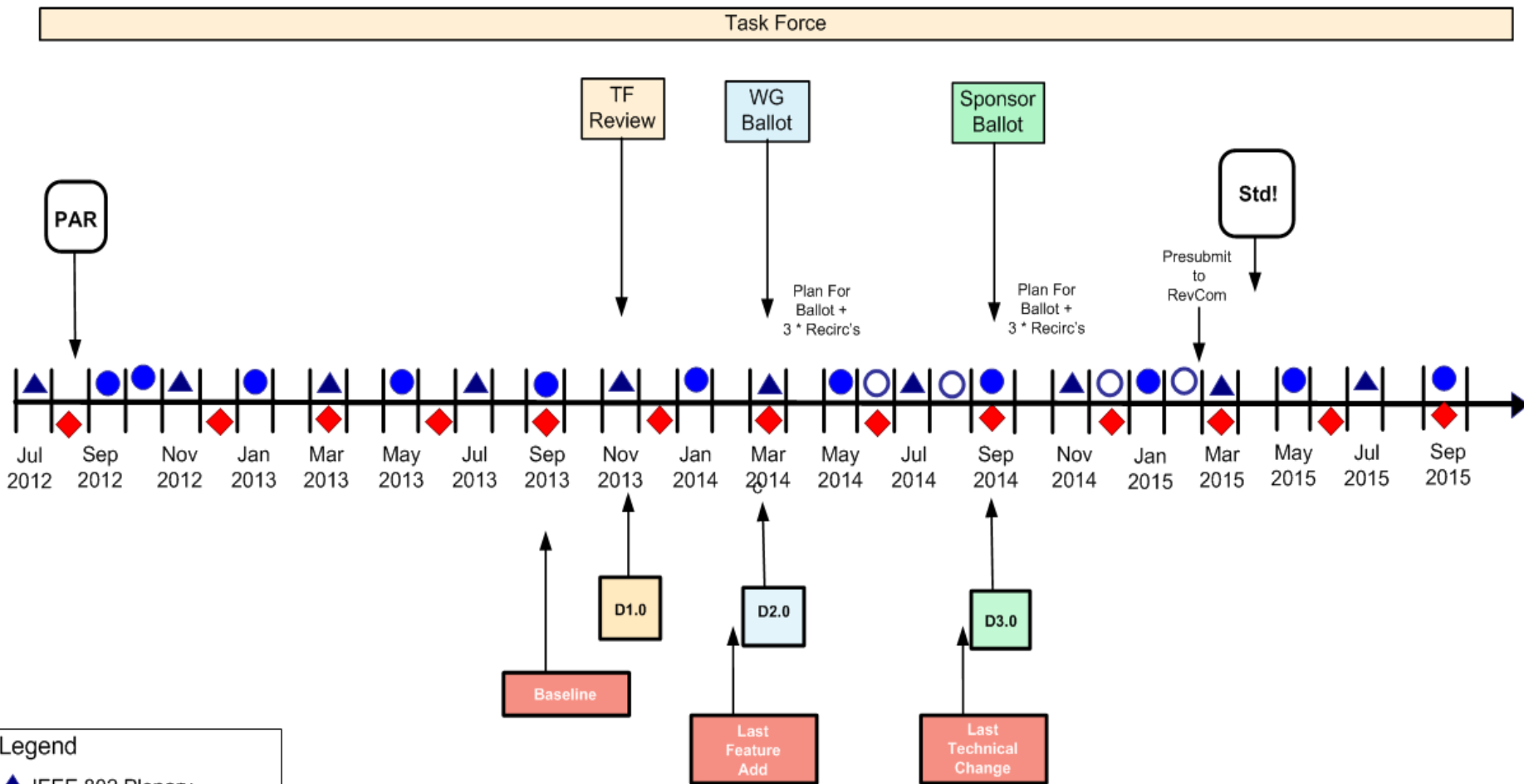
TDD CFI Status

- Seeking CFI / Study Group potential Chair.
 - No individual that met the 802.3 WG Chair's qualifications were identified in time for CFI for this plenary meeting
 - 802.3 Chair and P802.3bn Chair are meeting this week for discussions with a potential candidate

Other Progress

- Decisions that have reduced options:
 - 4K FFT only, removed 8K FFT option
 - Reduced cyclic prefix and windowing options
- Draft 0.3 comment processed
 - [0114 Opening report: Editors](#)
- “Retired” all sub-group charters

Task Force Timeline (updated 3/21/13)



Legend

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

Moving Forward

- Task Force challenges
 - Focus on specifications and baseline text
 - Substantial arguing on socialization calls
 - Neglecting past decisions
 - Chair's input: focus on needed work, circle back later on potential areas for optimization
 - Completing TF draft text
 - General participation in comment resolution
 - Mostly from a few individuals

Plan for this Week

- Meet two and half days:
 - Tue, 9A to 6P (reports, presentations, begin comment resolution)
 - Wed, 9A to 6P (Draft D0.4 comment resolution)
 - Thu, 9A to Noon (straw polls, motions, topics)
- Agenda / Goals
 - Daily presentation agendas on-line:
<http://www.ieee802.org/3/bn/public/mar14/index.html>
 - 7 presentations and 2 reports
 - TF D0.4 comment resolution
 - Straw polls and motions
 - Review Task Force Timeline – update next plenary
 - Update “Work Items” for next meeting

Thank You!