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June 1, 2010

Via Electronic Filing
Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Notice of Oral *Ex Parte* Communication

RE: WT Docket No. 06-150, PS Docket No. 06-229, and GN Docket No. 09-51

Dear Ms. Dortch:

On May 28, 2010, Cathy Massey, Chris Murray, and Gerry Salemme, of Clearwire Corporation met with Bruce Gottlieb, Chief Counsel and Senior Legal Advisor to Chairman Julius Genachowski, Ruth Milkman, Chief of the Wireless Telecommunications Bureau, and John Leibovitz, Deputy Chief of the Wireless Telecommunications Bureau to discuss Clearwire's 4G mobile WiMAX service deployment to date and its upcoming launch plans, as highlighted in the attached presentation. During the meeting, Clearwire also addressed the Commission's plans to auction the Upper 700 MHz D Block for commercial use. Clearwire encouraged the Commission to conduct a commercial auction of the 700 MHz D Block and highlighted arguments previously filed in these dockets.

Pursuant to Section 1.1206(b)(2) of the Commission's Rules, notice of this *ex parte* communication is being filed electronically. If you have any questions regarding this matter, please do not hesitate to contact the undersigned at 202-351-5033.

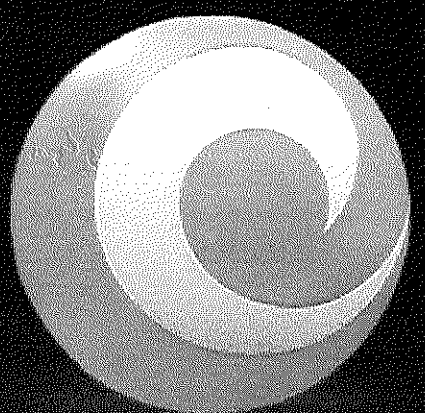
Sincerely,

Cathleen A. Massey

cc: Bruce Gottlieb
Ruth Milkman
John Leibovitz

May 2010
FCC

CLEAR™



Clearwire 4G Customer Usage

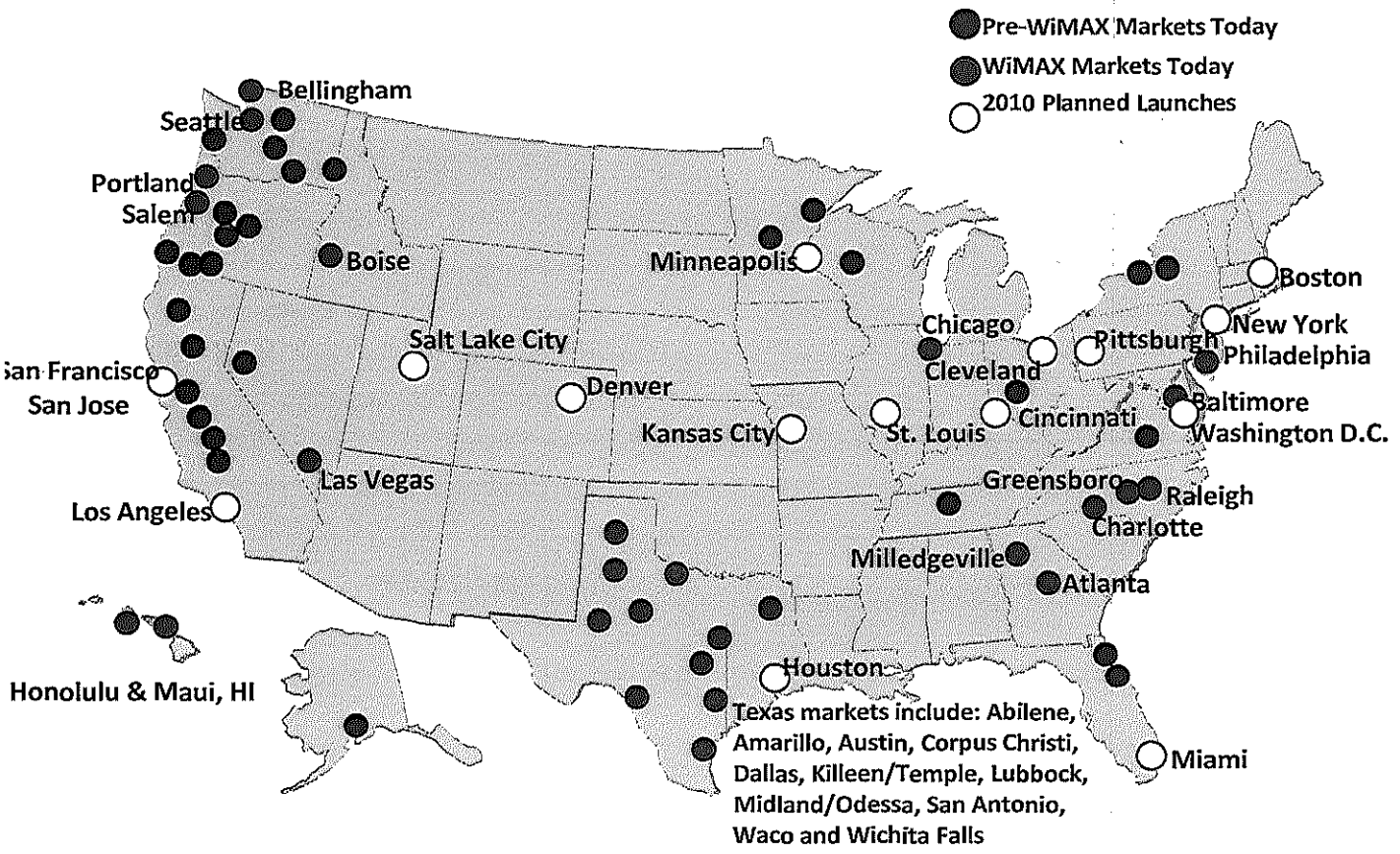
Average Clearwire Mobile Tonnage	=	**7 GigaBytes/sub/mos**
Average 3G Data Card[1]	=	1.4 GigaBytes/mos
Average Smartphone Usage[2]	=	200 MByte/mos
Watch DVD quality movie on Netflix.com[3]	=	4.7 GigaBytes
Listen 30 minutes a day to Pandora[3]	=	1.2 GigaBytes/mos

4G has 4x to 8x greater usage than 3G

(1) Q3 2009 ComScore Data
(2) Nielsen Research Q4 2009
(3) Cisco Report

CLEAR

2010 CLEARWIRE 4G Deployment (partial)



2010 Announced Launches:

- Boston
- Houston
- Kansas City
- New York
- San Francisco / San Jose
- Washington D.C.
- Denver
- Minneapolis
- Los Angeles
- Miami
- St. Louis
- Cincinnati
- Cleveland
- Pittsburgh
- Salt Lake City

- 44.1MM POPs at the end of 2009
- 120MM POPs expected at the end of 2010

Source: Company filings

Note: Company has initiated deployment for 75MM POPs by 2010; goal is to cover 120MM POPs by 2010 which may be adjusted depending on availability of capital and experience in launched markets

