·T· · ·Mobile·

Please Reply To:
Sam Simons
35 Griffin Road South
Bloomfield, CT 06002
203-482-5156
Sam.Simons@T-Mobile.com

May 5, 2015

Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06501

Re: EM-T-Mobile-155-120702
T-Mobile Site ID CT11170C
1030 New Britain Ave. West Hartford CT
Notice of Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on July 18, 2012. T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of September 4, 2013.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

cc: Mark Richard, T-Mobile

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

July 18, 2012

Julie D. Kohler, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604

RE: **EM-T-MOBILE-155-120702** - T-Mobile Northeast LLC notice of intent to modify an existing telecommunications facility located at 1030 New Britain Avenue, West Hartford, Connecticut.

Dear Attorney Kohler:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not less than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated June 29, 2012. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,

Linda Roberts

Linda Roberts
Executive Director

LR/CDM/jbw

c: The Honorable Scott Slifka, Mayor, Town of West Hartford
Barry M. Feldman, Town Manager, Town of West Hartford
Mila Limson, Town Planner, Town of West Hartford
Ten Thirty Company, LLC

CSC
CONNECTICUT SITING COUNCIL

COHEN and WOLF P.C.
ATTORNEYS AT LAW

EM-T-MOBILE-155-120702

JULIE D. KOHLER

PLEASE REPLY TO: Bridgeport
WRITER'S DIRECT DIAL: (203) 337-4157
E-Mail Address: jkohler@cohenandwolf.com

ORIGINAL

June 29, 2012

Ms. Linda Roberts,
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Notice of Exempt Modification
Ten Thirty Company, LLC/T-Mobile co-location
T-Mobile Site ID CT11170C
1030 New Britain Avenue, West Hartford CT

Dear Ms. Roberts:

This office represents T-Mobile Northeast LLC ("T-Mobile") and has been retained to file exempt modification filings with the Connecticut Siting Council on its behalf.

In this case, Ten Thirty Company, LLC owns the existing telecommunications tower and related facility at 1030 New Britain Avenue, West Hartford Connecticut (latitude 41.73130, longitude -72.72380). T-Mobile intends to replace six antennas and add related equipment at this existing facility in West Hartford ("West Hartford Facility"). Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the Mayor, Scott Slifka.

The existing West Hartford Facility consists of a 180 foot tower. T-Mobile plans to replace six antenna mounted on the tower at a centerline of 165 feet. T-Mobile will also install two equipment cabinets on an H-frame and run hybrid cable along existing coaxial cables all within the existing compound area near the base of the tower. (See the plans dated May 9, 2012 attached hereto as Exhibit A). The existing tower is structurally capable of supporting T-Mobile's proposed use, as indicated in the structural analysis dated June 11, 2012 and attached hereto as Exhibit B.

COHEN and WOLF P.C. ATTORNEYS AT LAW

The planned modifications to the West Hartford Facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not increase the height of the tower. T-Mobile's replacement antennas will be installed at the 165 foot level. The enclosed tower drawing confirms that the proposed modification will not increase the height of the tower.

2. The installation of the T-Mobile equipment in the existing compound, as reflected on the attached site plan, will not require an extension of the site boundaries. T-Mobile's proposed equipment will be located entirely within the existing compound area.

3. The proposed modification to the Facility will not increase the noise levels at the existing facility by six decibels or more.

4. The operation of the replacement antennas will not increase the total radio frequency (RF) power density, measured at the base of the tower, to a level at or above the applicable standard. According to a Radio Frequency Emissions Analysis Report prepared by EBI dated June 27, 2012 T-Mobile's operations would add 0.412% of the FCC Standard. Therefore, the calculated "worst case" power density for the planned combined operation at the site including all of the proposed antennas would be 7.472% of the FCC Standard as calculated for a mixed frequency site as evidenced by the engineering exhibit attached hereto as Exhibit C.

