FiberTower Corporation (Nasdaq: FTWR)
Houlihan Lokey Technology, Media & Telecom Conference

October 14, 2010

FiberTower

Safe Harbor Statement

Statements included in this presentation which are not historical in nature are "forward-looking" statements, as that term is defined in the Private Securities Litigation Reform Act of 1995 or by the Securities and Exchange Commission, or SEC, in its rules, regulations and releases. Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. These include statements regarding, among other things, our future financial performance and results of operations, guidance for expected ranges of 2010 revenue, Adjusted EBITDA and capital expenditures, our financial and business prospects, the deployment of services, capital requirements, financing prospects, planned capital expenditures, expected cost per site, anticipated customer growth, expansion plans, and anticipated cash balances. There are many risks, uncertainties and other factors that can prevent the achievement of goals or cause results to differ materially from those expressed or implied by these forward-looking statements including, among other things, negative cash flows and operating losses, additional liquidity requirements, potential loss of significant customers, downturns in the wireless communications industry, regulatory costs and restrictions, potential loss of FCC licenses, equipment supply disruptions and cost increases, competition from alternative backhaul service providers and technologies, along with those risk factors described in the Company's Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q, as filed with the SEC.

What is FiberTower?

FiberTower, a leading backhaul services provider, increasing the overall quality of wireless networks

- Facilities based ***hybrid fiber/microwave*** backhaul provider delivering the critical link between wireless consumer access and the core network

- Long track record: Delivering ***service quality & operational efficiencies*** with backhaul & premise access solutions since 2003

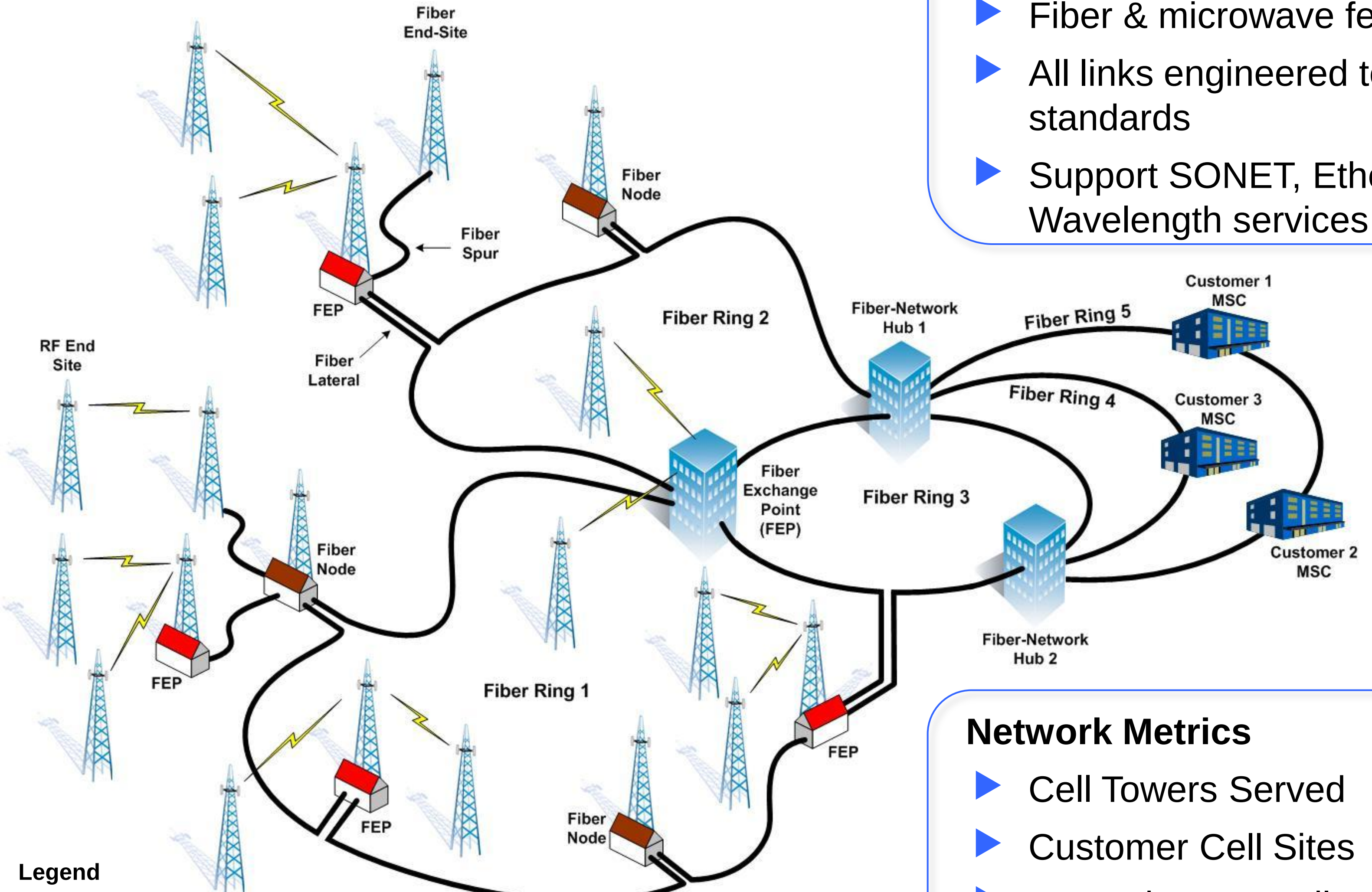
- Operating networks in ***13 major markets*** with ***extensive, nationwide spectrum*** footprint in the 24GHz & 39 GHz bands

