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June 18, 2013

VIA EMAIL & OVERNIGHT DELIVERY

Hon. Robert Stein, Chairman and Members of the Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Re:

Connecticut Siting Council Docket No. 437

Application of New Cingular Wireless PCS, LLC (AT&T) for a

Certificate of Environmental Compatibility and Public Need for the Construction, Maintenance and Operation of a

Telecommunications Facility in Bridgewater, Connecticut

Dear Chairman Stein and Members of the Siting Council:

On behalf of AT&T, please find enclosed Hearing Information in furtherance of the captioned Docket.

Should the Siting Council or Staff have any questions regarding this matter, please do not hesitate to contact us.

Very truly yours,

Daniel M. Laub

cc: Melanie Bachman, Acting Executive Director

Robert Mercier, Siting Analyst Christopher B. Fisher, Esq.

C&F: 2183621.1

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NEW CINGULAR WIRELESS PCS, LLC (AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A TELECOMMUNICATIONS TOWER FACILITY IN BRIDGEWATER, CONNECTICUT

DOCKET NO. 437

June 18, 2013

HEARING INFORMATION OF NEW CINGULAR WIRELESS

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.

List of Witnesses

- 1. Dean Gustafson, Senior Wetlands Scientist, All-Points Technology Corporation, P.C.
- 2. Peter LaMontagne, Centerline Communications LLC.
- 3. Michael Libertine, LEP, Director of Siting and Permitting, All-Points Technology Corporation, P.C.
- 4. Paul Lusitani, P.E. CHA
- 5. Anthony Wells, Managing Partner, C Squared Systems

Resumes included as Attachment 1

Documents to be Administratively Noticed

None at this time.

Exhibits to be Offered

AT&T will offer as exhibits the following:

1. Application of AT&T dated February 14, 2013.

- 2. AT&T Bulk Filing dated February 14, 2013.
- 3. AT&T Responses to Siting Council Interrogatories Set I, dated May 23, 2013.
- 4. Affidavit of Sign Posting, dated June 11, 2013.

Affidavit of Sign Posting

A notice sign in keeping with Siting Council requirements was posted at the subject property on June 11, 2013. An affidavit of posting with photos of the posted sign is included here as Attachment 2.

The Applicant 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 was sent electronically and by overnight delivery to the Connecticut Siting Council.

Dated: June 18, 2013

Daniel M. Laub

Attachment 1

Dean Gustafson Professional Soil Scientist Senior Wetland Scientist All-Points Technology Corporation, P.C. 3 Saddlebrook Drive, Killingworth, CT 06419 860-663-1697 860-836-6576

General Background

Mr. Gustafson has over 24 years of professional experience in the environmental consulting field. His experience includes NEPA/CEPA documentation, wetlands (delineation, evaluation, mitigation design, monitoring, stream restoration, and local, state and federal permitting), water-quality investigations, coastal-zone-management studies, natural-resource and ecological evaluations. Mr. Gustafson is experienced in vernal pool monitoring and assessment, including identification of a wide variety of native amphibians and reptiles that utilize vernal pool habitats. Mr. Gustafson also has extensive experience with the Connecticut Department of Energy and Environmental Protection Natural Diversity Data Base and has resolved numerous potential rare species conflicts with proposed developments. Mr. Gustafson has particular expertise in wetland identification, soil mapping, soil classification, vegetative and hydrology surveys, wetland impact assessment, wetland mitigation design and oversight. In addition, he has extensive experience in local, state, and federal wetland permitting including having worked on over 100 Connecticut Siting Council dockets along with providing expert testimony at Council hearings. Mr. Gustafson has consulted on numerous projects which involve soils related issues such as erosion and sediment control planning, vegetative soil stabilization and storm water management BMP evaluation and selection. He has served as the Environmental Compliance Monitor on several Connecticut Siting Council approved projects. Mr. Gustafson's water quality experience includes stormwater studies for compliance with National Pollution Discharge Elimination System (NPDES), Section 401 Water Quality Certification, and the 2004 Connecticut DEP Stormwater Quality Manual.