For the foregoing reasons, T-Mobile respectfully submits that the proposed replacement antennas and equipment at the West Hartford Facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

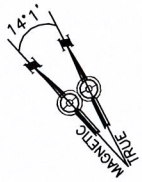
Sincerely,

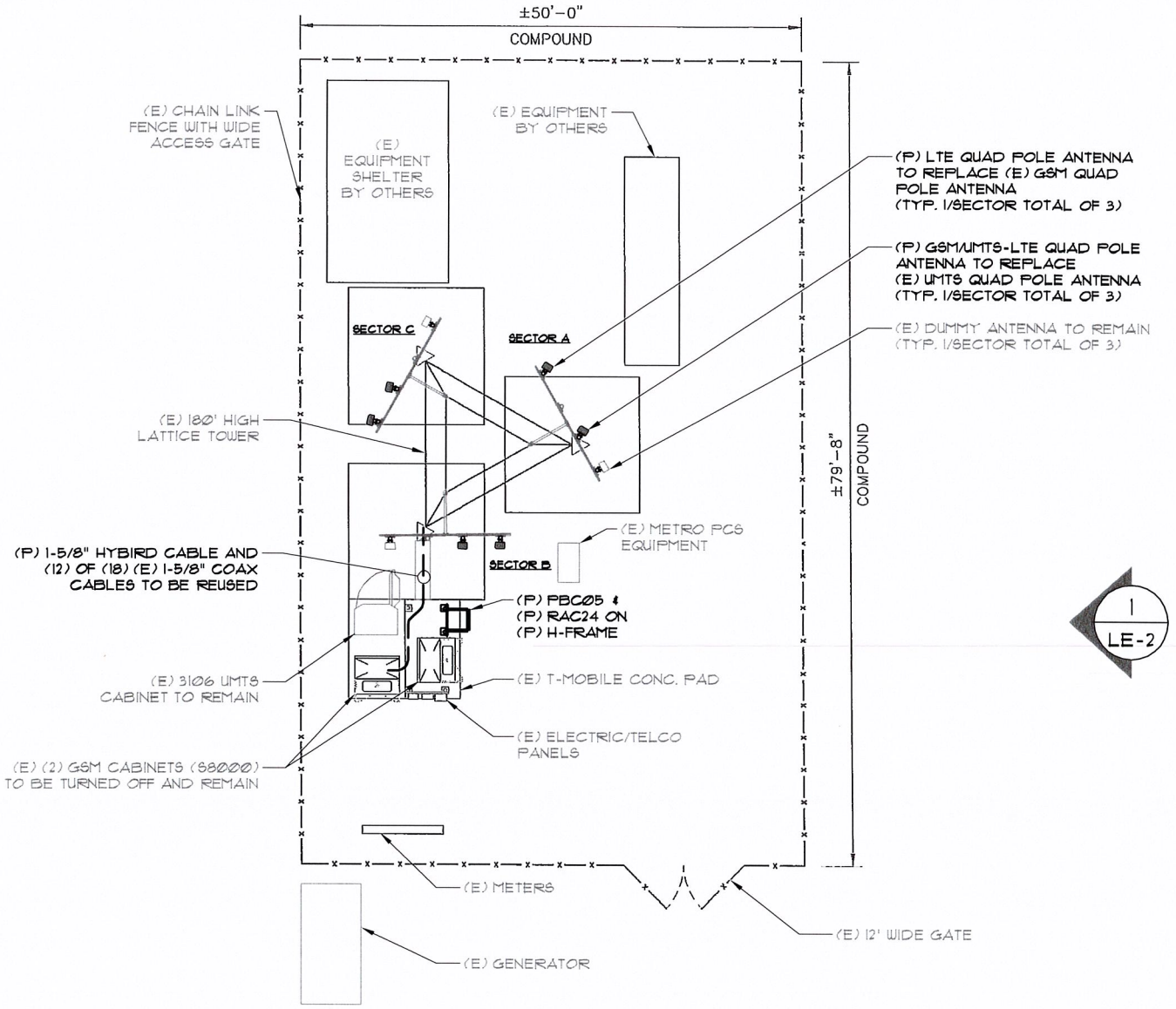
Julie D. K

Julie D. Kohler, Esq.

cc: Mayor Scott Slifka, Town of West Hartford
Scott Chase, Northeast Site Solutions (via e-mail)

EXHIBIT A





ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE / LICENSEE'S STRUCTURAL & RF ENGINEERS. LOCATIONS OF POWER & TELEPHONE FACILITIES ARE SUBJECT TO APPROVAL BY UTILITY COMPANIES.