Products & Services

- SONET: nxT1, DS-3, OC-n
- Ethernet: 5mb to 1Gig
- Wavelengths: Inter & Intra Metro
- TDM to Ethernet Migration
- Carrier Class, Highly Scalable

- Utilizing unique and optimal mix of fixed wireless and fiber technologies to provide ***highly scalable, cost effective solutions*** for advanced wireless networks

FiberTower Backhaul Network Architecture



Key Network Facts

- Fiber-based core optical network
- Fiber & microwave fed cell sites
- All links engineered to carrier class standards
- Support SONET, Ethernet, Wavelength services

Network Metrics

- Cell Towers Served > 3,100
- Customer Cell Sites > 6,200
- Network Route Miles > 12,800

Legend

MSC = Mobile Switching Center

FEP = Fiber Exchange Point

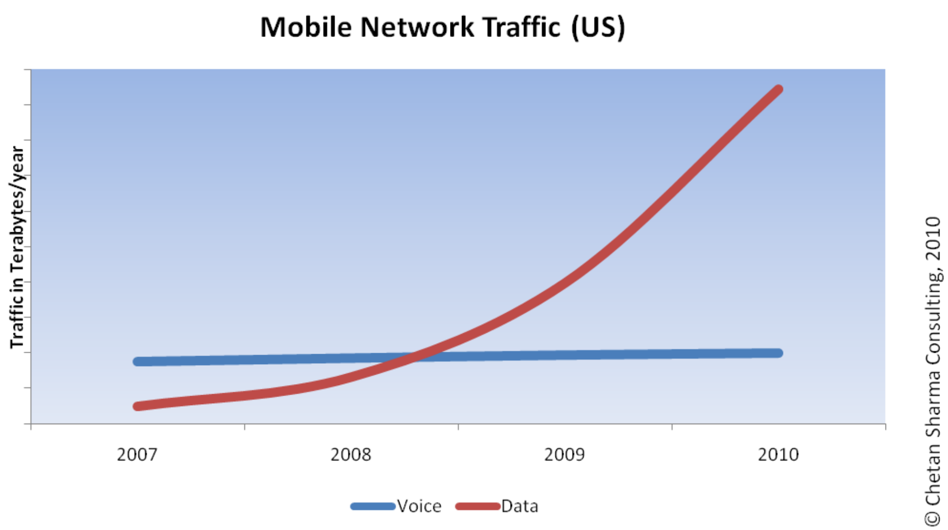
RF = Radio Frequency

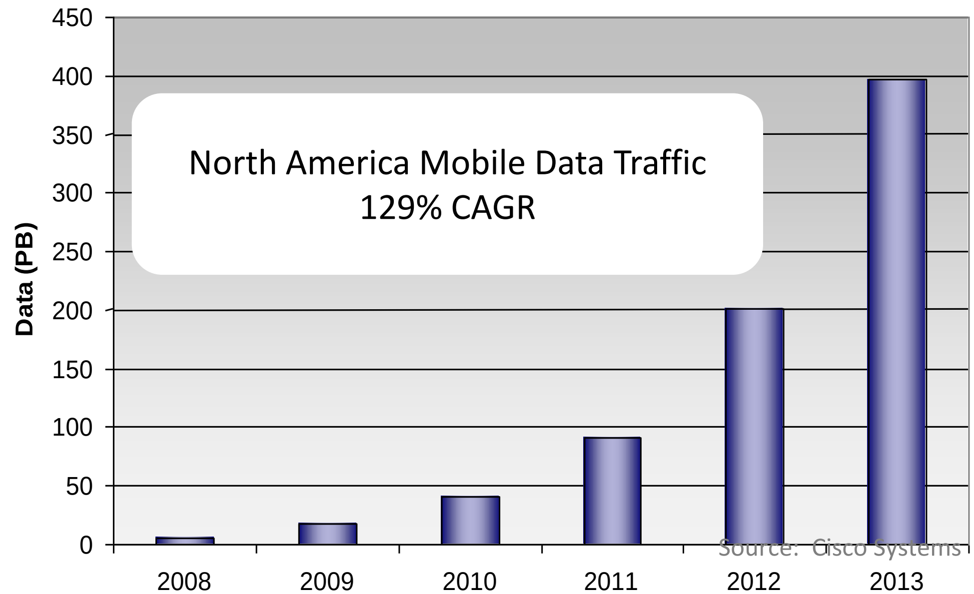
FiberTower Competitive Advantages

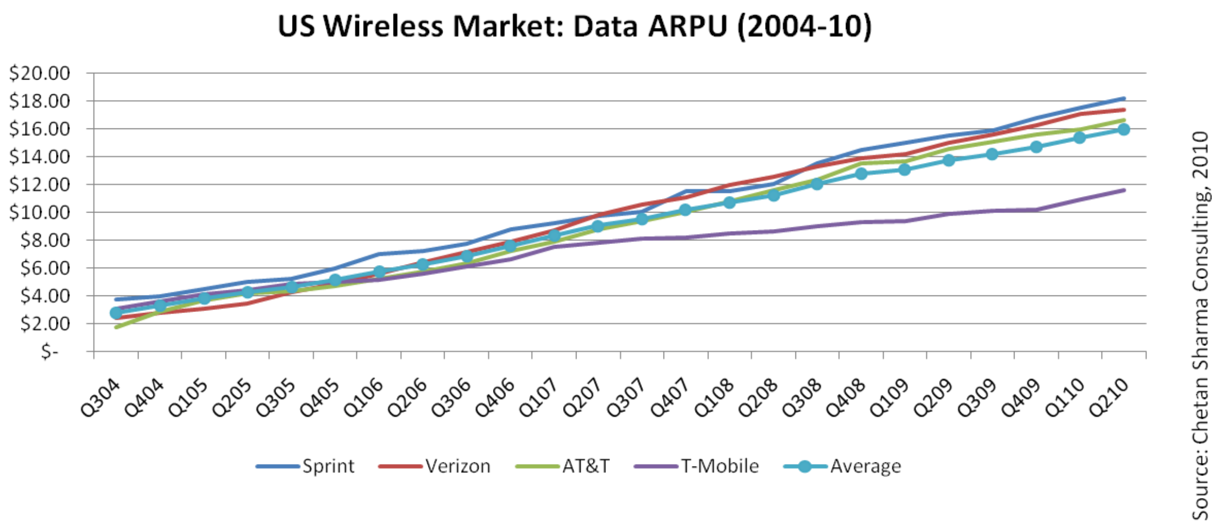
	KEY REQUIREMENT	FIBERTOWER COMPETITIVE POSITION
LEVEL 1 (Table Stakes)	SCALABLE BANDWIDTH SOLUTIONS	HIGH CAPACITY FIBER NETWORK & MICROWAVE EXTENSIONS
