

SYSTIMAX®
SOLUTIONS

Multimode Fiber Mix Survey 1999 thru 2003

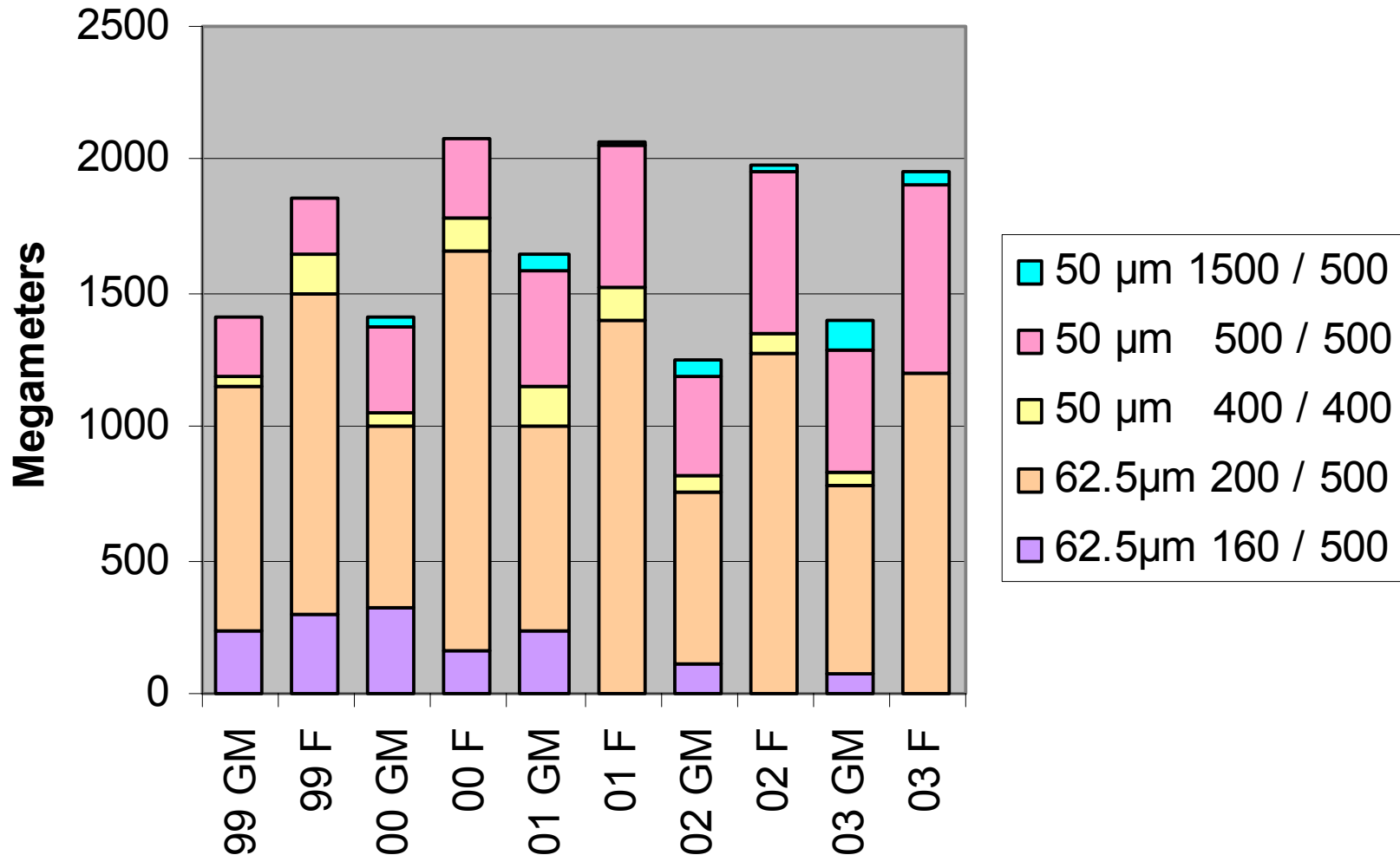
Paul Kolesar
IEEE P802.3aq, May 2004

Purpose and background

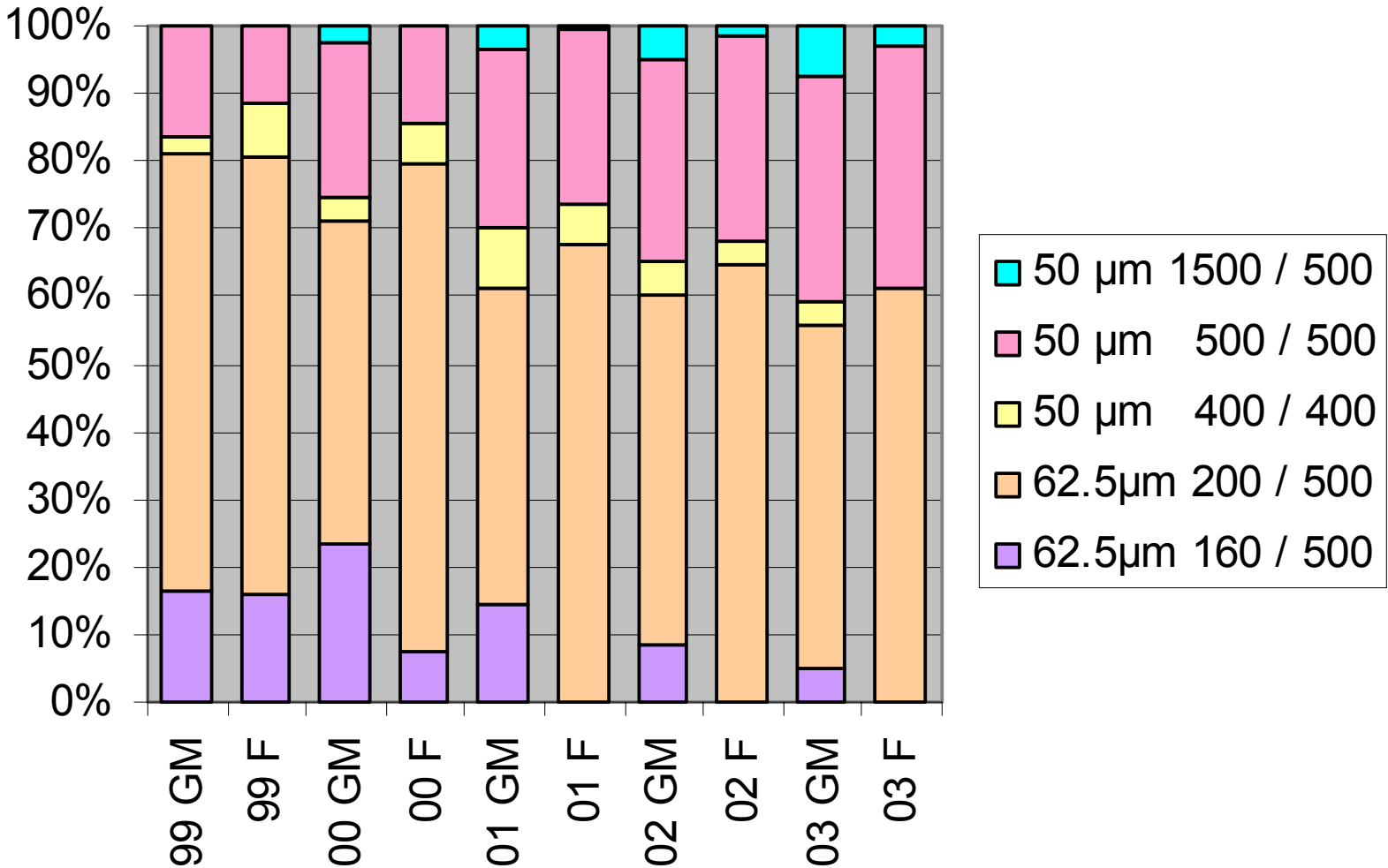
- **Cross check of survey presented by Alan Flatman at March 2004 meeting of “10Gigabit on FDDI-grade Multimode Fiber” study group.**
- **Data gathered from three major fiber manufacturers for MMF sales mix over past 5 years.**
- **Comparison made to Flatman’s worldwide market data.**
- **No projections into future attempted.**

Acknowledgement and thanks to Tim Drapela of NIST for compiling the data.

