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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNLH262	File Number 0007716972
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 06-02-2017	Effective Date 06-02-2017	Expiration Date 06-27-2027	Print Date 06-06-2017
Market Number BTA318	Channel Block F	Sub-Market Designator 0	
Market Name New Haven-Waterbury-Meriden, C			
1st Build-out Date 06-27-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLH262

File Number: 0007716972

Print Date: 06-06-2017

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQEM953	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 03-15-2016	Effective Date 11-01-2016	Expiration Date 03-08-2026	Print Date
Market Number BTA318	Channel Block C	Sub-Market Designator 5	
Market Name New Haven-Waterbury-Meriden, C			
1st Build-out Date 03-08-2011	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQEM953

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Table with Call Sign (WQJQ689), File Number (0008587211), and Radio Service (WU - 700 MHz Upper Band (Block C)).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

Conditions: Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQJQ689

File Number: 0008587211

Print Date: 09-13-2019

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNKA313	File Number 0007969807
Radio Service CL - Cellular	
Market Numer CMA049	Channel Block A
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003290673

Market Name New Haven-West Haven-Waterbury
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Grant Date 02-02-2018	Effective Date 02-02-2018	Expiration Date 01-22-2028	Five Yr Build-Out Date	Print Date 02-03-2018
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	41-20-59.2 N	072-58-21.6 W	135.7	79.6	1045133

Address: (Hamden) 1055 WINTERGREEN AVE

City: HAMDEN County: NEW HAVEN State: CT Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.600	138.200	154.800	178.600	155.400	130.200	91.800	70.500
Transmitting ERP (watts)	191.010	24.050	0.780	0.780	0.780	0.780	5.380	93.550

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.600	138.200	154.800	178.600	155.400	130.200	91.800	70.500
Transmitting ERP (watts)	5.040	67.970	129.640	19.330	0.780	0.780	0.780	0.780

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.600	138.200	154.800	178.600	155.400	130.200	91.800	70.500
Transmitting ERP (watts)	0.790	0.790	0.790	0.790	22.750	176.630	108.910	4.440

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA313

File Number: 0007969807

Print Date: 02-03-2018

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	41-29-36.9 N	073-09-55.0 W	203.3	72.5	1055868

Address: Old Waterbury Road

City: SOUTHBURY County: NEW HAVEN State: CT Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.000	102.900	99.100	134.200	141.200	154.300	142.100	82.900
Transmitting ERP (watts)	31.620	37.150	14.450	1.820	0.100	0.100	0.850	7.590

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.000	102.900	99.400	134.200	141.200	154.300	142.100	82.900
Transmitting ERP (watts)	19.950	39.810	26.300	4.900	0.450	0.100	0.230	3.020

Antenna: 6

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.000	102.900	99.400	134.200	141.200	154.300	142.100	82.900
Transmitting ERP (watts)	3.890	0.320	0.100	0.300	3.890	22.910	39.810	22.910

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	41-34-13.3 N	073-01-04.4 W	250.5	49.4	

Address: 300' W of Garden Circle and Farmdale Drive Intersection

City: Waterbury County: NEW HAVEN State: CT Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	55.900	110.600	175.400	180.600	103.200	122.200	114.900	77.800
Transmitting ERP (watts)	0.100	0.100	0.100	0.100	0.100	2.420	8.590	1.800

Antenna: 4

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	55.900	110.600	175.400	180.600	103.200	122.200	114.900	77.800
Transmitting ERP (watts)	17.460	24.670	2.000	0.100	0.100	0.100	0.100	0.820

Antenna: 5

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	55.900	110.600	175.400	180.600	103.200	122.200	114.900	77.800
Transmitting ERP (watts)	0.100	0.100	3.180	27.050	14.860	0.500	0.100	0.100

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA313

File Number: 0007969807

Print Date: 02-03-2018

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	41-19-48.4 N	072-43-18.3 W	87.5	47.5	