Employment History

Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut

Natural Resource Group Leader 1997 to 2012

Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut

Senior Project Scientist 1992 to 1997

Soil Science & Environmental Services, Cheshire, Connecticut

Professional Soil Scientist 1988 to 1992

Key Projects

On Call Environmental Services, Northeast Utilities Transmission Group

Task Manager in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, underground utility installations, and environmental investigations of existing facilities. Services include pre-acquisition due diligence activities, conducting site development feasibility assessments, natural resources inventories of existing flora and fauna, vernal pool studies and assessment, habitat evaluations, wetland delineations, wetland assessment, wetland mitigation design, wetland mitigation construction monitoring, permit compliance monitoring, site layout and design evaluations, erosion and sediment control planning and construction monitoring, vegetative soil stabilization and storm water management BMP evaluation and selection, preparation of technical documents, coordination with State and local agencies, and permitting support.

Environmental Compliance Monitor, Structure Replacement Project, Montague/Leverett, Massachusetts

Environmental Compliance Monitor in accordance with Massachusetts Department of Environmental Protection 401 Water Quality Certificate permit conditions for 345 kV structure replacement project. Monitoring included installation of wooden timber swamp mats across a 65-acre beaver impoundment for the removal of eight existing wooden structures and replacement with four steel structures. Environmentally sensitive compliance monitoring across this approximate 3,500 linear foot span included monitoring of drilling activities for deep caisson foundations within wetlands including in the middle of the beaver impoundment.

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut

Project Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor, Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, noise study, soil and groundwater sampling, property survey, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents. Mr. Libertine also supported CL&P during its contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

Certificate of Environmental Compatibility and Public Need, Rood Avenue, Windsor, CT

Task Manager responsible for the preparation of environmental sections of a Certificate of Environmental Compatibility and Public Need to the Connecticut Siting Council for the construction of a new substation. The project included the construction of a substation in wooded uplands with direct wetland impacts. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents and coordination with the U.S. Army Corps of Engineers New England Division. The project also included the successful transplanting of pink lady-slippers (*Cypripedium acaule*).

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, CT

Task Manager responsible for the preparation of a Petition to the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, and local and state permit documents.

Environmental Assessment and Constructability Review, Central Connecticut Reliability Project

Project Scientist for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

Certificates of Environmental Compatibility and Public Need, Various Sites, Connecticut

Has served as Task Manager in support of numerous Applications to the Connecticut Siting Council (CSC) for the permitting of new electrical substations throughout Connecticut. These projects require extensive site data collection and analysis including natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineation and function/value analysis, site layout analysis and wetland impact evaluation, wetland mitigation, preparation of technical documents, coordination with State and local agencies, and permitting. Environmental monitoring services for adherence to the CTDEP's General Permit for Construction Activities were also provided.

Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY

Task Manager for environmental due diligence and permitting services in support of various telecommunications clients throughout New England and New York. Mr. Gustafson has worked directly with the major licensed PCS carriers since 1997. Projects include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; wetland delineation, assessments, and mitigation; local, state and federal wetland permitting; vegetative/biological surveys; rare species investigations; floodplain compliance; preparation of regulatory applications (including SEQRA submissions); permit compliance monitoring; and permitting support. Mr. Gustafson has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council on over 100 applications and petitions.

Telecommunications Carrier Wetland Compliance Program

Project Manager for major telecommunications carrier's wetland compliance program. Responsible for wetland delineation, assessment, mitigation and alternatives analysis, habitat evaluations, vernal pool identification and assessment, design review for permit feasibility, and successful permitting of over 50 wireless telecommunications facilities with local wetland/conservation commissions in the Connecticut, Massachusetts, and Rhode Island market

areas. Responsible for erosion and sediment control planning and construction monitoring for projects in Connecticut and Massachusetts that represent a potential to impact sensitive wetland resources during construction.

National Retailer, Rocky Hill, CT

Responsible for wetland permitting of a multi-tenant retail development resulting in significant unavoidable wetland impacts and the creation of a wetland mitigation area exceeding 1 acre is size. Wetland permits were secured from the Rocky Hill Wetland Agency, CTDEP and U.S. Army Corps of Engineers for wetland impacts and wetland mitigation area.

Luxury Residential Development, Hartford, CT

Project manager for an award-winning luxury residential community developer. Provided project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting. Assisted with planning restoration of a failed slope that occurred during construction, secured approval from the local wetland commission and monitored erosion and sediment controls to ensure that nearby wetlands and perennial stream were not adversely impacted.

Retail Wetland Program, Various Projects, CT

Affiliations

Registration

Project manager for the Connecticut office for large retail Client Fee-for-Service and Turnkey Developer Programs. Provide project management and technical direction for wetland compliance of projects undertaken in Connecticut including wetland determination, evaluation, mitigation design and local, state and Army Corps of Engineers permitting.

