

Upstarts - April 98

Welcome, Introductions

Review of D0.10

- C code for modified tone proposal now in the draft
- modification includes positive acknowledgement to complete the negotiation

Tone frequency (NEC presentation)

- optical transceivers probably need something above 30MHz
- decided to specify as 61.44 MHz
- may specify a range?

Open issues

- may not need the bias filter (at least during start up)
- may not need to do the TpBias phase repeatedly
- need to check that TpBias interval does not cause false P1394a detect
- Experience of Fibre Channel start-up
 - ✓ high impedance or static transmitter may produce valid-looking signal at the far end
- Check the effect of the external P1394a electrical components
 - ✓ time to charge up the capacitor on TPA - may need to spec it carefully - now thought to be OK
 - ✓ avoid false TpBias detect from the input biasing on an optical transceiver

P1394b speed tone timing

