

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks

Submission Title: [Proposing New PAR Data Rate]

Date Submitted: [September 14, 2003]

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Re: [Doc. 04/524 IEEE P802.15.SG3c]

Abstract:[]

Purpose: [Use as one of the sets of criteria for establishing the Alternative PHY standard for IEEE 802.15.SG3c]

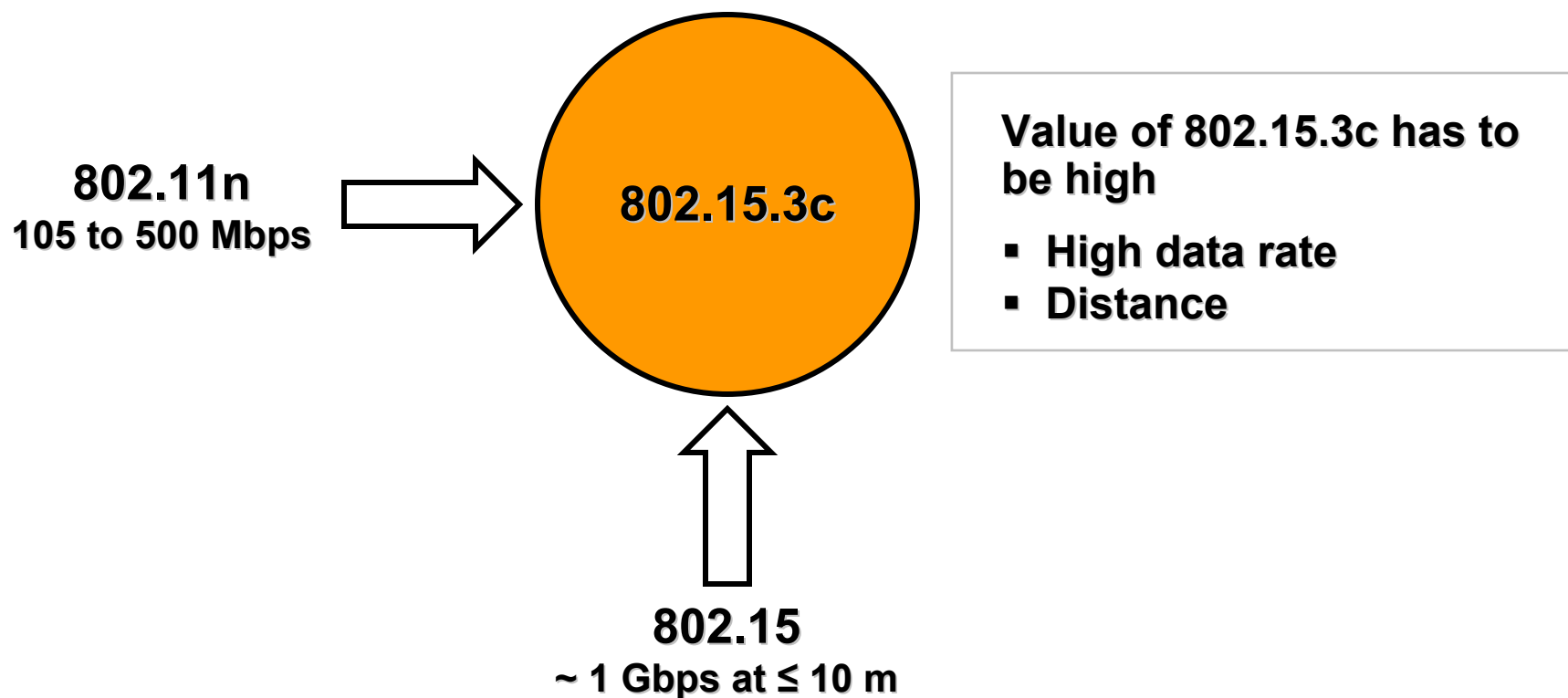
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Purpose