Connecticut DOT West Haven/Orange Railroad Station, Environmental Assessment

Task manager for assessing natural resources, including wetlands, floodplain, aquatic habitats, and wildlife, associated with a proposed railroad station at one of two possible sites. Prepared technical documents in support of Draft Federal Environmental Assessment/Draft State Environmental Impact Evaluation.

Wetlands Survey and Permitting, ConnDOT Maintenance Facility.

Performed both a state and federal wetland survey and delineation in conjunction with the submission and successful obtainment of a CTDEP Inland Wetlands and Watercourses permit and 401 Water Quality Certifications to conduct remedial activities within and adjacent to existing floodplain wetlands.

Education

B.S. University of Massachusetts, Plant and Soil Sciences, 1988

Graduate coursework, University of New Hampshire

Member, Lebanon Inland Wetlands and Watercourses Commission, since 1995.

Member, Connecticut Audubon Society

Professional Soil Scientist, Society of Soil Scientists of Southern

New England, since 1988.

Connecticut Association of Wetland Scientists.

Association of Massachusetts Wetland Scientists.

Certifications OSHA Hazardous Water Operations and Emergency Response

(HAZWOPER) Training (29 CFR 1910.120)

Peter G. LaMontagne Phone: 508.341.7854

RECENT WORK

Centerline Communications LLC Canton, MA. Site Acquisition – Projects Include AT&T New Site Build, UMTS Upgrades, LTE Upgrades September 2008 – Present

- Responsible for all stages of site identification and lease negotiations with Landlords.
- Responsible for complete zoning analysis for co-locations and new tower sites.
- Prepare and submit zoning briefs and memorandums for local zoning approvals.
- Present all aspects of the application at zoning hearings.
- File for Municipal building permits.
- Analyze existing lease entitlements to determine site action plans on site modifications.
- Negotiate with landlords to acquire consents and amendments on modifications to existing sites.

Independent Consultant – Centerline Communications, LLC Site Acquisition – 2007 – 2008

- Responsible for site identification and candidate selection for Metro PCS and T-Mobile Northeast, LLC.
- Filing Zoning and Building Permits for Metro PCS and T-Mobile Northeast LLC.

Production Manager, Assistant Producer; ITV Studios April 1. 2006 – 2007

- Production Manager for ITV Studios; book equipment and crew for all studio and field productions. Production work includes Assistant Director, Video Shading, Tape Operator; fill in as Gaffer, Grip, Camera Operator and Audio Engineer.
- In charge of studio managing, to include multiple sets and green screen. Responsibilities includes pre-lighting the sets, engineering the control room, keeping supplies in stock, etc.
- Oversee all In House Audio and Video operations.

Atlantic Construction – Skill/Trade Worker 2004 – 2005

- Trade worker for Atlantic Construction, based out of the North Shore in Boston. Work included demolition and new construction of existing and new homes along the North Shore.
- Responsibilities included Filing for Building Permits and various stages of construction from demolition to finished product.

Camera Operator, Portland Sead Dogs, 2004

- Effectively ran the Panasonic AGDVC-200 camera for the 16x20 video board installed at Hadlock Field, worked directly with the Video Board Operator.
- Responsibilities include: filming of pre/post game interviews, filming on field promotions, play by Play including instant replay.

EDUCATION

1999-2004 – University of Southern Maine, Portland Maine Bachelors Degree in Communications Major in Media Studies, Concentration in Audio and Video Production



Michael Libertine, LEP Director of Siting and Permitting All-Points Technology Corporation, P.C. 3 Saddlebrook Drive, Killingworth, CT 06419 860-663-1697 860-983-5153

General Background

Mr. Libertine has over 21 years of professional experience in the environmental consulting field. His experience includes regulatory compliance and permitting involving extensive interactions with the local, state and federal agencies, including the Connecticut Department of Energy and Environmental Protection, Connecticut Department of Transportation, and the Connecticut Siting Council, as well as the U.S. EPA and Federal Highway Administration; environmental assessments/impact statements for NEPA compliance; site assessments and field investigations for property transfers; remedial strategy development; environmental due diligence; Brownfields redevelopment projects; and remedial investigations at RCRA facilities as well as state and federally recognized hazardous waste site. Mike is a Licensed Environmental Professional in Connecticut and has been Project Manager on over 1700 environmental site assessments and field investigations for property transfers. Representative projects include:

