Joint T11.2/T11.3 Ad Hoc Group Meeting Report December 2019

- Met on Wednesday, December 4th from 1:30pm to 3:00pm

- **C2M training on 128GFC links, Anil Mehta, BSN, T11-2019-00225-v3**
  1. Algorithm was discussed that would support transmit training between the host ASIC and the modules.
  2. Training to improve optical link quality was added to the presentation
  3. How this training will impact link bring-up time was discussed

- **Link bring-up time on 128GFC links, Anil Mehta, BSN, T11-2019-00343-v0**
  1. Link bring-up time estimates for 32GFC and 64GFC were reviewed
     1. 32GFC 2 seconds
     2. 64GFC 5.5 seconds
  2. **128GFC estimate is 19.5 seconds**
  3. Group believes this is way to long for link down/up event
  4. Initial start-up can be longer than a link down event but even for that 19.5 seconds is long.

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- **SFP-DD HW spec speed signals, Tom Palkert, Macom, T11-2019-360-v0**

  1. Discussion about updating the rate select pin in the HW spec for SFP-DD

  2. Two options being considered

     1. HW configured for high level on the pin, SW for low level
     2. SW for both high level and low level

  3. Recommendation in the presentation was for option 1

  4. Group believed option 2 was the best because it gave flexibility moving into the future.

Joint T11.2/T11.3 Ad Hoc Group Meeting requests December 2019

- **Future meeting schedule**

  1. Wednesday 02/05/19 from 1:30 to 3:00 in Ft Worth TX
  2. Request two conference calls.