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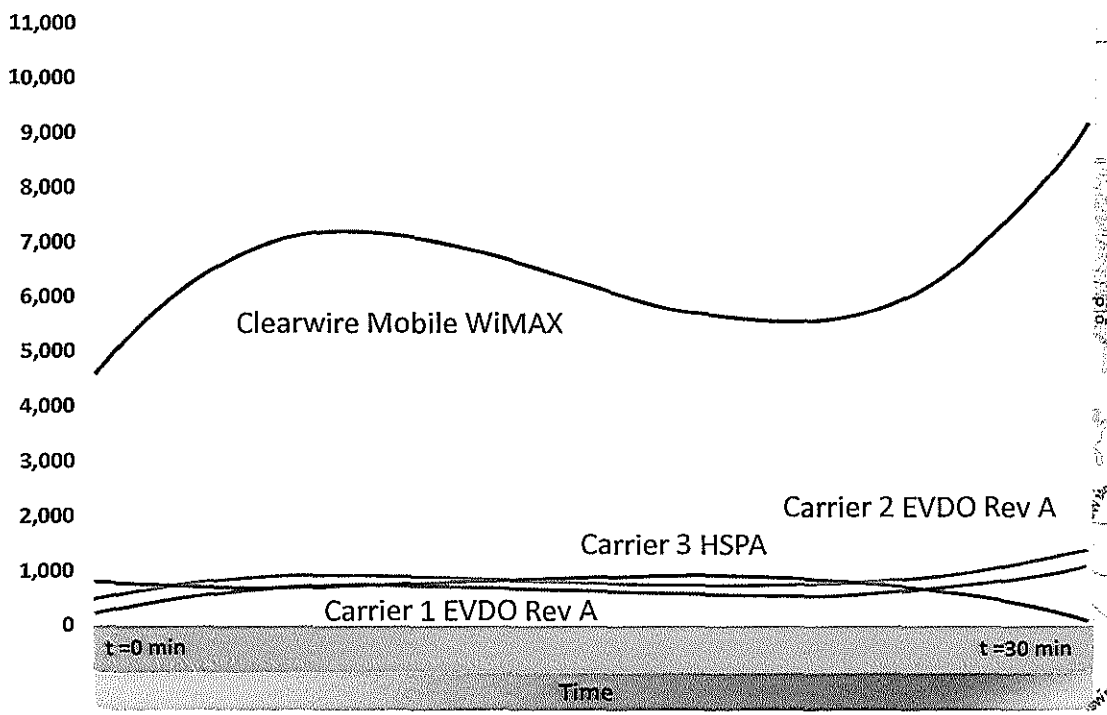
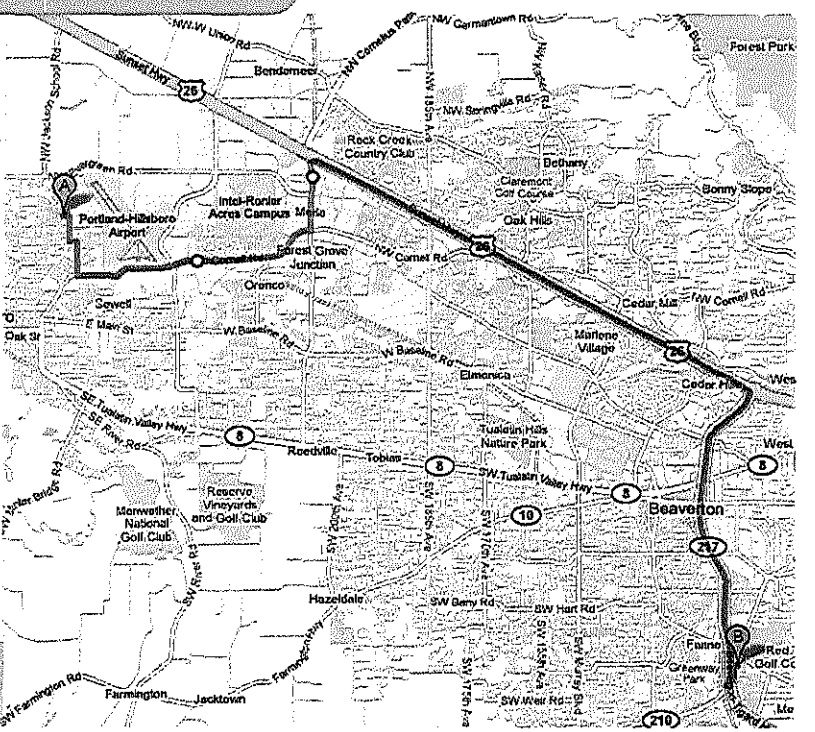
Positive 4G WiMAX User Experience