Environmental Permitting Services for Wireless Telecommunications Clients, New England & NY

Program Manager for environmental due diligence, siting and permitting services in support of various telecommunications clients throughout New England and New York. Mike has worked directly for licensed wireless service providers and tower management firms since 1997. Representative project-related services include due diligence and land use evaluations; preliminary site screenings; preparation of compliance documentation, environmental assessments and Memorandums of Agreement to fulfill NEPA requirements; Phase I ESAs and Phase II field investigations; remedial planning and oversight; wetland assessments; vegetative/biological surveys; noise analyses; visibility analyses; graphic support; preparation of regulatory permit applications, and construction support. Mr. Libertine has testified on behalf of telecommunications clients in front of local municipalities and the Connecticut Siting Council (CSC) on over 250 applications and petitions.

Environmental Siting and Permitting Services, Electrical Utilities

Program Manager from 2004 through 2010 in support of various Connecticut projects, including assessment and permitting of bulk power substations, transmission lines/structures, and underground utility installations. Services include civil engineering feasibility studies, pre-acquisition due diligence evaluations, natural resources inventories of existing flora and fauna, habitat evaluations, wetland delineations, noise analysis, hazardous waste investigations, site survey, layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, regulatory permitting, public outreach, and expert witness testimony.

Environmental Assessment and Constructability Review, Central Connecticut

Project Manager for natural resources inventory/assessment and construction evaluation along 35 miles of ROW corridor. Environmental tasks included Connecticut and federal wetland delineations, Army Corp of Engineers data plots, wetlands functions and values assessment, inventory of threatened and endangered species and critical habitats, biological surveys, and cover-type mapping. Once existing conditions were documented, a feasibility analysis was conducted to identify environmental and constructability conflicts associated with proposed new line installation and facility upgrades.

Certificates of Environmental Compatibility and Public Need, Electrical Substations, Connecticut

Project Manager in support of Applications to the CSC for the permitting of five new bulk power substations in Killingly, Guilford, Windsor, Waterford and Westport, Connecticut. These projects required extensive coordination of numerous team members, including client's in-house discipline managers and engineers, consultants, legal counsel, staff, and subcontractors. Mike was responsible for overseeing pre-acquisition environmental due diligence services, site survey, site data collection and analysis, site/civil layout, and drafting of municipal documents and the Application to the CSC. Services included conducting natural resources inventories of existing flora and fauna,

habitat evaluations, wetland delineation, noise analyses, hazardous waste investigations, site layout and design drawings, landscape architecture, preparation of technical documents, coordination with State and local agencies, and permitting. Mike was also responsible for the preparation of Development and Management Plans to the CSC and providing environmental monitoring for adherence to the CTDEP's General Permit for Construction Activities and environmental requirements set forth in the Client's contract documents and specifications.

Environmental Evaluations and Regulatory Permitting, Wind Farm, Colebrook, Connecticut

Project Manager for environmental considerations associated with the development of Connecticut's first commercial wind farm in northwest Connecticut. Responsibilities included overseeing due diligence, natural resource studies and environmental permitting activities. The 3.2 MW project involved extensive evaluations of wetland and other natural resources, flora and fauna studies, sound studies, flicker analyses, visual evaluations and expert testimony at the local and state level, including multiple CSC hearings. Mike assisted this client in preparing the Development and Management Plan and pre-construction coordination efforts.

Regulatory Permitting, Barbour Hill Substation Modifications, South Windsor, Connecticut

Project Manager responsible for the preparation of a Petition to the CSC for a determination that no Certificate of Environmental Compatibility and Public Need was required for the proposed modifications to the Barbour Hill Substation in South Windsor, Connecticut. The project included the replacement and expansion of an existing facility and the modification of line interconnections. Responsibilities included conducting natural resource inventories, wetland delineation, noise study, soil and groundwater sampling, property survey, preparation of site/civil design drawings, supporting graphics, photo-simulations, and local and state permit documents. Mike also supported his Client during the contractor selection process and developed a site-wide soil and water management plan for implementation during construction activities.

