Objectives

- Support subscriber access networks using point to multipoint topologies on optical fiber
  (Passed by voice vote without opposition)

- PHY(s) to have a BER better than or equal to $10^{-12}$ at the PHY service interface
  (Passed by voice vote without opposition)

- Provide physical layer specifications:
  - PHY for PON, 10 Gbps downstream/1 Gbps upstream, single SM fiber
  - PHY for PON, 10 Gbps downstream/10 Gbps upstream, single SM fiber
    (Y:34, N:0, A:2)

- Define up to 3 optical power budgets that support split ratios of 1:16 and 1:32, and distances of at least 10 and at least 20 km.
  (Y:51, N:0, A:10)