

Closing Report

IEEE P802.3ca 100G-EPON

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San Diego, CA
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Ft. Worth Meeting

NG-EPON

- How many days at next meeting?
 - Ask for 3 days, avoid Sunday
 - Maybe Monday 1 pm to noon Thursday
 - No overlap with YANG

Decisions to make next meeting

- ❑ System architecture: 1+3 or 1+4
- ❑ Downstream channel bonding solution w/ state diagrams
- ❑ Wavelength plan
 - Power budget dependencies:
 - “unified” receiver sensitivity
 - EML and DML AVPmin and ER
 - EML and DML TDP vs. wavelength
 - (this will quantify our need for additional FEC gain)
 - Wavelength plan dependencies:
 - DML dispersion tolerance at 1270 nm
 - Possibility of using uncooled DMLs (at some point)
 - TDM vs. WDM co-existence with 10G EPON
 - Insertion loss and cost of filters if 50/100G wavelengths also in O-band
 - Technical feasibility evaluation of DWDM wavelengths in O-band (Dekun)

Thank you!