Environmental Impact Evaluation for Great Path Academy, Manchester, CT

Project Manager of an Environmental Impact Evaluation for expansion of a middle-college magnet high school serving eight member communities and operating within existing infrastructure at Manchester Community College. The project included a new free-standing facility on the campus to house the school and expand parking to accommodate 500 additional vehicles, enabling enrollment to increase from 75 to 300 students. Services included preparation of the EIE in accordance with CEPA to evaluate the project's associated potential environmental, social and economic impacts. The comprehensive document, distributed for public review and comment, assessed multiple locations for parking and building facilities within the MCC campus for parameters including: hydrology, traffic, visual impact on the surrounding community, energy consumption, and impacts to wildlife and habitat, potential historic and archaeological resources, forested areas, and a State-designated Greenway bike path. The result of the process was securing a Finding of No Significant Impact.

Employment History	w
	Vanasse Hangen Brustlin, Inc., 54 Tuttle Place, Middletown, Connecticut Director, Environmental Services May 1997 to January 2012 Atlantic Environmental Services, Inc./GEI Consultants, Colchester, Connecticut Project Manager/Team Leader, January 1991 to May 1997
Education	University of Connecticut, B.S. Natural Resources Management, December 1990 Stonehill College, B.A. Marketing, May 1981
Certifications/ Licenses	Licensed Environmental Professional, State of Connecticut, LEP No. 345 OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training (29 CFR 1910.120)

Education

Central Connecticut State University B.S. Civil Engineering Technology

Professional Registration

Professional Engineer - CT

Paul A. Lusitani, P.E.

Project Engineer

Mr. Lusitani has over 12 years of experience on telecommunications engineering projects. Mr. Lusitani has been with CHA 12 years and has served as the Project Engineer for telecommunications work for a majority of his time at CHA. In this capacity, Mr. Lusitani is responsible for telecommunications projects in the Southern New England Region with his main focus on Connecticut and Western Massachusetts. He has provided civil site design, field investigations, visual analysis studies, construction oversight, project management, QA/QC, and technical oversight for many communications related projects in CT and MA.

Telecommunications Site Design Experience:

Civil design/layout work, field data collection, field construction inspections, and project management/coordination for telecommunications projects are Mr. Lusitani's primary responsibilities:

Civil Design/Layout Work: Civil design work involves the following responsibilities: developing civil site drawings, such as lease exhibits, zoning drawings, and construction drawings utilizing AutoCAD 2011; developing design documents utilizing Microsoft Word & Microsoft Excel; researching town and/or state zoning regulations; completing quantity take-offs and cost estimates; laying out access roads, equipment compounds, access & utility easements, lease areas, utilities, coaxial cable, and equipment rooms/platforms based on existing site constraints such as topography, watercourses, wetlands, buffers, flood zones, property boundary setbacks, height limitations, structural limitations, accessibility requirements, and cost; grading access roads and equipment compounds for new tower sites; preparing visual analysis reports; preparing initial and final statements of inspections; and preparing initial and final affidavits.

<u>Field Data Collection</u>: Field data collection involves the following responsibilities: collecting the required structural information to support the proposed equipment such as physical properties of beams, columns, joists, roofs, and floors; collecting the required electrical and telephone information to determine sufficient capacity and routing; measuring the general site dimensions required to layout existing conditions; observing site conditions for environmental, design, and access constraints; and preparing field data packages consisting of notes, sketches, and photos for the design team.

Field Construction Inspections: Construction progress inspections involved the following responsibilities: inspecting tower foundation rebar and form geometry for compliance with the tower design drawings; inspecting sub-grade preparation and excavation limits for compliance with the geotechnical report; inspecting tower backfill for compliance with the geotechnical report; inspecting the tower erection process for compliance with the tower design drawings; inspecting site utilities and grounding systems for compliance with site design drawings; inspecting steel equipment supports for compliance with design drawings; and preparing field inspection reports based on field observations.

Project Management/Coordination: Project management and coordination of the design team involved the following responsibilities: interacting with the client; coordinating site designs with the survey, environmental, civil, structural, electrical, and mechanical groups; reviewing site design drawings, design documents, and environmental compliance documents for completeness, accuracy, and compliance with client design standards & scope of work; coordinating the construction inspection and material testing process; monitoring project budgets and schedules; maintaining project records; preparing purchase order requests for extra work; securing



purchase orders from clients; obtaining contracts with sub-consultants; preparing notice to proceed documents for sub-consultants; coordinating site design work with sub-consultants; and maintaining the project financial tracker and work progress tracker.

