

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF CELLCO PARTNERSHIP D/B/A  
VERIZON WIRELESS FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED  
FOR THE CONSTRUCTION, MAINTENANCE AND  
OPERATION OF A RELOCATED TELECOMMUNICATIONS  
FACILITY LOCATED AT 139 NORTH MAIN STREET  
IN WEST HARTFORD, CONNECTICUT

DOCKET NO. 434

April 18, 2013

NEW CINGULAR WIRELESS PCS, LLC ("AT&T")  
HEARING INFORMATION

Intervenor, New Cingular Wireless PCS, LLC ("AT&T") submits the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

**List of Witnesses**

1. Mike Lawton, Radio Frequency Engineer and Project Manager, SAI Communications
2. Ken Long, Site Acquisition Specialist, SAI Communications

Resumes are attached.

**Documents to be Administratively Noticed**

None at this time.

**Exhibits to be Offered**

AT&T will offer as exhibits the following:

1. AT&T's Responses to Siting Council Interrogatories Set I, dated March 28, 2013
2. AT&T's Responses to Siting Council Interrogatories, Set II, dated April 18, 2013

AT&T reserves the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process.

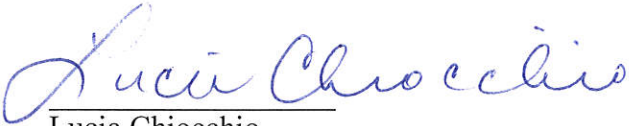
CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing were sent electronically and by overnight mail to the Connecticut Siting Council and:

Sandy Carter, Regulatory Manager  
Verizon Wireless  
99 East River Drive  
East Hartford, CT 06108  
[Alexandria.carter@verizonwireless.com](mailto:Alexandria.carter@verizonwireless.com)

Kenneth C. Baldwin, Esq  
Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103-3597  
(860) 275-8200  
[kbaldwin@rc.com](mailto:kbaldwin@rc.com)

Dated: April 18, 2013

  
Lucia Chiochio

cc: Michele Briggs, AT&T  
Ken Long, SAI  
Mike Lawton, SAI  
Tim Burks, SAI  
Jonathan McNeal, SAI  
Christopher B. Fisher, Esq.

# Michael Lawton

## *Personal Summary*

- 24 Years Wireless Engineering and management experience
- In-depth market knowledge in several of the top 10 US markets
- Successful history of design and deployment of large-scale wireless networks
- Experienced with multiple RF technologies, vendors, systems and tools
- Proven reliability, integrity and responsibility as engineer, leader and manager
- Demonstrated ability to form, manage and motivate engineering teams in all stages of network deployment from start-up through network stability
- Consistent record of revenue and margin growth throughout areas of responsibility
- Strong interpersonal, verbal and written communication skills
- Member of Town of Harvard, MA Zoning Board of Appeals

## *Education*

Rensselaer Polytechnic Institute, Electrical Engineering, 1984-1987

## *Experience*

### SAI Communications (SAI)

January 2012-present

#### Manager of Engineering

- Full responsibility for RF engineering team, including LTE Overlay design, scoping, RFDS creation, drive testing, DAS survey, design and commissioning, MPE studies and measurements, RF safety plans, .

### Telecom Technology Services (TTS)

March 2006- Jan 2012

#### Director of Engineering

##### *Responsibilities have included:*

- Full responsibility for P&L and employee management of West Coast and Southern US areas of operation as services leader and KAM
- Partnering with sales, software development and marketing to develop creative solutions to meet customer needs and win business
- Oversight and technical leadership for turnkey network growth projects in New England (MA, RI, ME, NH, VT, CT), NY and Northern CA.
- Responsibility for leadership of all RFP/RFQ, tender and bid responses within area of responsibility
- Strong record of customer satisfaction, growth and retention throughout areas of responsibility
- Team size between 20 and 60 engineers
- Business development, project execution, recruiting, training and team management among responsibilities
- Managed Model Tuning project for national wireless carrier, over 100 models delivered on-time and on-target
- Personally developed innovative engineering services and tools to grow revenue and increase customer base
- Technical oversight of many projects including turnkey optimization for GSM and UMTS, turnkey network design (2G and 3G) and QC, E911 compliance certification, AFP and ACP, model tuning, Greenfield and overlay design and rollout.