	COMPELLING ECONOMICS	HISTORY OF PROVEN ECONOMICS
LEVEL 2 (Differentiation)	COVERAGE SOLUTION	FIBER/MICROWAVE HYBRID SOLUTIONS MAXIMIZE COVERAGE
	ETHERNET VARIATIONS	LEADER IN INNOVATIONS WITH FIRST MOVER ADVANTAGE
LEVEL 3 (Critical)	SERVICE DELIVERY	COMMITMENT TO ON TIME DELIVERY
	NETWORK QUALITY	TRACK RECORD OF SUCCESS

Growing Market: Data is Here

Expecting 50% to 100% growth in bandwidth per year for the next 5 years







Apple's Face Time :
3 Mbps / minute

Strategies to Capturing Growth

Current Carriers on Existing Network	New Carriers on Existing Network	New Sites in Existing Markets	New Sites in New Markets	Wholesale & Government
▶ Customer demand continues to grow ▶ Requiring incremental bandwidth	▶ ~3,000 wireless carrier locations across network ▶ Ability to increase co-location rate	▶ 10,000+ near-net sites in existing 13 markets ▶ Leverages existing network infrastructure	▶ Responding to RFPs outside of current markets ▶ Building reach and scale	▶ Sales to resellers ▶ Sales via GSA Networx contract

