

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NORTH ATLANTIC)
TOWERS, LLC ("NAT") TO THE)
CONNECTICUT SITING COUNCIL FOR A) DOCKET 458
CERTIFICATE OF ENVIRONMENTAL)
COMPATIBILITY AND PUBLIC NEED)
FOR THE CONSTRUCTION,) MAY 26, 2015
MAINTENANCE AND OPERATION OF A)
TELECOMMUNICATIONS FACILITY AT)
CODFISH HILL ROAD IN BETHEL,)
CONNECTICUT)

**HEARING INFORMATION OF
INTERVENOR NEW CINGULAR WIRELESS PCS, LLC**

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

Counsel Appearing at the Hearing

Counsel appearing at the hearing will be Daniel M. Laub, Esq., Cuddy & Feder, LLP.

List of Witnesses

1. Michael Lawton, SAI; Manager of Engineering. Scope of testimony to include AT&T's radio frequency need and analysis.
2. Alex Murshteyn, Site Acquisition Consultant, Centerline Communications. Scope of testimony to include information regarding AT&T's installation at the proposed facility.

Resumes/professional biographies attached

Documents to be Administratively Noticed

None at this time.

Exhibits to be Offered

AT&T offers as exhibits the following:

1. AT&T Request to Intervene in Docket 458 submitted on March 23, 2015.
2. AT&T Responses to Siting Council Interrogatories dated May 20, 2015.

3. Application Exhibit G, SAI Radio Frequency Engineering Report dated February 11, 2015.

Additional Exhibits

The Applicants reserve the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process and on redirect.

CERTIFICATE OF SERVICE

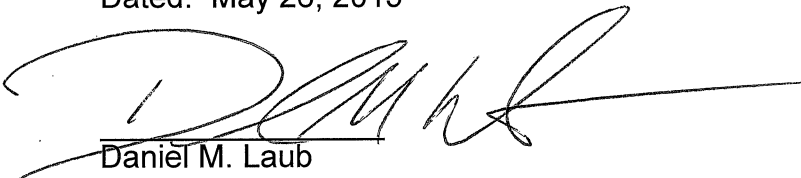
I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight delivery to the Connecticut Siting Council with copy to:

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Dated: May 26, 2015


Daniel M. Laub

ALEX MURSHTEYN

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EDUCATION:

UNIVERSITY OF MASSACHUSETTS AMHERST – COMMONWEALTH COLLEGE HONORS PROGRAM

Bachelor of Arts, *cum laude*, May 2007, GPA 3.3 / 4.0

Interdisciplinary concentration (STPEC-SOM); Five-College Certificate in International Relations

AFTER GRADUATION – Candidate member of the CCIM Institute, pursuing the CCIM Designation (2010)

CENTERLINE COMMUNICATIONS, Raynham, MA

Nov 12 – Present

Site Acquisition Specialist

- Telecommunications site development team coordinator for over 40 locations in New England & Eastern US
- Assisted with site modifications and acquisitions on a consultant basis until retained for full-time work in 2013

SPINNAKER GROUP | COMMERCIAL DIVISION, Foxboro, MA & East Greenwich, RI

Jun 10 – Aug 13

Associate

- Commercial real estate procurement, disposition and management sales consultant, principally in CT, MA, RI
- Specialized in energy assets – research and brokerage analyst for gas retail, wind and solar electric generation

NELSON HOMES, Brookline, MA

May 08 – Sep 09

Site Management Consultant

- Own landlord's recruit for development, repositioning and marketing consulting for his \$1.5M portfolio
- Live-in property manager, leasing and maintenance crises liaison

BOSTON CAPITAL, Boston, MA

Jan 08 – Jun 08

Investment Analyst

- Managed 47 of 274 apartment assets, spread across 18-states, and 16 of 255 GPs on team for tax credit investors
- Recommended investment equity releases, reviewed construction draws, assessed compliance of LIHTC assets

INSEGMENT, Needham, MA

Aug 07 – Dec 07

Business Associate

- Reported directly to CEO and Managing Director of a consulting and marketing start-up catering to developers
- Land sales, deed recordings, business development research lead for various projects with New England focus

BOARDWALK PROPERTIES, Boston, MA

Jun 05 – Aug 05

Summer Residential Associate

- Top 10 leasing agent in July on a staff of over 100 agents spanning 3 offices servicing all Boston submarkets
- Worked with approximately 80 client groups, drew up leases, performed due diligence on 14+ deals

FIDELITY GROUP REAL ESTATE, Brookline, MA

Jul 02 – Aug 04

Market Research / Leasing Agent

- Championed in-house Craigslist use as the online alternative to apartment rental advertising in Greater Boston
- Analyzed market volume, valuation variances, other MA Multiple Listing Service (MLS) data for investors

LEADERSHIP EXPERIENCE:

INVESTMENT CLUB AND MINUTEMAN EQUITY FUND, Amherst, MA

May 05 – May 06

Founding Co-President

- Lobbied administration of major state university for incorporation and funding of a merged student organization
- Organized and directed Analyst staff, 8-person Executive Board, over 30 basic-member students

INTERNATIONAL RELATIONS CLUB, Amherst, MA

Apr 05 – Apr 06

President

- Administered \$40,000+ student organization, designed training program, advocated for academic credit rights
- Created a comprehensive Delegate Background Guide for the Club's own 3-day 300-person conference

SKILLS & CERTIFICATIONS:

Office 1997 - 2010; MA & RI Real Estate Salesperson license since 2002 and 2010; basic French, native Russian;

ACTIVITIES:

Skiing and golf; top tier Model UN, policy debate delegate from UMass at Mount Holyoke (awarded), Princeton (as head delegate, awarded), University of Pennsylvania, University of Virginia (awarded), Yale

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/iDEN 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.