

Comments on 98-007r0

- If Con_mode == 0, then the port stays in P0: Disconnected until incoming TpBias is detected, and then it will move into P1:Resuming, at which point it will generate its own TpBias, and then end up in P2: Active. But if it is connected to another port which is also operating with Con_mode == 0, then neither will generate a TpBias, and both ports will stay in P0:Disconnected for ever.
- proposal effectively allows a PHY to avoid implementing the P4: Suspend Target state, and thus avoid having to participate in this part of the suspend/resume protocol, and in particular avoid having to recognise RX_SUSPEND or RX_DISABLE.
 - this is allowing P1394a compliant PHYs to avoid a central part of the suspend/resume protocol, and allows them to act as suspend domain barriers
 - runs against the purpose of Suspend/Resume
 - exacerbates the problem of dealing with 1394-1995 PHYs