Illustrative market: Portland

	CLWR 802.16e	Carrier #1 EVDO - A	Carrier #2 EVDO - A	Carrier #3 HSPA
Peak Rates	19 Mbps	2.4 Mbps	2.5 Mbps	1.9 Mbps
Mean Rate	6.5 Mbps	0.7 Mbps	0.9 Mbps	0.9 Mbps
Mean Latency	83 ms	168 ms	201 ms	354 ms

Location: Portland, OR
Drive route: 17 miles
Drive time: 30 min
Average Vehicle Speed: 35 mph
Max Vehicle Speed: 55 mph

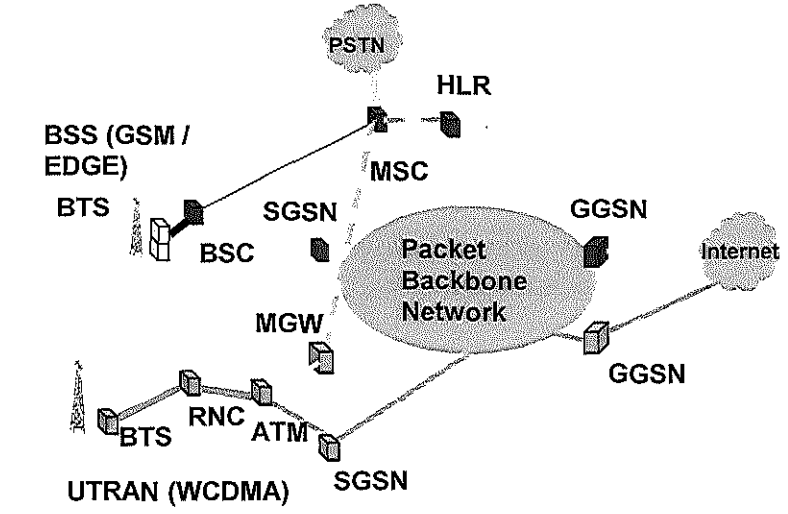


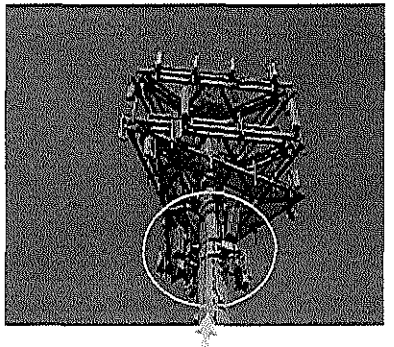


Note: Drive tests were conducted at off-peak hours to minimize loading effects

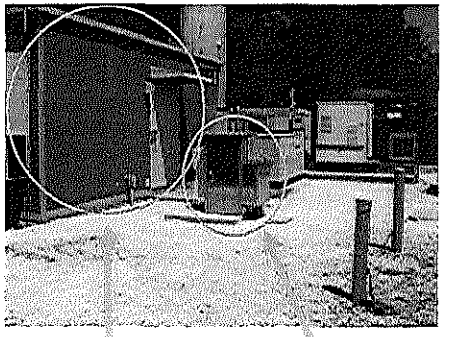
Clearwire Network – Simple and Efficient

