



P1394b Liaison Report



VESA/P1394b Liaison Report



P1394b Timeline

- ◆ Expect 0.5 rev. spec. by the end of '97
- ◆ 0.9 rev. by summer '98
- ◆ Ready for balloting Q1'99



Current Technical Choices

- ◆ **Modified IBM 8b/10b, extra control words which have superior error control**
- ◆ **Symbol level scrambling for FCC compliance**
- ◆ **Copper electricals based upon Fibre Channel and Gigabit Ethernet**
- ◆ **Full duplex signaling**
- ◆ **S800, S1600, and S3200 speeds planned**
- ◆ **S800 will use a 1394a plug compatible receptacle**
- ◆ **S1600-S3200 at some point will need a new receptacle**
- ◆ **50 micron MMF only for glass long-haul**
- ◆ **We plan to choose a GOF connector**
- ◆ **The POF standard may have many connectors (4 so far)**
- ◆ **Support for 100, 200, 400 Mbs 8b/10b beta modes**
- ◆ **We hope to eliminate Gaps!**



Home Wiring Guidance

- ◆ GOF only for future proofing
- ◆ GOF is within 2X of POF costs but supports S3200
- ◆ VCSELs will be very inexpensive laser sources
- ◆ Labor costs will dwarf any materials costs
- ◆ Usage models will likely demand S400 backbones initially



For further information

◆ <http://www.zayante.com/>