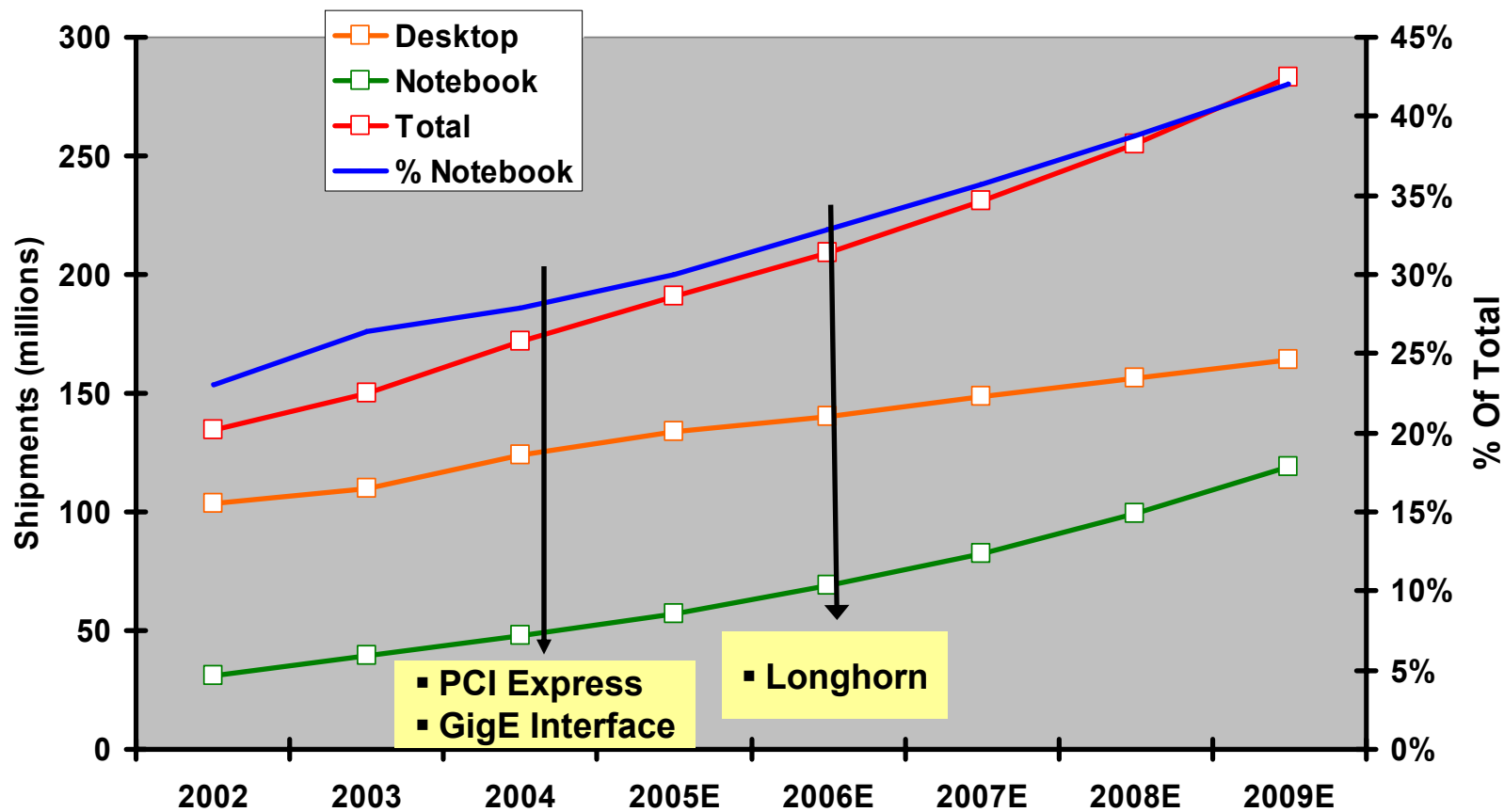
Suggesting a mandatory data rate of 1 Gbps