### LCC International

April 1990 – Feb 2006

#### Customer: Cingular Wireless/AT&T Wireless

Dec 2004 – Feb 2006

- National technical lead, Program and Project Manager for UMTS design project. Managed, trained and led a team of over 50 engineers generating turnkey UMTS network designs for over 30 AT&T markets in all regions. Markets included all of Florida, Puerto Rico, N&S Carolina, Ohio, Colorado, Texas, Louisiana, Minnesota and Kansas/Missouri. Primary customer interface at Regional and National levels. Developed standards, oversaw

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quality and participated in all customer readouts and design certification presentations. All designs done on-time and of high quality, leading to increased market award in later rounds.

- Fully responsible for P&L, staffing and management of national project, generating over 50% of LCC Americas total revenue and exceptional margin over project duration.
- Successful integration of LCC teams into AT&T process. Worked as a bridge between AT&T market and National teams as well as Site Development/PM vendors to insure project success and team achievement.

Customer: Cingular Wireless/SBC/Cellular One  
Boston/New England market

May 1996- Dec 2004

- Responsible for management of 30+ person engineering team providing technical guidance to Cingular Northeast Region Standards team, and New England and NY (upstate and NYC) market design and performance teams (Nokia GSM and Lucent TDMA) as well as market dimensioning, spectrum management, traffic growth projection and VCF analysis. Regional team is responsible for GSM feature trials and performance and design standard setting for all markets in NE US. Acted as primary Cingular market contact for Cingular/Nokia CA activities.
- Oversight of "Project Genesis" Boston Phase 2 (core) GSM rollout. Coordinated and reviewed system design and performance. SCHEMA and SETRAM simulation data review and output validation.
- Led Lucent mm and FLEXENT microcell deployment project for Boston Core, including Real Estate team and deployment team management. Developed streamlined RE process to facilitate rapid site deployment.
- Lead engineer for Cellular One conversion from 6 to 3-sector system configuration and from Motorola to Nokia equipment.
- Lead engineer for design and deployment of Lucent IS-136 product throughout New England market. Developed and utilized drive-data based reuse matrix for TDMA market planning (first known application in US).
- Lead engineer responsible for Boston Core (inside route 128) and all Design functions – New site selection, zoning support, datafill, commissioning data review, frequency planning and interference control. While involved, network grew from 30 sites to over 400. Zoning support and expert testimony in over 100 hearings and litigation engagements.
- Built LCC team from one (self) to over 30 engineers and led/managed largest, most successful and first LCC engineering deployment with AT&T in US.

Customer: France Telecom  
Paris, France

Jan 1996 – May 1996

- Developed 1997 System expansion plans for Marseille region of GSM900 system, including development and analysis of drive testing plan to evaluate system quality, frequency planning, and system coverage problem analysis.

Customer: Nextel/FleetCall  
Los Angeles, CA and New York, NY

Nov 1993 – Jan 1996

- Engineering project manager for Nextel's initial system (Los Angeles). Worked with Motorola and Nextel Corporate to develop MIRS/DEN product, from initial RFP development and analysis/evaluation/recommendation to system implementation. Issues addressed included: Handover parameter development, mobile initialization procedure, Fraud prevention methodology, Dispatch functionality, Switch architecture, hardware (end user and site) development/requirements, Radio system design, antenna diversity and combining schemes.
- Developed Nextel/LCC/Site acquisition procedures, standards, and documentation, including system design, site acquisition, frequency planning, allocation and migration, interference testing, Motorola ATP, on-site sweeping and interference analyses, equipment ordering, and colocation.
- LCC Team leader and acting Nextel RF manager for Los Angeles system, from initial design phase and identification of coverage objectives and site budget through 80% system construction. Generated initial

## Michael Lawton

system design and configuration, initial frequency plan, and system growth plans for first 3 years of system operation, including budgetary and manpower forecasts. Trained and managed a team of up to 12 engineers to develop the system, including site selection, configuration determination and optimization, Site drive testing, measurement integration and propagation model optimization, antenna location determination including colocation studies with other carriers, Zoning hearing testimony and site acquisition interaction.

