

P1394b S800+ PMD Task Group Report - September 1997 - 2

- ▢ Received presentation from HP analysing transceiver performance
 - based on the Gigabit ethernet model
 - interoperable S800 and S1600 transceivers are practical with technology being developed for GE
 - S3200 requires further R&D which will take longer
 - ▶ don't incorporate S3200 long haul performance parameters in P1394b
 - S3200 will require 50 um MM glass optic fibre (62.5 is unsuitable)
 - ✓ reaffirm the 50 um GOF decision
 - ✓ but allow future developments of POF technology with equivalent performance

- ▢ Issues on compatibility for slower speeds
 - should the S800 be interoperable with the slower speeds?
 - ✓ no problem for interoperability with S400, but no cost saving for an S400 only transceiver
 - ✓ modest product development required for interoperability with S100, technology not currently in the market
 - is it worth specifying a S100, S100+S200(?) performance transceiver?
 - ✓ estimated factor of 2 saving in transceiver cost

- ▢ Decided to go ahead with a specification based on the proposal for S800 and S1600 only