Address: Guilford site) 1355 Boston Post Rd
City: GUILFORD County: NEW HAVEN State: CT Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.500	29.000	79.500	126.000	118.900	120.400	97.300	74.300
Transmitting ERP (watts)	280.900	62.890	2.030	1.000	1.000	1.000	9.300	117.100

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.500	29.000	79.500	126.000	118.900	120.400	97.300	74.300
Transmitting ERP (watts)	1.000	12.840	144.060	262.150	47.700	1.070	1.000	1.000

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	14.500	29.000	79.500	126.000	118.900	120.400	97.300	74.300
Transmitting ERP (watts)	1.000	1.000	1.000	1.000	27.450	213.090	165.410	21.800

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	41-14-16.3 N	073-05-10.4 W	49.7	33.2	

Address: MILFORD: 423 ORONOQUE AVENUE
City: MILFORD County: NEW HAVEN State: CT Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.300	27.000	77.400	82.400	80.900	73.900	5.400	-41.500
Transmitting ERP (watts)	31.620	37.150	14.450	1.820	0.100	0.100	0.850	7.590

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.300	27.000	77.400	82.400	80.900	73.900	5.400	-41.500
Transmitting ERP (watts)	3.890	0.320	0.100	0.300	3.890	22.910	39.810	22.910

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.300	27.000	77.400	82.400	80.900	73.900	5.400	-41.500
Transmitting ERP (watts)	0.100	2.240	14.130	38.020	31.620	7.760	0.780	0.100

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA313

File Number: 0007969807

Print Date: 02-03-2018

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	41-17-22.3 N	072-48-42.4 W	18.6	33.8	

Address: BRANFORD CELL SITE: 180 NORTH MAIN STREET
City: BRANFORD County: NEW HAVEN State: CT Construction Deadline:

Antenna: 4
Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north) 0 45 90 135 180 225 270 315
Antenna Height AAT (meters) 0.800 -7.800 27.500 47.200 48.200 45.800 25.500 16.600
Transmitting ERP (watts) 169.260 271.610 32.460 1.000 1.000 1.000 1.000 6.200

Antenna: 5
Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north) 0 45 90 135 180 225 270 315
Antenna Height AAT (meters) 0.800 -7.800 27.500 47.200 48.200 45.800 25.500 16.600
Transmitting ERP (watts) 1.000 1.000 31.550 362.400 233.870 8.420 1.000 1.000

Antenna: 6
Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north) 0 45 90 135 180 225 270 315
Antenna Height AAT (meters) 0.800 -7.800 27.500 47.200 48.200 45.800 25.500 16.600
Transmitting ERP (watts) 1.850 1.000 1.000 1.000 1.080 105.090 499.520 115.230

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	41-32-32.3 N	072-45-10.3 W	95.4	14.9	

Address: (Meriden) 538 PRESTON AVE
City: MERIDEN County: NEW HAVEN State: CT Construction Deadline:

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north) 0 45 90 135 180 225 270 315
Antenna Height AAT (meters) 60.500 62.600 33.300 0.700 -26.200 39.200 42.200 30.000
Transmitting ERP (watts) 209.860 187.880 29.330 0.600 0.540 0.540 1.200 36.500

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820
Azimuth(from true north) 0 45 90 135 180 225 270 315
Antenna Height AAT (meters) 60.500 62.600 33.300 0.700 -26.200 39.200 42.200 30.000
Transmitting ERP (watts) 6.150 0.670 0.670 0.670 2.500 74.550 250.350 73.400

Control Points:

Control Pt. No. 1

Address: 500 W. Dove Rd

City: Southlake County: TARRANT State: TX Telephone Number: (800)264-6620

Waivers/Conditions:

FCC FORM 715A (DAY) & FCC FORM 715 (NIGHT) DUAL LIGHTING.

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Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Table with Call Sign (WQGA906), File Number, and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003290673

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGA906

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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