- LCC Team Leader and acting Nextel RF Manager for New York Metropolitan system. Primary experience and responsibility same as above. Additionally responsible for day-to-day management of site acquisition and development team for the 5-Borough portion of the system (Manhattan, Bronx, Queens, Staten Island, Brooklyn) including 60+ sites.
- First LCC engineer/manager deployed on first LCC market for Nextel. Responsible for building customer relationship, account management, growth of team. Customer engagement grew from 1 engineer to over 80 engineers.

**Customer: Metro Mobile**  
Phoenix, Arizona

Jan 1993 – Nov 1993

- Sole market engineer for Phoenix system. Developed plan for conversion of system from 6-sector to 3-sector operation. Generated frequency plan configuration changes, and retune plan, as well as handoff topology data, to reduce system blocking and dropped call rates. Participated in international coordination with Mexican authorities and developed guidelines for international spectrum management.

**Customer: McCaw Cellular**  
Portland, OR and Salt Lake City, UT

March 1992-Jan 1993

- Assisted in system equipment changeover from AT&T to Ericsson. Duties included system performance comparisons, handoff algorithm tailoring, and testing plans. Also prepared and presented market expansion plans for corporate design/budgetary review.

### Additional LCC tasks:

- Authored internal LCC papers on receive diversity performance, On-site interference and sweeping, colocation between Cellular and iDEN, antenna theory, iDEN traffic theory, and iDEN link budgets.
- Developed and taught classes on iDEN Technology, Link Budgets, IS-136 implementation, and antenna theory.

**Moffet, Larson & Johnson, PC., Falls Church, Va.**

March 1987-April 1990

### Project History Highlights:

- *Fleet Call (now Nextel) Corporate* Developed initial application to the FCC for frequency allocation to create ESMR. Developed methodology to generate spectrum availability plots for Fleet Call channel acquisition team. Supported initial discussions with financial community to obtain venture capital to create Nextel.
- Frequency planning and system design for cellular clients including US Cellular, Buffalo and Rochester Cellular and Contel Cellular.
- Participated in construction of a new AM station array in Chicago.
- Generated FCC applications for AM, FM, TV, Cellular, MMDS, ITFS, and LPTV clients.
- Participated in FCC rulemaking procedures, and filed technical data supporting client's motions before the FCC.

## **Kenneth J. Long**

214 Woodgate Circle Enfield, CT 06082  
(518) 281-0898

### **Employment:**

#### **Site Acquisition Specialist**

New England. (Current)

Worked on behalf of AT&T to acquire, permit and zone cell tower site locations throughout New England.

#### **Assistant Account Manager**

Washington, D.C. (Summer-Winter 2013)

Managed a non-profit corporations grassroots efforts throughout the State of Virginia.

#### **Intern**

##### **ISO New England: Government Affairs**

Holyoke, MA (Summer 2011)

Legal research and writing on various topics dealing with the regulation and administration of New England's electrical power grid.

#### **Law Library Desk Attendant**

##### **Western New England University School of Law**

Springfield, MA (fall-spring 2010)

#### **Intern**

##### **Springfield Department of Children and Families,**

Springfield, MA (August-December 2010)

Appeared before Springfield Juvenile Court judges to present motions and to participate in trials and hearings. Prepared memos, motions, and other material for trials.

#### **Department of Civil Rights and Torts Intern**

##### **Connecticut Attorney General's Office: 55 Elm St.**

Hartford, CT (summer 2010)

Conducted advanced legal research and writing for the Connecticut Attorney General's Office on matters relating to civil litigation.

### **Education:**

#### **Juris Doctor** (*May 2012*)

Western New England University

School of Law, Springfield, MA

- Bar Admission: (NY and MA)
- Criminal Law Clinic (spring 2012)
- CALI Award: Professional Responsibility (fall 2010)

#### **Bachelor of Arts** (*May 2009*)

History major

State University of New York at Oswego, Oswego NY