FiberTower's unique fiber/microwave solutions serve 9 wireless carriers nationwide

Mid-Year 2010 Highlights

Demonstrated tangible operating progress:

- Substantially increased sales: Bookings YTD exceeded all of 2009
- Achieved positive Adjusted EBITDA in July
- Deploying more fiber & building more sites
- Expecting to drive accelerated revenue growth in 2H10

Maintaining our solid foundation:

- Innovation: Leading and expanding Ethernet solution
- Dedicated to customer service, quality offerings & technical capabilities
- Established industry relationships

2010 Operating Highlights

($ in millions, except EPS and Rev/Site)	Three Months Ended June 30 2009	Three Months Ended June 30 2010	% Change	Six Months Ended June 30 2009	Six Months Ended June 30 2010	% Change
Revenue	$ 15.6	$ 18.4	17.9%	$ 30.3	$ 36.2	19.5%
Revenue, net of ETL	$ 15.6	$ 18.1	16.2%	$ 30.3	$ 35.3	16.6%
Cost of Revenue	$ 14.2	$ 15.2	7.0%	$ 28.3	$ 29.2	3.2%
S&M and G&A*	$ 5.7	$ 5.7	0.0%	$ 12.8	$ 11.9	(7.0)%
Adjusted EBITDA	$ (3.2)	$ (0.7)	78.7%	$ (8.2)	$ (2.0)	75.6%
Adjusted EBITDA, net of ETL	$ (3.2)	$ (1.0)	70.1%	$ (8.2)	$ (2.8)	65.9%
Net Income/ Loss**	$ 20.8	$ (13.1)	NM	$ 47.5	$ (24.9)	NM
Diluted EPS	$ 1.36	$ (0.28)	NM	$ 3.13	$ (0.54)	NM
Capital Expenditures	$ 2.4	$ 6.5	177.6%	$ 4.7	$ 9.0	93.6%
Rev/ Site	$ 1,666	$ 1,954	17.3%	$ 1,619	$ 1,930	19.2%
Rev/ Site, net of ETL	$ 1,666	$ 1,925	15.5%	$ 1,619	$ 1,884	16.4%

- Revenue, net of ETL, increased 16.2% & 16.6% Y-O-Y for the 3 & 6 months, respectively
- Incremental margins exceeded 93+%
- Aggressively managing S&M and G&A expenses
- Increased CAPEX to support new sites
- Adjusted EBITDA, net of ETL, up 70.1% & 65.9% Y-O-Y for the 3 & 6 months, respectively

**** Sales and Marketing, General and Administrative***

***** Recorded gain on early extinguishment of debt of $44.6M in Q209 and of $98.3M in 1H09***

Definitions and reconciliations to GAAP are at the end of the presentation.

Q2 2010 Site Level Performance

$ in thousands, except per site level	Three Months Ended Jun 30, 2010		Monthly Per Deployed Site*	
Revenue (Net of ETL)	$	18,113	$	1,925
Early Termination Liability (ETL)		275		29
Revenue	$	18,388	$	1,954
Direct Site Costs (Rent/Fiber/Other)		10,711		1,138
Market Operations Costs (Techs)		1,265		134
Market Level EBITDA (Field EBITDA)	$	6,412	$	682
Market Level EBITDA (net of ETL)		**6,137**		**652**
Cost of Service - Impairment of Long-Lived Assets		931		99
Indirect Network Costs		2,116		225
Stock-Based Compensation (in Cost of Service)		182		19
Gross Profit	**$**	**3,183**	**$**	**338**
Sales & Marketing**		1,130		120
General & Administrative**		4,610		490
Depreciation & Amortization		7,038		748
Loss from Operations	**$**	**(9,595)**	**$**	**(1,020)**
Total Other Income/(Expense)		(3,456)		(367)
Net Loss	$	(13,051)	$	(1,387)
Net Adjustments to EBITDA*		12,095		1,286
Adjusted EBITDA (Excluding ETL)	**$**	**(956)**	**$**	**(102)**

- New revenue growth on existing network has produced high incremental margins given fixed cost nature of the network
- Market-Level EBITDA margins over 30%
- Ability to continue to leverage existing network to drive incremental EBITDA and improve Return on Invested Capital
- New investments to support scale on S&M and G&A

* *Per site results calculated by dividing consolidated results by 3,136 Deployed Sites and dividing by three months*