SITE PLAN

N.T.S.

1
LE-1

Configuration

2C

SUBMITTALS	
LE REV A	04.02.12
LE REV 0	05.09.12

ATLANTIS GROUP
1340 Centre Street
Suite 203
Newton, MA 02459
Office: 617-965-0789
Fax: 617-213-5056

LEASE EXHIBIT

SITE NUMBER:
CT11170C

SITE NAME:
HARTFORD/ N. BRITAIN AVE_1

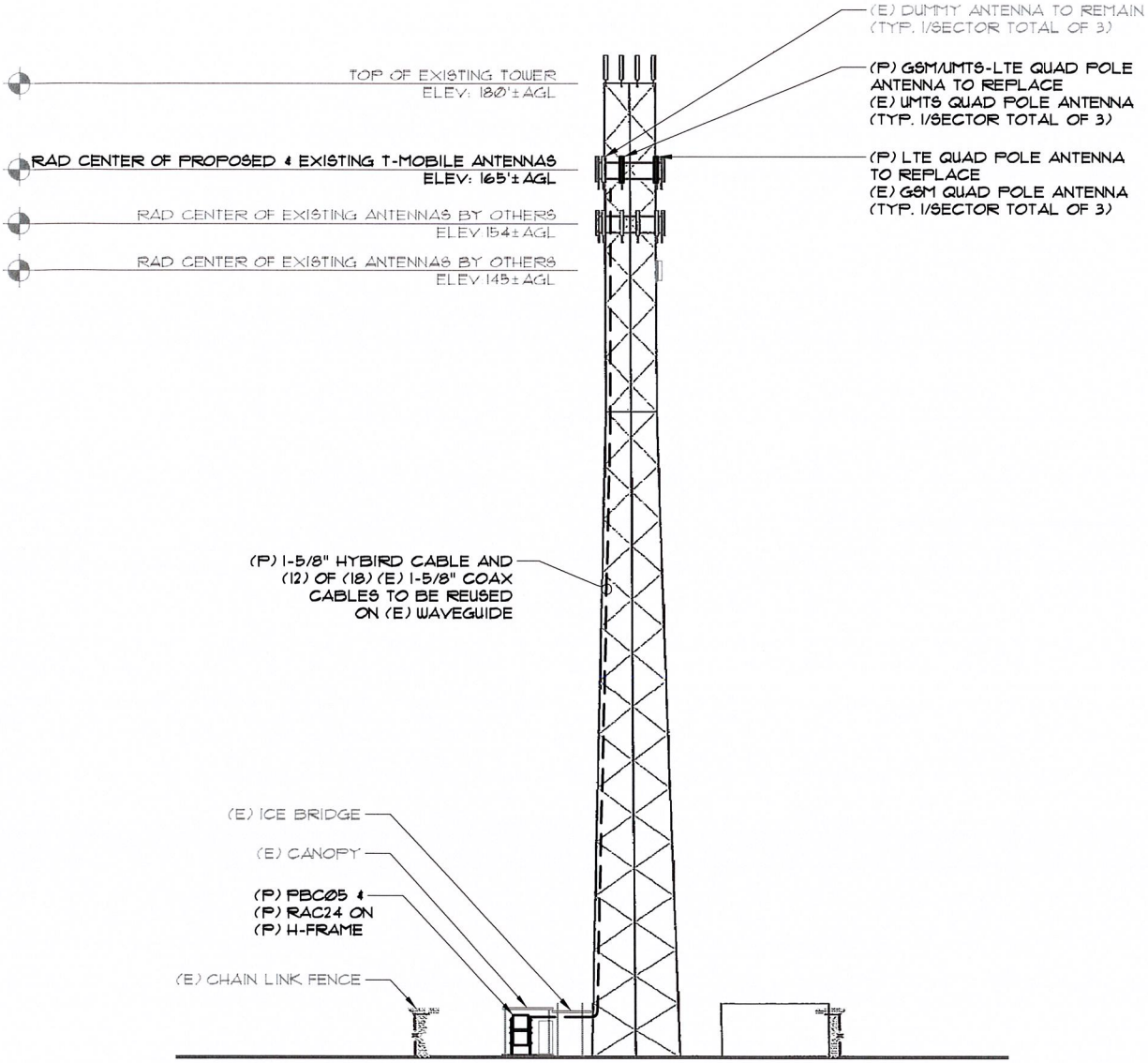
SITE ADDRESS:
1030 NEW BRITAIN AVE
WEST HARTFORD, CT 06110