Competing Environment



PC Shipments

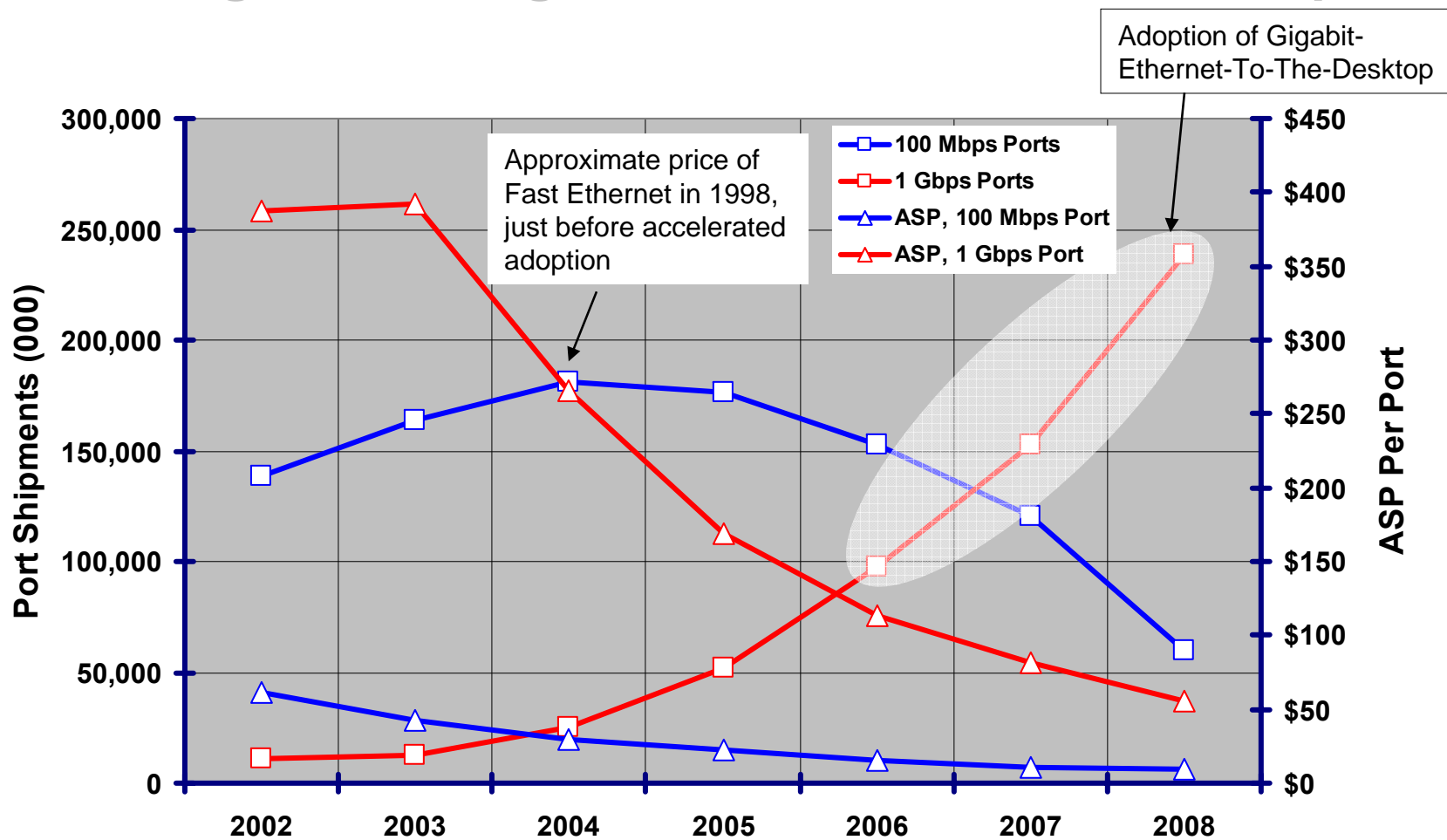
Emergence of Gigabit Ethernet



Source: PiperJaffray - Worldwide PC Unit Growth Forecast, May 26, 2004

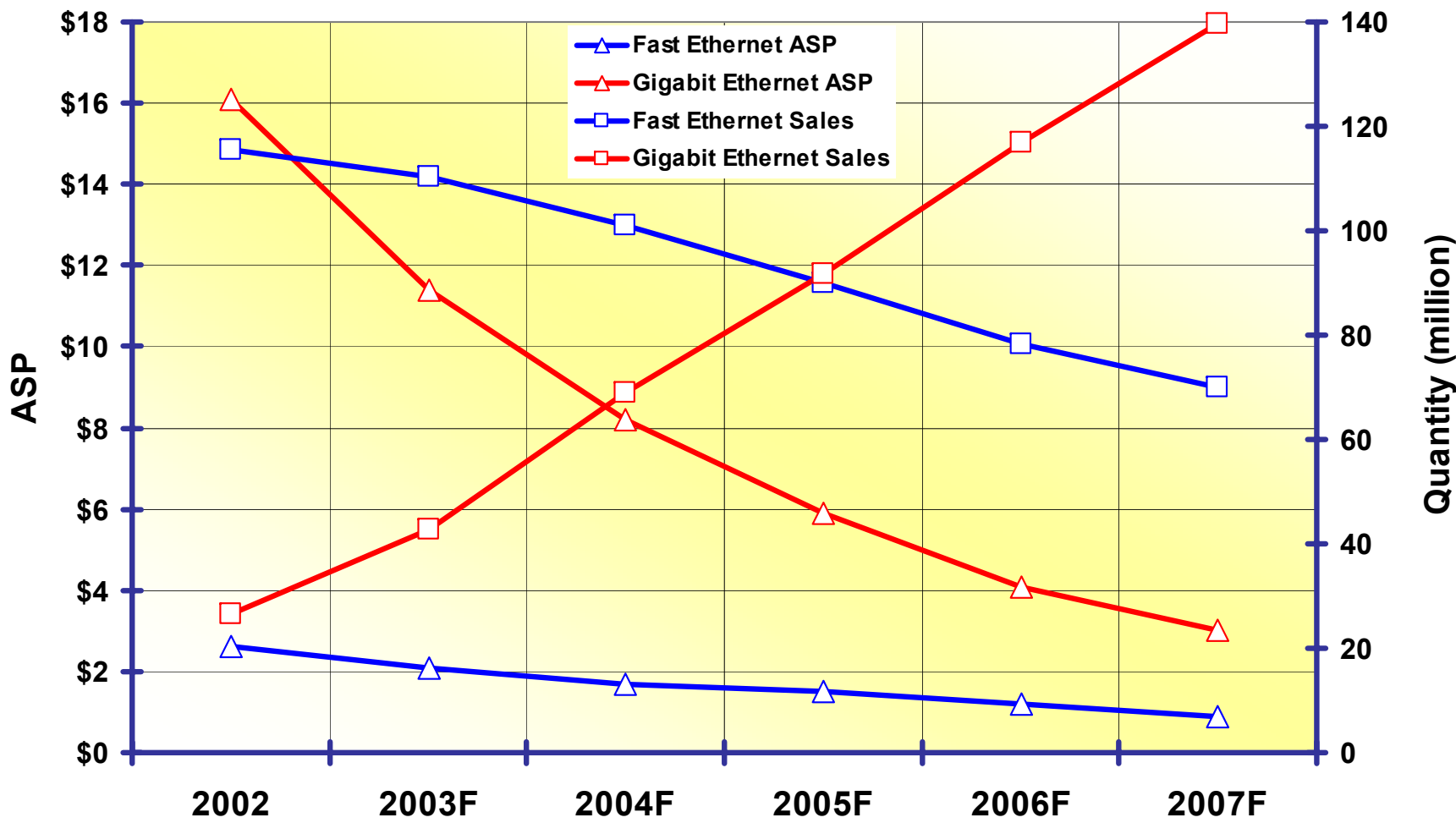
LAN Port Shipment

Emergence of Gigabit-Ethernet-To-The-Desktop



Source: IDC - World Wide LAN Switch Forecast, January 2004

Gigabit Ethernet IC Sales



Source: UBS Investment Research, Taiwan LAN Controller IC Update, December 2, 2003

Conclusion

- Market trend suggests wide spread use of Gigabit Ethernet in the future
- Therefore, it is the clear choice