Legacy Wireless: Data and Voice Network





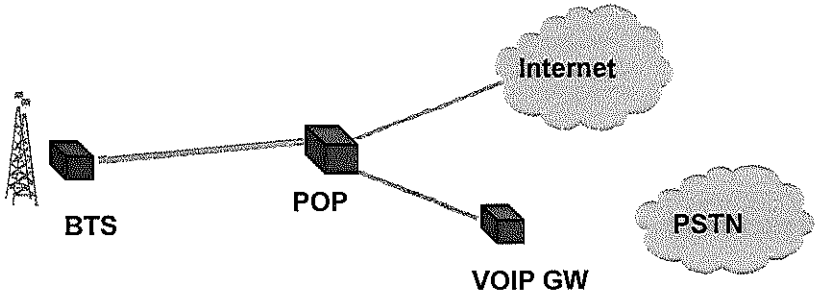
Clearwire Base Station



Cellular Shelter

Clearwire Cabinet

Clearwire: Data and Voice Network



	Clearwire	Cellular
Antennas per site	3	9
Tower Cabling	3 Cables	9 – 12 Coax runs
Ground Space	4'X3'	10'X12'

Network Cost Comparison

	Clearwire 4G Network	Cellular Company Network
Cost per Site	$130K/Site	$200K-$220K/Site[4]
Backhaul	$100/month[1]	$800-$1,200/month[5]
Tower Lease	$1,300/month	$2,000/month[4]
Towers for Coverage [2]	500	~125[6]
Towers for Capacity [3]	500	~500[6]

Average Usage on Clearwire Network is Approximately 7GB[7]

(1) Clearwire deploys microwave backhaul
(2) Coverage required for 3M POPs
(3) Capacity Augmentation required to meet user demand
(4) Morgan Stanley Research
(5) Estimated DS3 or fiber monthly lease amount
(6) Clearwire Estimates
(7) Company estimate of mobile retail monthly usage

Beneficial Relationships With Strategic Partners

MVNOs

- Access to 100MM+ customers
- Additional revenues and cash flow
- Sprint
  - 3G/4G dual handsets
  - Leverage infrastructure and enterprise sales force

Other Founding Partners

- Intel
  - Embedded WiMAX chipsets
- Google
  - Open architecture devices
  - Advertising revenue sharing

EBS Licensees

- National Educational Licensees
- Statewide University Systems
- Private Universities
- Community Colleges
- Public and Parochial School Districts

- Spectrum Leases
- Mobile Broadband Educational Services Partnerships
- Community-based educational and outreach initiatives

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2009 Recap

Successful launch of CLEAR 4G service in 27 markets across the U.S., including major cities such as Chicago, Dallas, Las Vegas, Atlanta, Philadelphia, Seattle and Honolulu.

Total Covered 4G POPs exceeded 34 million at the end of 2009 with overall Covered POPs exceeding 44 million.

Added 87,000 net new subscribers during Q4 '09, largest net add quarter in Company's history, bringing total Clearwire's subscriber base to 688,000; CLEAR 4G subscribers doubled sequentially to end the year at 438,000.

2009 revenue increased 19% to $274.5 million compared with Pro Forma 2008 revenue.

4G wholesale partners have launched service in all CLEAR markets with the wholesale subscriber base at 46,000 from net adds in late 2009.

Raised $4.3Bn, including $1.6Bn of new equity investment from Sprint, Comcast, Time Warner Cable, Intel, Eagle River and Bright House Networks priced at $7.33/share, and refinancing of 12% Senior Secured Notes which extended maturity to late 2015.

Q1 2010 Recap

Total Ending Subscribers of 971,000, Up 94% Year Over Year

Total Net Subscriber Additions of 283,000 - Greater than Full Year 2009

Wholesale Subscriber Base Triples During the First Quarter 2010

First Quarter Revenue of $107 Million – Up 72% Year Over Year

4G wholesale partners have launched service in all CLEAR markets, ending the quarter with 157,000 wholesale subscribers[(1)]

Two new Smartphones by End of Year 2010 – HTC and Samsung

(1) Includes non-launched markets

2010 Expectations

	2009	2010
4G POPs	34M	120M
Subscribers	688K	Tripling 2009 Ending Subscribers
Retail ARPU	$39.65	Above $41.00
Retail CPGA	$565	Consistent with 2009
Total Net Cash Spending	N/A	$2.8Bn to $3.2Bn

Note: Guidance given May 5, 2010