Channel Model Ad Hoc:
Agenda and General Information

Channel Model Ad Hoc Teleconference

2005 May 11

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If you are present on today’s call, please send me an e-mail indicating your attendance.

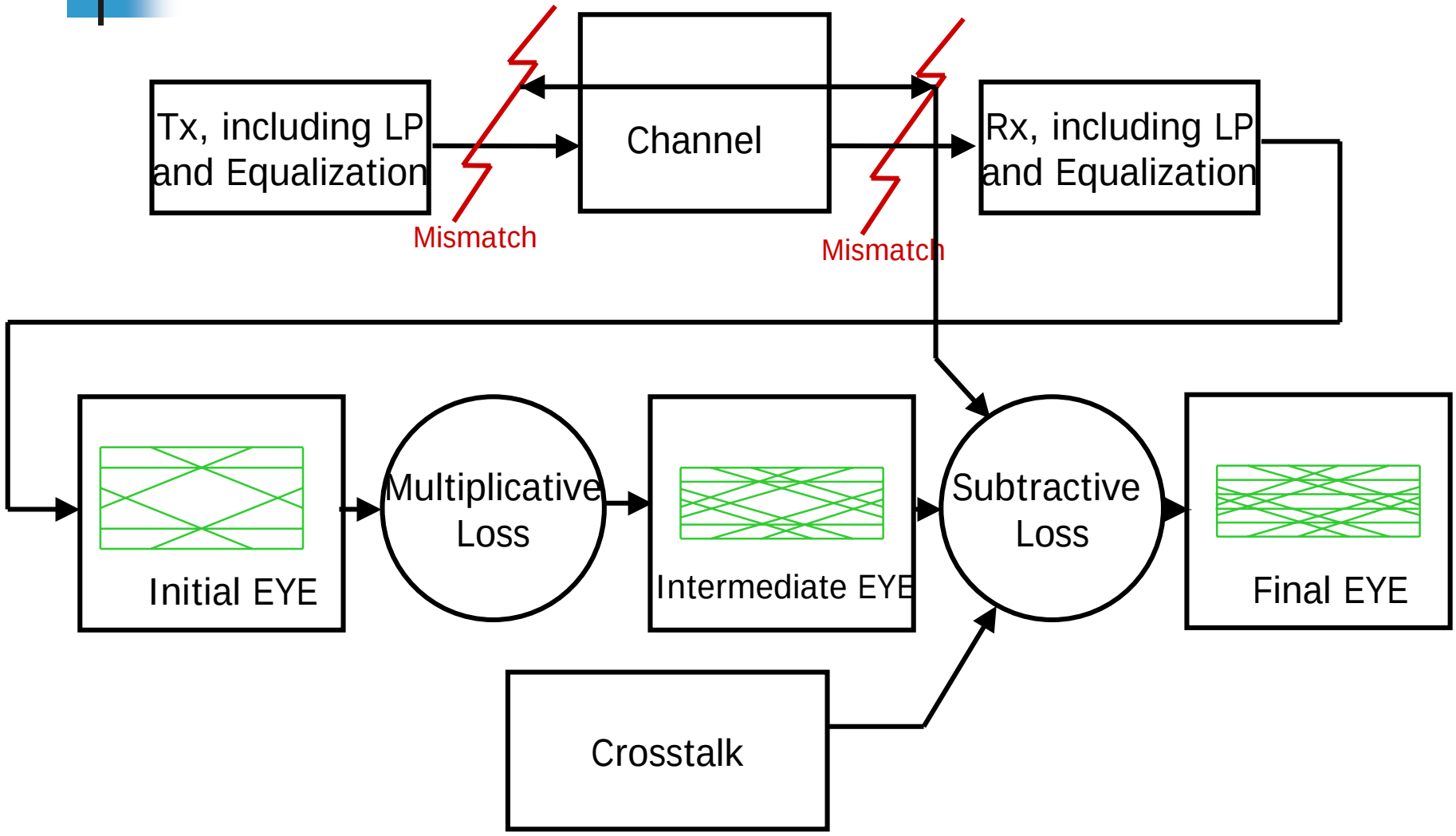
Schedule of Events

- Teleconference: Wednesday, May 11 (10am PST)
- Wednesday, May 11 (midnight EST)
  - Deadline for requests for presentation time.
- Monday May 16 – Wednesday May 18
  - IEEE P802.3ap Task Force Meeting
  - Austin TX

Meeting Agenda

- Carry-over items
- New business
  - **Link Budget model: update**
- Walk in
- Straw polls

Link Budget model



Link Budget Continued

Possible items in link Budget:

Multiplicative: (gain-attenuation)

1.	Tx return loss:	fixed or channel SDD11 dependent
2.	Rx return loss:	fixed or channel SDD22 dependent
3.	Channel loss:	Computed from channel
4.	Tx equalization effect:	May be positive or negative depending on how Channel loss is treated
4.	Rx equalization effect:	May be positive or negative depending on how Channel loss is treated
6.	Hybrid EYE loss:	alternative to 1-5 by hybrid computation
7.	Tx jitter other than DCD:	fixed
8.	Jitter multiplication:	One treatment of DCD
9.	Rx jitter:	fixed

Link Budget Continued

Possible items in link Budget:

Additive: (direct deduction from EYE height)

1. Cross talk penalty: Channel cross talk dependent, Use root power sum from healey_c1_0505?
2. Un-equalizable ISI: may be covered by Hybrid model
3. Re-reflection: may be covered by Hybrid model
4. DCD penalty fixed, alternate treatment of DCD
5. Receiver margin: fixed, consists of:
   a. Noise
   b. Fixed offset
   c. Minimum Slicer input

Straw Polls:

1. Use square root of Power sum of Cross talk power integrals as described in healey_c1_0505, multiplied by TBD as crosstalk penalty.

Y.

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A.