NORTHEAST TOWERS
199 BRICKYARD ROAD
FARMINGTON, CT 06032
OFFICE: (860) 677-1999

FOR

T-MOBILE NORTHEAST, LLC
35 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860) 692-7100
FAX: (860) 692-7159

DRAWN BY: MB | CHECKED BY: SM



ELEVATION

N.T.S

1
LE-2

Configuration

2C

SUBMITTALS	
LE REV A	04.02.12
LE REV 0	05.09.12

ATLANTIS GROUP
1340 Centre Street
Suite 203
Newton, MA 02459
Office: 617-965-0789
Fax: 617-213-5056

LEASE EXHIBIT

SITE NUMBER:
CT11170C

SITE NAME:
HARTFORD/ N. BRITAIN AVE_1

SITE ADDRESS:
1030 NEW BRITAIN AVE
WEST HARTFORD, CT 06110

NORTHEAST TOWERS
199 BRICKYARD ROAD
FARMINGTON, CT 06032
OFFICE: (860) 677-1999

FOR

T-MOBILE NORTHEAST, LLC
35 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860) 692-7100
FAX: (860) 692-7159

DRAWN BY: MB | CHECKED BY: SM

EXHIBIT B

PAUL J. FORD AND COMPANY
STRUCTURAL ENGINEERS
250 East Broad Street · Suite 1500 · Columbus, Ohio 43215

Structural Analysis Report

PJF Project No.: **64112-0004**

Structure: Existing 180-ft Self-Supporting Tower

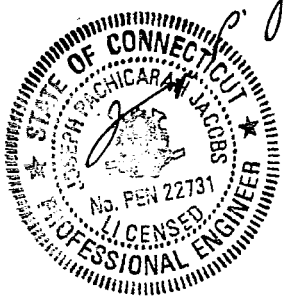
Manufacturer: PiRod, Inc.
Location: West Hartford, Connecticut
Site Number: CT001

Prepared For:

Hirschfeld Communications, LLC

1030 New Britain Ave.
West Hartford, CT 06110

June 11, 2012



JUN 15 2012

Analyzed by:
Craig M. Meierhoffer, P.E.
Project Engineer
cmeierhoffer@pjfweb.com

Reviewed by:
Joseph Pachicarah Jacobs, P.E.
Project Manager
jjacobs@pjfweb.com

Tower History:
The West Hartford tower was originally designed and manufactured by PiRod, Inc. in 1998. This model U-18 x 180' tower is PiRod, Inc. job number A-114804. Paul J. Ford and Company was supplied with the original tower and foundation design drawings.

The 180-ft self-supporting tower was originally designed in accordance with Telecommunications Industry Association Standard TIA/EIA-222-F for 80 mph Basic Wind Velocity without ice and 69 mph Basic Wind Velocity with 0.5" radial ice.

Project Description:
Hirschfeld Communications, LLC has asked Paul J. Ford and Company to provide a structural analysis of the existing 180-ft self-supporting tower located in West Hartford, Connecticut. In this analysis, we considered the existing and proposed/reserved antenna as shown in the table below.

