Quarterly Investor Fact Sheet

April 27, 2009

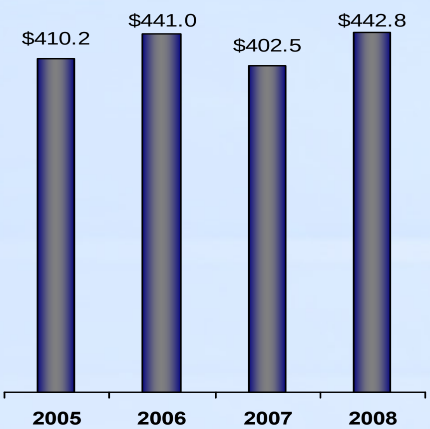
LED & Solar Process Equipment • Data Storage Process Equipment • Metrology






Veeco manufactures enabling solutions for customers in the HB-LED, solar, data storage, semiconductor, scientific research and industrial markets We have leading technology positions in our three businesses: LED & Solar Process Equipment, Data Storage Process Equipment, and Metrology.

4 Year Financial Highlights



SALES ($M)

EBITA Earnings before interest, taxes, amortization, and certain items ($M)

RESEARCH & DEVELOPMENT ($M)

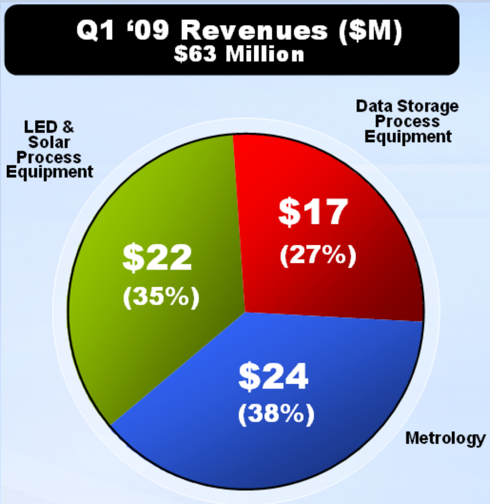
2008 Business Highlights

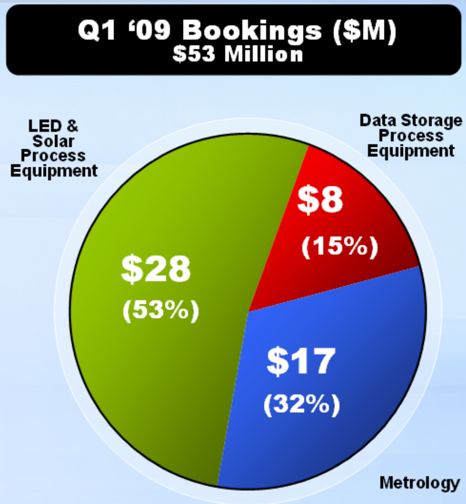
LED & Solar: Increased growth and profit in "green" equipment business (largest Veeco segment)
Data Storage: Realigned business efforts by consolidating overhead and locations and increasing outsourcing
Metrology Instrumentation: Refocused business with new leadership to execute operational turnaround

Q1 2009 Highlights

- Revenue was $62.8M, in line with guidance of $60-70M
- Bookings were $53.1M, down 51% compared to $109.3M last year
- Business conditions weak in all segments is expected
    - Making traction in building solar business – bright spot of Q1 2009 bookings
- Balance sheet remained healthy: cash balance $93M after $9.6M earn-out for Solar acquisition
- Executing on cost reduction plans
- Goal to lower breakeven cost structure to below $80M by Q309

Q1 2009 Financial Highlights





	Q1'09	Q1'08	Q4'08
Orders	$53.1	$109.3	$88.5
Revenues	$62.8	$102.3	$110.3
Gross Margin	34.9%	41.7%	36.4%
Operating (Loss) Income	($18.9)	$0.2	($77.1)
EBITA*	($9.7)	$6.9	$6.2
EPS (Non-GAAP)	(0.22)	$0.13	$0.11

*See reconciliation to GAAP on www.veeco.com

Q2 Outlook

- Low revenue levels continue, guidance $60-70M
- Remain extremely cautious on business conditions, but early signs of potential improvement
  - Equipment utilization
  - Increased quoting activity
- Currently believe Q2 orders will improve from trough levels experienced in Q1

Summary

- Track record of solid execution in 2008 and swift action to restructure Veeco
- Scalable operational model capable of delivering solid profitability
- Aligned to multi-year technology growth opportunities, particularly in LED & Solar and Metrology Instruments

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