

100GBASE-KP4 Transmitter Characteristics Ad Hoc

1 November, 2012

- This call is an IEEE appointed ad hoc.
- The meeting rules apply regarding IP, cost, confidential clauses, etc.

Attendance

- If you are on the call, please send me an email
- * 6 to mute and unmute

Agenda

- IEEE patent policy reminder
<http://www.ieee802.org/3/patent.html>
- Open Action Items
- Overhead bits usage (Zhongfeng Wang and Matt Brown)
- Linear fit pattern proposal (Adee Ran)
- Continue linear fit discussion
- Discuss next steps

Open Action Items in Ad Hoc

- First analysis of transition times from linear fit (Charles Moore)
- Training to data mode initialization with termination bits (Adee/Kent)
- Training pattern seed structure changed based on partial state to full state pinning (Adee/Kent)
- Example training frame sequence (Adee/Kent)
- Pk-pk limit approach is different from Clause 93. (TBD)
- Investigate linear fit pattern (Adee/Kent)
- Coef ratios for INITIALIZE (Kent Lusted)
- Report out discussion on overhead bits (Zhongfeng Wang and Matt Brown)

Overhead bits

- See PMA-2options.pdf
- Brown_3bj_kp4_overhead_v2.pdf
- wang_-01-1112-bj.pdf

Linear Fit Pattern

- Pattern choices:
 - 100GBASE-KP4 training frame
 - PMA frame sized training frame as reviewed in last ad hoc
 - QPRBS13 pattern
 - ??

Linear Fit Discussion

BACKUP
