
P802.3bp 1000BASE-T1

IEEE 802.3 Ethernet Working Group

Steven B. Carlson

High Speed Design, Inc.

November 3, 2014

San Antonio TX

IEEE P802.3bp Task Force

- Met in Kanata, ON, CA Monday and Tuesday, September 8-9, 2014
- ~50 people in the room (some from from P802.3bu PoDL and 100BASE-T1)
- **EMC and Noise**
 - Presentations on scrambler choices for EMC
- **Channel**
 - Adopted additional baseline material for channel Annex
 - PoDL – report PoDL fault conditions

IEEE P802.3bp Task Force

- **PHY**
 - Adopted FEC baseline and bit ordering
 - Continued work on auto-negotiation (link start-up and training needed for 1000BASE-T1)
 - Presentations on EEE
 - PHY ad hoc
- **Draft**
 - Chartered Chief Editor to create D1.0 for TF review and comment
 - Received ~ 50 comments

Goals for the week

- Meet Tuesday, 8:00AM – 6:00PM and 8:00AM- noon Thursday
- Joint session with P802.3bw 100BASE-T1 on Wednesday
- Comment resolution to D1.0
- Presentations
- Adopt autonegotiation and EEE baselines
- Adopt PCS, PMA, and FEC text
- Charter Chief Editor to create D1.1 for review and comment
- On timeline

Thank you!