** *S&M and G&A include non-cash stock-based compensation, which is added back to Adjusted EBITDA*

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Key Investment Highlights

- Increasing demand for backhaul alternatives & demand at sites
  - Exploding wireless data traffic
  - Providing opportunity to accelerate growth
- Leveraging competitive advantages
  - Established, pure-play, carrier-neutral backhaul provider
  - Unique hybrid fiber/microwave solution creates coverage & economic advantages
  - Strong, long standing relationships: Wireless carriers, fiber service providers & tower operators
- Evolving network to support new products and higher standards
  - Expanding Ethernet capabilities
  - Deploying a higher percentage of fiber-fed sites
- Capturing higher margin opportunities
  - Delivering improved financial performance
  - Driving positive Adjusted EBITDA – achieved in July 2010
  - Striving for cash flow sustainability

Appendix

2010 Investment Objectives

Sales Growth Opportunities	Targets
Existing Network	▶ Grow revenue/site through new sales on existing sites ▶ Capture additional high incremental margins offering short paybacks on capital
New Network Construction	▶ Invest in EBITDA+ sites from Day 0 by pursuing adequate revenue/site ▶ Identify path to >25% ROI

- 2010 Investment Objectives includes mix of investments in existing markets, such as collocation additions and dark fiber plus allocations for new site construction
- Maintenance capital spending currently represents <$10 million per year

2010 Financial Outlook

$ in millions	2010 Expected Range		Growth vs FY 2009	
	Low	**High**	**Low**	**High**
Revenue	$ 74.0	$ 77.0	17.1%	21.8%
Adjusted EBITDA	$ (2.0)	$ 1.0	N/M	N/M
Capital Expenditures	$ 25.0	$ 30.0	94.5%	133.4%

- Management reaffirmed previous 2010 guidance, which is net of ETL*
- FiberTower expects run-rate revenue growth to accelerate during the year through a combination of on-net growth and new deployments*
- FiberTower expects to achieve Adjusted EBITDA positive no later than Q3 2010*

*** As of August 6, 2010.**

Non-GAAP Financial Measures

Adjusted EBITDA is a non-GAAP (Generally Accepted Accounting Principles) financial measure, to monitor the financial performance of operations. This measurement, together with GAAP measures such as revenue and loss from operations, assists management in its decision-making processes relating to the operation of the business. Adjusted EBITDA is defined as net income (loss) from operations before interest, taxes, depreciation and amortization, impairment and restructuring charges, stock-based compensation, gain on early extinguishment of debt, debt exchange expenses and other income (expense). Adjusted EBITDA is not a substitute for operating income, net income (loss), or cash flow used in operating activities as determined in accordance with GAAP, as a measure of performance or liquidity. In addition, the presentation of Adjusted EBITDA may not be comparable to similarly titled measures reported by other companies. This non-GAAP financial measure should be viewed in addition to, and not as an alternative for, the reported financial results as determined in accordance with GAAP.

Other companies in the industry may calculate Adjusted EBITDA differently than FiberTower. Adjusted EBITDA is not a measure of performance under GAAP and should not be considered as a substitute for net income (loss) prepared in accordance with GAAP. Adjusted EBITDA has significant limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of the results as reported under GAAP.

Reconciliation to Adjusted EBITDA

	Unaudited Quarterly Financials				
	Three months ended			Six months ended	
$ in thousands	June 30 2009	March 31 2010	June 30 2010	June 30 2009	June 30 2010
Net income (loss)	$ 20,791	$ (11,808)	$ (13,051)	$ 47,503	$ (24,859)
Adjustments:					
Depreciation and amortization	7,004	6,371	7,038	14,027	13,409
Stock-based compensation	873	903	879	2,274	1,782
Interest income	(73)	(25)	(29)	(227)	(54)
Interest expense	12,280	3,362	3,486	27,395	6,848
Gain on early extinguishment of debt, net	(44,577)	-	-	(98,248)	-
Impairment of long-lived assets and other charges and credits	102	(73)	996	194	923
Income tax provision (benefit)	381	-	-	(1,087)	-
Adjusted EBITDA	(3,219)	(1,270)	(681)	(8,169)	(1,951)
Early termination liability	-	(587)	(275)	-	(862)
Adjusted EBITDA, net of ETL	$ (3,219)	$ (1,857)	$ (956)	$ (8,169)	$ (2,813)

- Revenue recorded associated with an early termination liability (ETL) of certain circuits:
  - Q110: $587,000
  - Q210: $275,000

Reconciliation to Operating Expenses

$ in thousands	Three Months Ended June 30, 2010	
Cost of Service Revenue Components		
Direct Site Costs	$	10,711
Market Operations Costs (Techs)		1,265
Cost of Service - Impairment of Long-Lived Assets		931
Indirect Network Costs		2,116
Stock-Based Compensation		182
Cost of Service Revenue	**$**	**15,205**