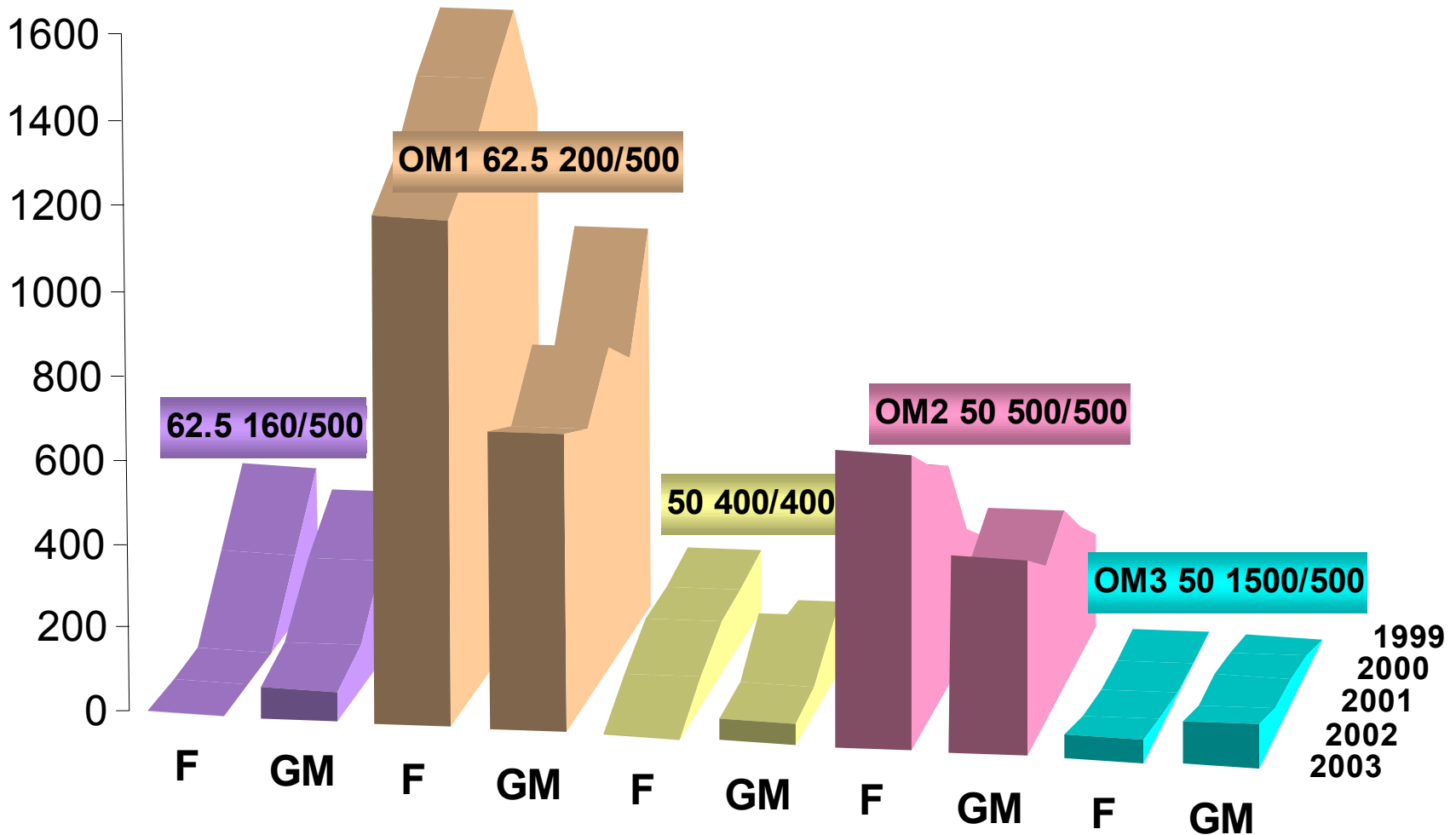
MMF Sales Volumes: Flatman vs. 3 Glass Manufacturers



MMF Sales Mix: Flatman vs. 3 Glass Manufacturers



MMF Trends Comparison: Flatman vs. 3 Glass Manufacturers



Observations

- **The three glass manufacturers represented herein account for ~72% of the MMF volume included in Alan Flatman's survey of March 2004.**
- **Trend agreement exists between surveys**
 - All 62.5µm and 400/400 50µm in decline
 - OM2 and OM3 growing
- **Current sales mix is more varied than in Flatman**
 - 160/500 62.5µm and 400/400 50µm still sold
- **OM2 growth rate appears ~40% lower**
- **OM3 divergence**
 - market penetration 1 – 2 years earlier
 - current volume 100% higher
 - installed base almost 3x larger