P802.3bn Combined PHY Link ad hoc and PHY sub-Task Force Opening Report

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Since September Interim Meeting

- Held 5 conference calls
  - Minutes and slides are posted at:
  - http://www.ieee802.org/3/bn/public/subtaskforce_phy/
  - 10/2/13: 13 attendees
  - 10/16/13: 13 attendees
  - 10/23/13: 8 attendees
  - 10/30/13: 13 attendees
  - 11/6/13:
- Reviewed Work Items List on several calls
  - http://www.ieee802.org/3/bn/public/workitems_3bn_01a_1013.pdf

Key Items Presented / Discussed

- Editor work:
  - CRC-40, Data Detector, FEC Encode for FDD
- Updates to kliger/laubach PHY block diagrams
- Data rate adaptation
- FDD PCS Structure TX Downstream
- Clause 102 issues
- PMD electrical baseline socialization
- TDD
  - Use of downstream markers discussed
  - Concept of using upstream burst mode FDD for downstream TDD
  - PMD for RF on/off issues needs to specified
- Upstream electrical requirements – first look for January meeting

Going Forward

- Weekly conference calls will continue as needed
- Meetings announced on the email reflector
- Agenda items (presentations, discussion items) need to be in by the Monday 5pm Pacific time before each Wednesday
  - Call may be cancelled if no agenda items

THANK YOU