Antenna and Feedline Loading:
Our structural analysis was completed considering the following antenna and feedline loading:

Status	Elev.	Antenna	Mount	Coax
Existing	180'	(6) Powerwave 7770.00	13' L.P. Platform	(12) 1 5/8"
		(6) Powerwave LGP 21401		
		(6) Powerwave 21903		
~~Remove~~	167'	~~(6) EMS RR90-17-02DP~~	(3) Sector Mounts	
Proposed		**(6) Ericsson Air 21 B2A B4P**		(12) 1 5/8"
				(1) Hybrid
Reserved		*(3) 96" x 12" x 3" Panel Antennas*		*(3) 1 5/8"*
Existing		(3) APXV18-209014		(3) 1 5/8"
Existing		(6) TMA's		
Existing	159'	(2) Andrew VHLP2	(3) Sector Mounts	(2) 1/2"
Existing	155'	(9) DB844H90T6-XY		(6) 1 5/8"
		(3) Kathrein 840 10054		(6) 5/16"
Existing	145'	(6) Dapa 48010	(3) Sector Mounts	(9) 1 5/8"
		(3) 2' Dishes		
		(3) 742 213		(6) 1 5/8"

Note: The antenna feedlines are assumed to be on 3 legs on t-brackets with no more than (27) coax on any one leg. All coax was assumed to be stacked in 2 rows.

PAUL J. FORD AND COMPANY
STRUCTURAL ENGINEERS
250 East Broad Street · Suite 1500 · Columbus, Ohio 43215

Structural Analysis:
Our structural analysis of this tower was completed according to the recommendations of the "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures", TIA/EIA-222-F. This standard recommends a minimum basic design wind velocity of 80 mph (measured at 33-ft above grade) for Hartford County. If ice accumulation is considered, this standard allows a reduced design wind velocity of 69 mph with simultaneous 0.5" solid radial ice accumulation. The self-supporting tower was analyzed as a three-dimensional space truss using finite element software.

Results:
Our structural analysis of the existing West Hartford tower indicates that the legs from elevations 100-ft to 80-ft are stressed to 98% of their safe capacity. These are the structural components that control the capacity of the tower.

With the information that was provided to us, we were able to calculate the capacity of the existing foundations. Our calculations indicate that the existing foundations are adequate to support the revised foundation loads indicated in our structural analysis.

Conclusion:
Paul J. Ford and Company performed a structural analysis of the existing West Hartford tower in accordance with the Telecommunications Industry Association Standard TIA/EIA-222-F. Our analysis indicates that the tower is adequate as it now stands to safely support the proposed antenna loading without the need for any modifications.

We calculated the capacity of the existing foundations using the recommendations of the geotechnical report by Clarence Welti Assoc., Inc. dated 2/10/1998. Our calculations indicate that the existing foundations are adequate to support the revised foundation loads indicated in our structural analysis.

We hope that this analysis satisfies your current needs. If you have any questions concerning our analysis, or if we can be of further service to you, please feel free to contact us at (614) 221-6679.

Sincerely,
Paul J. Ford and Company

Craig M. Meierhoffer, P.E.
Project Engineer

PAUL J. FORD AND COMPANY
STRUCTURAL ENGINEERS
250 East Broad Street · Suite 1500 · Columbus, Ohio 43215

STANDARD CONDITIONS FOR FURNISHING OF PROFESSIONAL ENGINEERING SERVICES ON EXISTING STRUCTURES BY PAUL J. FORD AND COMPANY

1) Paul J. Ford and Company has not performed a site visit to verify the tower member sizes or the antenna/coax loading. We were provided with the original tower manufacturers drawings. If the existing conditions are not as represented on these drawings, we should be contacted immediately to evaluate the significance of the deviation.

2) No allowance was made for any damaged, missing, or rusted members. The analysis of this tower assumes that no physical deterioration has occurred in any of the structural components of the tower and that all the tower members have the same load carrying capacity as the day the tower was erected.

3) It is not possible to have all the very detailed information to perform a very thorough analysis of every structural sub-component of an existing tower. The structural analysis by Paul J. Ford and Company verifies the adequacy of the main structural members of the tower. Paul J. Ford and Company provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc.

4) It is the owner's responsibility to determine the amount of ice accumulation, if any, that should be considered in the structural analysis.

5) This tower has been analyzed according to the minimum design wind loads recommended by the Telecommunications Industry Association Standard TIA/EIA-222-F. If the owner or local or state agencies require a higher design wind load, Paul J. Ford and Company should be made aware of this requirement.

