

802.3bp 1000BASE-T1 PHY Ad Hoc Report

Beijing, China

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PHY Ad Hoc Status (03/20/2014)

- **The group reviewed William Lo's motions for transcoding and line rate. There was unanimous consensus to move these motions in the task force meeting on 3/20.**
- **William Lo presented his proposal for Clause 73-based fast Autoneg. The group decided to review his proposal and discuss it further during May interim meeting.**
- **Finally, the group discussed the high priority items to be resolved by or at interim meeting in May.**
- **The items for "PoDL noise impact" and "TX PSD mask" are expected to be defined by or at May-2014 802.3 interim meeting.**

PHY Ad Hoc Status (03/20/2014) (cntd.)

| # | Description of Action | Priority | Responsible | Status |
|----|-------------------------------------------------|----------|-------------|--------------------|
| 1 | Decision on modulation scheme | High | TF members | Closed |
| 2 | Decision on transceiver latency for FEC options | High | TF members | Agreed tentatively |
| 3 | Completing the definition of noise sources | High | TF Members | Closed (*) |
| 4 | Framing Definition | Medium | TF members | Closed (**) |
| 5 | PoDL noise impact | Medium | TF/PoDL TF | May-2014 |
| 6 | Decision on TX PSD Mask | Medium | TF members | May-2014 |
| 7 | Effect of Error Propagation | Medium | TF members | TBD |
| 8 | 1000BASE-T1 FEC | Medium | TF members | TBD |
| 9 | Fast Auto Negotiation | Medium | TF members | TBD |
| 10 | PHY control & start-up procedure | Medium | TF members | Open |
| 11 | Energy Efficient Mode | Medium | TF members | Open |
| | Other topics? | | | |

* Need the final number for BCI mA to mV conversion.

** To be voted on 3/20/2014