Notable Telecommunications Projects:

T-Mobile USA, Inc.: manage and coordinate the design of more than 170 sites in CT & MA SBA/Optasite Towers LLC: manage and coordinate the design of 25 new tower sites in CT MCF Communications Inc.: manage and coordinate the design of 8 new tower sites in CT Nextel/General Dynamics: manage and coordinate the design of 40 sites in CT & MA National Grid Wireless: manage and coordinate the design of 4 sites in CT & MA AT&T/New Cingular Wireless: manage and coordinate the design of more than 80 sites in CT





Resume of: Anthony Wells

EDUCATION:

Northeastern University

Master of Science in Electrical Engineering - Communications and Signal Processing

Concentration- June 1997

University of Massachusetts, Lowell

Bachelor of Science in Electrical Engineering - December 1989

EXPERIENCE:

Managing Partner C Squared Systems

8/00 - Present

- Provide RF and software design services to the wireless industry, including preparation of RF
 coverage analyses to determine radio frequency signal propagation parameters for siting wireless
 telecommunications facilities.
- Development of custom data collection and propagation software for in-building and macro networks,
- Manage design of a digital 1900 MHz (PCS) network consisting of over 130 cell site locations in New Hampshire and Maine.
- Design and Implementation of in-building repeater systems for multiple carriers.
- Prepare documentation for and testify before Connecticut Siting Council in support of the location of new wireless communications facilities.
- Provide measurement and calculation reports to comply with conditions of approval for municipalities in Connecticut, relating to Federal Communications Commission guidelines for electromagnetic field exposure.
- Develop radio and microwave frequency electromagnetic field calculation software for use in Federal Communications Commission compliance analysis.
- Design and implement custom software applications and database solutions with mapping capability for wireless providers.
- Provide propagation analysis and optimization of propagation models for use in analysis of propagation characteristics for low antenna heights.

Radar Systems Engineer

Raytheon - 3/98-8/00

- Developed radar systems and simulation using software languages such as C++, Matlab and FORTRAN.
- Processed radar data for use in analysis of tracking algorithms. Implemented C++ wrapper for Matlab mex-files to reduce processing time by over 70%.
- Analyzed results of tracking algorithms. Evaluated statistical cost factors and analyzed radar resource loading in relation to statistical confidence levels for tracking algorithms.
- Calibrated and modified radar simulation software to accurately represent radar hardware performance.

Radio Frequency Manager

Sprint PCS - 10/95 - 3/98

- Technical Manager responsible for implementation of code division multiple access technology for the New Hampshire and Maine systems.
- Designed and managed a digital 1900 MHz (PCS) network consisting of 70 cell site locations in New Hampshire and Maine.
- Oversaw testing and verification of the network to insure that propagation modeling was accurate
 and design performed as anticipated.
- Evaluated network performance for vendor compliance with contractual obligations.
- Insured compliance with Federal Communications Commission guidelines for electromagnetic field exposure for the digital network.
- Evaluated and tested accuracy of vendor propagation models and their applicability for use in system design.

Radio Frequency Manager

NYNEX Mobile/Verizon Wireless - 5/90 - 10/95

- Responsible for the design and performance of an analog 800 MHz communication system consisting of over 200 cell sites in New England.
- Responsible for testing and verification of over 100 cell sites to insure accuracy of propagation models and cell site placement.
- Monitored and improved system performance for the Boston and Rhode Island systems using signal measurement equipment and propagation analysis.
- Evaluated and planned deployment of 800 MHz digital cellular system.
- Evaluated feasibility and integrated high and low power repeaters into the network where applicable.
- Designed microprocessor based automated remote call processing test equipment.
- Implemented repeaters as part of in-building network.
- Managed and optimized frequency plan as part of network optimization.

Attachment 2

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NEW CINGULAR WIRELESS PCS, LLC (AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A TELECOMMUNICATIONS TOWER FACILITY IN THE TOWN OF BRIDGEWATER

DOCKET NO. 437

June 11, 2013

AFFIDAVIT OF SIGN POSTING

Peter LaMontagne Centerline Communications LLC, being duly sworn, deposes and states that:

- 1. I am over eighteen years of age and understand the obligation of making a statement under oath.
- 2. On June 11, 2013, I supervised the posting of a notice sign ("Sign") at the entrance of the property located at 111 Second Hill Road in Bridgewater, Connecticut, noticing the Connecticut Siting Council application filing and the details of the hearing scheduled for June 25, 2013.
- 3. The attached digital image depict the Sign as installed.

Subscribed and sworn to before me

this 3 day of June, 2013

Notary Public //

2/11/17

vh 10, 2017

aMontagne