6) The attached sketches are a schematic representation of the tower that we have analyzed. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions and for the proper fit and clearance in the field.

7) Miscellaneous items such as antenna mounts etc., have not been designed or detailed as a part of our work. We recommend that material of adequate size and strength be purchased from a reputable tower manufacturer.

EXHIBIT C

EBI CONSULTING
www.ebiconsulting.com

21 B Street

Burlington, MA 01803

Tel: (781) 273.2500

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT
EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

T-Mobile Existing Facility

Site ID: CT11170C

Hartford – New Britain Avenue 1
1030 New Britain Avenue
West Hartford, CT 06110

June 27, 2012

EBI CONSULTING
www.ebiconsulting.com

21 B Street

Burlington, MA 01803

Tel: (781) 273.2500

June 27, 2012

T-Mobile USA
Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, CT 06002

Re: Emissions Values for Site CT11170C – Hartford / New Britain Avenue 1

EBI Consulting was directed to analyze the proposed T-Mobile facility located at 1030 New Britain Avenue, West Hartford, CT, for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter (μW/cm2). The number of μW/cm2 calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter (μW/cm2). The general population exposure limit for the cellular band is 567 μW/cm2, and the general population exposure limit for the PCS band is 1000 μW/cm2. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

21 B Street
Burlington, MA 01803
Tel: (781) 273.2500

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at 1030 New Britain Avenue, West Hartford, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, the actual antenna pattern gain value in the direction of the sample area was used. For this report the sample point is a 6 foot person standing at the base of the tower

For all calculations, all equipment was calculated using the following assumptions:

1) 2 GSM channels (1935.000 MHz—to 1945.000 MHz) were considered for each sector of the proposed installation.
2) 2 UMTS channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
3) 2 LTE channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
4) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
5) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
6) The antenna used in this modeling is the Ericsson AIR21 for LTE, UMTS and GSM. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.6 dBd gain value at its main lobe. Actual antenna gain values were used for all calculations as per the manufacturers specifications

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21 B Street

Burlington, MA 01803

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7) The antenna mounting height centerline of the proposed antennas is **165** feet above ground level (AGL)
8) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

All calculation were done with respect to uncontrolled / general public threshold limits

Site ID	CT11170C - Hartford / New Britain Ave 1
Site Addresss	1030 New Britain Avenue, West Hartfor, CT
Site Type	Self Support Tower

Sector 1

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBd)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	165	159	None	0	0	48.326044	0.687216	0.06872%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	165	159	None	0	0	0	0	0.00000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	165	159	None	0	0	24.163022	0.343608	0.03436%
2B	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	165	159	1-5/8"	0	0	24.163022	0.343608	0.03436%
														Sector total Power Density Value:			0.13744%

Sector 2

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBd)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	165	159	None	0	0	48.326044	0.687216	0.06872%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	165	159	None	0	0	0	0	0.00000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	165	159	None	0	0	24.163022	0.343608	0.03436%
28	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	165	159	1-5/8"	0	0	24.163022	0.343608	0.03436%
														Sector total Power Density Value:			0.13744%

Sector 3

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBd)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	165	159	None	0	0	48.326044	0.687216	0.06872%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	165	159	None	0	0	0	0	0.00000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	165	159	None	0	0	24.163022	0.343608	0.03436%
28	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	165	159	1-5/8"	0	0	24.163022	0.343608	0.03436%
														Sector total Power Density Value:			0.13744%

Site Composite MPE %	
Carrier	MPE %
T-Mobile	0.41233%
AT&T	0.55000%
Clearwire	0.76000%
Pocket	3.24000%
Nextel	2.51000%
Total Site MPE %	**7.472%**

EBI CONSULTING
www.ebiconsulting.com

21 B Street

Burlington, MA 01803

Tel: (781) 273.2500

Summary

All calculations performed for this analysis yielded results that were well within the allowable limits for general public exposure to RF Emissions.

The anticipated Maximum Composite contributions from the T-Mobile facility are **0.412% (0.137% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **7.472%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government